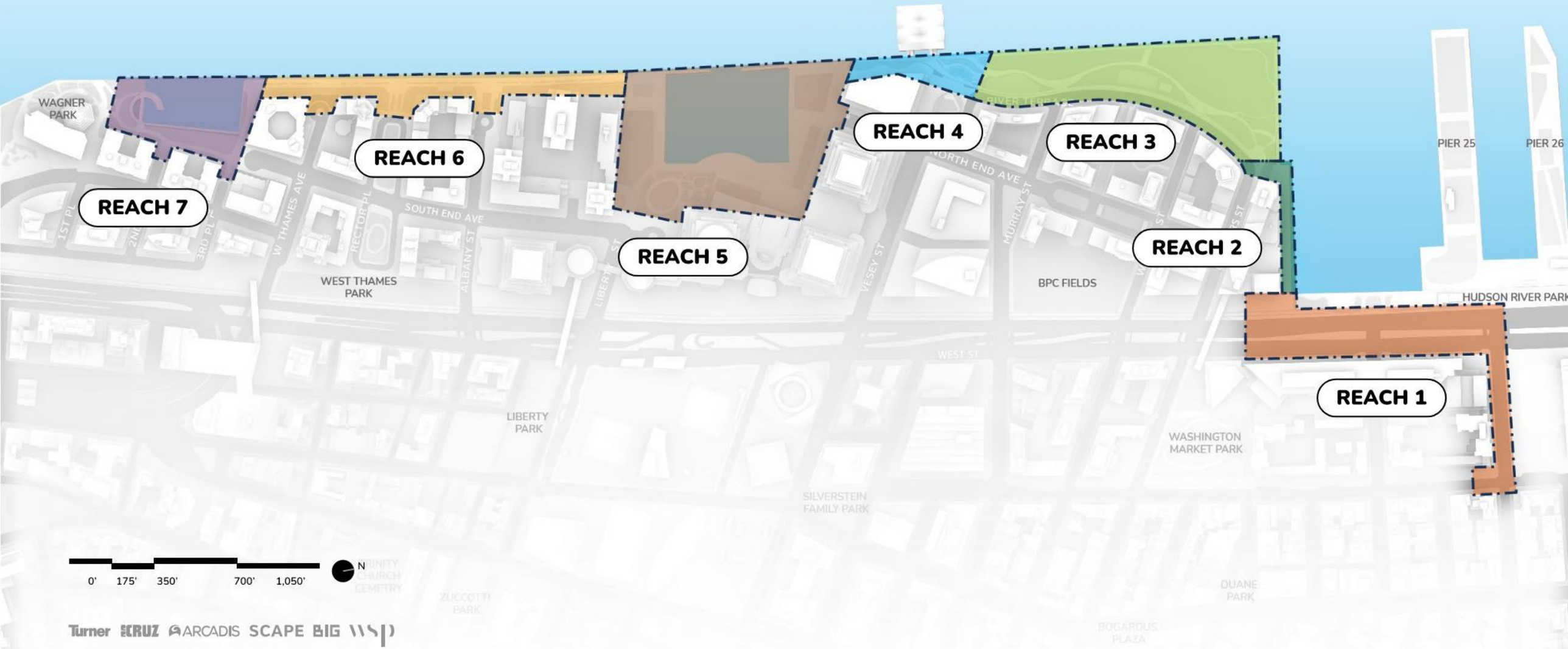
Battery Park City Authority

Northwest Battery Park City Resiliency Reach 1 and 5 Updates



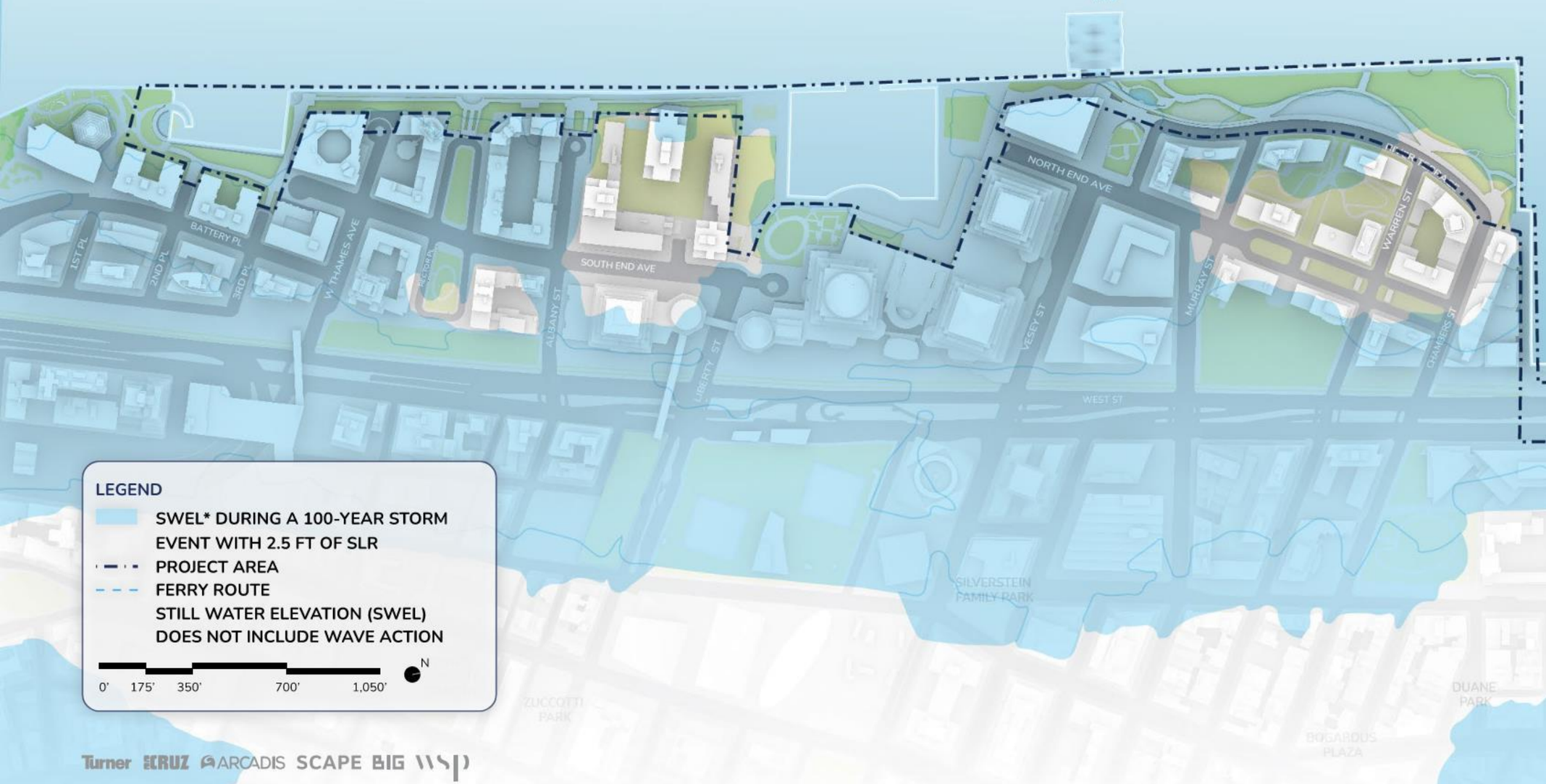
Community Board 1
April 16, 2024

Project Site



Turner CRUZ ARCADIS SCAPE BIG WSP

Future Flood Risk



REACH 1
NORTH MOORE ST. + 9A

North Moore St.

Independence Plaza

Borough of Manhattan Community College

Hudson River Park

West St. / 9a

Greenwich St.

