



North/West Battery Park City Resiliency Project

Gateway Plaza Coordination Meeting

May 29, 2024



1. Introduction & Background
2. Design Progress

Introduction & Background

1

Project Team

CLIENT TEAM:

CLIENT:



ADVISORS:



CONSULTANTS:



DESIGN-BUILD TEAM:

PRIMARY CONTRACT:



CONSULTANT:



SUB-CONSULTANTS:



A Piece of a Connected & Resilient Waterfront

ARMY CORPS OF
ENGINEERS NY-NJ HARBOR
DISTRICT STUDY

TRIBECA

SEAPORT

FINANCIAL
DISTRICT

BROOKLYN BRIDGE - MONTGOMERY
COASTAL RESILIENCE
.80 MILES

EAST SIDE COASTAL
RESILIENCY

NORTHWEST BATTERY PARK
CITY RESILIENCE PROJECT

SOUTH BATTERY
CITY RESILIENCE
PROJECT

THE BATTERY
COASTAL RESILIENCE
.33 MILES

THE FINANCIAL DISTRICT AND SEAPORT
CLIMATE RESILIENCE MASTERPLAN
HIGHLY CONSTRAINED AREA
.90 MILE



Battery Park
City Authority

Turner ERUZ ARCADIS SCAPE BIG WSP

Future Flood Risk



LEGEND

- SWEL* DURING A 100-YEAR STORM EVENT WITH 2.5 FT OF SLR
- PROJECT AREA
- FERRY ROUTE

STILL WATER ELEVATION (SWEL) DOES NOT INCLUDE WAVE ACTION



Project Site



Flood Barrier System Alignment



- 30% Design Documents June 2023
- 40% Design Documents January 2024
- 60% Design Documents 2nd Quarter 2024
- Construction Start 2025*

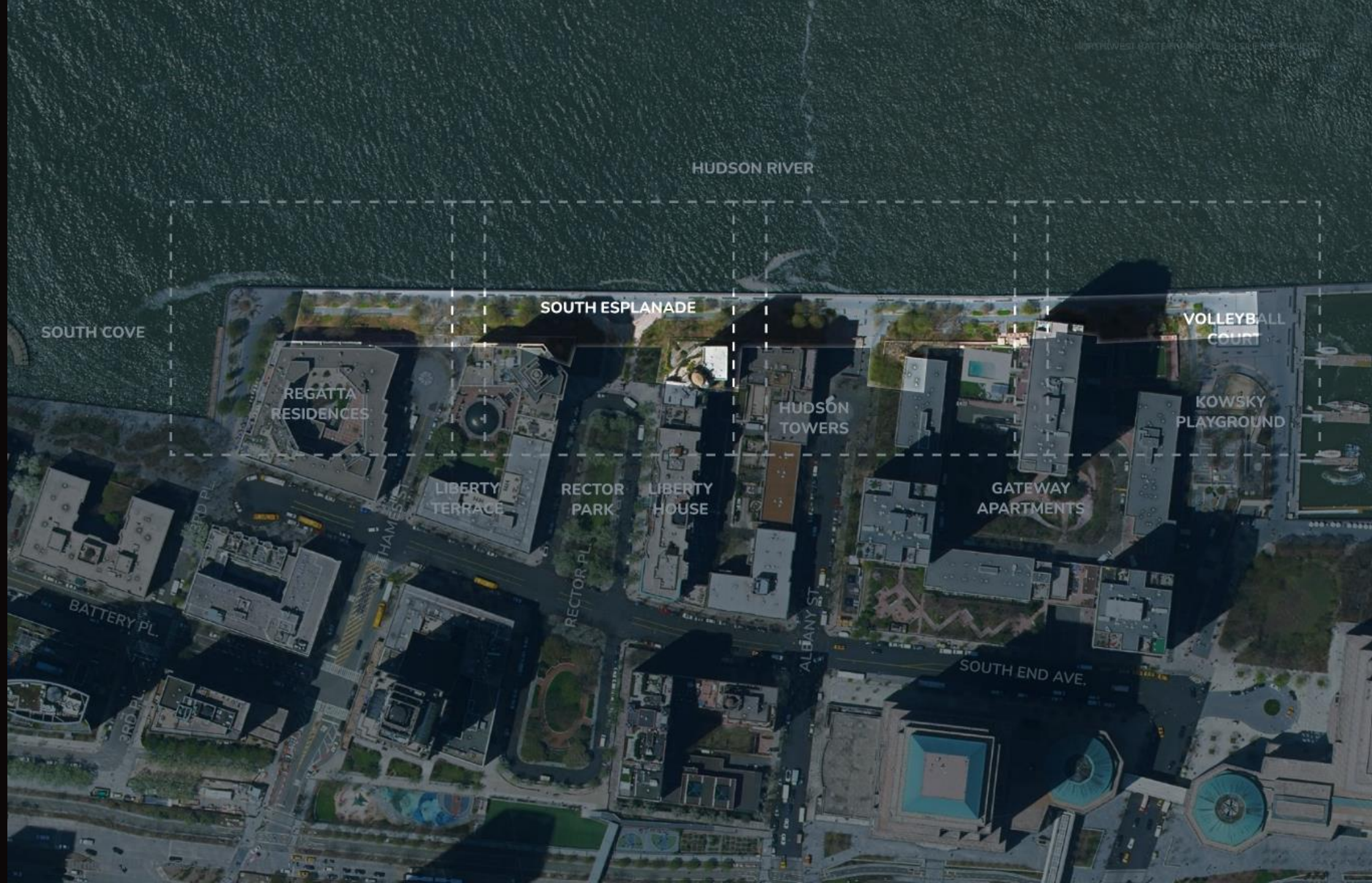
Note (*) = dependent on agency coordination and permit issuance.

