STATIONS & BOARD MATERIALS

EAST SIDE COASTAL RESILIENCY

1. FLOOD PROTECTION, DRAINAGE, AND ADAPTATION

INFORMATION ON:

FLOOD PROTECTION
UPLAND DRAINAGE STRATEGIES
CITY-WIDE ADAPTATION PROGRAMS

2. ACCESS IMPROVEMENTS

INFORMATION ON:

PREVIOUS COMMUNITY INPUT SUMMARIES
CORLEARS HOOK, DELANCEY, AND E. 10TH ST. BRIDGES
PINCH POINT FLYOVER ALIGNMENT

3. ESPLANADE

INFORMATION ON:

ESPLANADE: IMPROVED PARK RESILIENCY
NEW PARK CROSS-SECTION MODELS

COMMUNITY INPUT BOARDS:

ESPLANADE

4. PARK PROGRAMMING & LAYOUT

INFORMATION ON:

IN-PROGRESS EAST RIVER PARK RE-DESIGN PLAN AND RENDERINGS

COMMUNITY INPUT BOARDS:

CORLEARS HOOK AMPHITHEATER
CORLEARS HOOK BRIDGE & PARK

5. MONTGOMERY ST. & PIER 42 AREA

INFORMATION ON:

MONTGOMERY ST. TIE-BACK AND PIER 42 PARK AREA

6. PROJECT AREA 2

INFORMATION ON:

MURPHY BROTHERS, STUYVESANT COVE, AND ASSER LEVY PARKS

7. PROCESS, SCHEDULE, & CONSTRUCTION

INFORMATION ON:

PROCESS, COMMUNITY ENGAGEMENT, DESIGN, AND CONSTRUCTION SCHEDULES

MATERIALS:

BOARDS:

(3) 36 X 24”
(32) 36” X 48”
(1) 36” X 36”

PHYSICAL MODELS

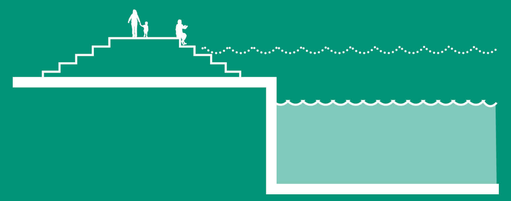
(1) DELANCEY (4’ X 4’)
(1) HOUSTON (4’ X 4’)
(1) E. 10TH ST. (4’ X 2’)
(4) SECTIONAL MODELS AT 1:50 SCALE (6” X 18” EACH)

PLAN ROLL OUT

(1) PROJECT PLAN ROLL-OUT (3’ X 12’)
(1) ERP PLAN ROLL-OUT (3’ X 12’)
(1) PA 2 PLAN ROLL-OUT (3’ X 12’)

RESILIENCY TOOLKIT

GLOSSARY OF TERMS



RESILIENT INFRASTRUCTURE

Infrastructure designed to withstand, adapt to, and recover from extreme weather events.

In the context of the ESCR project, a resilient infrastructure system will reduce the risk to coastal flooding, and provide social and environmental benefits to the community through public realm improvements.

TOPOGRAPHY

The shape, height and depth of the surface features of a particular site - i.e. the lay of the land.

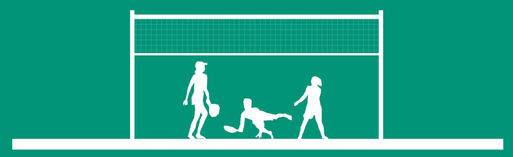
Topography can refer to any natural or man-made surface feature of a particular site, for example: the slope of a hill.

FLOODPLAIN

The area adjacent to a stream, river or coastline that may flood.

The 100-year floodplain represents a geographical area with a 1 percent or greater chance of flooding in any given year.

The 500-year floodplain represents a geographical area with a 0.2 percent chance of flooding in any given year.



RECREATIONAL AMENITIES

Indoor and outdoor sporting and leisure facilities, children's play areas and open space. For example: soccer field, playground, basketball court.

RAISED PARK

Parkland can be elevated to conceal raised bulkheads and ensure views out to the waterfront. Elevating waterfront parks helps ensure their longevity with long-term sea level rise, and allows for continued use immediately after storm events.

FLOODWALL

A wall built to prevent or reduce inundation by high water during a storm event.

Floodwalls are structures constructed of materials such as concrete or masonry. They can vary in height, color and texture.

DEPLOYABLES

Deployables are structures that are temporarily erected in the path of floodwaters to prevent water from reaching the area behind the structure.

Deployables are usually used in locations where space is limited or where access must remain available 99% of the time, for example: at pedestrian and vehicular crossings.

PROGRAMMING

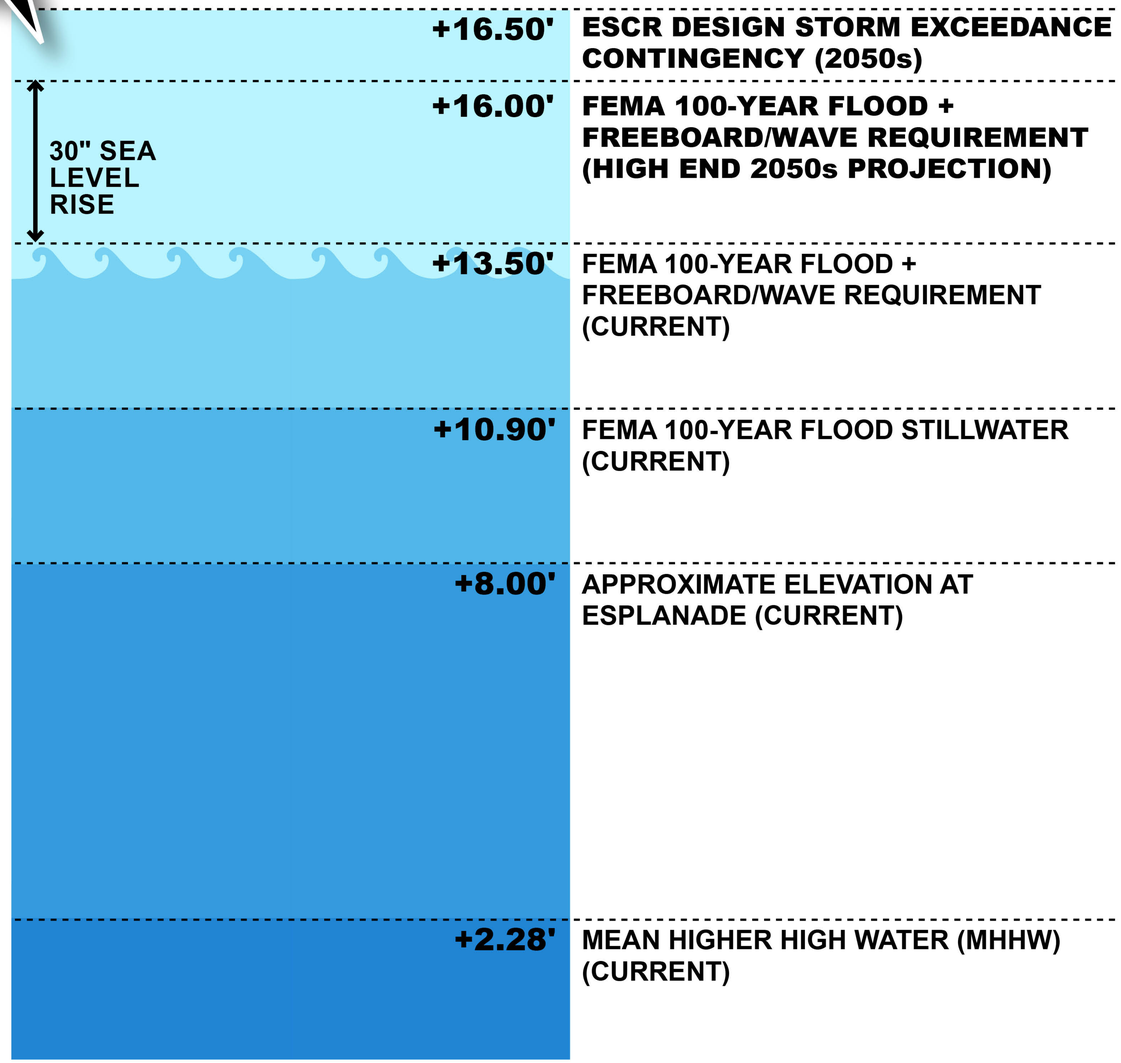
Programming refers to the intended and spontaneous activities that take place on a given site. Programming drives design decisions.

In the context of the ESCR project, programming includes active and passive recreation spaces, access and movement, and drives the layout and organization of different types of spaces.

FLOOD PROTECTION, DRAINAGE, & ADAPTATION

EAST SIDE COASTAL RESILIENCY

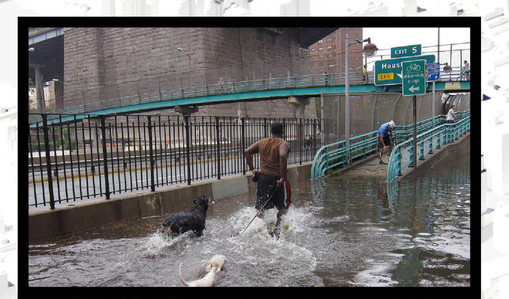
HUD FUNDING REQUIREMENT:
THE SYSTEM MUST PURSUE FEMA ACCREDITATION WITH MINIMUM SYSTEM ELEVATION AT CURRENT FEMA 100-YEAR STORM ELEVATION + FREEBOARD



NOTE: ALL ELEVATIONS SHOWN IN NAVD88

FLOOD PROTECTION, DRAINAGE, & ADAPTATION

EAST SIDE COASTAL RESILIENCY



RAIN FLOODING, FDR
HURRICANE IRENE, 2011

INTERCEPTOR GATE HOUSE

UPLAND DRAINAGE STRATEGY: PARALLEL CONVEYANCE

EXISTING BRANCH INTERCEPTORS TO BE UPSIZED

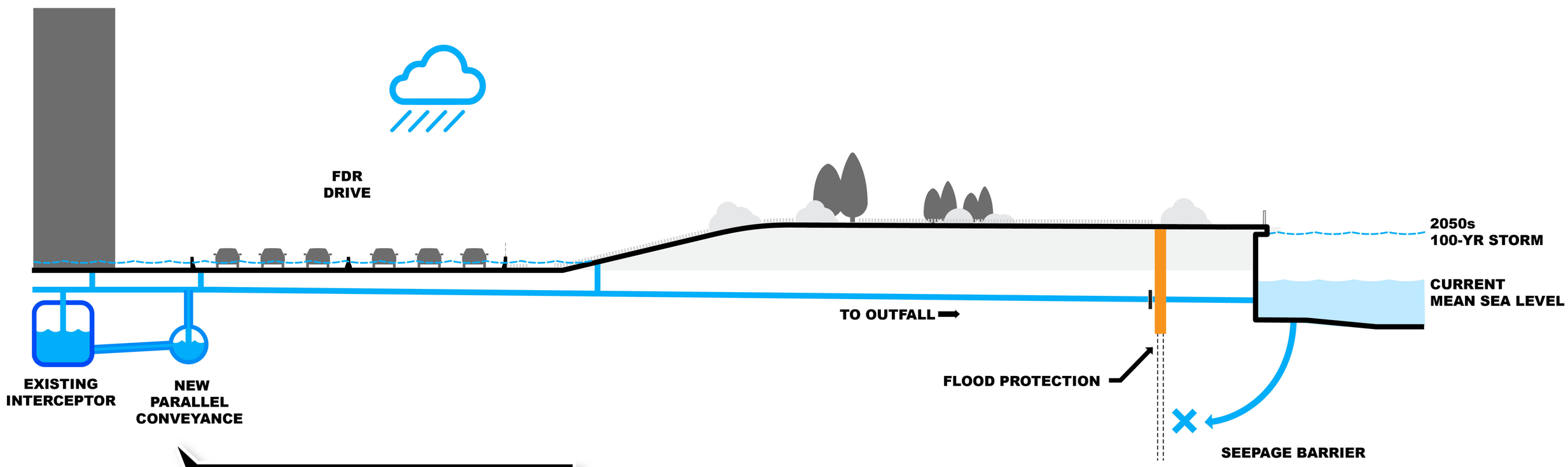
INTERCEPTOR GATE HOUSE

LEGEND

- Existing Interceptor
- New Parallel Conveyance
- Interceptor Gate House
- New Flood Protection
- Flood Protection
- Existing VA Hospital Floodwall
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary

STORMWATER DRAINAGE

SITE STRATEGY



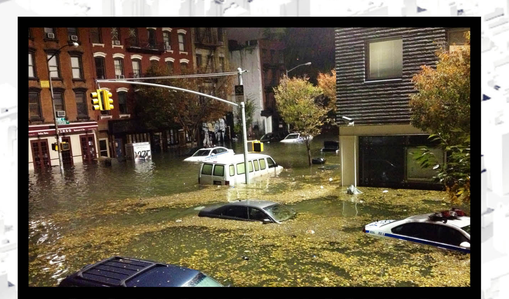
THE NEW PARALLEL CONVEYANCE WILL IMPROVE DRAINAGE

STORMWATER DRAINAGE

SITE STRATEGY

FLOOD PROTECTION, DRAINAGE, & ADAPTATION

EAST SIDE COASTAL RESILIENCY



STORM SURGE FLOODING
HURRICANE SANDY, 2012

FEMA 2050s 100-YEAR FLOODPLAIN

FEMA 2015 100-YEAR FLOODPLAIN

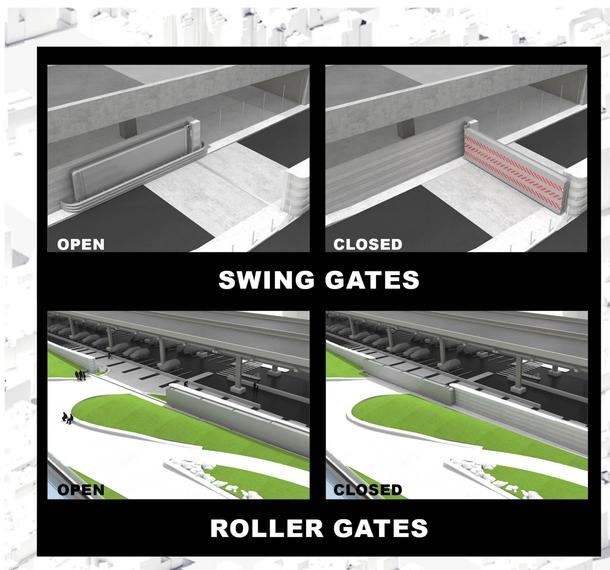
23RD ST
20TH ST
AVENUE C
HOUSTON ST
DELANCEY ST
MONTGOMERY ST
FDR DRIVE
EAST RIVER
PROJECT AREA 2
PROJECT AREA 1

LEGEND

- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary

STORMWATER DRAINAGE

SITE STRATEGY



FLOODWALL & GATES

ELEVATED EAST RIVER PARK

FLOODWALL & GATES

RAISED BULKHEAD AND SEEPAGE BARRIER (BELOW GROUND)

23RD ST
20TH ST
AVE
HOUSTON ST
DELANCEY ST
MONTGOMERY ST
FDR DRIVE
EAST RIVER
PROJECT AREA 2
PROJECT AREA 1

LEGEND

- Swing Gate
- Roller Gate
- New Flood Protection (Below Ground)
- Flood Protection
- Existing VA Hospital Floodwall
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary

PARK & FLOOD PROTECTION

SITE STRATEGY

FLOOD PROTECTION, DRAINAGE, & ADAPTATION

EAST SIDE COASTAL RESILIENCY

A Resilient New York City: 2018 Progress
Coastal Protection Project Status

- Completed
- Study Funded
- Project Funded
- DCP Resilient Neighborhood Study Areas
- 2015 Preliminary 100-Year Floodplain
- 2050s 100-Year Floodplain

Source: FEMA 2015 Preliminary FIRM Floodplain
New York City Panel on Climate Change (NPCC) 2015 (2050s Floodplain)

Note: NPCC Floodplain is a high-end projection (90th percentile).
All costs are rounded estimates.