N

Turner CRUZ ARCADIS SCAPE BIG WSP

Reach 1 | Existing Condition





5 Trees

Street Park Along Both Side of Street

Lack of Greenery Along Most of the Street

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT

N MOORE STREET

GREENWICH STREET

#199 CHAMBERS ST
BOROUGH OF MANHATTAN
COMMUNITY COLLEGE
MULTI-STY BRICK
COMPLEX BLDG

BOROUGH OF MANHATTAN
COMMUNITY COLLEGE

#80
39-STY
RESIDENTIAL
BRICK BLDG

"INDEPENDENCE PLAZA"
RESIDENTIAL
COMPLEX
BRICK BLDG

Turner KRUZ ARCADIS SCAPE BIG WSP

Reach 1 N. Moore Street | Existing

Existing with Flood Barrier Line Overlay



Independence Plaza

80

+ 13.00'

Reach 1 N. Moore Street | Proposed



Proposed Planter

FBS Wall
Materiality under Development

Top of Wall: +16'

3'

+ 13.00'

DOT Standard Sidewalk

Con Ed Utilities


Reach 1 | Current Design
Planters Removed to Increase Circulation Width
5 Trees Removed Due to 15' Fbs Offset
Overall Sidewalk Width Reduced
Planting Added Along Residential Facade
NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
N MOORE STREET
GREENWICH STREET
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
"INDEPENDENCE PLAZA" RESIDENTIAL COMPLEX BRICK BLDG

Reach 1 | Op A Planter

Planting Strip Added Along Residential Stretch

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT

N MOORE STREET

#199 CHAMBERS ST
BOROUGH OF MANHATTAN
COMMUNITY COLLEGE
MULTI-STY BRICK
COMPLEX BLDG

BOROUGH OF MANHATTAN
COMMUNITY COLLEGE

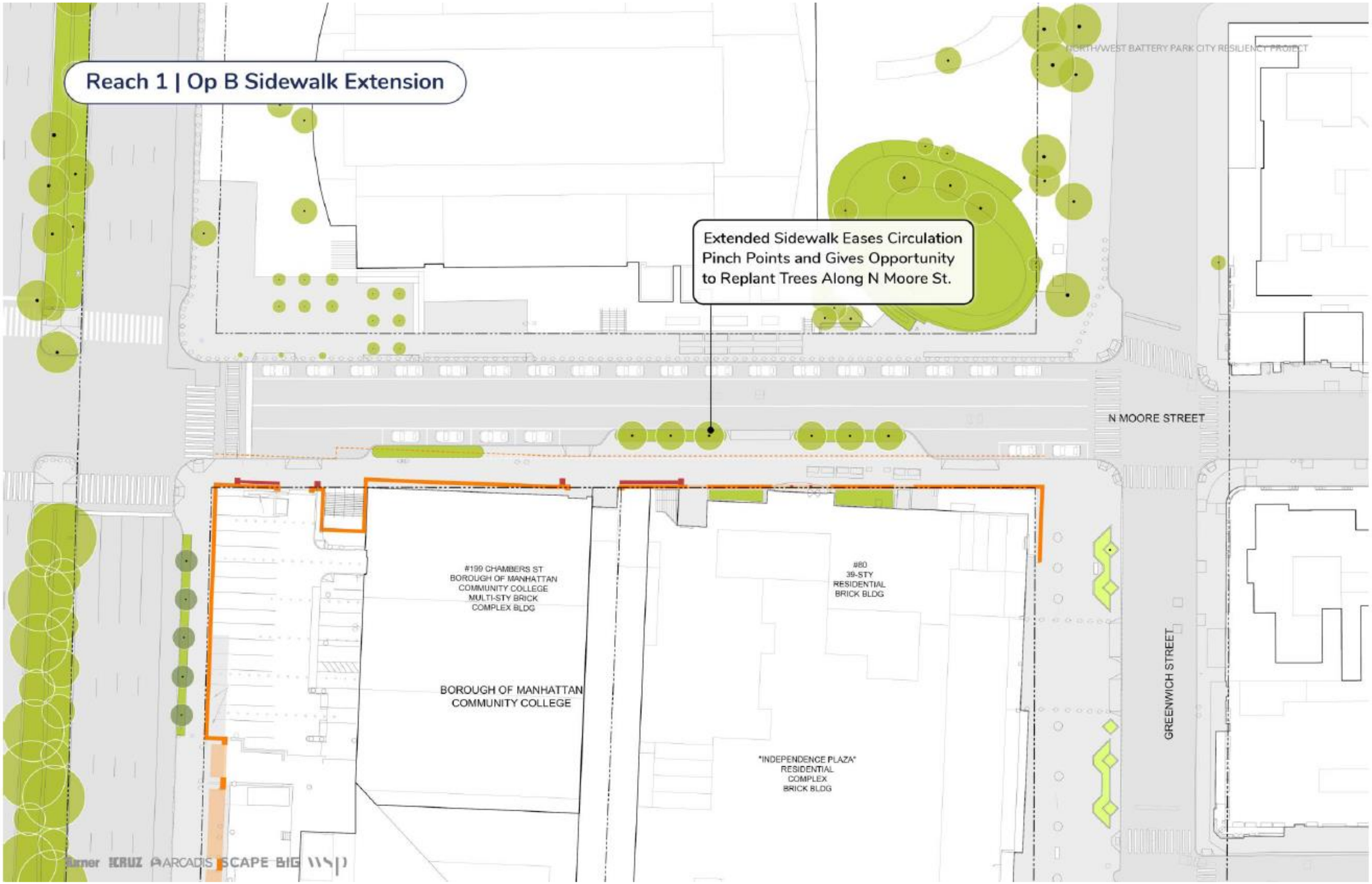
#80
39-STY
RESIDENTIAL
BRICK BLDG

"INDEPENDENCE PLAZA"
RESIDENTIAL
COMPLEX
BRICK BLDG

GREENWICH STREET

Turner KRUZ ARCADIS SCAPE BIG WSP

Reach 1 | Op A Planter


Reach 1 | Op B Sidewalk Extension
Extended Sidewalk Eases Circulation Pinch Points and Gives Opportunity to Replant Trees Along N Moore St.
NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
N MOORE STREET
#199 CHAMBERS ST
BOROUGH OF MANHATTAN
COMMUNITY COLLEGE
MULTI-STY BRICK
COMPLEX BLDG
BOROUGH OF MANHATTAN
COMMUNITY COLLEGE
#80
39-STY
RESIDENTIAL
BRICK BLDG
"INDEPENDENCE PLAZA"
RESIDENTIAL
COMPLEX
BRICK BLDG
GREENWICH STREET
Turner
KRUZ
ARCADIS
SCAPE
BIG

Reach 1 | Op B Sidewalk Extension



Reach 1 N. Moore Street | Investigation of sidewalk extension for tree canopy

Option ongoing with NYCDOT

Borough of Manhattan
Community College

Independence
Plaza

Potential Enhanced Streetscape
and Canopy (Under Study)

Citi Headquarters

Reach 1 N. Moore Street | Existing



+ 12.00’

Reach 1 N. Moore Street | Existing

Existing with Flood Barrier Line Overlay



+ 12.00’