Design Progress

2

REACH 6

SOUTH ESPLANADE



HUDSON RIVER

SOUTH COVE

SOUTH ESPLANADE

REGATTA
RESIDENCES

LIBERTY
TERRACE

RECTOR PARK

LIBERTY
HOUSE

HUDSON
TOWERS

GATEWAY
APARTMENTS

VOLLEYBALL
COURT

KOWSKY
PLAYGROUND

BATTERY PL.

3RD PL.

JAMES ST.

RECTOR PL.

ALBANY ST.

SOUTH END AVE.

Reach 6 Esplanade Plaza | Existing

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



Reach 6 Esplanade Plaza | Existing
Existing with Flood Barrier Line Overlay

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



Esplanade Plaza | Volleyball Court

Proposed

FBS Wall
Materiality Subject
to BPCA Decision

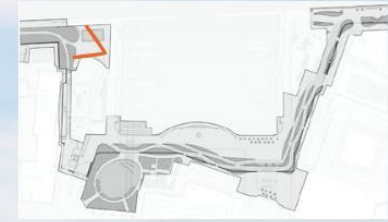
Increased Planting
and Shading

New Seating with
Waterfront Views

Existing Volleyball
Court Preserved

+ 9.50'

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT



Gateway Apartments | Plan

Proposed

Hudson River



Gateway Apartments | View from Esplanade

Proposed



Gateway Waterfront
Visibility Maintained Through
Use of FBS Deployables

FBS Wall
Materiality Subject
to BPCA Decision

Top of Wall:
+16.5'

Elevated
Esplanade

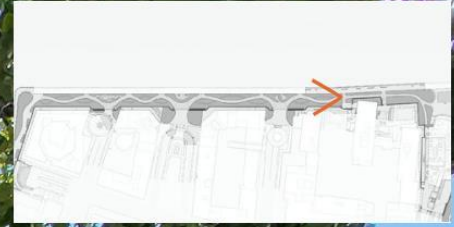
+ 12'

+ 12'

Reach 6 | Forest Path

Existing

NORTHWEST BATTERY PARK CITY RESILIENCY PLAN



Reach 6 | Forest Path

Proposed

Forest Walk
Seating Spaces

Integrated
Wheelchair Spaces

FBS Wall
Materiality Subject
to BPCA Decision

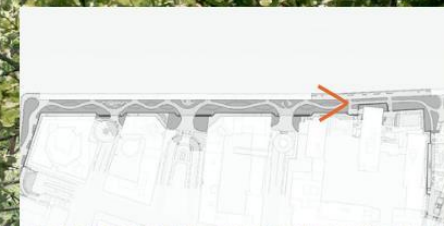
Top of Wall:
+19.5'

+ 11.00'

Meandering Forest Walk

Adventure Path

+ 10.50'