This map displays physical projects. In addition to these projects, there are several social and economic resiliency initiatives that are being implemented.

CITY-WIDE ADAPTATION PROGRESS

Tibbetts Brook Daylighting *(Design)*

Hunts Point Resiliency (Planning/Design)

Starlight Park Edge Restoration *(Construction)*

East Harlem Resiliency *(Planning)*

East Side Coastal Resiliency *(Design)*

Resilient Neighborhood Study Area West Chelsea ***(Completed)***

Resilient Neighborhood Study Area Lower East Side ***(Completed)***

Lower Manhattan Coastal Resiliency: Two Bridges *(Design)*

Lower Manhattan Coastal Resiliency *(Planning)*

Battery Park Resiliency *(Planning)*

Southern Manhattan Multipurpose Levee Study *(Completed)*

USACE NY Harbor and Tributaries Feasibility Study *(Planning)*

Red Hook Integrated Flood Protection System *(Design)*

Homeport Resiliency *(Design)*

Belt Parkway Bulkhead Repair *(Completed)*

Saw Mill Creek Wetlands Mitigation Bank *(Construction)*

East Shore of Staten Island *(Design)*

Travis Ave Roadway Resiliency Study *(Planning)*

Resilient Neighborhood Study Areas *(Completed)*
South Beach
Midland Beach
New Dorp Beach
Oakwood Beach

Mid Island Bluebelt *(Construction)*

Staten Island Dune Restoration *(Completed)*

Oakwood Beach Tide Gate Repair *(Completed)*

Great Kills Harbor Breakwater Study *(Completed)*

Wolfe's Pond Park Berm Repair *(Construction)*

South Shore Shoreline Elevation *(Planning)*

Tottenville Living Breakwaters *(Design)*

Tottenville Dunes and Coastal Dune Plantings *(Design)*

Plumb Beach Nourishment and Breakwater *(Completed)*
$5 million

Resilient Neighborhood Study Area *(Completed)*
Gerritsen Beach

Resilient Neighborhood Study Area *(Completed)*
Sheepshead Bay

Hart Island Shoreline Restoration *(Construction)*

Resilient Neighborhood Study Area *(Completed)*
Edgewater Park

Resilient Neighborhood Study Area *(Completed)*
Harding Park

Rikers Island Shoreline Restoration *(Construction)*

Flushing Meadow Tide Gate *(Design)*

Newtown Creek and Gowanus Canal Local Storm Surge Barrier Study *(Completed)*

Resilient Neighborhood Study Area *(Completed)*
Canarsie

Upper Spring Creek Wetland Restoration *(Design)*

Howard Beach/Lower Spring Creek Flood Protection *(Design)*

Resilient Neighborhood Study Area *(Completed)*
Hamilton Beach and Old Howard Beach

Rockaway Reformulation (Jamaica Bay) ***(Planning)***

Head of Bay Oysters *(Completed - monitoring)*

Resilient Neighborhood Study Area *(Completed)*
Broad Channel

Brant Point Wave Attenuation *(Completed)*

Rockaway Peninsula Beach Nourishment & Dune Installation *(Completed)*

FEMA 428 Alternate Resiliency Projects, 7 Rockaway Sites *(Planning)*

Rockaway Reformulation (Atlantic beaches) ***(Planning)***

Sunset Cove Marsh Restoration *(Design)*

Resilient Neighborhood Study Area *(Completed)*
Rockaway Beach and Rockaway Park

Beach Channel Drive Bulkhead Repair *(Completed)*

Breezy Point Double Dunes *(Design)*

Rockaway Inlet Barrier Study *(Planning)*

Coney Island Beach Nourishment *(Completed)*

Brighton Beach/Coney Island Beach Resiliency *(Planning)*

Coney Island Creek Shoreline Elevation *(Planning)*

Coney Island Creek Tidal Barrier Study *(Completed)*

Sea Gate T-Groins *(Completed)*

Sea Gate Bulkhead *(Design)*

SOURCE: OneNYC Progress Report 2018

FLOOD PROTECTION, DRAINAGE, & ADAPTATION

EAST SIDE COASTAL RESILIENCY

FDR DRIVE GATE - OPEN

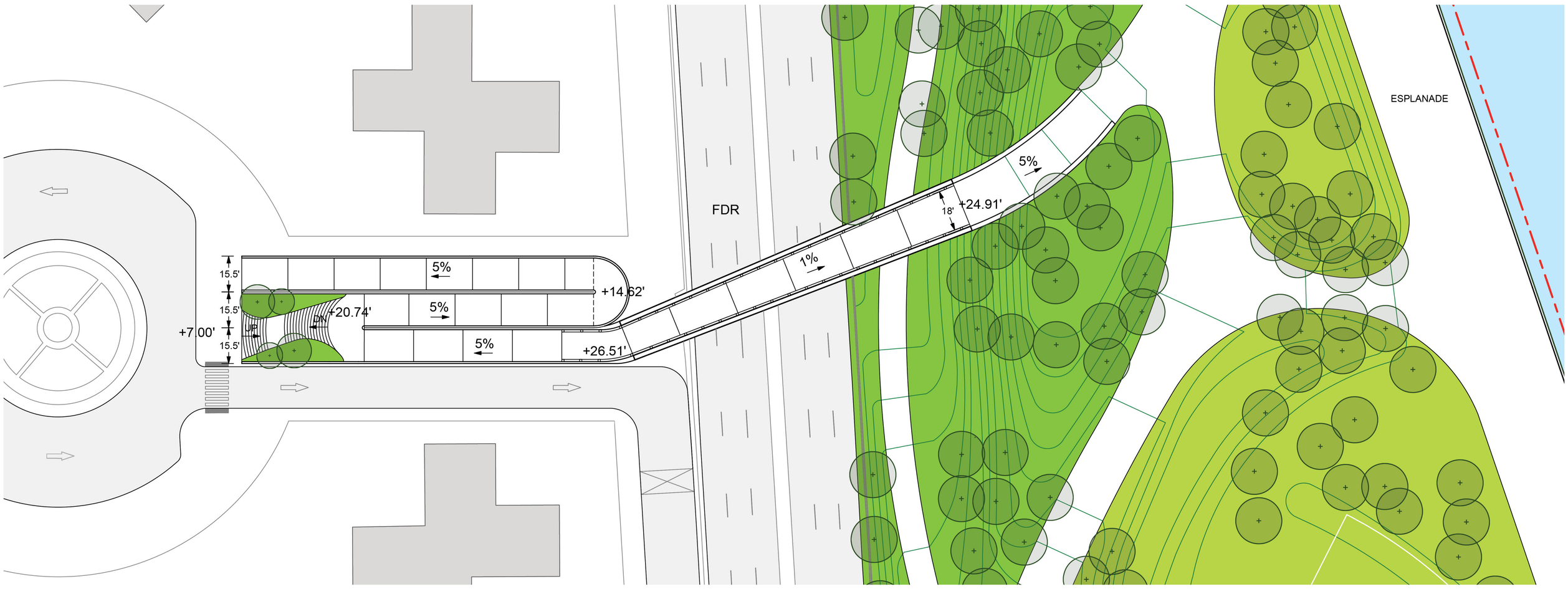
CURRENT PLAN

FDR DRIVE GATE - CLOSED

CURRENT PLAN - STORM CONDITIONS

ACCESS IMPROVEMENTS

EAST SIDE COASTAL RESILIENCY

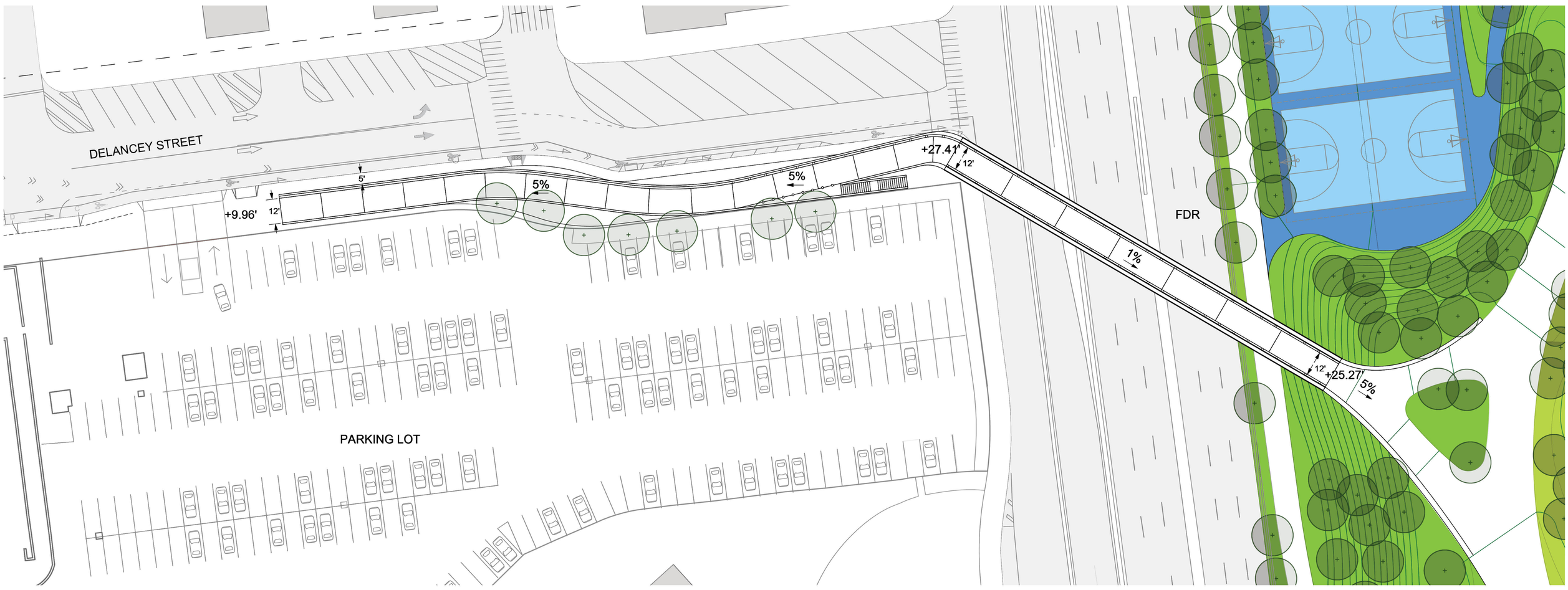


E. 10TH STREET BRIDGE PLAN

CURRENT PLAN

N

0 10' 20' 50' 100'

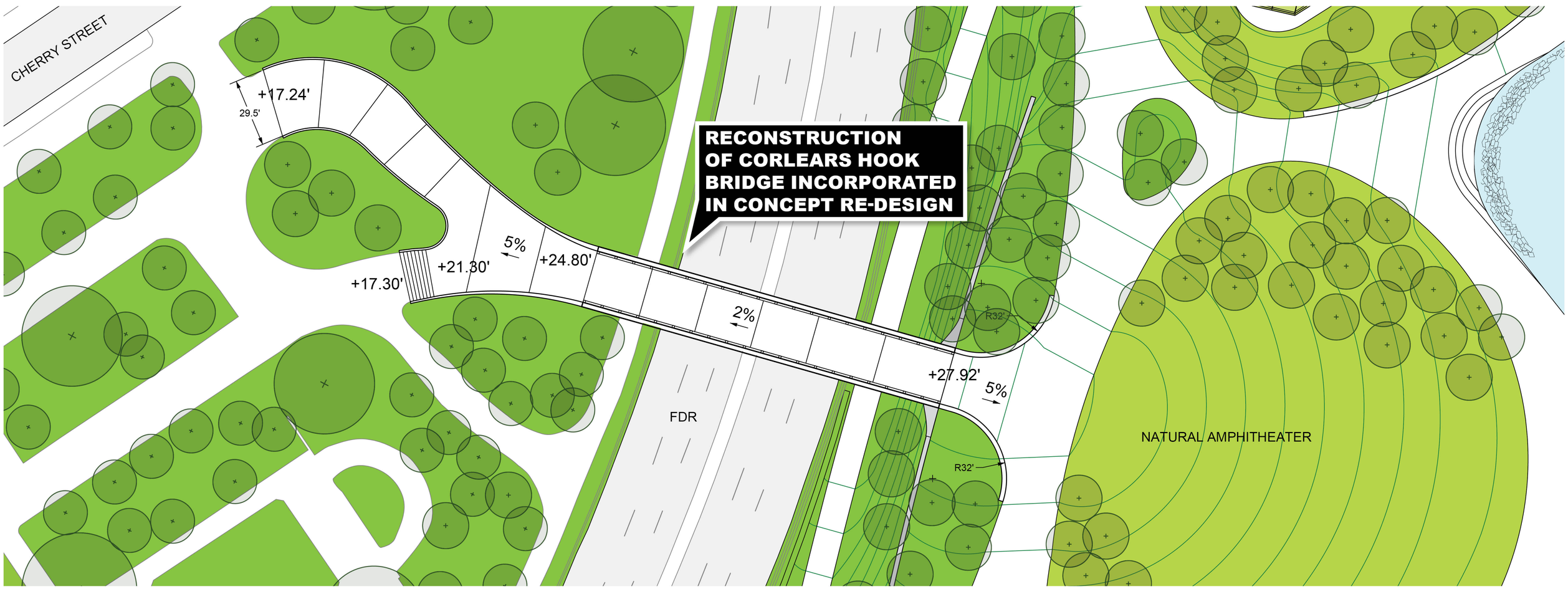


DELANCEY STREET BRIDGE PLAN

CURRENT PLAN

N

0 10' 20' 50' 100'



