

East Side Coastal Resiliency

Community Board 3
Parks, Recreation, Waterfront & Resiliency
Committee

30 Delancey Street
(BRC Senior Services Center)

October 10, 2019



PRESENTATION AGENDA

PROJECT SCHEDULE & CONSTRUCTION PHASING

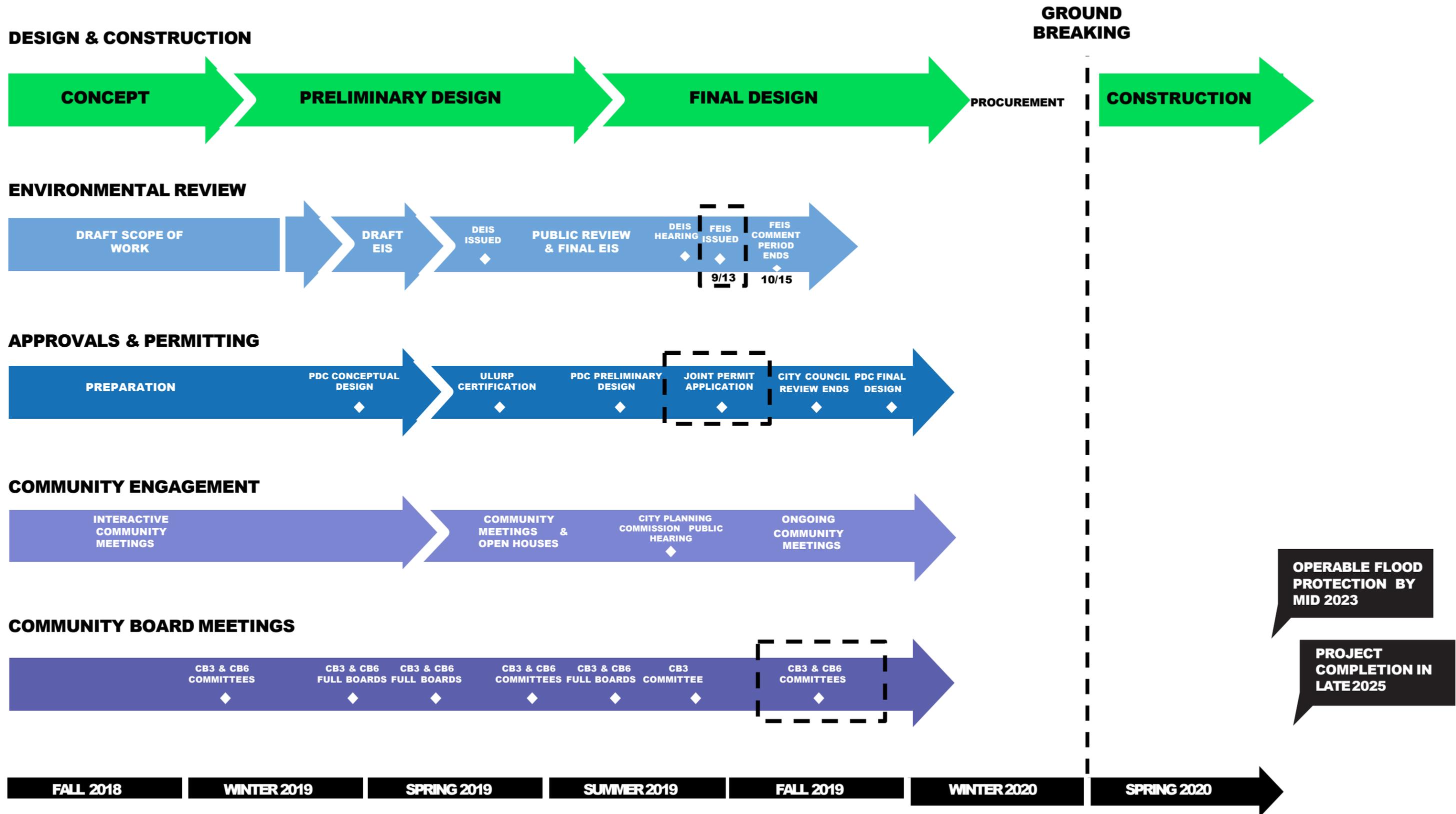
AMPHITHEATER DESIGN UPDATE

SITE DESIGN UPDATE



PROJECT SCHEDULE & CONSTRUCTION PHASING

PROJECT SCHEDULE OVERVIEW



CONSTRUCTABILITY CONSIDERATIONS

IN PROGRESS - DRAFT FOR DISCUSSION ONLY

East River Park Construction Phasing Drivers:

- Location of underground sewer infrastructure
- Fill settling time required
- Pedestrian and construction vehicle access
- Constructing temporary pathways, drainage, etc.