Reach 6 W. Thames Street | Existing

NORTH WEST BATTERY PARK CITY RESILIENCY PROJECT



Reach 6 W. Thames Street | Existing

Existing with Flood Barrier Line Overlay

5TH WEST BATTERY PARK CITY RESILIENCY PROJECT



W Thames St. "Interactive Art" | View from Street

Proposed

NORTH/WEST



Enlarged
Planting Buffer

FBS Wall
Materiality Subject
to BPCA Decision

Top of Wall:
+19.5'

Increased Seating
Opportunities

Note: as part of the 60% design process, the gate size and configuration is being evaluated to maximize open and improve the view corridor

Regatta Condominium | Plan

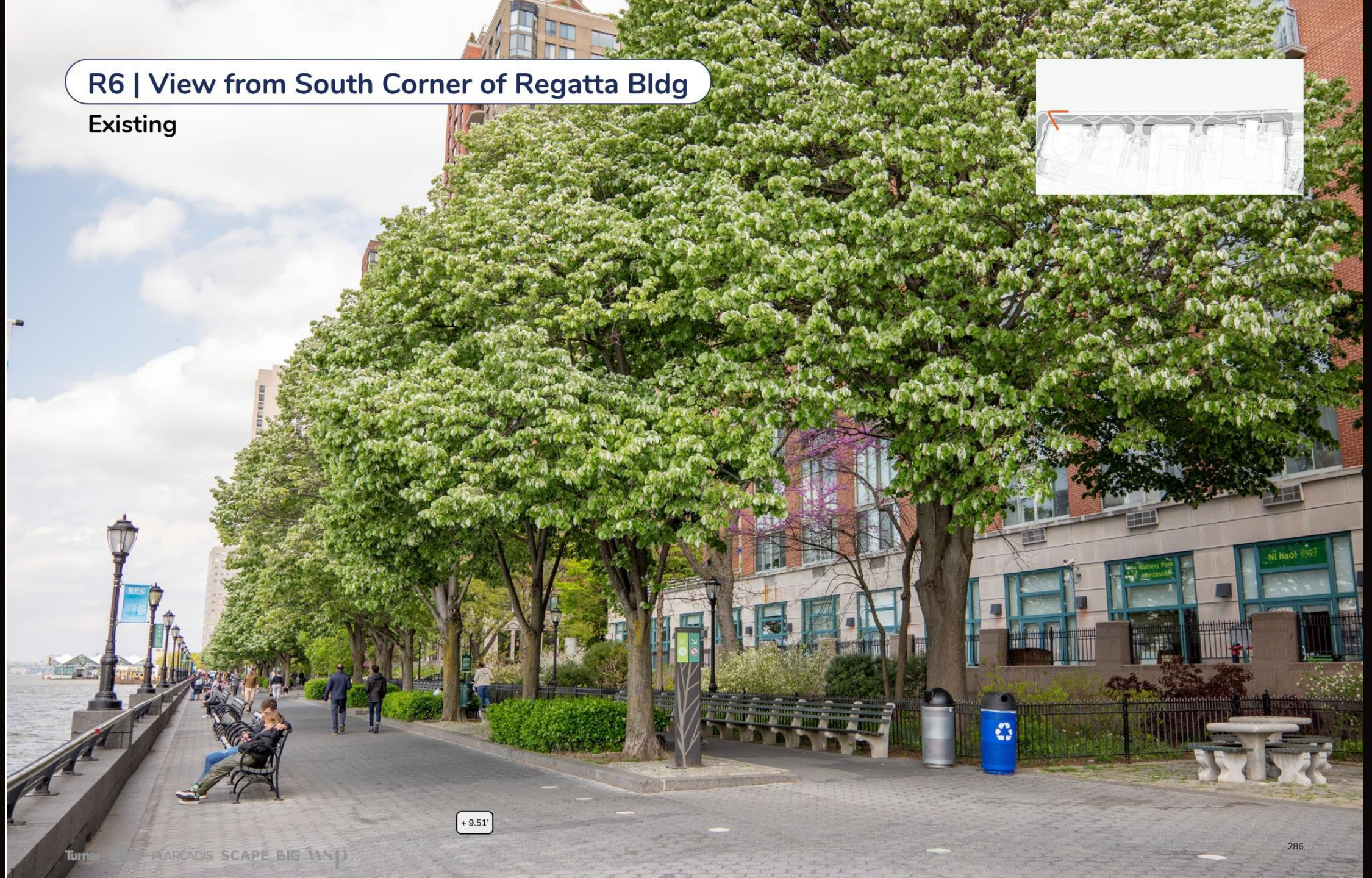
Proposed

Hudson River



R6 | View from South Corner of Regatta Bldg

Existing



+ 9.51'