Reach 1 | Existing View

N MOORE ST



Reach 1 | Proposed View

N MOORE ST




Reach 1 | Existing View
N MOORE ST

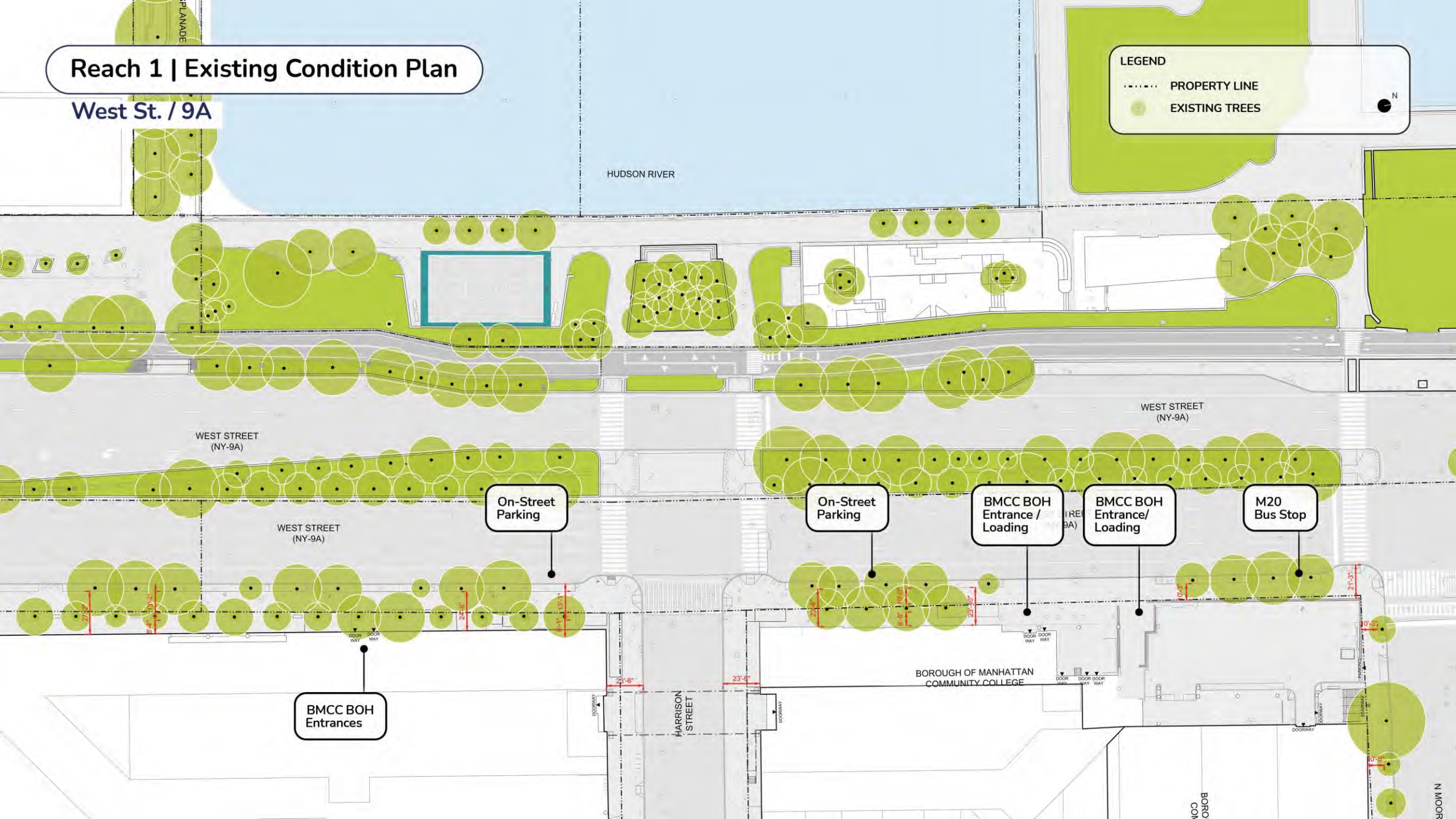
Reach 1 | Proposed View

N MOORE ST



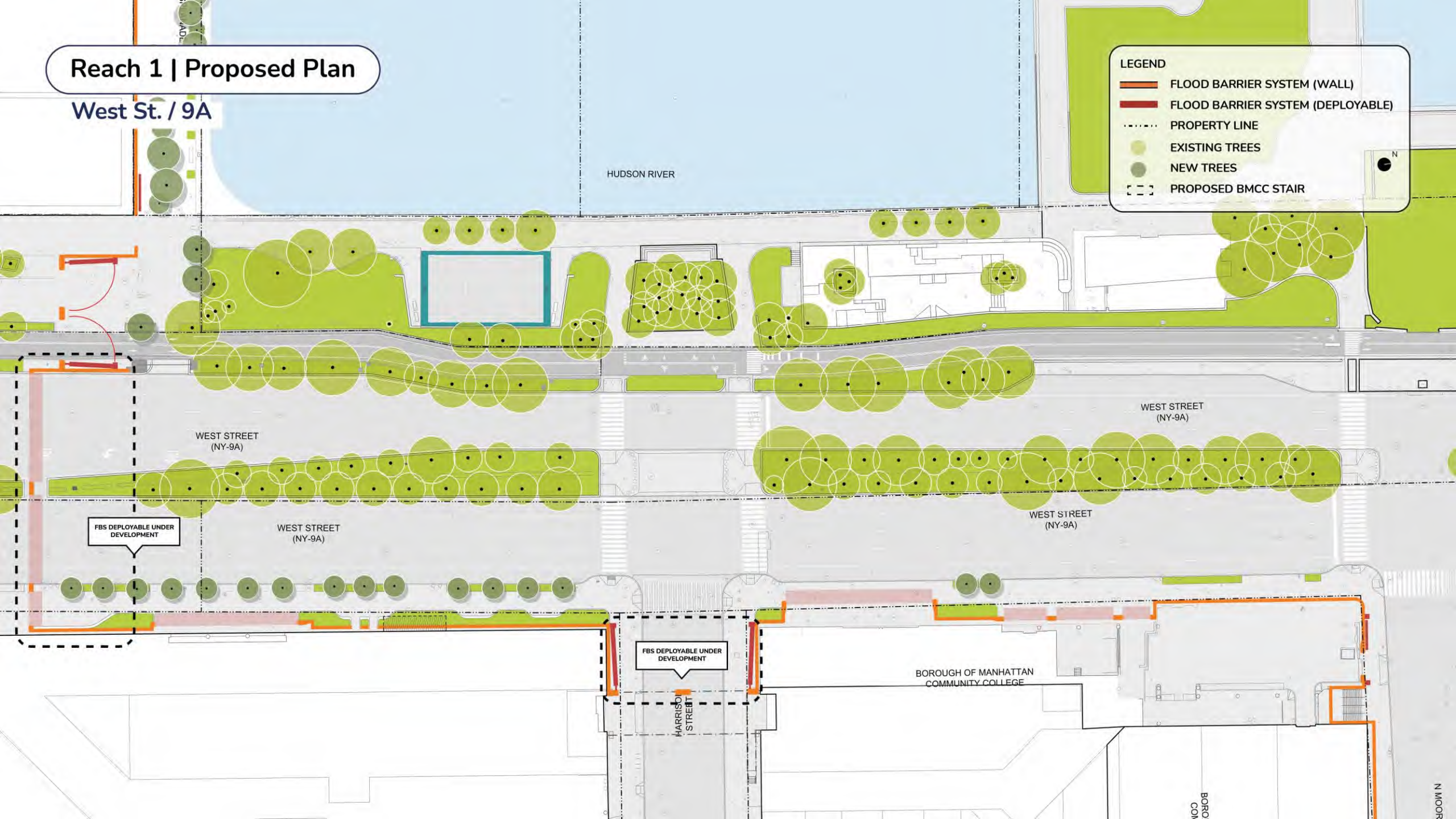
Reach 1 | Existing Condition Plan

West St. / 9A



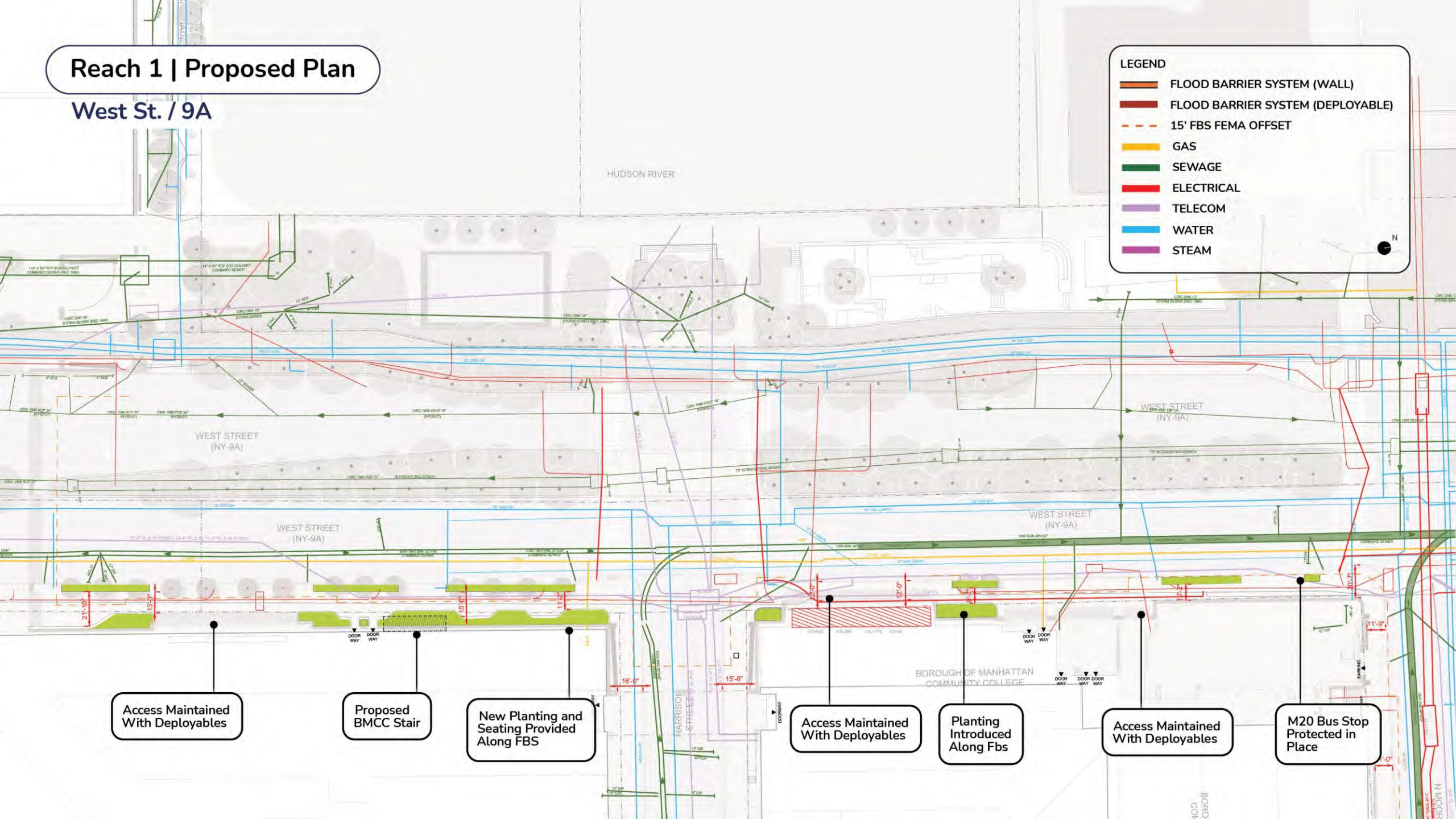
Reach 1 | Proposed Plan

West St. / 9A



Reach 1 | Proposed Plan

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed View

West St. / 9A



Reach 1 | Proposed Axon

West St. / 9A



FBS | EXISTING CONTEXT

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner-CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH

R1 | WEST ST/9A

SITE MATCH:
FACADE

SITE MATCH:
FACADE

SITE MATCH:
FACADE

SITE MATCH:
FACADE

NEW YORK
STATE OF
OPPORTUNITY

Battery Park
City Authority

Turner ECRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 1.