CORLEARS HOOK BRIDGE PLAN

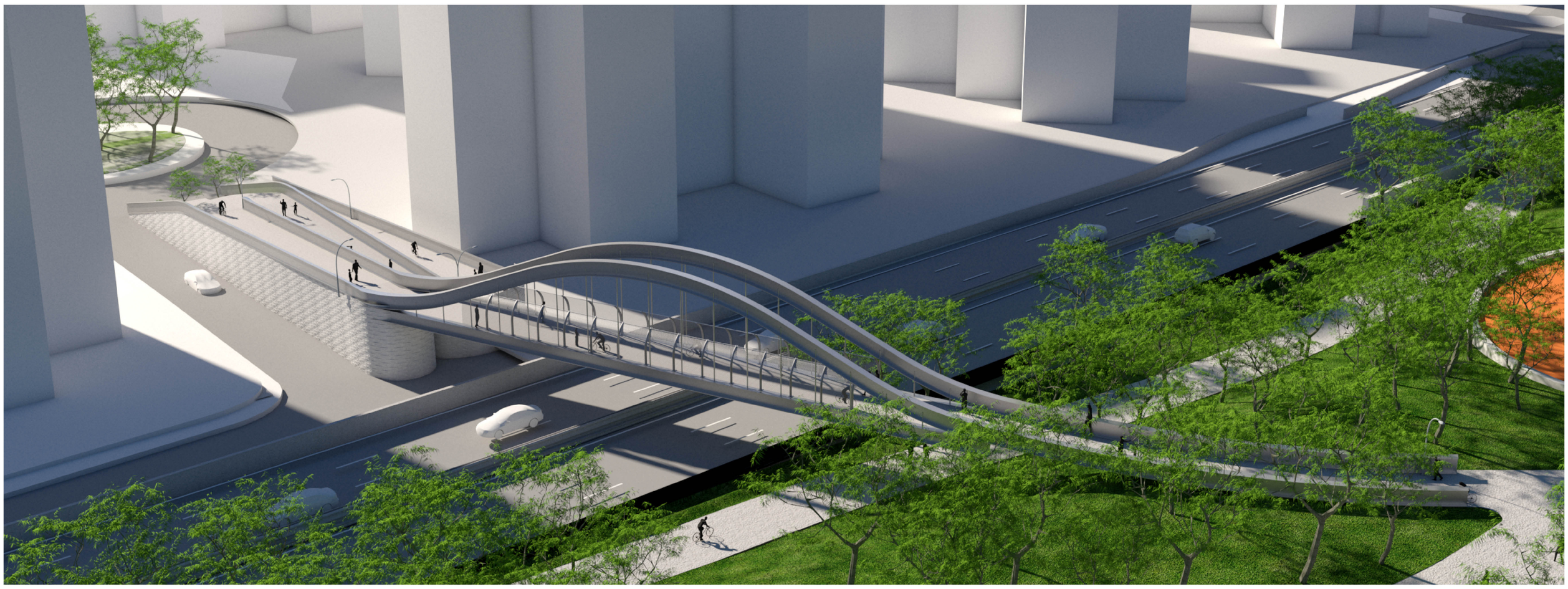
CURRENT PLAN

N

0 10' 20' 50' 100'

ACCESS IMPROVEMENTS

EAST SIDE COASTAL RESILIENCY

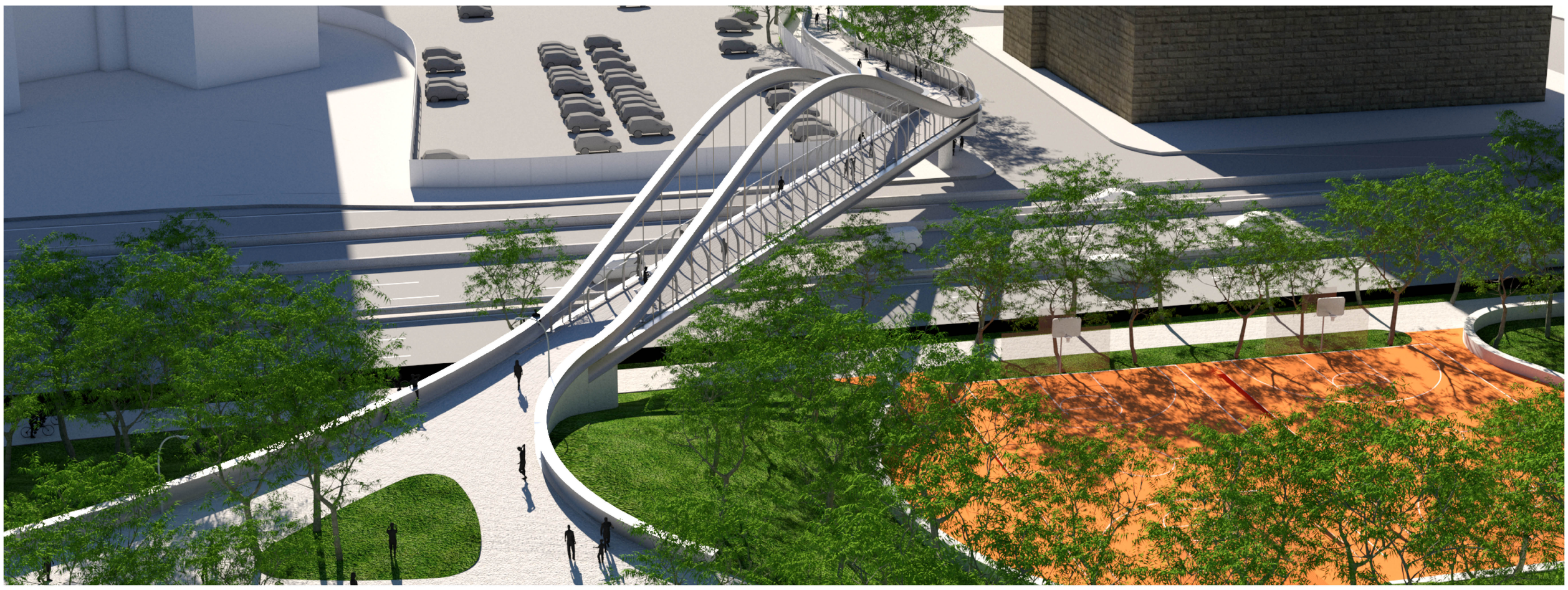


E. 10TH STREET BRIDGE

CURRENT PLAN

N

0 10' 20' 50' 100'



DELANCEY STREET BRIDGE

CURRENT PLAN

N

0 10' 20' 50' 100'

CORLEARS HOOK BRIDGE

CURRENT PLAN

N

0 10' 20' 50' 100'

ACCESS IMPROVEMENTS

EAST SIDE COASTAL RESILIENCY

IMPROVING PARK ACCESS
PEDESTRIAN BRIDGES & CROSSINGS

PRESERVE
E. 20TH STREET CONNECTION

E. 20TH STREET FERRY

REPLACE
E. 10TH ST. BRIDGE

CREATE
FLYOVER BRIDGE
AT PINCH POINT

REPLACE
DELANCEY ST. BRIDGE

REPLACE
CORLEARS HOOK BRIDGE

IMPROVE
E. HOUSTON STREET
BRIDGE LANDING

CORLEARS
HOOK FERRY

23RD ST
14TH ST
10TH ST
6TH ST
HOUSTON ST
DELANCEY ST
AVENUE C
FDR DRIVE
RIVER

LEGEND
- Park Access (Bridge)
- Park Access (At Grade)
- FDR Drive Elevated
- ESCR Park Area
- Floodwall
- Existing VA Hospital Floodwall

BRIDGES & CROSSINGS

SITE STRATEGY

MANHATTAN GREENWAY
IMPROVING NORTH-SOUTH CONNECTION

EAST RIVER PARK ESPLANADE
RAISING & ENHANCING THE WATERFRONT

ESPLANADE EMBAYMENTS
MAINTAINING CONNECTIONS TO THE WATER

IMPROVED
MANHATTAN GREENWAY

RAISE & ENHANCE
EAST RIVER PARK ESPLANADE

HOUSTON ST.
EMBAYMENT

CORLEARS HOOK
EMBAYMENT

23RD ST
10TH ST
6TH ST
HOUSTON ST
DELANCEY ST
FDR DRIVE
PROJECT AREA 2
PROJECT AREA
EAST RIVER
MONTGOMERY ST

LEGEND
- Manhattan Waterfront Greenway Shared-Use Path
- Existing Manhattan Waterfront Greenway Shared-Use Path
- Esplanade, Bulkhead to be Replaced
- Flood Protection
- Existing VA Hospital Floodwall

GREENWAY & ESPLANADE

SITE STRATEGY

ACCESS IMPROVEMENTS

CORLEARS HOOK PARK

EXISTING FLAGPOLE PLAZA

EXISTING RAMP DOES NOT MEET UNIVERSAL ACCESS

DUE TO THE NEW FLOOD PROTECTION ALIGNMENT, THE CORLEARS HOOK BRIDGE WILL NEED TO BE REPLACED

EXISTING CORLEARS HOOK PARK ENTRANCE

CORLEARS HOOK PARK

EXISTING PARK

CORLEARS HOOK PARK ENTRANCE

EXISTING HOOK PARK ENTRANCE

ACCESS IMPROVEMENTS

CORLEARS HOOK PARK

PRESERVED FLAGPOLE CIRCLE

1:20 UNIVERSAL ACCESS RAMP

THE RE-DESIGN OF CORLEARS HOOK BRIDGE WILL SEEK TO MAINTAIN THE BELOVED PARK WHILE PROVIDING A WELCOMING AND ACCESSIBLE ENTRANCE TO EAST RIVER PARK