Reach 6 View from South Corner of Regatta Bldg | Existing

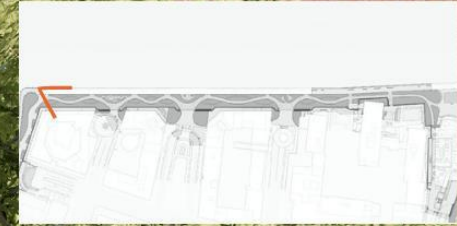
Existing with Flood Barrier Line Overlay



R6 | View from South Corner of Regatta Bldg

Proposed

NORTHWEST BATTERY PARK CITY RESIDENCY PROJECT



Existing Esplanade
Preserved

Existing Trees
(Preserved)

Meandering
Forest Walk

Enlarged
Planting Buffer

Adventure Path

FBS Wall
Materiality Subject
to BPCA Decision

Top of Wall:
+19.5'

+9.51'

Entrance Nodes | Plan and Program

Interactive Art



Conversation Room



The Outlook



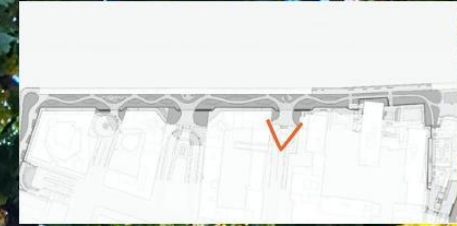
Albany St. "The Outlook" | Plan

Proposed



Albany St. "The Outlook" | View from Street end

Existing



Albany St. "The Outlook" | View from Street end

Proposed

NORTHWEST BATTERY PARK CITY RESIDENTIAL PROJECT



Waterfront
View Preserved

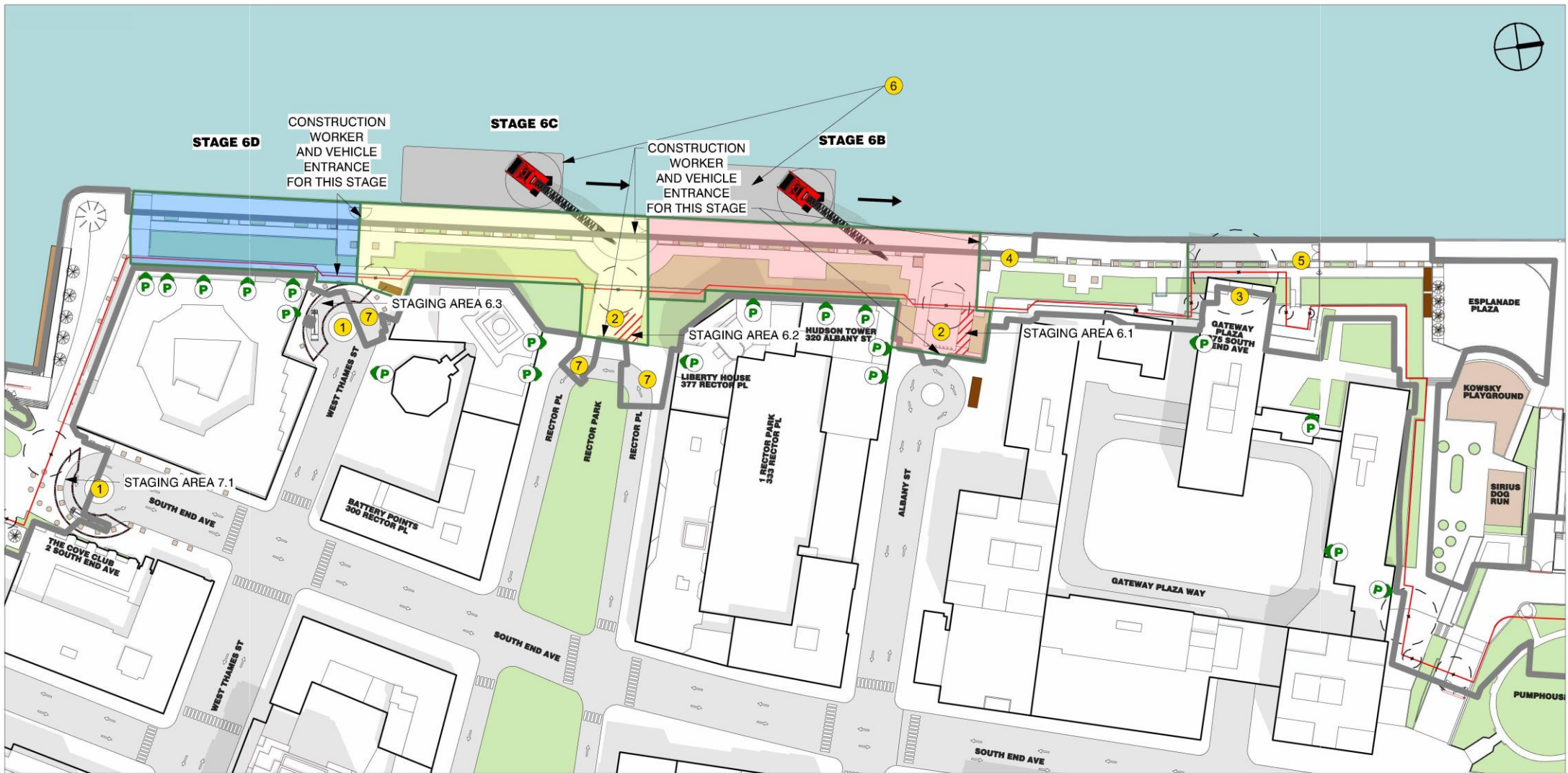
Increased Seating
Opportunities

Enlarged
Planting Buffer

FBS Wall
Materiality Subject
to BPCA Decision

Top of Wall:
+19.5'