R1 | WEST ST/9A

NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 2.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 3.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 4.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner-CRUZ ARCADIS SCAPE BIG WSP

FBS | EXISTING CONTEXT



FBS | CONTEXT MATCH

SITE MATCH:
FACADE

SITE MATCH:
FACADE

SITE MATCH:
FACADE

CROWN
PRODUCTS

City Authority

Turner CRUZ ARCADIS SCAPE BIG

FBS | CONTEXT MATCH OPT 1.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY
Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 2.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY

Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 3.

R1 | WEST ST/9A



NEW YORK STATE OF OPPORTUNITY
Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

FBS | CONTEXT MATCH OPT 4.

R1 | WEST ST/9A

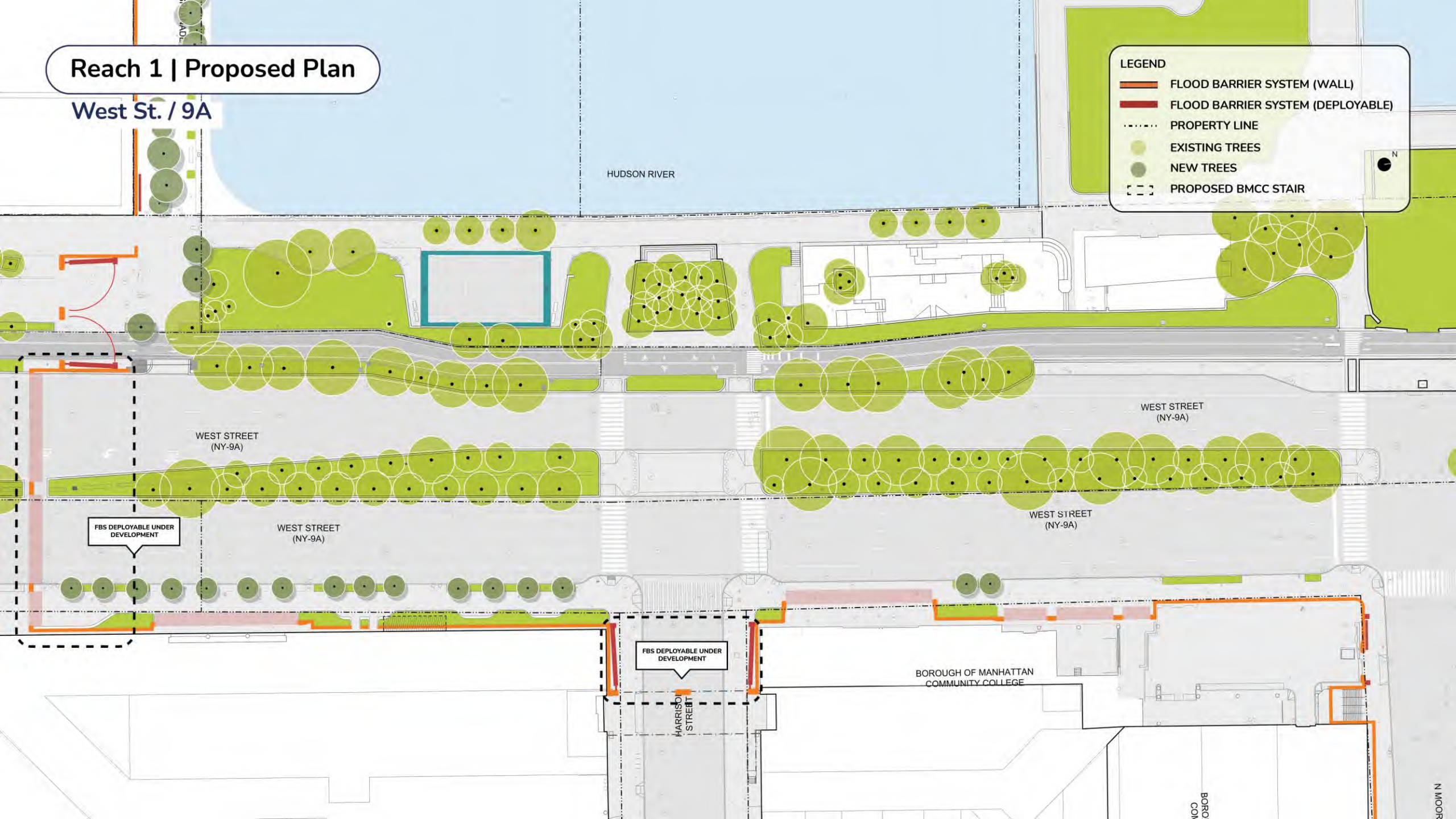


Battery Park City Authority

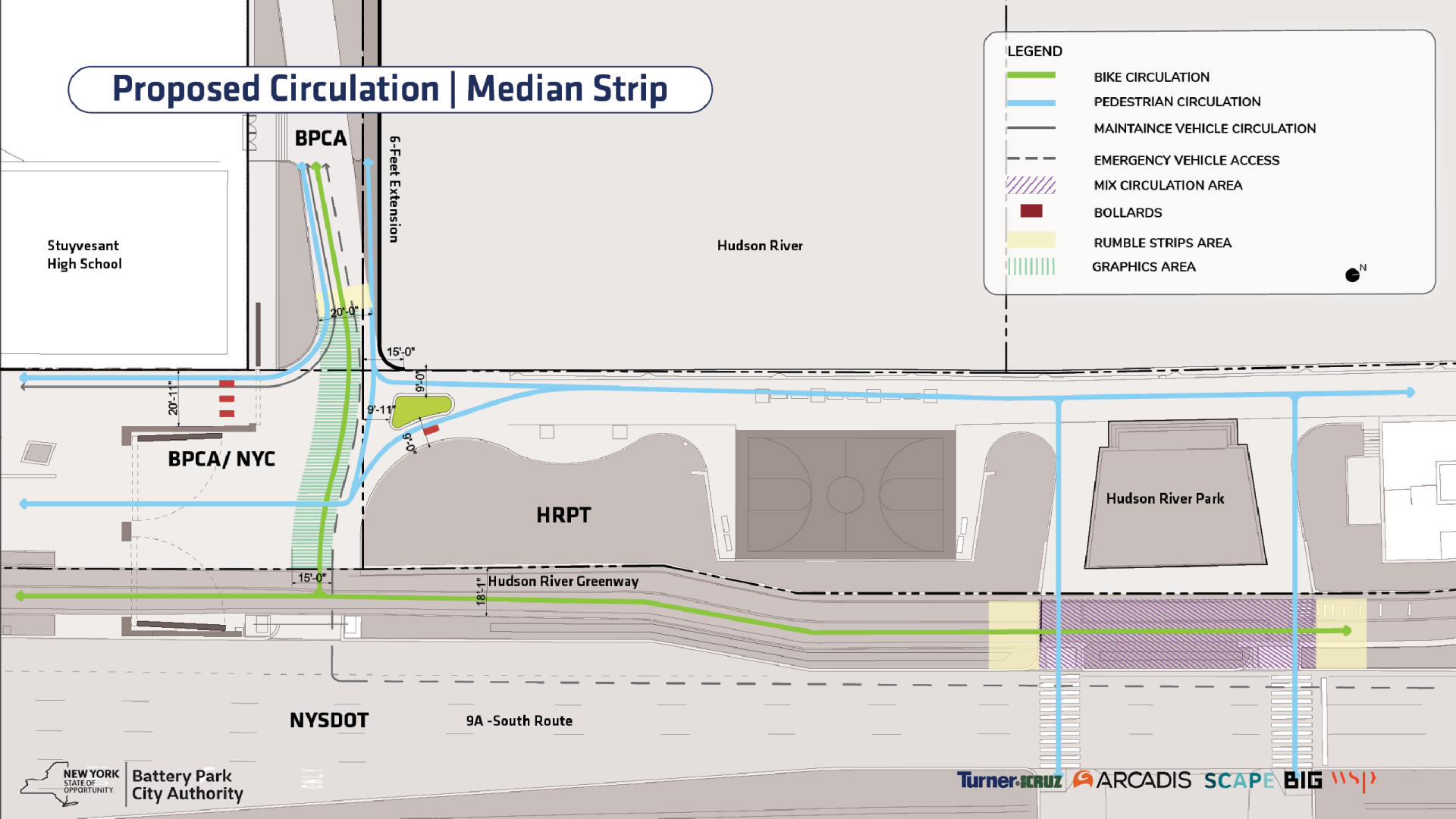
Turner CRUZ ARCADIS SCAPE BIG WSP

Reach 1 | Proposed Plan

West St. / 9A



Proposed Circulation | Median Strip



NEW YORK STATE OF OPPORTUNITY. Battery Park City Authority

Turner SCRUZ ARCADIS SCAPE BIG WSP

REACH 5
NORTH COVE MARINA

HUDSON RIVER

ESPLANADE PLAZA

NORTH COVE MARINA

BELVEDERE PLAZA

300 VESEY STREET

NORTH END AVE.