Key Goals for Phasing:

- Complete flood protection structures by mid-2023
- Maximize public access to open space during construction



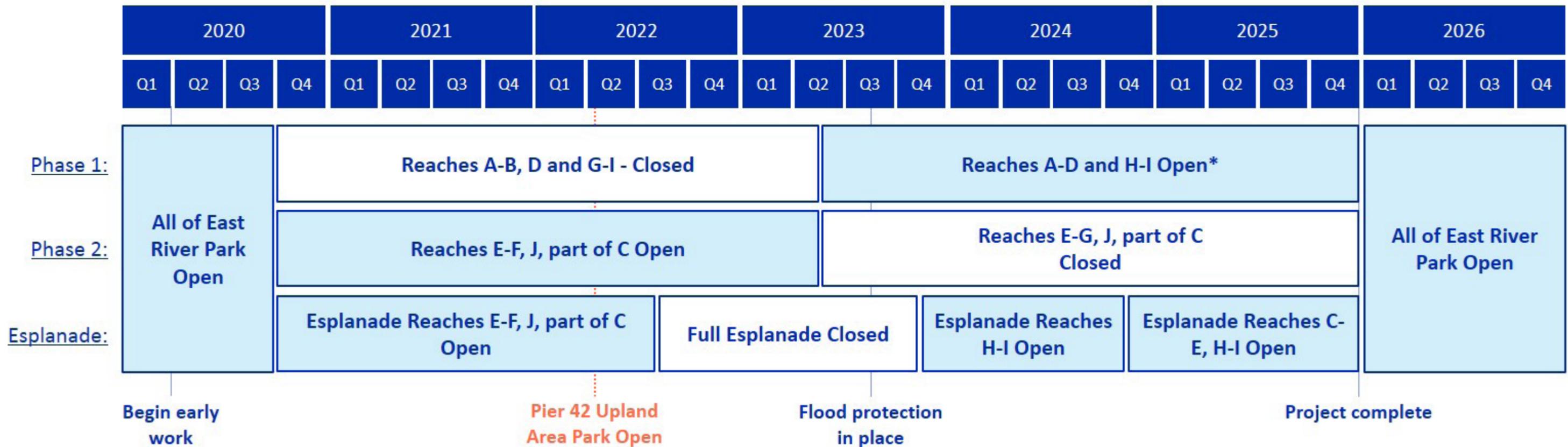
UPDATED PHASING

NO FULL EAST RIVER PARK CLOSURE

IN PROGRESS - DRAFT FOR DISCUSSION ONLY

Summary

- East River Park stays open for summer 2020, with some early construction packages beginning in March 2020
- 3/5 of East River Park will close in Fall 2020, while 2/5 remains open through summer 2022
- East River Park is never closed in its entirety (compared to 3.5 full years in baseline option)
- Esplanade is only fully closed for 1 year (compared to 3.5 full years in baseline option)
- 1/2 of East River Park will reopen in summer 2023
- Flood protection is completed in mid-2023, project completed at end of 2025



Note: Phasing analysis underway for other project components but are expected to fit within East River Park durations in all cases.

*Construction in the Houston Street Area (Reach G) continues until end of 2025. Within reopened reaches, esplanade to be closed to facilitate access and staging, and some landscaping components will remain to be completed in passive recreational areas.