RE-CONSTRUCTED CHERRY ST. BRIDGE

CORLEARS HOOK PARK

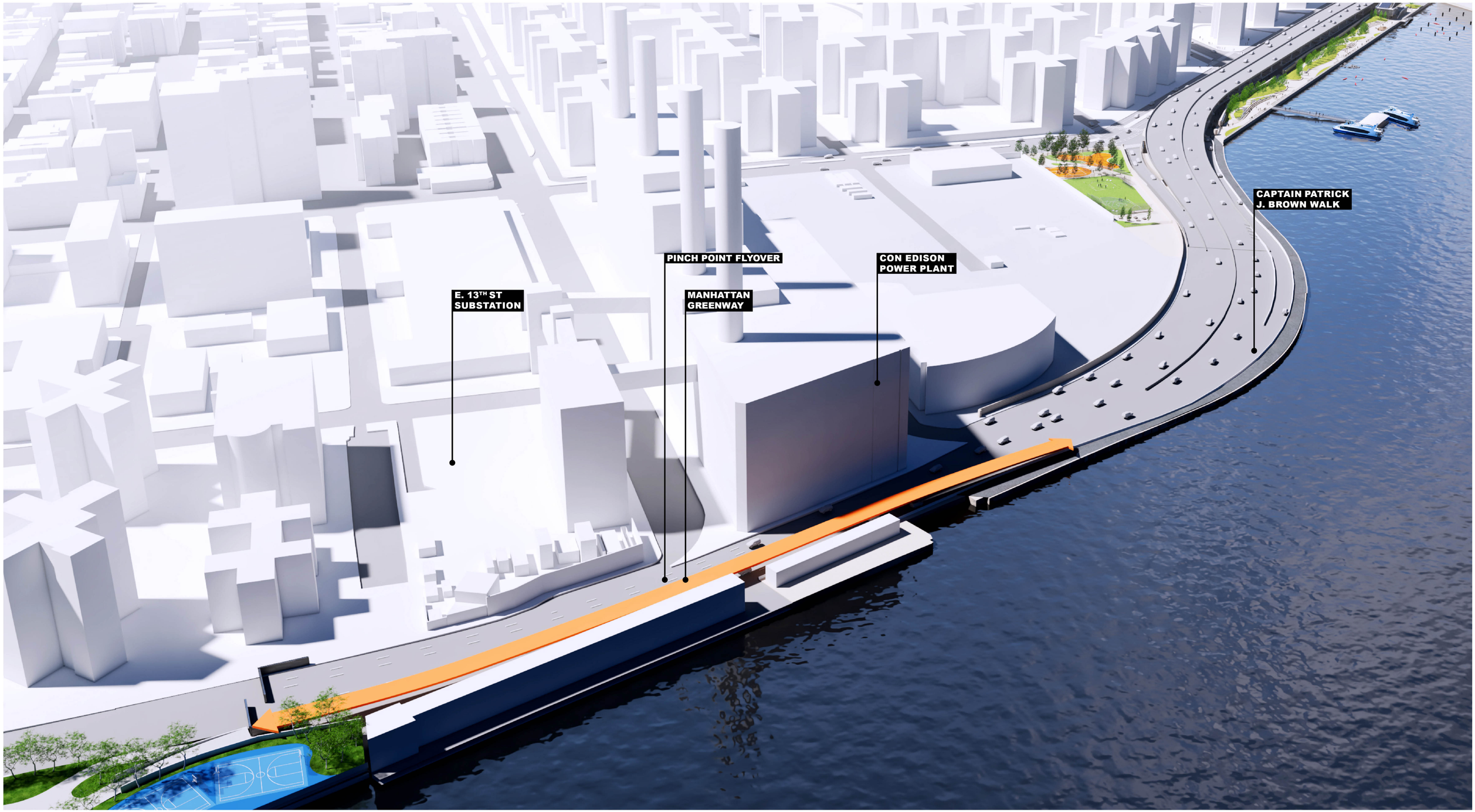
CURRENT PLAN

CORLEARS HOOK PARK ENTRANCE

CURRENT PLAN

ACCESS IMPROVEMENTS

EAST SIDE COASTAL RESILIENCY



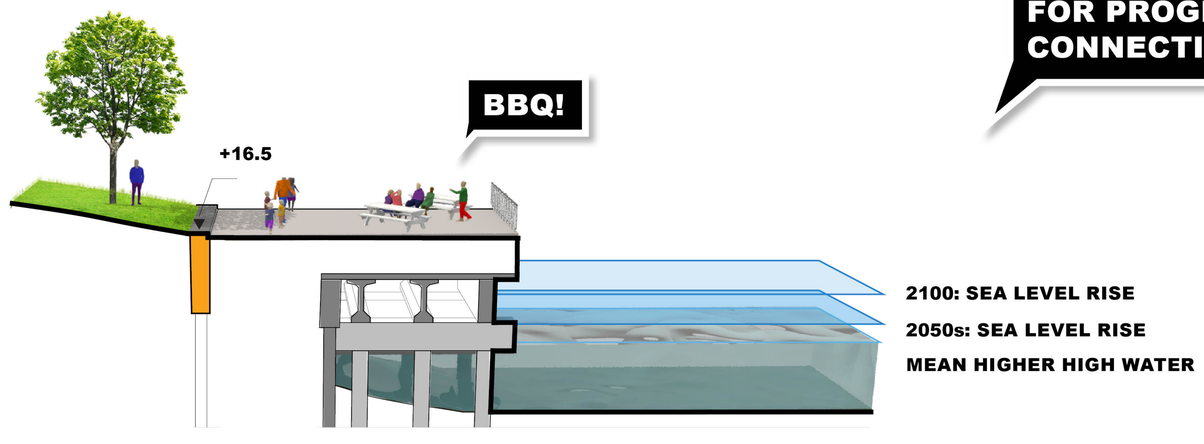
PINCH POINT FLYOVER

INCORPORATED WITH CURRENT PLAN

EAST RIVER PARK ESPLANADE

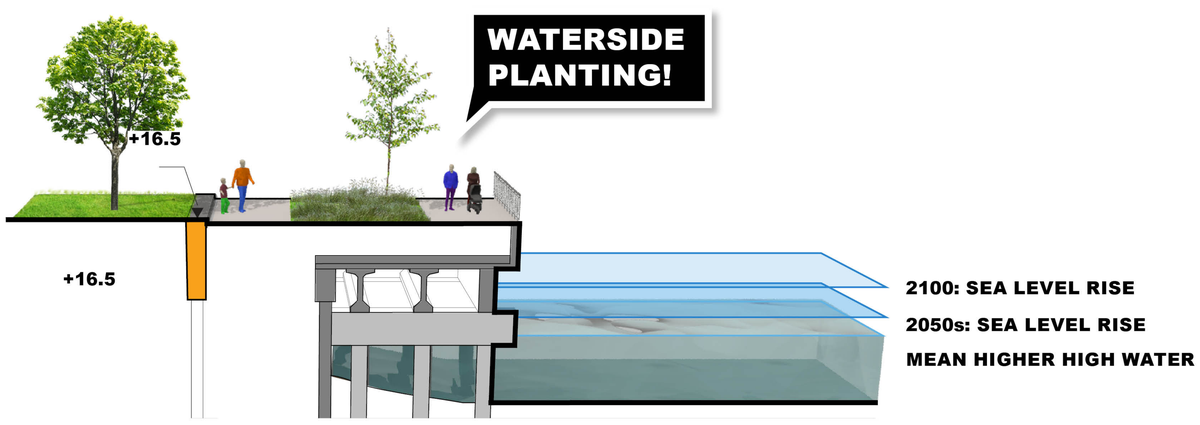
EAST SIDE COASTAL RESILIENCY

THE ESPLANADE WILL BE RAISED TO CONCEAL THE FLOOD PROTECTION AND MEET THE RAISED PARK, ALLOWING FOR PROGRAMMING AND IMPROVED CONNECTIONS TO THE WATER'S EDGE!

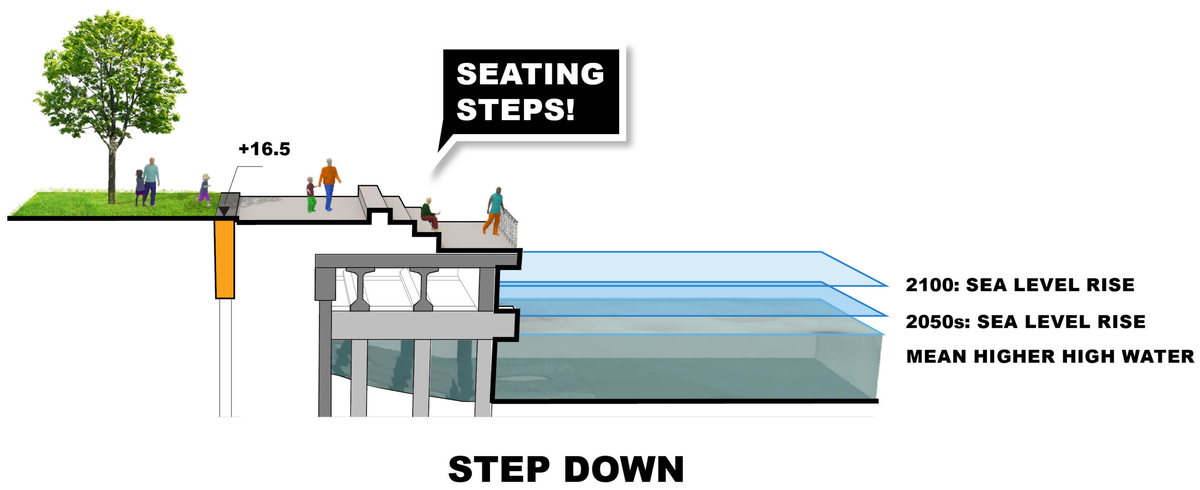


FLOOD PROTECTION

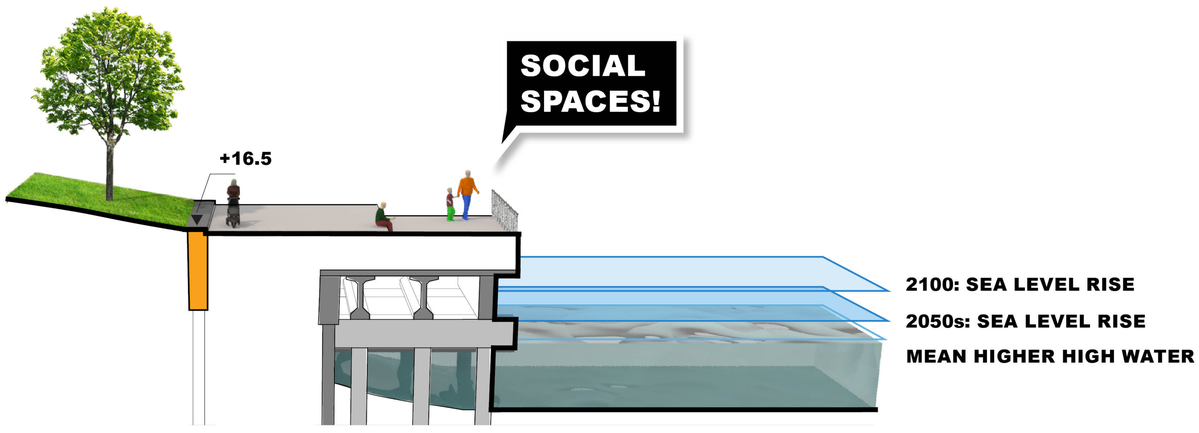
ACTIVE EDGE



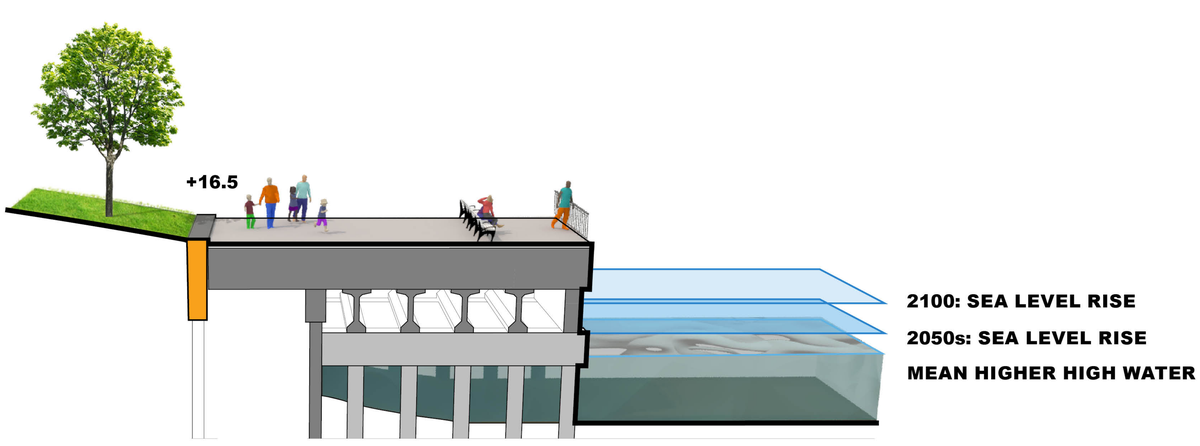
PLANTED EDGE



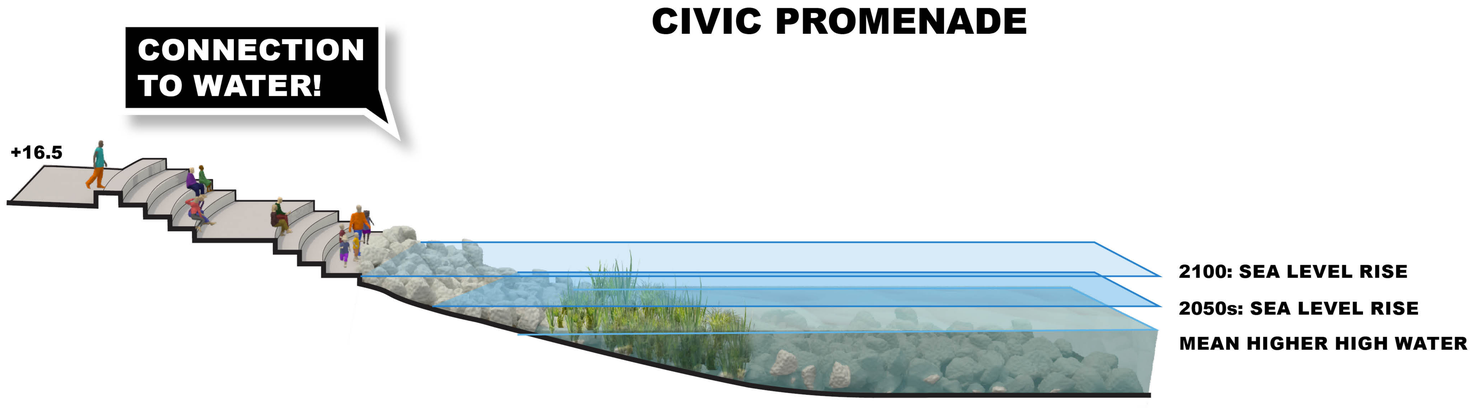
STEP DOWN



STEP UP



CIVIC PROMENADE



FLOOD PROTECTION UPLAND

EMBAYMENT

*ALL ELEVATION DATUMS BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

EAST RIVER PARK ESPLANADE

EAST SIDE COASTAL RESILIENCY

EAST RIVER PARK

CURRENT PLAN

EAST RIVER PARK

CURRENT PLAN

EAST RIVER PARK ESPLANADE

COMMUNITY INPUT

NATIVE PLANTING

NEAR LES ECOLOGY CENTER

NORTH-SOUTH CONNECTIVITY

MIDDLE EAST RIVER PARK

SEATING & TABLES

NORTHERN EAST RIVER PARK

TELL US WHAT WORKS AND DOESN'T WORK ABOUT THE ESPLANADE TODAY

TELL US HOW YOU LIKE TO USE THE ESPLANADE! I LIKE TO:

RUN

EXERCISE

BIKE

BBQ

ENJOY THE VIEW

FISH

SIT

I WISH I COULD...

EAST RIVER PARK ESPLANADE

COMMUNITY INPUT

WHAT COULD THE ESPLANADE BE?

PLACE HEART STICKERS ON THE ACTIVITIES YOU WOULD LIKE ON THE ESPLANADE

BROOKLYN BRIDGE PARK | PEBBLE BEACH
BROOKLYN, NEW YORK

HUDSON RIVER PARK
MANHATTAN, NEW YORK

HUDSON RIVER PARK
MANHATTAN, NEW YORK

DOMINO PARK
BROOKLYN, NEW YORK

EAST RIVER ESPLANADE
MANHATTAN, NEW YORK

DOMINO PARK
BROOKLYN, NEW YORK

HUNTERS POINT SOUTH
QUEENS, NEW YORK

EAST RIVER PARK
MANHATTAN, NEW YORK

BROOKLYN BRIDGE PARK
BROOKLYN, NEW YORK

PARK PROGRAMMING & LAYOUT

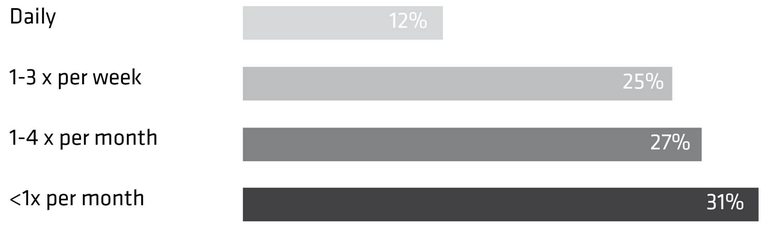
COMMUNITY ENGAGEMENT FINDINGS

SURVEY RESPONSES

USE OF EAST RIVER PARK:

Do you visit East River Park? 95% ✓ 5% ✗

If yes, how often?

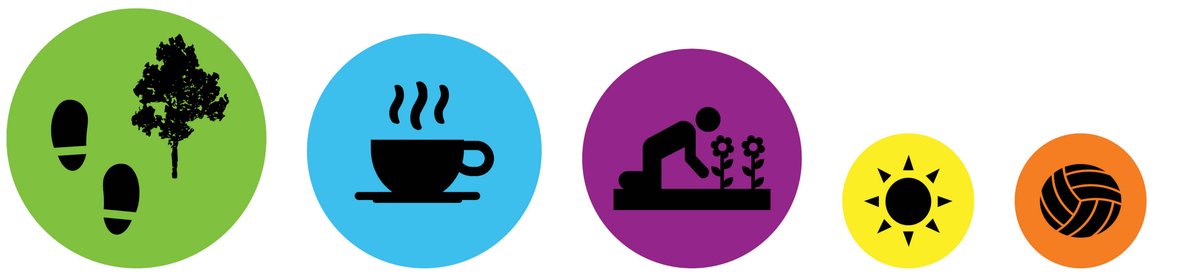


If no, why not?

"It's not as appealing as Hudson River Park"

"I was robbed of my bike in East River Park"

What additional services, activities or spaces would you like to see in or near East River Park?



Nature Walk 61%

Café 55%

Horticultural displays 52%

Sunbathing 26%

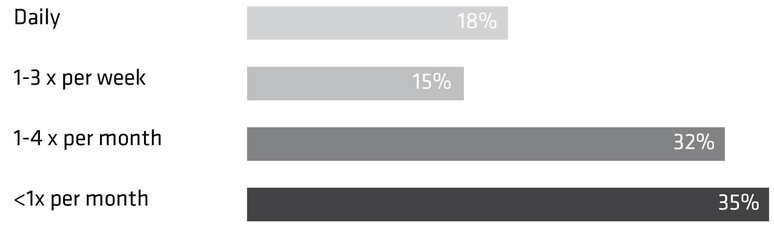
Sports (bocceball, volleyball) 26%

SURVEY RESPONSES

USE OF STUYVESANT COVE PARK:

Do you visit Stuyvesant Cove Park? 55% ✓ 45% ✗

If yes, how often?