KOWSKY PLAZA

WATERFRONT PLAZA

250 VESEY STREET

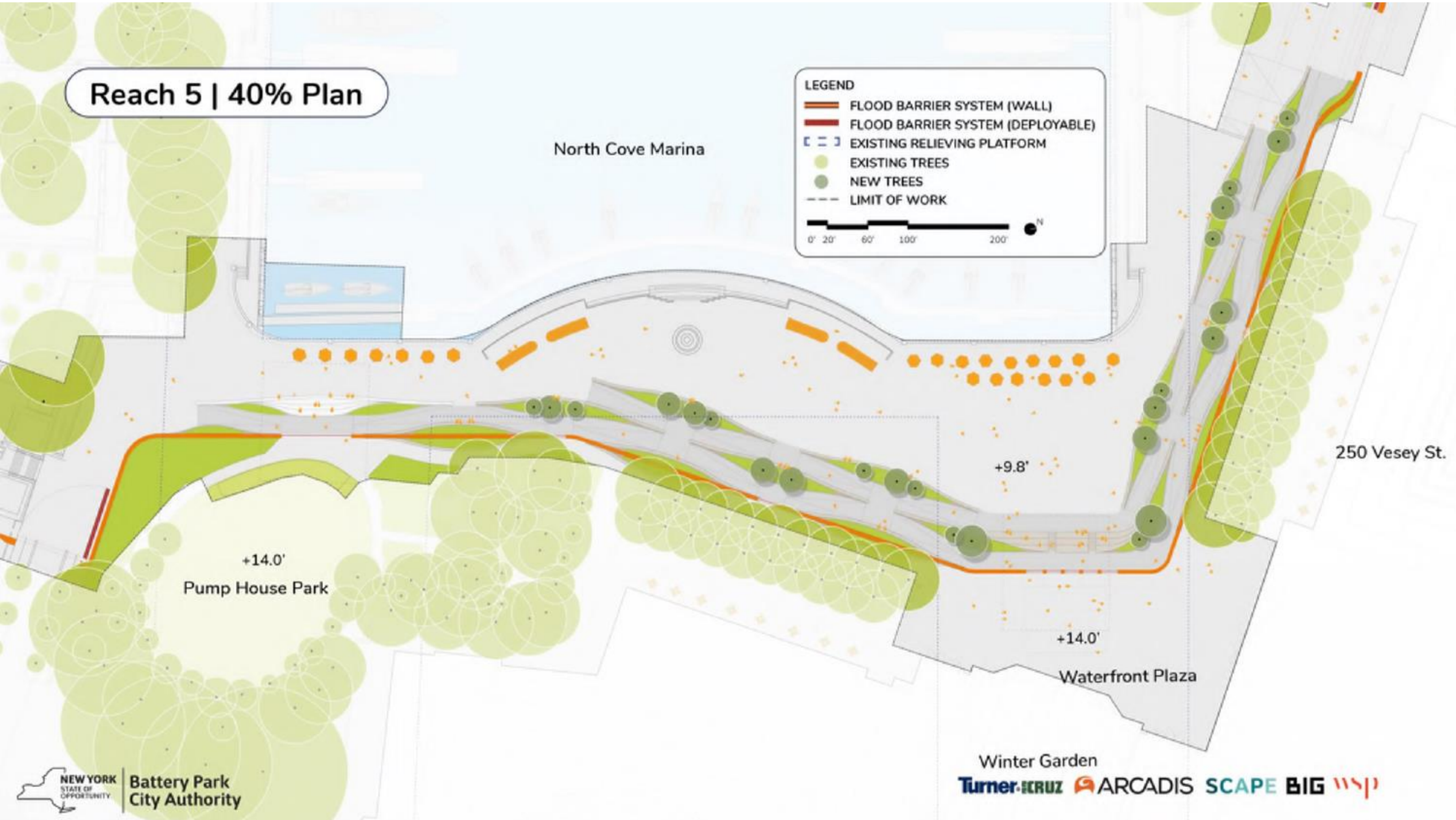
PUMP HOUSE PARK

225 LIBERTY STREET

SOUTH END AVE.

Turner CRUZ ARCADIS SCAPE BIG WSP

Reach 5 | 40% Plan



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

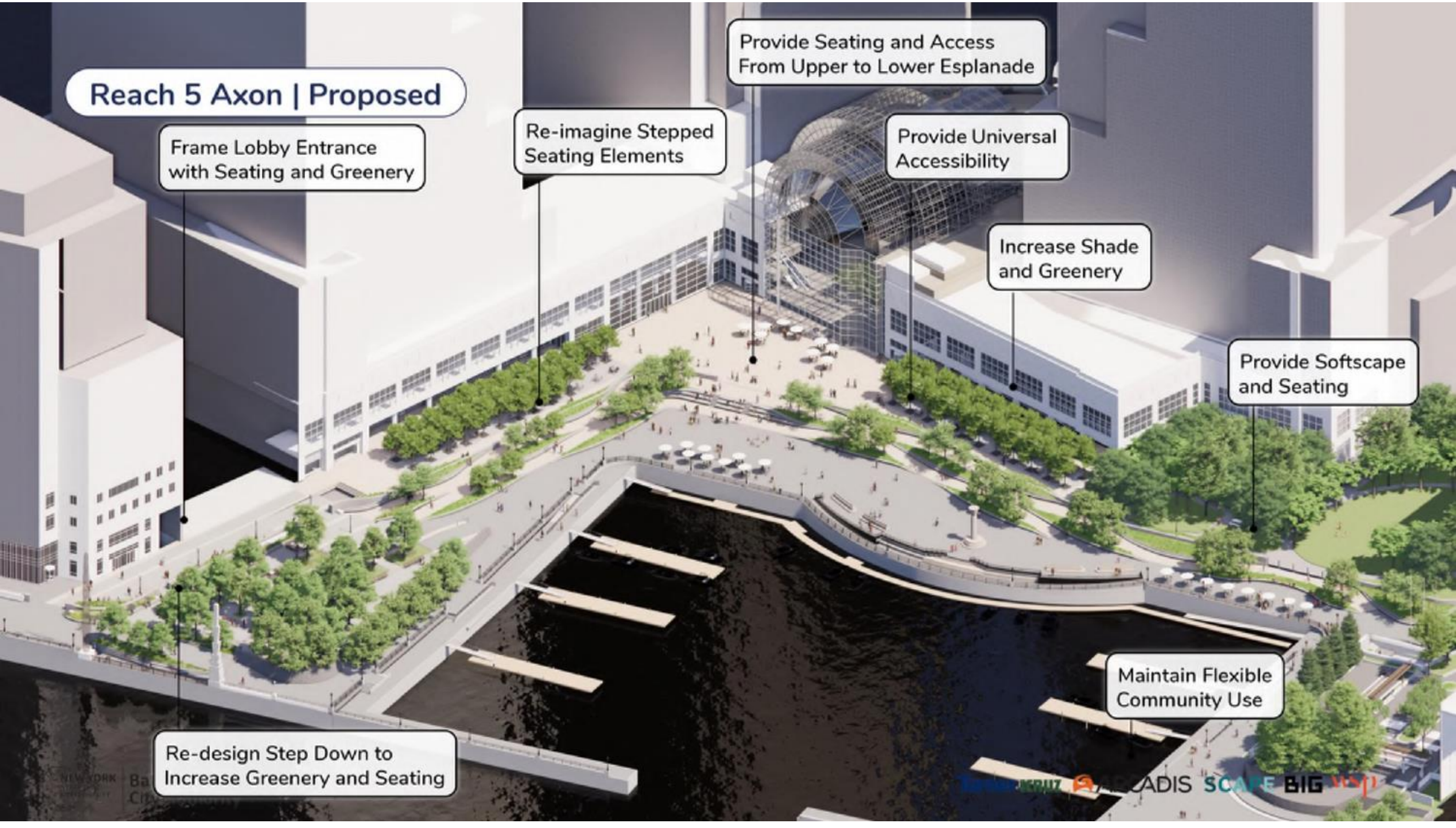
Turner·ICRUZ ARCADIS SCAPE BIG WSP

Reach 5 | Proposed 60% Plan



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner·KRUZ ARCADIS SCAPE BIG WSP