CONSTRUCTION PHASING FOR PROJECT AREA 2

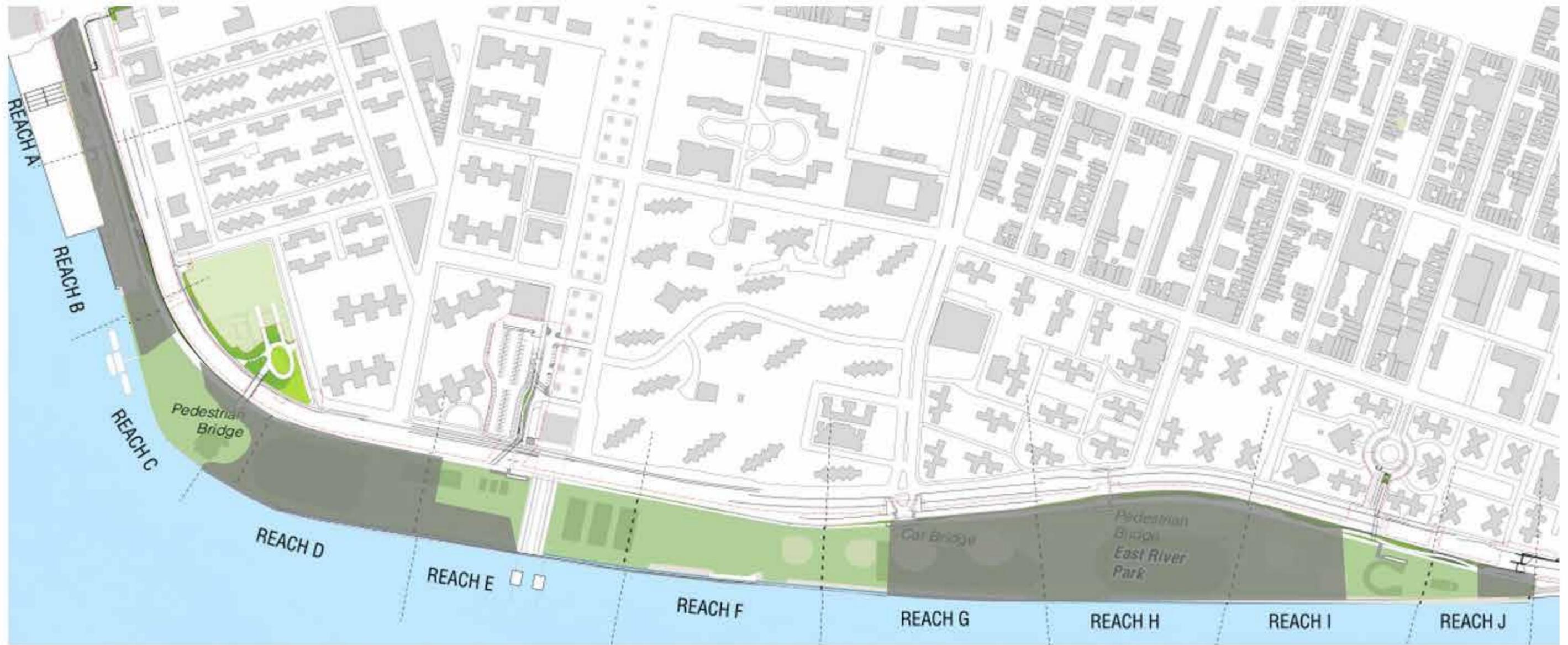
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CONSTRUCTION PHASING FOR EAST RIVER PARK