Reach 6 & 5 Staging Plans



NOTES

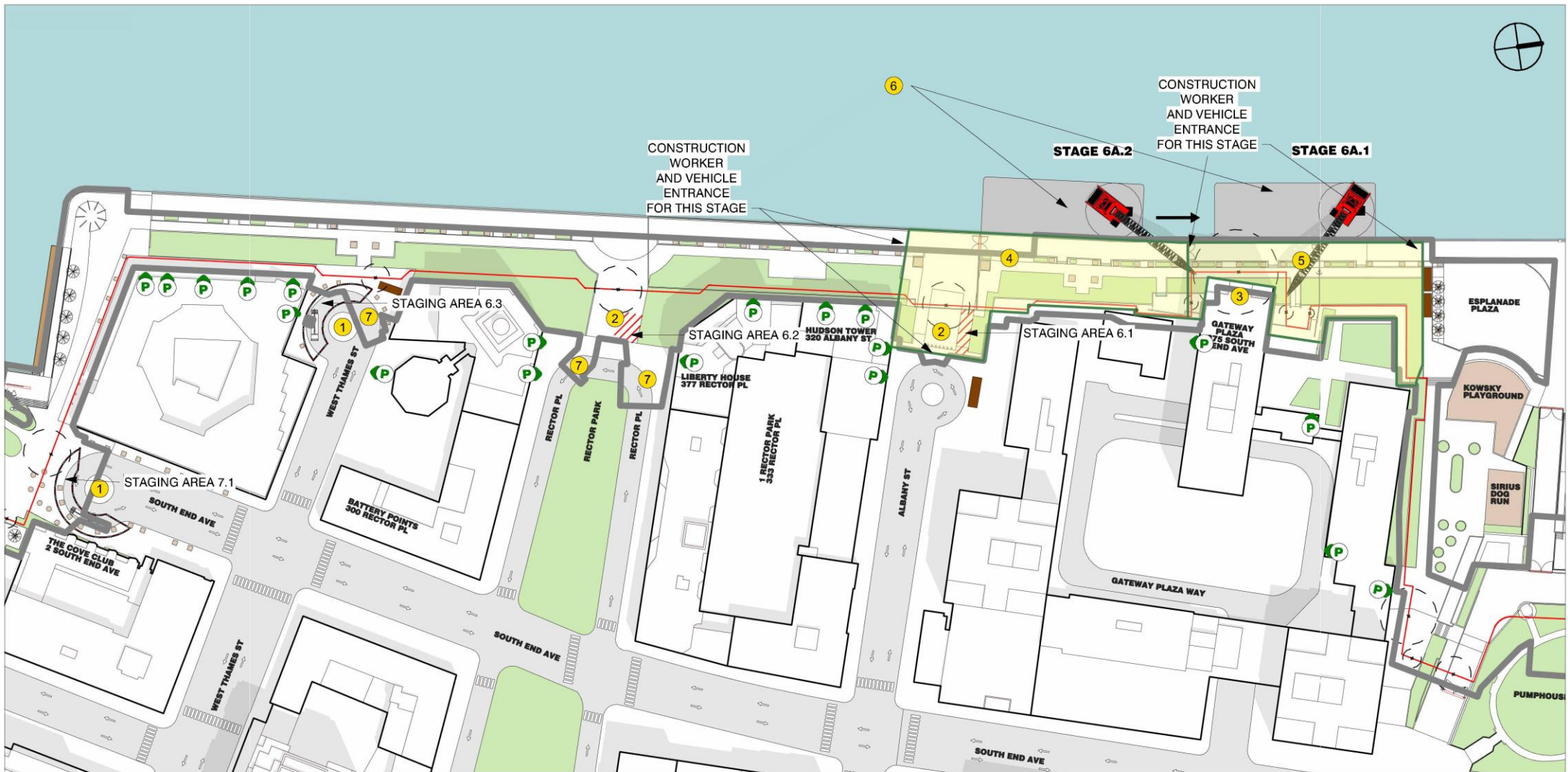
1. CONSTRUCTION VEHICLE UNLOADING AREA USING A PORTION OF THE VEHICLE TURNAROUND; MOBILE BARRIERS REMOVED WHEN NOT IN USE
2. MAINTAIN PUBLIC CROSSING OVER TRENCH & CIRCULATION ACCESS
3. COORDINATE INTERIOR & EXTERIOR PROTECTION WITH GATEWAY PLAZA MANAGEMENT
4. PLATFORM REMOVAL AND RECONSTRUCTION
5. STAGE 6A.1 DONE BEFORE 6A.2 BEGINS
6. 60x170 FT. BARGE
7. FOR INTERIOR DRAINAGE WORK ONLY

LEGEND

- | | |
|-------------------|-----------------------------|
| PEDESTRIAN EGRESS | ALIGNMENT WALL |
| SERVICE EGRESS | TEMPORARY CLOSURE |
| VEHICLE EGRESS | PLATFORM DEMOLITION |
| BUS STOP | PARTIAL PLATFORM DEMOLITION |
| | SITE FENCE |