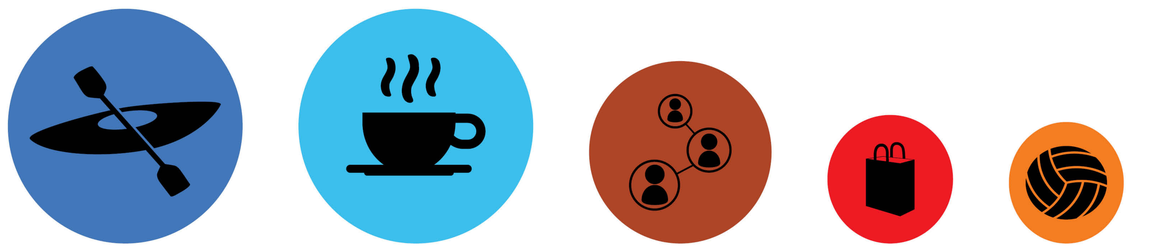


If no, why not?

"Access is limited and the intersections are hard to navigate"

"There is nothing to do there"

What additional services, activities or spaces would you like to see in or near the East River water-front, including under the FDR drive?



Kayaking 48%

Café 48%

Community services 34%

Retail 16%

Sports (indoor sports, volleyball) 15%

PARK PROGRAMMING & LAYOUT

SURROUNDING PARKS AND OPEN SPACE

COLEMAN PLAYGROUND
CAPTAIN JACOB JOSEPH PLAYGROUND
SEWARD PARK
FIRST PARK
STUYVESANT SQUARE
AUGUSTUS ST. GAUDENS PLAYGROUND
PETER'S FIELD
ABC PLAYGROUND
MCKINLEY PLAYGROUND
LITTLE FLOWER PLAYGROUND
OPEN ROAD PARK
CHERRY CLINTON PLAYGROUND
P.S. 184 SHUANG WEN SCHOOL
NATHAN STRAUS PLAYGROUND
TOMPKINS SQUARE PARK
MONTGOMERY ST
LILLIAN D. WALD PLAYGROUND
SOL LAIN PLAYGROUND
GOUVENEUR ST
LUTHER GULICK PLAYGROUND
HAMILTON FISH PARK
JOSEPH C. SAUER PARK
STUY TOWN
E 20TH ST
E 23RD ST
ASSER LEVY PLAYGROUND
VLADECK PARK
HENRY M.JACKSON PLAYGROUND
JACKSON ST
CORLEARS HOOK PARK
SIDNEY HILLMAN PLAYGROUND
CHERRY ST
GRAND ST
DELANCEY ST
HOUSTON ST
BARUCH PLAYGROUND
WALD PLAYGROUND
E 6TH ST
E 10TH ST
DRY DOCK PLAYGROUND
E 14TH ST
E 15TH ST
AVENUE C
MURPHY'S BROTHER'S PLAYGROUND
EAST RIVER

SURROUNDING RECREATION
EXISTING CONDITIONS

- PARK/COMMUNITY OPEN SPACES
- PLAYGROUND
- FIELD OR COURT
- EAST RIVER PARK

0 300 600 1200
1" = 300'

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

EAST RIVER PARK

RAISED PARK CONCEPT

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

AMPHITHEATER AREA

CURRENT PLAN OPPORTUNITY

WHAT SORT OF SPACE DO YOU WANT TO SEE HERE?

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

HOW DO YOU USE THE AMPHITHEATER NOW?

CURRENT EAST RIVER PARK AMPHITHEATER
MANHATTAN, NEW YORK

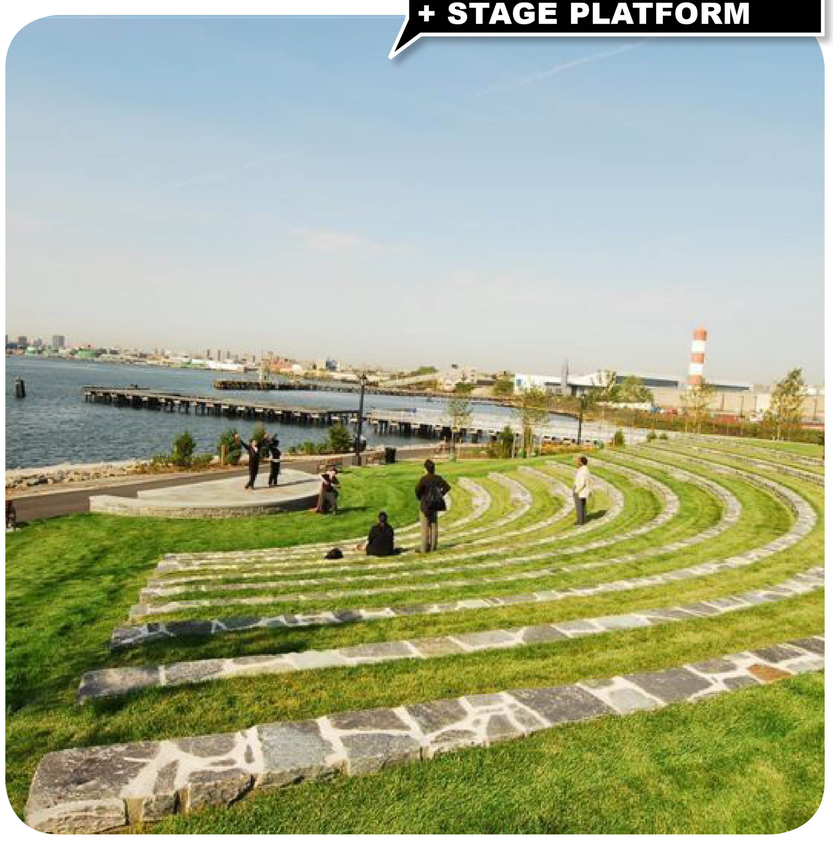
IN ORDER TO ACCOMMODATE THE NEW FLOOD PROTECTION, THE AMPHITHEATER WILL NEED TO BE REBUILT

WHAT KIND OF AMPHITHEATER DO YOU WANT TO SEE IN EAST RIVER PARK?

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

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

HOW DO YOU USE THE AMPHITHEATER NOW?

CURRENT EAST RIVER PARK AMPHITHEATER
MANHATTAN, NEW YORK

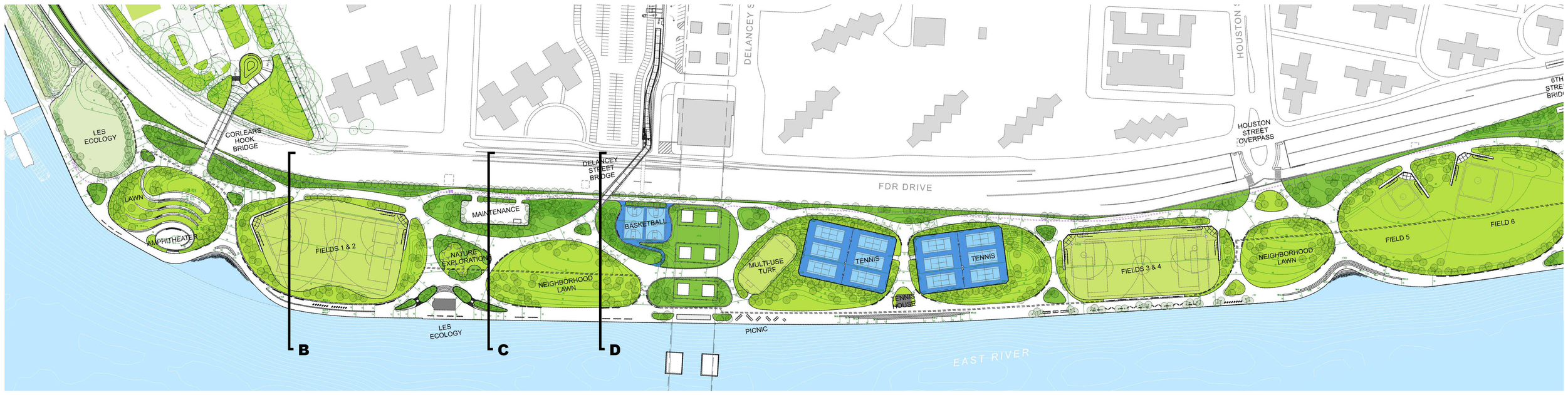
IN ORDER TO ACCOMMODATE THE NEW FLOOD PROTECTION, THE AMPHITHEATER WILL NEED TO BE REBUILT

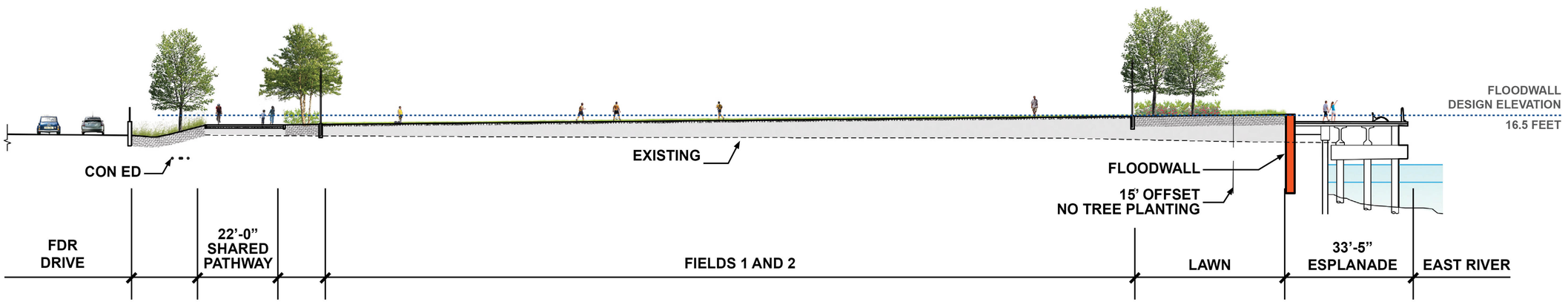
WHAT SORT OF SPACE DO YOU WANT TO SEE HERE?

AMPHITHEATER AREA
CURRENT PLAN OPPORTUNITY

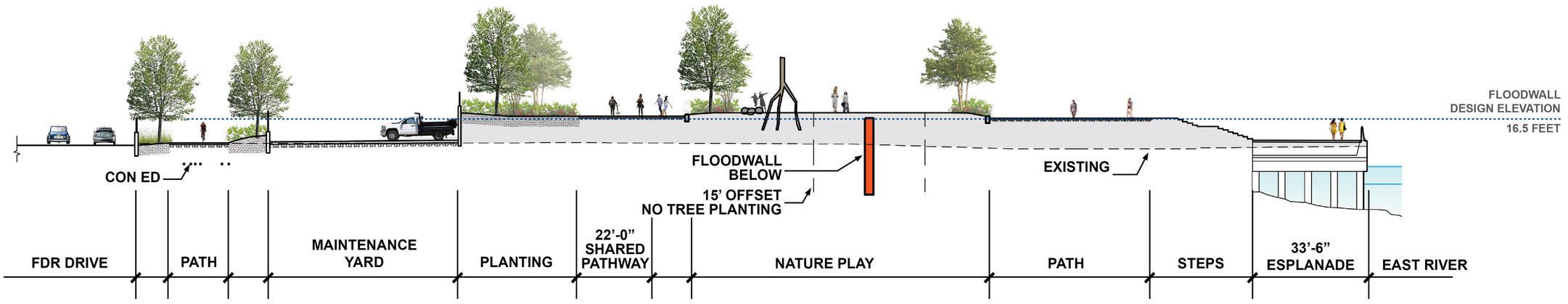
PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