Reach 5 Axon | Proposed
Frame Lobby Entrance with Seating and Greenery
Re-imagine Stepped Seating Elements
Provide Seating and Access From Upper to Lower Esplanade
Provide Universal Accessibility
Increase Shade and Greenery
Provide Softscape and Seating
Maintain Flexible Community Use
Re-design Step Down to Increase Greenery and Seating

Reach 5 Belvedere Plaza | Existing

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



Turner CRUZ ARCADIS SCAPE BIG WSP



Reach 5 Belvedere Plaza | Existing

Existing with Flood Barrier Line Overlay

Reach 5 Belvedere Plaza | Proposed



Opening at 300 Vesey

Planters and Seating integrated Along FBS

EXISTING TREE

EXISTING TREE

EXISTING TREE

EXISTING TREE

EXISTING TREE

EXISTING TREE

FBS Wall
Materiality under Development

Top of Wall: +16.5’

+ 12.50’

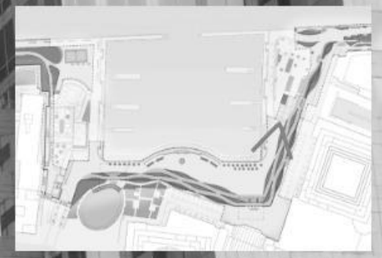
Reach 5 Waterfront Plaza | Existing



+ 9.80’

Reach 5 Waterfront Plaza | Existing

Existing with Flood Barrier Line Overlay



+ 9.80’

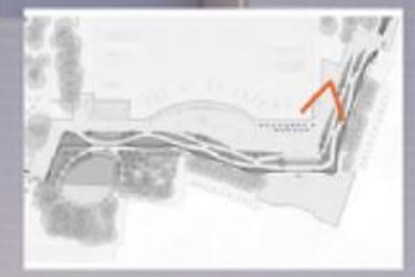
Reach 5 Waterfront Plaza | Proposed

New Trees and Planting

Universal Access Across Reach 5

FBS Wall
Wall Finishes Subject to 60% BPCA Direction

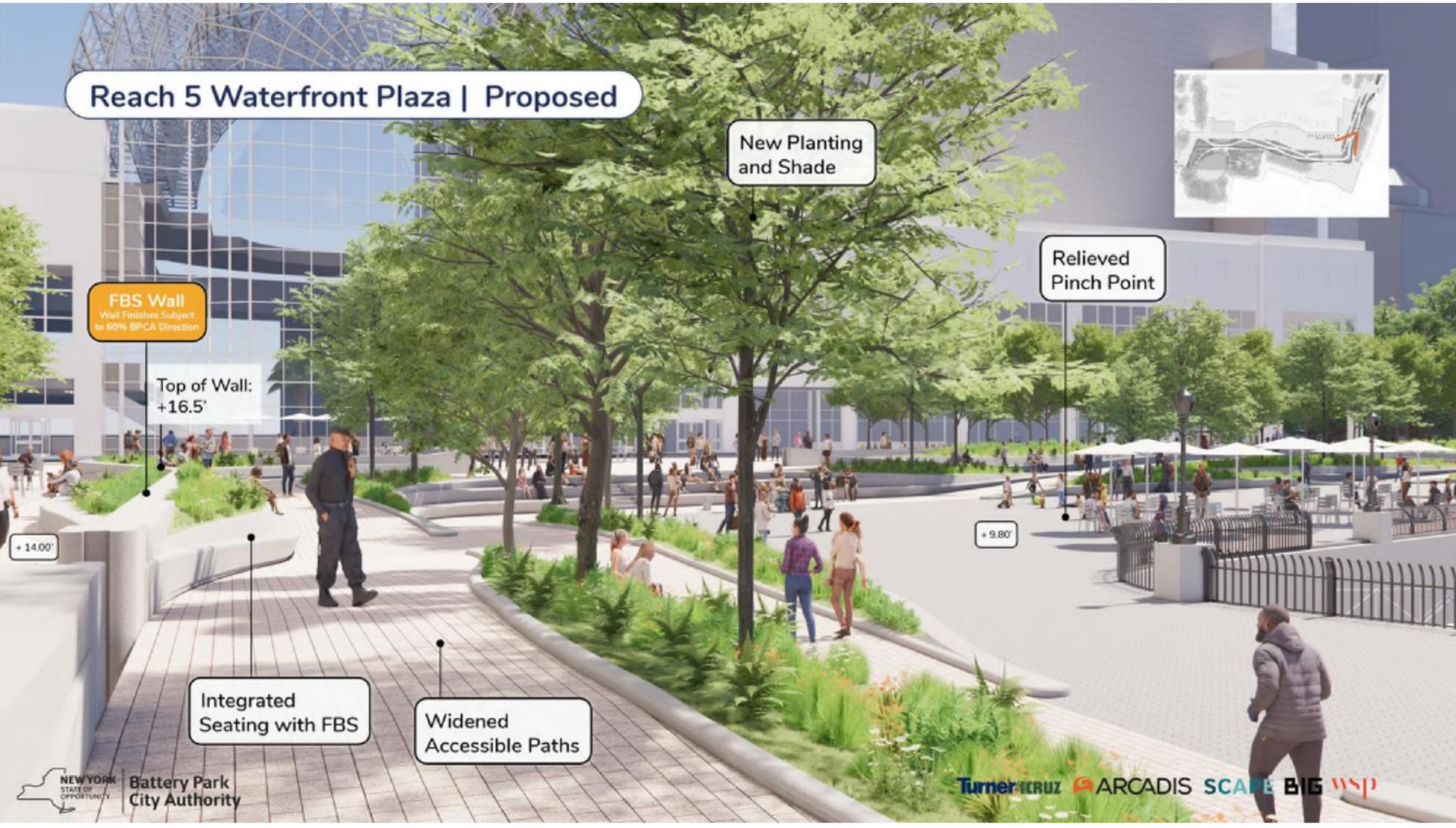
Top of Wall: +16.5'



+ 9.80'

NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner · ICRUZ · ARCADIS · SCAPE · BIG · WSP

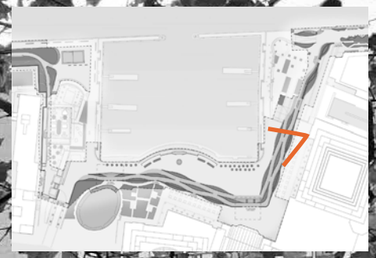

Reach 5 Waterfront Plaza | Proposed
New Planting and Shade
Relieved Pinch Point
FBS Wall
Wall Finishes Subject to 60% BPCA Direction
Top of Wall: +16.5'
+ 14.00'
+ 9.80'
Integrated Seating with FBS
Widened Accessible Paths
NEW YORK STATE OF OPPORTUNITY
Battery Park City Authority
Turner
CRUZ
ARCADIS
SCAPE
BIG
WSP

Reach 5 Dining Area | Existing



Reach 5 Dining Area | Existing

Existing with Flood Barrier Line Overlay



Reach 5 Dining Area | Proposed



Accessible Connection to Lower Esplanade

FBS Wall
Materiality under Development

Top of Wall: +16.5’

Marina Views Maintained

Sculptural Seating Along FBS

EXISTING TREE

EXISTING TREE

EXISTING TREE

Reach 5 Waterfront Plaza | Proposed

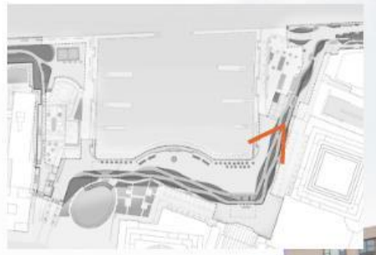


NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner Cruz ARCADIS SCAPE BIG WSP

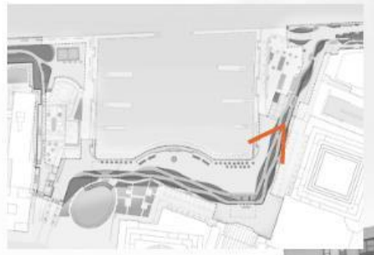
Reach 5 Waterfront Plaza | Existing

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



+ 9.80’

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



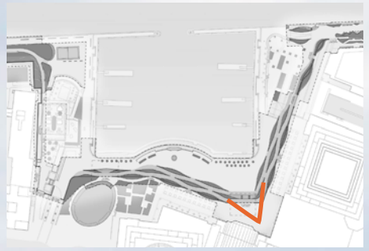
Reach 5 Waterfront Plaza | Existing

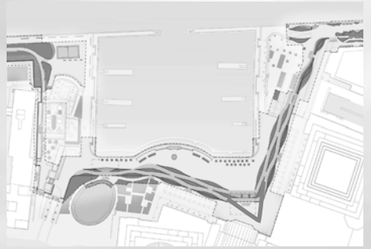
Existing with Flood Barrier Line Overlay

+ 9.80’

Turner ECRUZ ARCADIS SCAPE BIG WSP

Reach 5 Upper Plaza | Existing





Reach 5 Upper Plaza | Existing

Existing with Flood Barrier Line Overlay

Reach 5 Upper Plaza | Proposed



New Access to Lower Esplanade From Winter Garden Plaza

Open Plaza Maintained

Top of Wall: +16.5’