KEY PLAN - REACH 6





NOTES

1. CONSTRUCTION VEHICLE UNLOADING AREA USING A PORTION OF THE VEHICLE TURNAROUND; MOBILE BARRIERS REMOVED WHEN NOT IN USE
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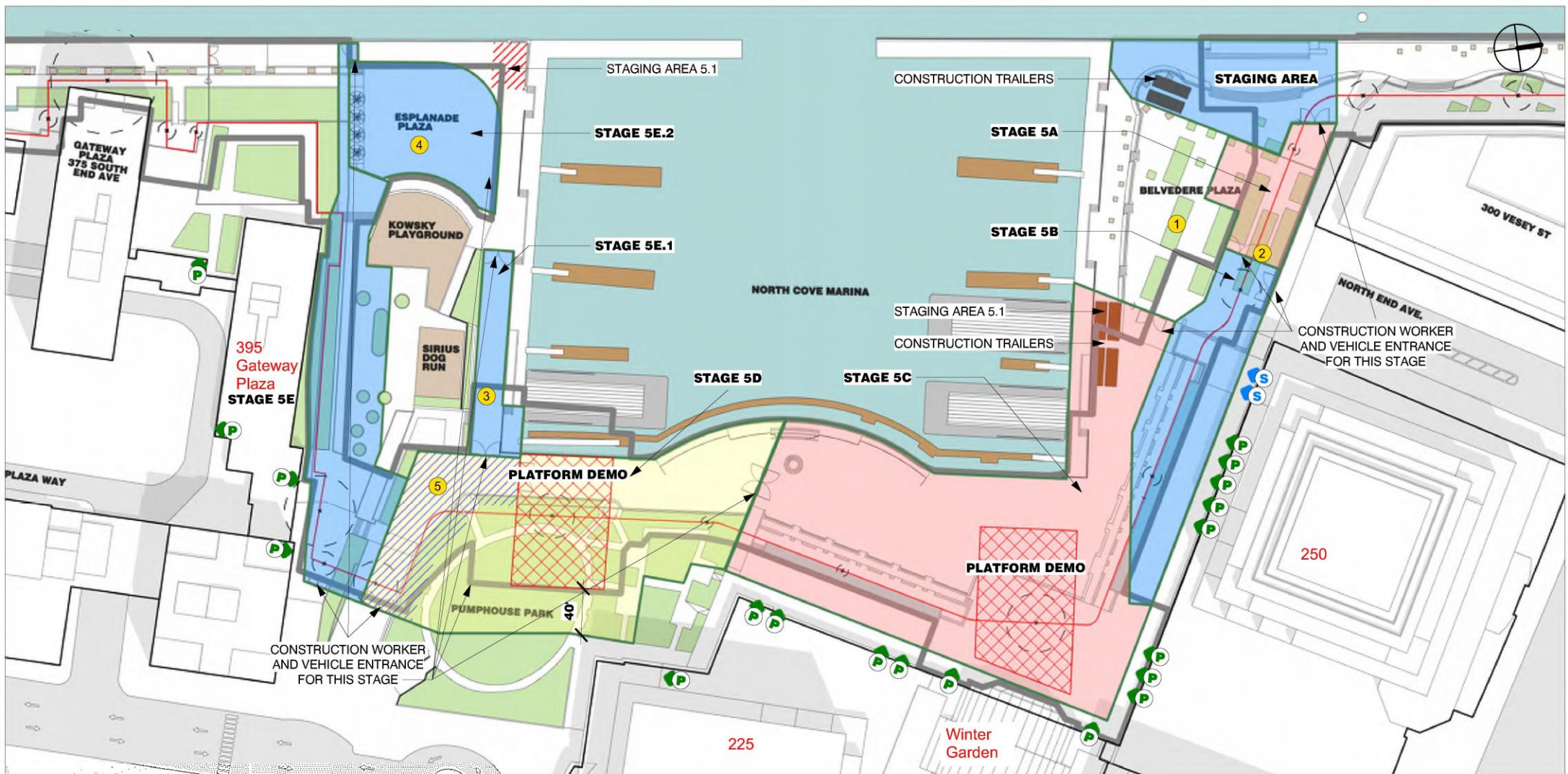
LEGEND

- | | | | |
|--|-------------------|--|-----------------------------|
| | PEDESTRIAN EGRESS | | ALIGNMENT WALL |
| | SERVICE EGRESS | | TEMPORARY CLOSURE |
| | VEHICLE EGRESS | | PLATFORM DEMOLITION |
| | BUS STOP | | PARTIAL PLATFORM DEMOLITION |
| | | | SITE FENCE |

Different colors above have been used to differentiate between the boundaries of different stages

KEY PLAN - REACH 6





NOTES

1. BELVEDERE PLAZA OPEN DURING STAGE 5B & 5C
2. MAINTAIN PUBLIC CROSSING OVER TRENCH & CIRCULATION ACCESS
3. STAGE 5E.1 PERMANENT RAMP INSTALLED AFTER STAGE 5E IS COMPLETE
4. STAGE 5E.2 RECREATION AREA INSTALLED AFTER STAGE 5E.1 IS COMPLETE
5. SHARED ACCESS AND EGRESS. CLOSE ONLY WHEN ALTERNATE EGRESS IS AVAILABLE, THROUGH STAGE 5E

LEGEND

- | | | | |
|--|-------------------|--|-----------------------------|
| | PEDESTRIAN EGRESS | | ALIGNMENT WALL |
| | SERVICE EGRESS | | TEMPORARY CLOSURE |
| | VEHICLE EGRESS | | PLATFORM DEMOLITION |
| | BUS STOP | | PARTIAL PLATFORM DEMOLITION |
| | | | SITE FENCE |

Different colors above have been used to differentiate between the boundaries of different stages

KEY PLAN - REACH 5