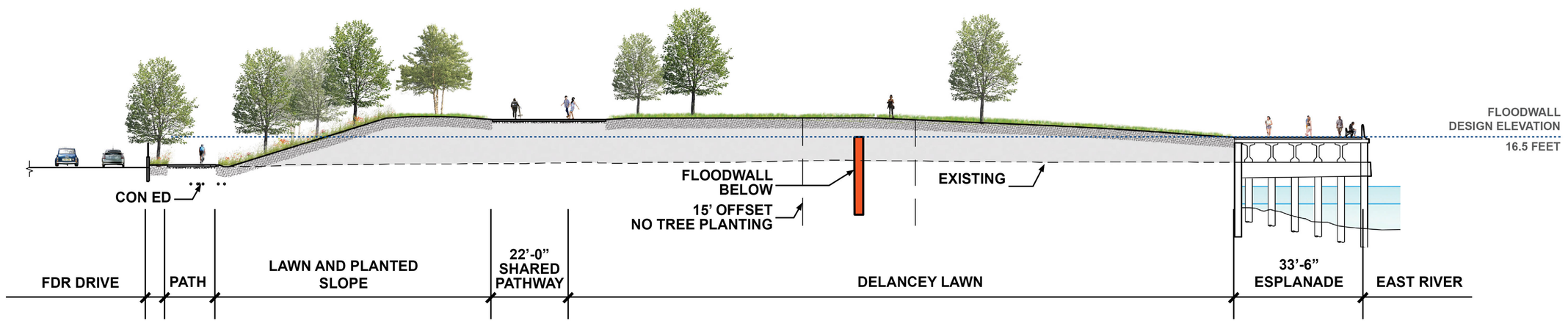




SECTION B FIELDS 1 AND 2



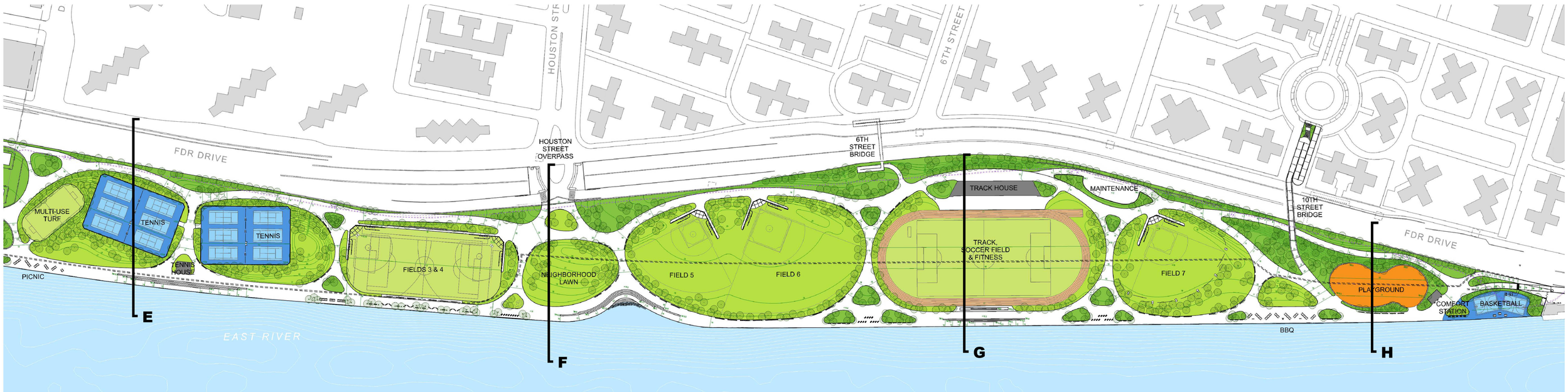
SECTION C NATURE PLAY & AMPHITHEATER

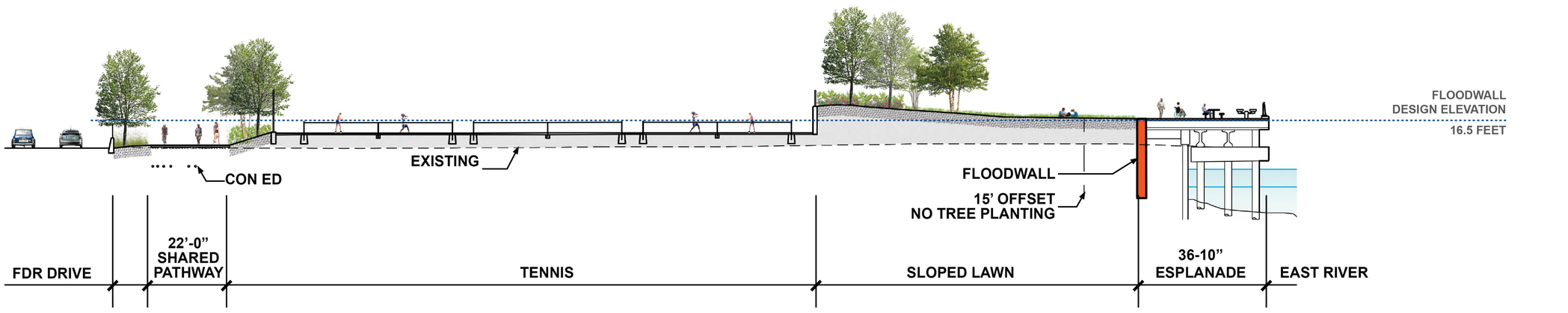


SECTION D DELANCEY ST LAWN

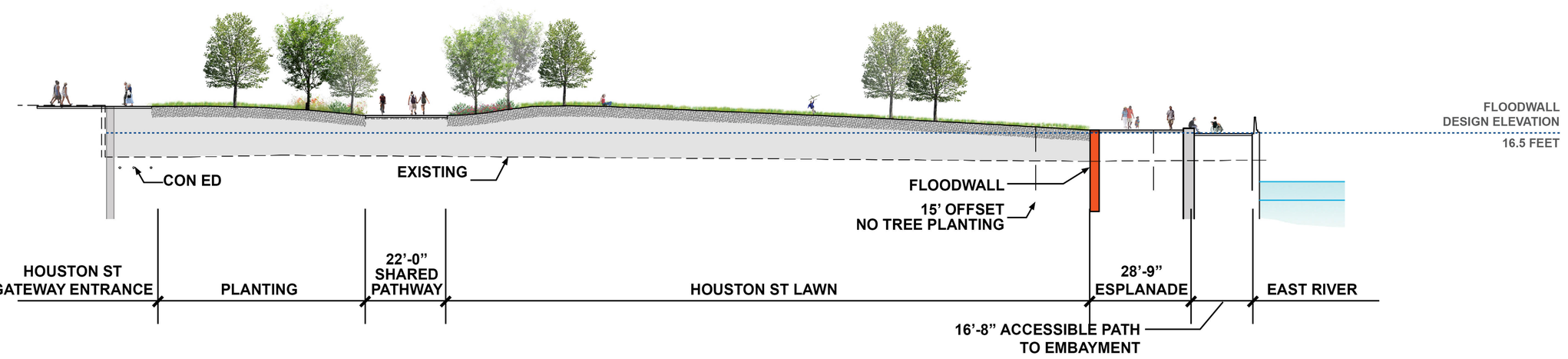
PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

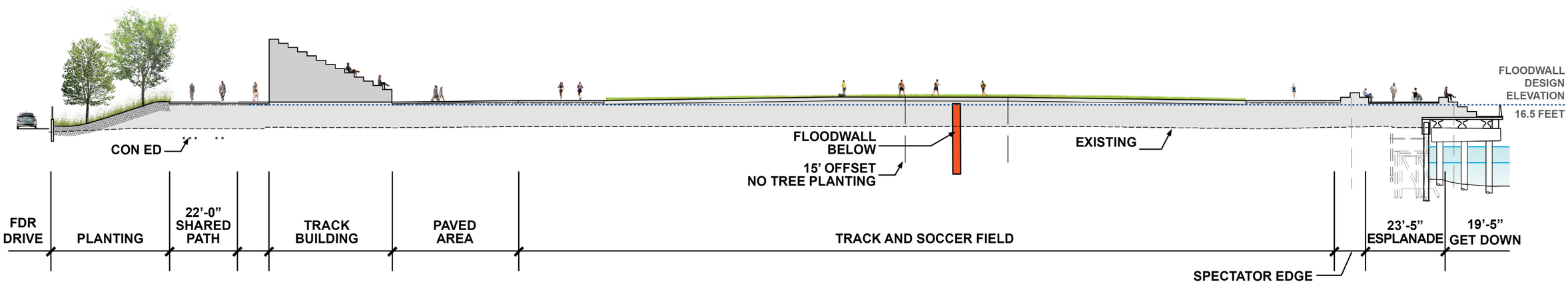




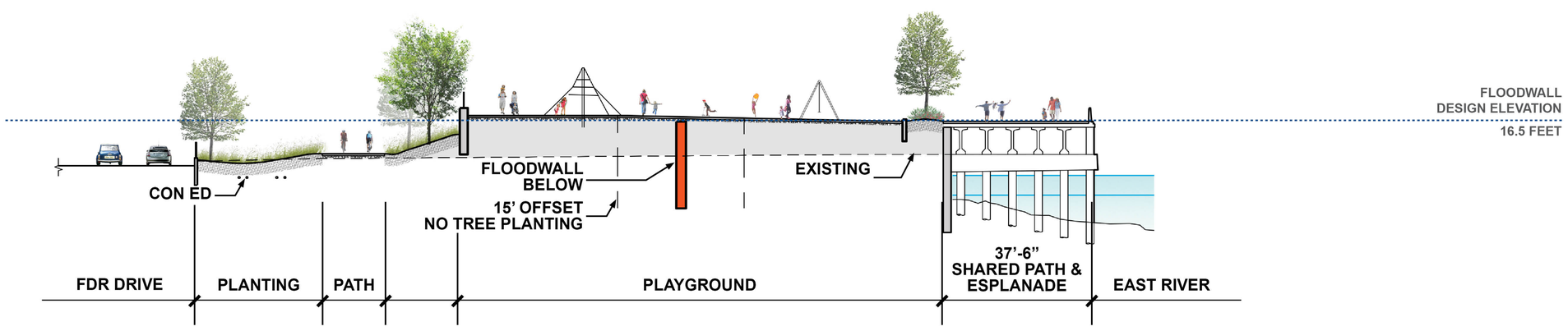
SECTION E TENNIS AND LAWN



SECTION F HOUSTON ST GATEWAY



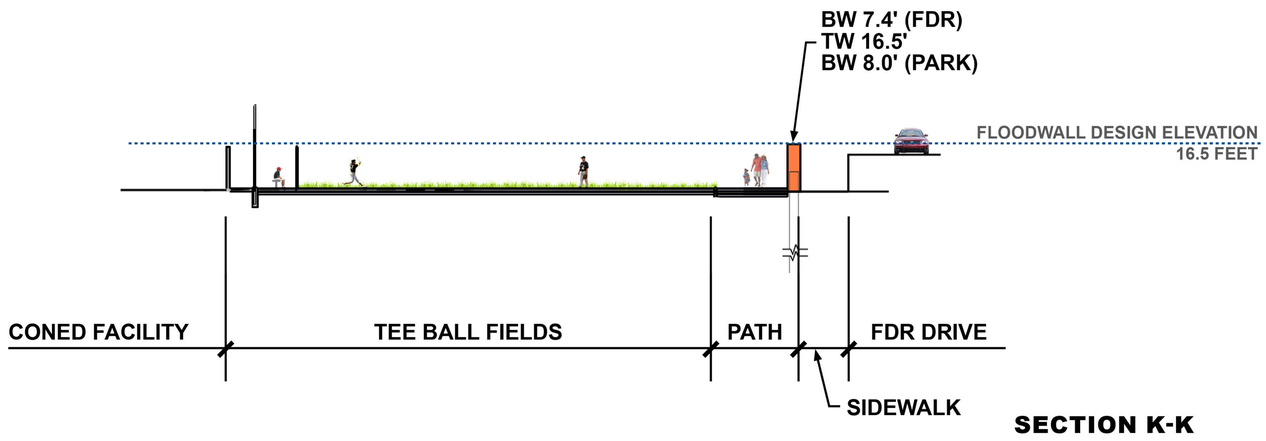
SECTION G TRACK AND FIELD



SECTION H 10TH ST. PLAYGROUND

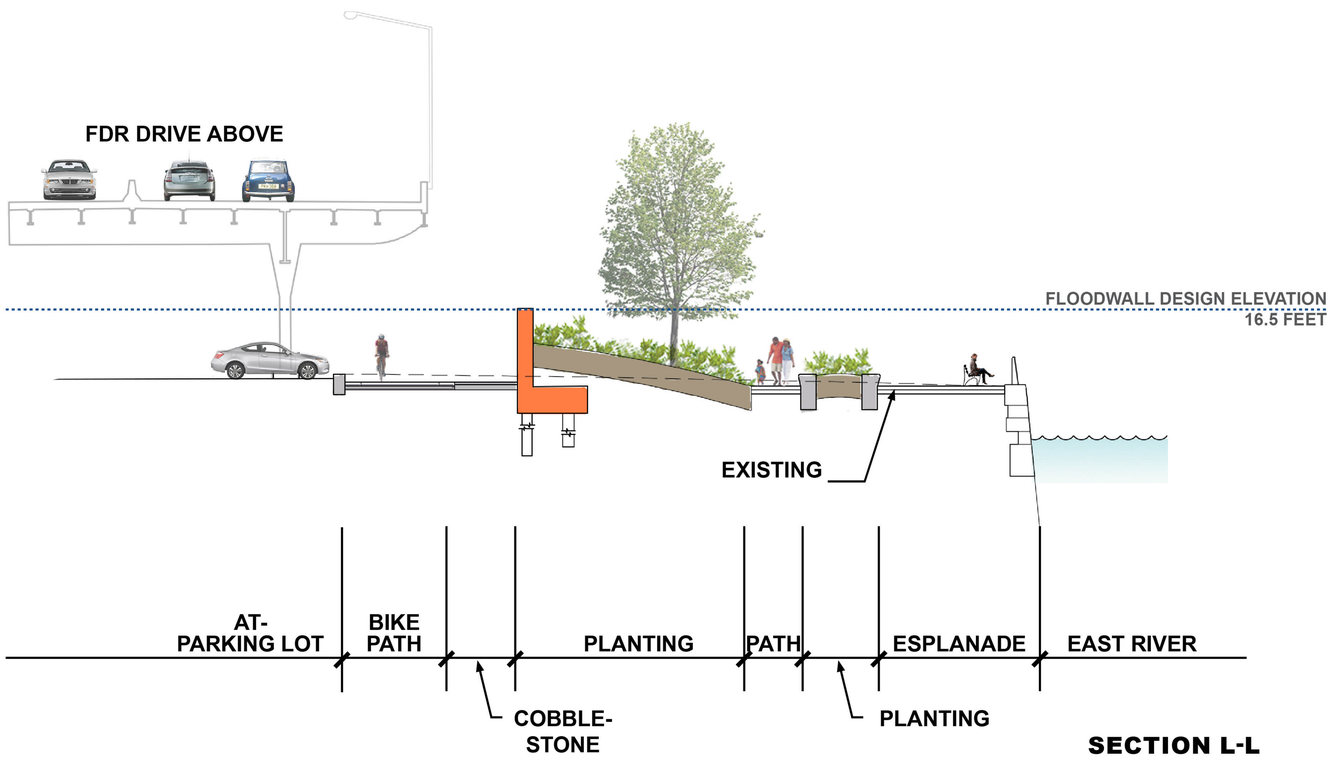
PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY



SECTION K-K

MURPHY BROTHERS PLAYGROUND



SECTION L-L

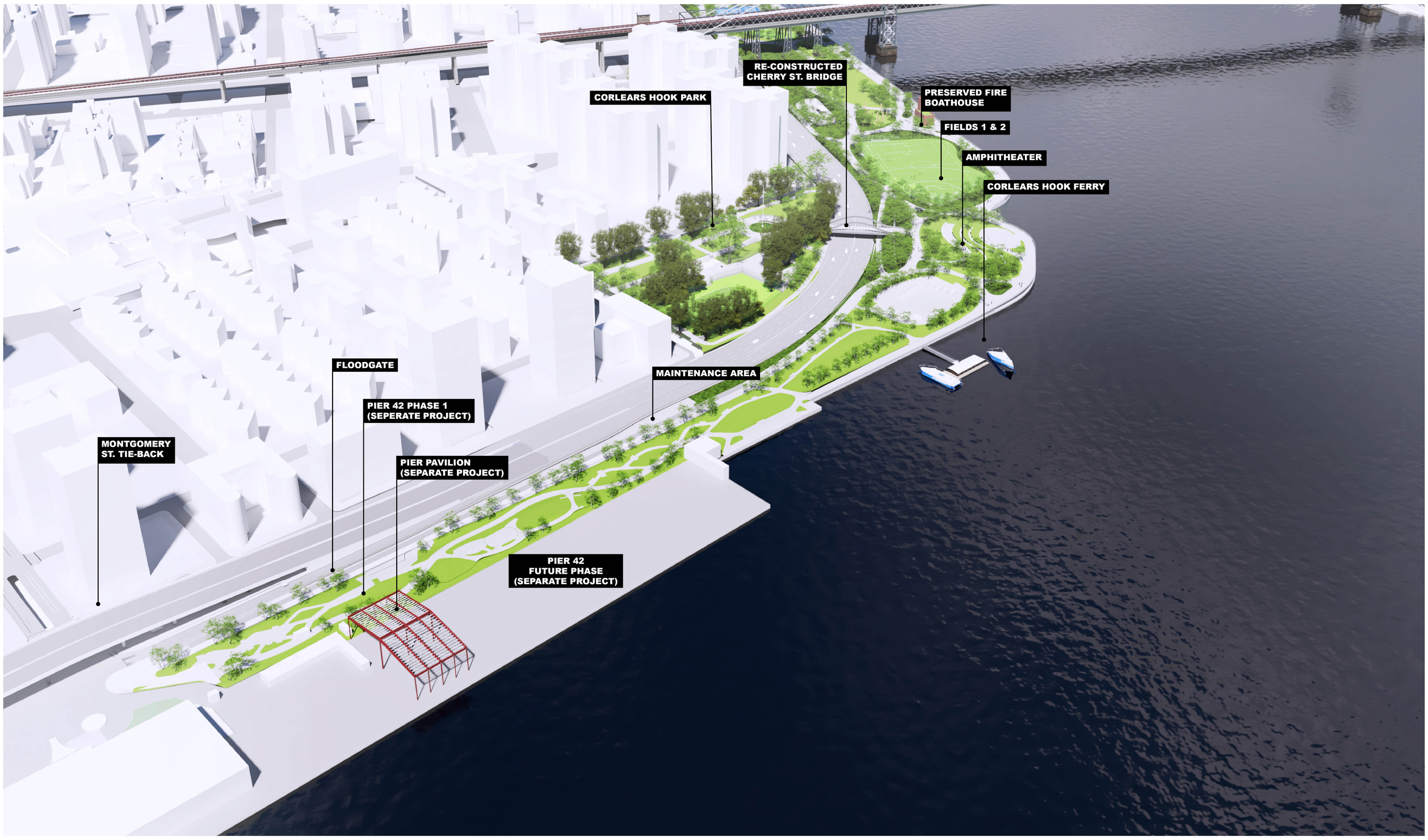
STUYVESANT COVE PARK

SECTION M-M

ASSER LEVY PLAYGROUND

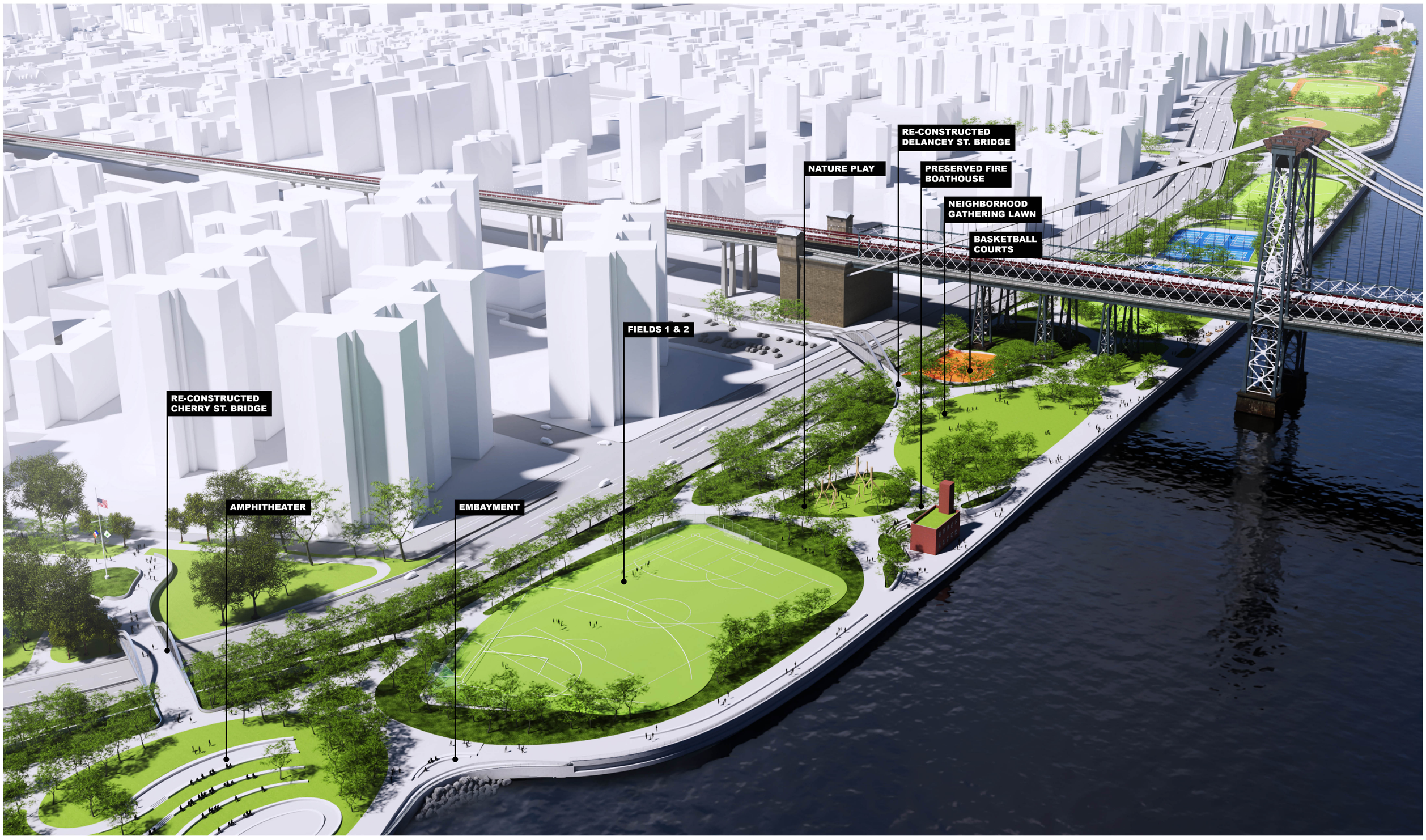
PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY



PIER 42 AREA

CURRENT PLAN

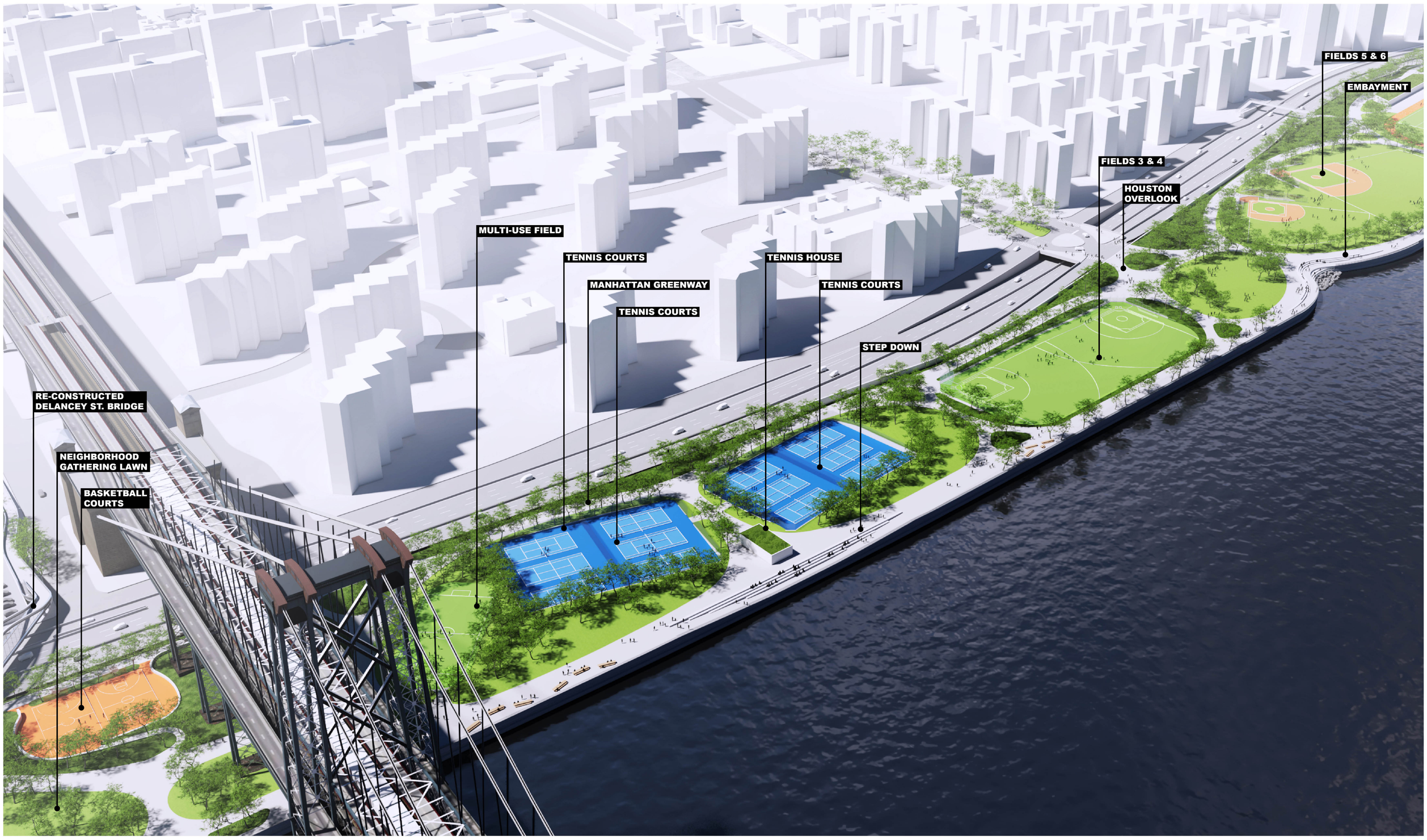


DELANCEY ST. AREA

CURRENT PLAN

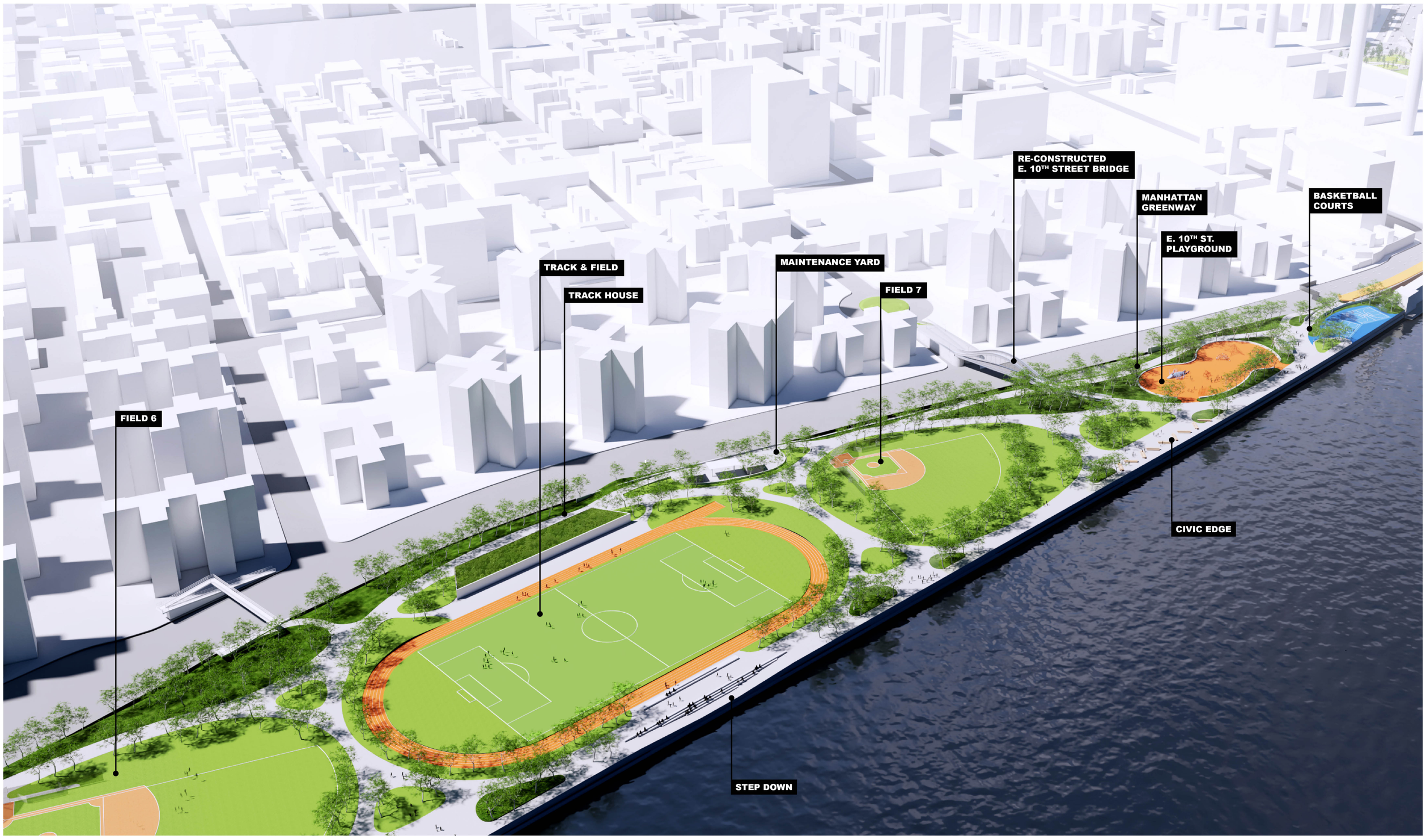
PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY



BARUCH HOUSES AREA

CURRENT PLAN



E. 10TH ST. AREA

CURRENT PLAN

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

DELANCEY ST. AREA OVERVIEW

CURRENT PLAN

DELANCEY ST. AREA OVERVIEW

CURRENT PLAN - STORM CONDITIONS

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

HOUSTON ST. AREA OVERVIEW

CURRENT PLAN

HOUSTON ST. AREA OVERVIEW

CURRENT PLAN

PARK PROGRAMMING & LAYOUT

EAST SIDE COASTAL RESILIENCY

TRACK & FIELD AREA

CURRENT PLAN

TRACK & FIELD AREA

CURRENT PLAN - STORM CONDITIONS

PARK PROGRAMMING & LAYOUT

COMMUNITY INPUT

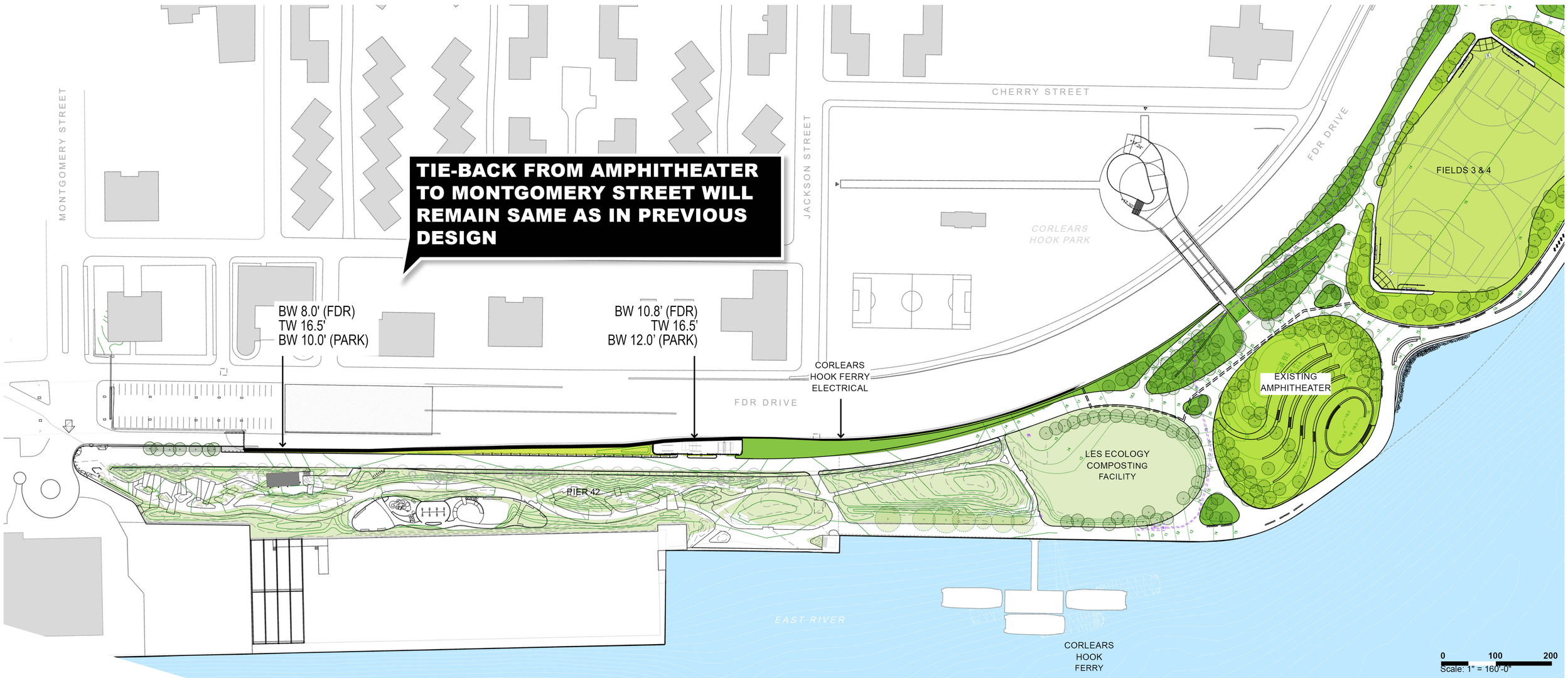
WHAT DO YOU THINK ABOUT THE RAISED EAST RIVER PARK DESIGN?

ARE WE MISSING ANYTHING?

LET US KNOW YOUR THOUGHTS ON THIS CARD OR ON THE MAP!

MONTGOMERY ST. TIE-BACK & PIER 42 AREA

EAST SIDE COASTAL RESILIENCY



LEGEND

- ESCR LIMIT OF WORK
- FLOODWALL
- CONED TUNNEL / TROUGH
- FENCE
- REGULATORS

- SYNTHETIC TURF
- LAWN AREA
- PLANTED AREA
- EXISTING TREES
- PROPOSED TREES
- BW X.X' - BOTTOM OF WALL
- TW X.X' - TOP OF WALL

MONTGOMERY ST. TIE-BACK AND PIER 42 PARK AREA

PRELIMINARY DESIGN (UNCHANGED)

MONTGOMERY ST. TIE-BACK AND PIER 42 PARK AREA

PRELIMINARY DESIGN (UNCHANGED)

MONTGOMERY ST. TIE-BACK & PIER 42 AREA

EAST SIDE COASTAL RESILIENCY

MONTGOMERY ST. TIE-BACK

PRELIMINARY DESIGN (UNCHANGED)

MONTGOMERY ST. TIE-BACK

PRELIMINARY DESIGN (UNCHANGED)

PROJECT AREA 2

EAST SIDE COASTAL RESILIENCY

STUYVESANT COVE PARK AREA

PRELIMINARY DESIGN

MURPHY BROTHERS PLAYGROUND

PRELIMINARY DESIGN

PROJECT AREA 2

EAST SIDE COASTAL RESILIENCY

SOLAR 1 ENVIRONMENTAL EDUCATION CENTER (SEPARATE PROJECT)

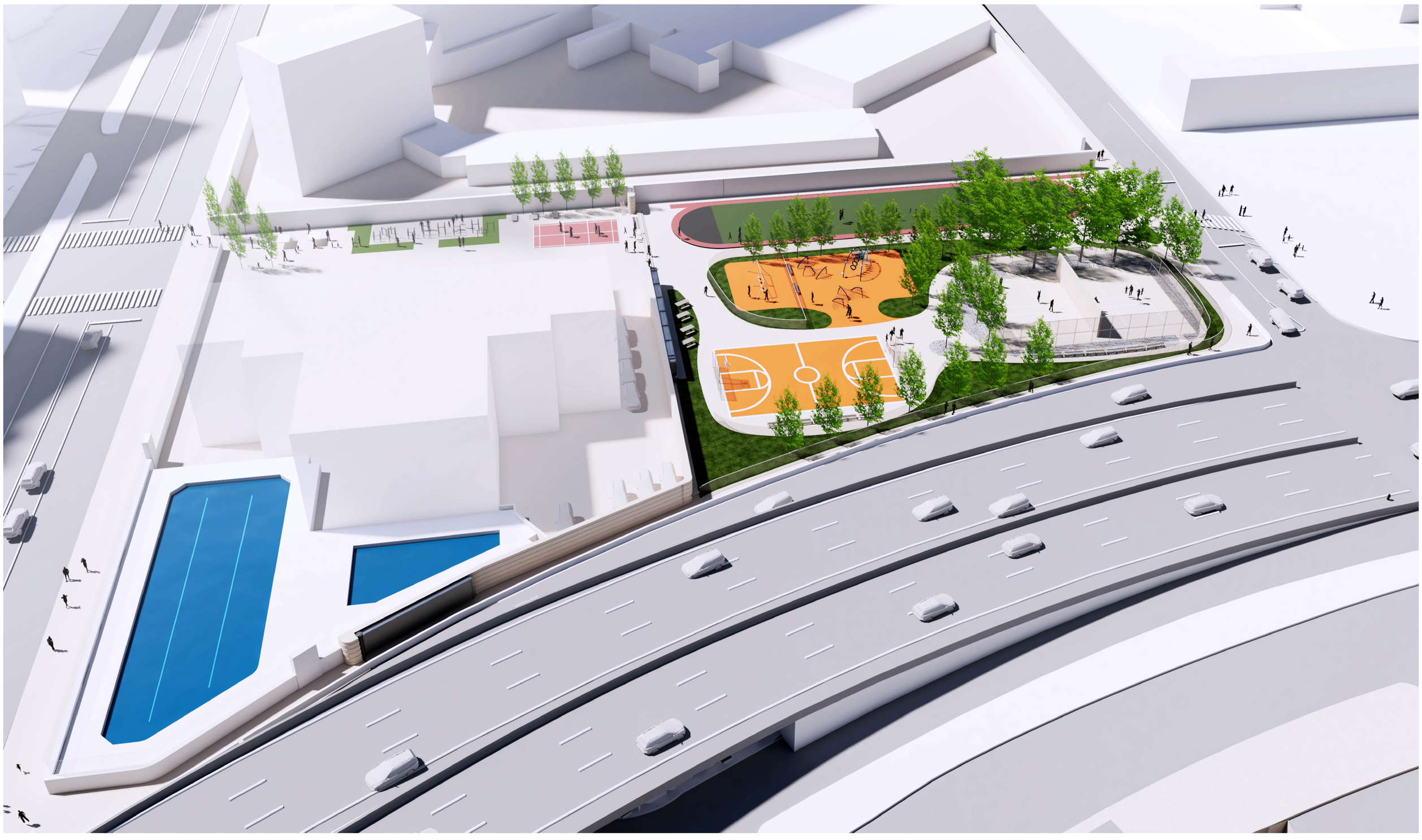
PRELIMINARY DESIGN

STUYVESANT COVE PARK

PRELIMINARY DESIGN

PROJECT AREA 2
EAST SIDE COASTAL RESILIENCY

STUYVESANT COVE PARK
PRELIMINARY DESIGN



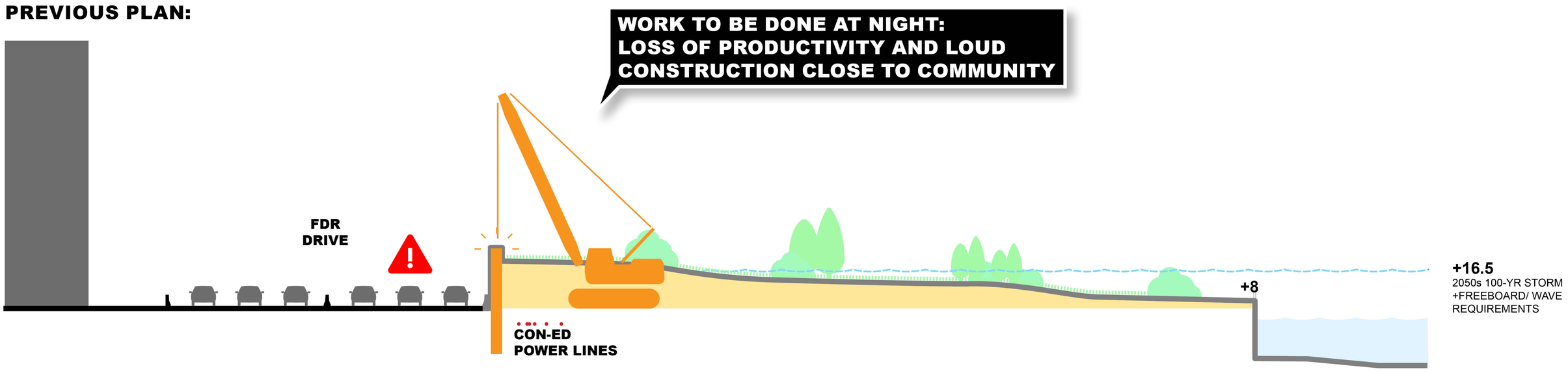
ASSER LEVY PLAYGROUND
PRELIMINARY DESIGN

PROCESS, SCHEDULE, & CONSTRUCTION

CONSTRUCTION IMPACTS

EXISTING CONDITIONS:

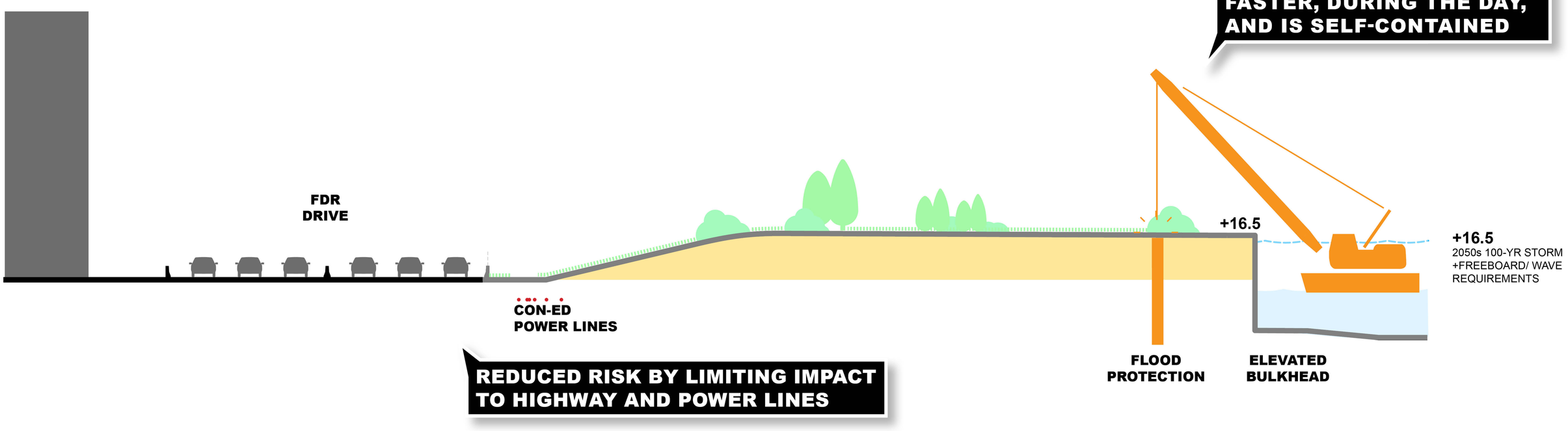
PREVIOUS PLAN:



PREVIOUS PLAN
FLOOD PROTECTION ALONG FDR

CURRENT PLAN:
FLOOD PROTECTION ALONG EAST RIVER

CURRENT PLAN:



PROCESS, SCHEDULE & CONSTRUCTION

EAST SIDE COASTAL RESILIENCY

LEGEND

CB = COMMUNITY BOARD
DEIS = DRAFT ENVIRONMENTAL IMPACT STATEMENT
PDC = PUBLIC DESIGN COMMISSION
ULURP = UNIFORM LAND USE REVIEW PROCEDURE

GROUND BREAKING

DESIGN & CONSTRUCTION

CONCEPT DESIGN → PRELIMINARY DESIGN → FINAL DESIGN → PROCUREMENT → CONSTRUCTION

ENVIRONMENTAL REVIEW

DRAFT SCOPE OF WORK → DRAFT EIS → DEIS ISSUED ◆ → PUBLIC REVIEW & FINAL EIS → FEIS ISSUED ◆

APPROVALS & PERMITTING

PREPARATION → PDC CONCEPTUAL DESIGN ◆ → ULURP CERTIFICATION ◆ → PDC PRELIMINARY DESIGN ◆ → JOINT PERMIT APPLICATION ◆ → CITY COUNCIL REVIEW ENDS ◆ → PDC FINAL DESIGN ◆

COMMUNITY ENGAGEMENT

COMMUNITY ENGAGEMENT MEETINGS → COMMUNITY ENGAGEMENT MEETINGS → COMMUNITY ENGAGEMENT MEETINGS

COMMUNITY BOARD MEETINGS

CB3 & CB6 COMMITTEES ◆ → CB3 & CB6 FULL BOARDS ◆ → CB3 & CB6 FULL BOARDS ◆ → CB3 & CB6 COMMITTEES ◆ → CB3 & CB6 FULL BOARDS ◆

FALL 2018 | WINTER 2019 | SPRING 2019 | SUMMER 2019 | FALL 2019 | WINTER 2020 | SPRING 2020

ROLL-OUTS

20TH STREET
23RD STREET
ASSER LEVY
RECREATION
CENTER
ASSER LEVY
PLAYGROUND
FDR DRIVE
SOLAR
ONE
STUYVESANT
COVE PARK
AVENUE C
MURPHY
BROTHERS
PLAYGROUND
& BALL FIELDS
FDR DRIVE
EAST RIVER
20TH STREET
FERRY
PROJECT AREA 2 PLAN
12/10/2018
0
80'
240'
N

ESCR PARK PLAN

12/10/2018

CURRENT PLAN

12/10/2018