FBS Wall
Materiality under Development

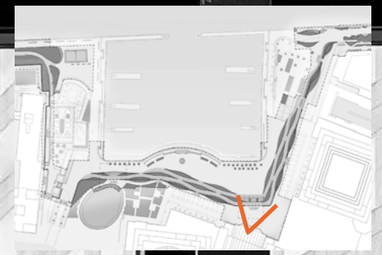
+ 14.00’

Reach 5 Winter Garden | Existing

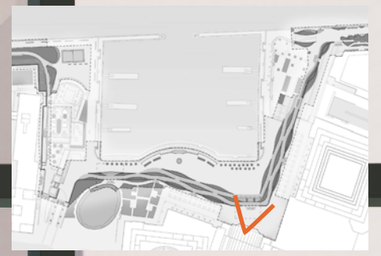


Reach 5 Winter Garden | Existing

Existing with Flood Barrier Line Overlay



Reach 5 Winter Garden | Proposed



New Access to Lower Esplanade From Upper Plaza

Exterior Dining Spaces Maintained

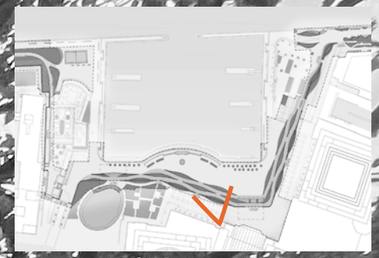
Reach 5 Le District Terrace | Existing



+ 14.00’

Reach 5 Le District Terrace | Existing

Existing with Flood Barrier Line Overlay



+ 14.00’

Reach 5 Le District Terrace | Proposed



Accessible Connection to Lower Esplanade

FBS Wall
Materiality under Development

Top of Wall: +16.5’

Sculptural Seating Along FBS

Exterior Dining Spaces Maintained

EXISTING TREE

EXISTING TREE

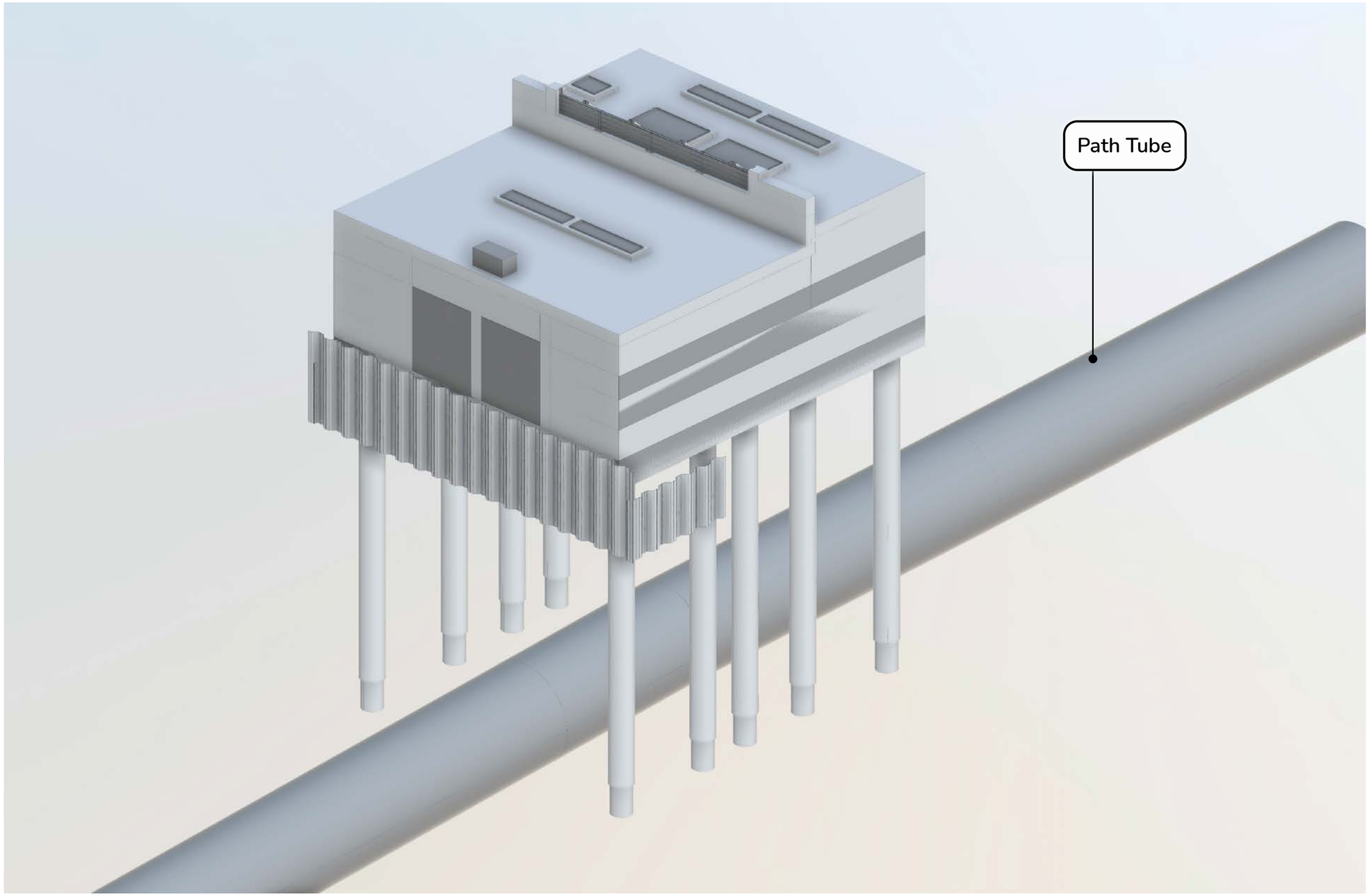
EXISTING TREE

EXISTING TREE

EXISTING TREE

+ 14.00’

Reach 5 Pumphouse Park | Bridging Structure



Reach 5 Pumphouse Park | Subsurface Constraints

PATH TUNNELS

RELIEVING PLATFORM

UTILITIES AND EASEMENTS

PATH TUNNELS

PATH TUNNELS

ESPLANADE PLAZA

KOWSKY PLAZA

POLICE MEMORIAL

PUMPHOUSE PARK

WATERFRONT PLAZA

BELVEDERE PLAZA

FERRY TERMINAL

300 VESEY STREET

NORTH END AVENUE

250 VESEY STREET

SOUTH END AVENUE

225 LIBERTY STREET

Reach 5 Pumphouse Park | Constraints and Offsets

PATH TUNNEL

BRIDGING STRUCTURE

50’

50’

35’

PUMPHOUSE PARK

LEGEND

- BRIDGING STRUCTURE OFFSET
- 15’ PLANTING OFFSET
- RELIEVING PLATFORM
- CONSTRUCTION ZONE

N

Reach 5 Pumphouse Park | Existing



EXISTING RETAINING WALL

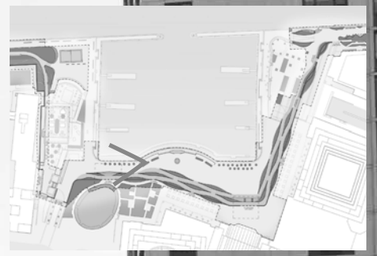
+ 11.00’

+ 9.80’

DATUM REFERENCE: NAVD88

Reach 5 Pumphouse Park | Existing

Existing with Flood Barrier Line Overlay



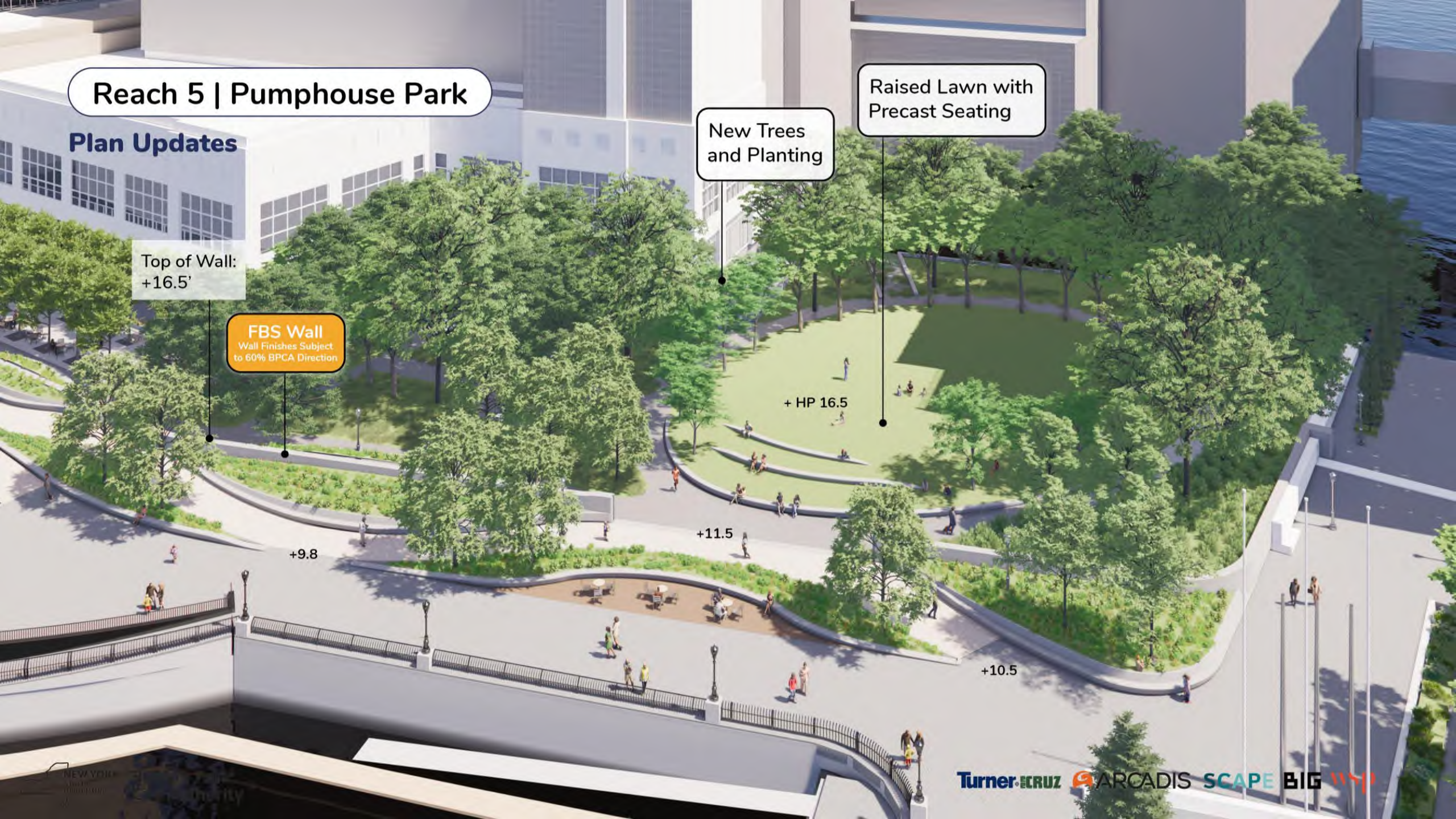
+ 11.00’

+ 9.80’

DATUM REFERENCE: NAVD88

Reach 5 | Pumphouse Park

Plan Updates



Turner ECRUZ ARCADIS SCAPE BIG WSP

Reach 5 | Pumphouse Park



FBS Wall
Wall Finishes Subject to 60% BPCA Direction

Top of Wall:
+16.5’

NEW YORK STATE OF OPPORTUNITY
Battery Park City Authority

Turner Cruz ARCADIS SCAPE BIG WSP

Reach 5 | Pumphouse Park



FBS Wall
Wall Finishes Subject to 60% BPCA Direction

Top of Wall: +16.5’

NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner Cruz ARCADIS SCAPE BIG WSP

Reach 5 | Pumphouse Park



NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner CRUZ ARCADIS SCAPE BIG WSP

Reach 5 | Pumphouse Park



FBS Wall
Wall Finishes Subject to 60% BPCA Direction

Top of Wall:
+16.5'

Reach 5 | Pumphouse Park

Plan Updates



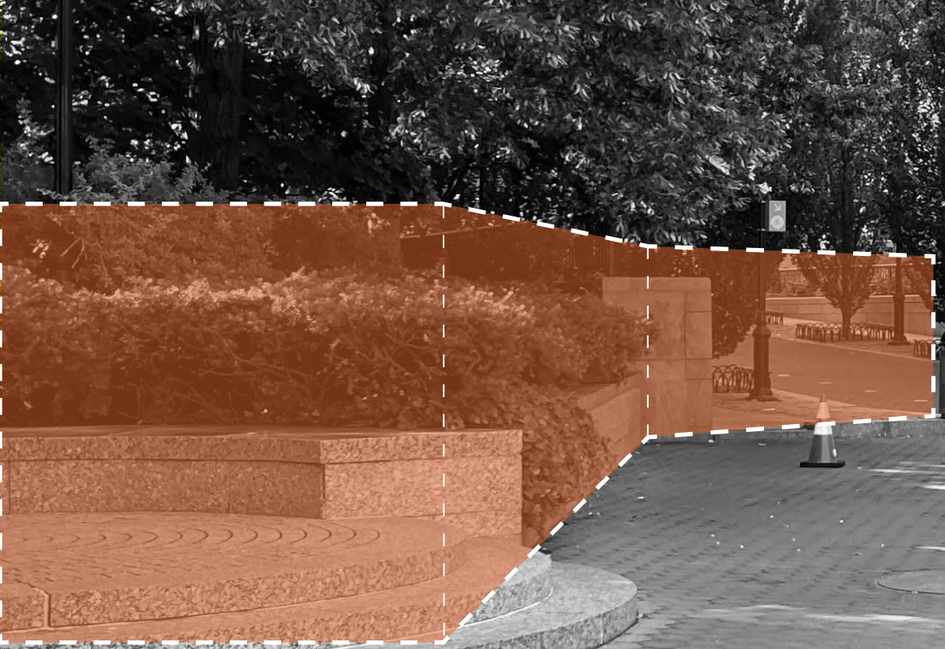
NEW YORK STATE OF OPPORTUNITY | Battery Park City Authority

Turner ECRUZ ARCADIS SCAPE BIG WSP

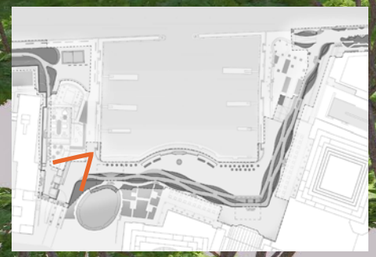
Reach 5 Police Memorial | Existing

Reach 5 Police Memorial | Existing

Existing with Flood Barrier Line Overlay



Reach 5 Police Memorial | Proposed



Top of Wall:
+16.5’

FBS Wall
Materiality under Development

EXISTING TREE

EXISTING TREE

FBS Deployable
Materiality under Development

Utility Buildings
Not Disturbed

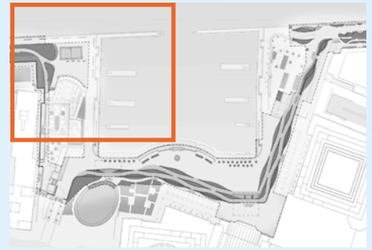
Police Memorial
Access Not Disrupted

EXISTING TREE

EXISTING TREE

+ 9.80’

Reach 5 Kowsky Plaza | Proposed Plan



South Esplanade

90' DEPLOYABLE GATE (SG606)

15' ROLLER GATE (SG607)

10' DEPLOYABLE GATE (SG608)

Volleyball

+9.0'

+5.8'

North Cove Marina

TOP OF WALL: +20'(DFE+16.5')

Kowsky Plaza

+14.3'

LEGEND

- FLOOD BARRIER SYSTEM (WALL)
- FLOOD BARRIER SYSTEM (DEPLOYABLE)
- EXISTING RELIEVING PLATFORM
- EXISTING TREES
- NEW TREES
- LIMIT OF WORK

0' 20' 60' 100' 200'

N

Turner CRUZ ARCADIS SCAPE BIG WSP

Reach 5 Kowsky Plaza | Existing



EXISTING PRIVACY WALL AND FENCE

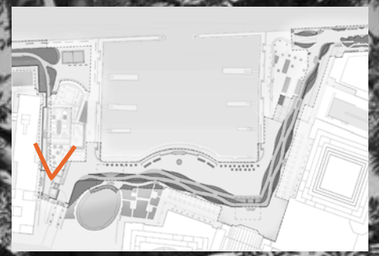
DFE

+ 14.30’

DATUM REFERENCE: NAVD88

Reach 5 Kowsky Plaza | Existing

Existing with Flood Barrier Line Overlay



EXISTING PRIVACY WALL AND FENCE

DFE

+ 14.30’

DATUM REFERENCE: NAVD88

Reach 5 Kowsky Plaza | Proposed



Impacted Trees

FBS Wall
Materiality under Development

Top of Wall: +20.5’

EXISTING PRIVACY WALL AND FENCE

DFE

DATUM REFERENCE: NAVD88


Reach 5 | Pumphouse Park
an Updates
Top of Wall:
+16.5'
FBS Wall
Wall Finishes Subject
to 60% BPCA Direction
New Trees
and Planting
Raised Lawn with
Precast Seating
+ HP 16.5
+11.5
+9.8
+10.5

Thank you!