SUMMER 2021

IN PROGRESS - DRAFT FOR DISCUSSION ONLY



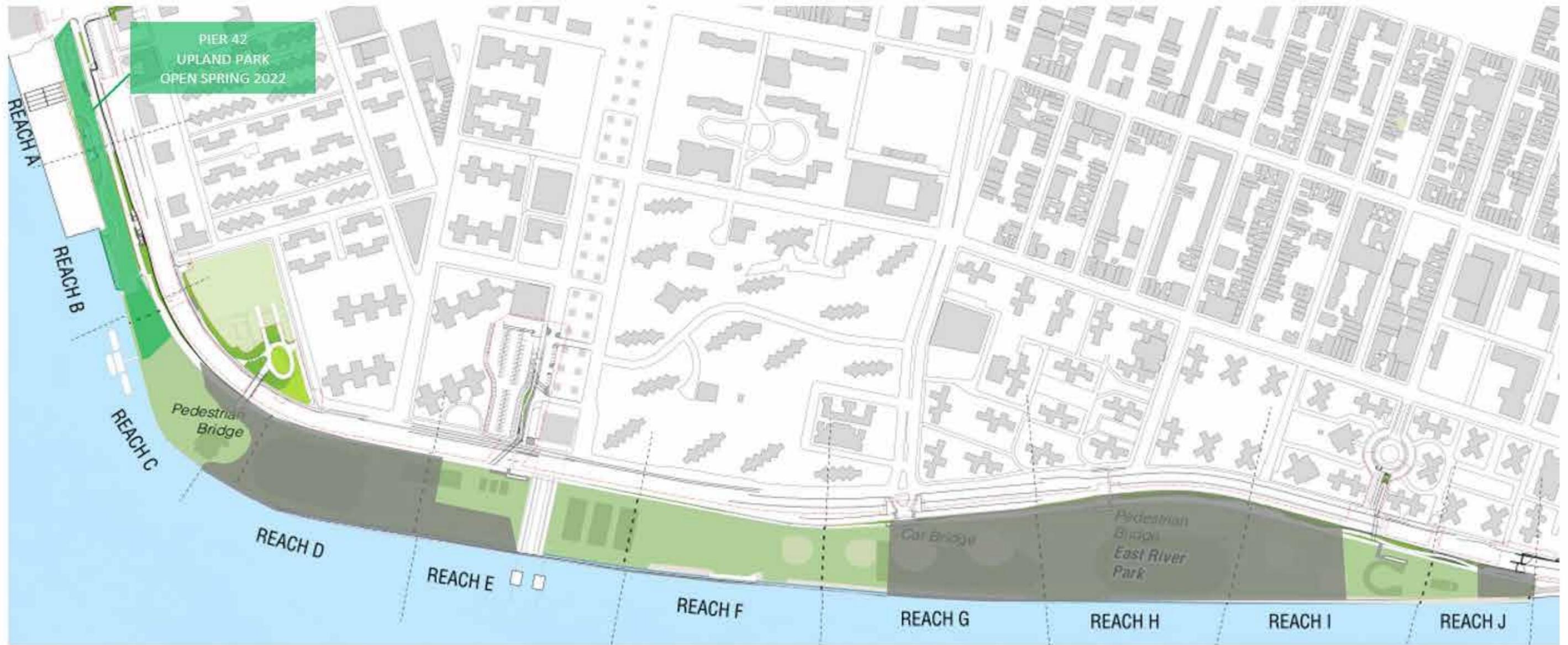
Closed Portions

East River Park Open Area: 42%

CONSTRUCTION PHASING FOR EAST RIVER PARK

SUMMER 2022

IN PROGRESS - DRAFT FOR DISCUSSION ONLY



Pier 42 Upland Open Area: 100%
East River Park Open Area: 42%

CONSTRUCTION PHASING FOR EAST RIVER PARK

SUMMER 2023

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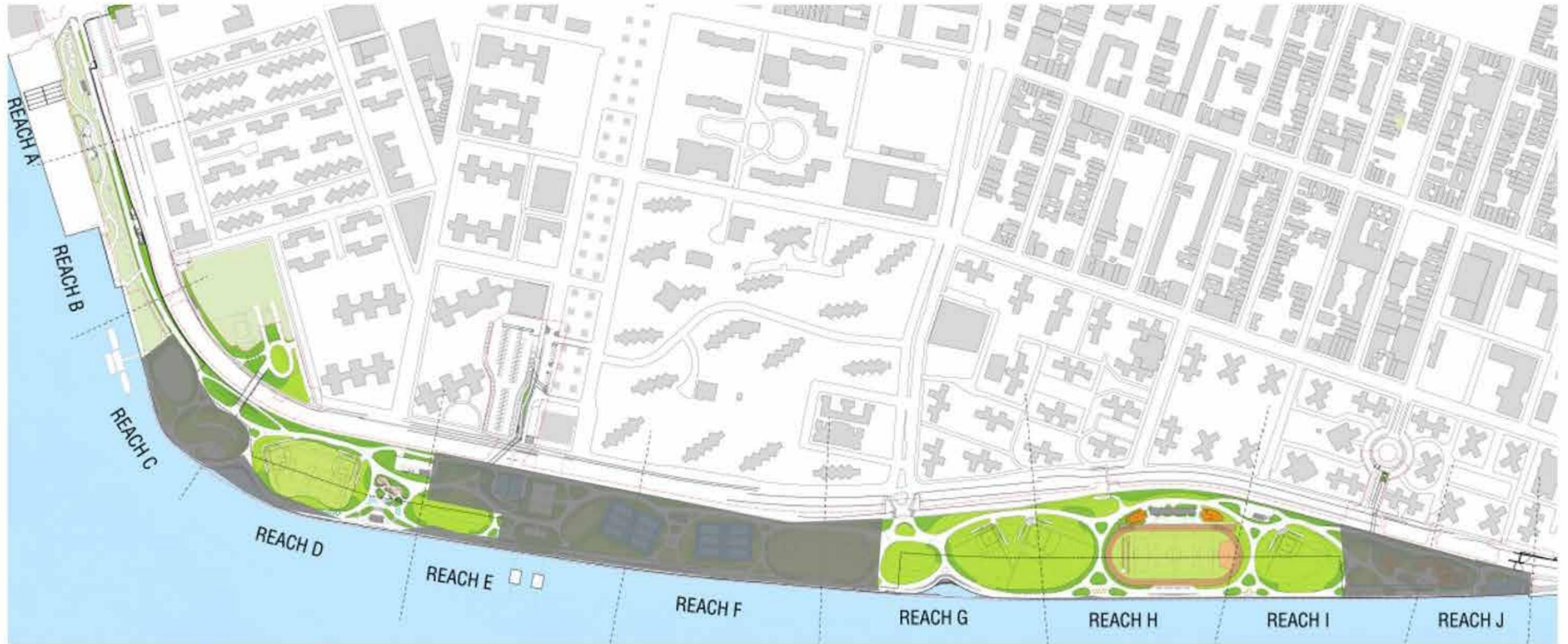
Closed Portions

Pier 42 Upland Open Area: 100%
East River Park Open Area: 53%

CONSTRUCTION PHASING FOR EAST RIVER PARK

SUMMER 2024

IN PROGRESS - DRAFT FOR DISCUSSION ONLY



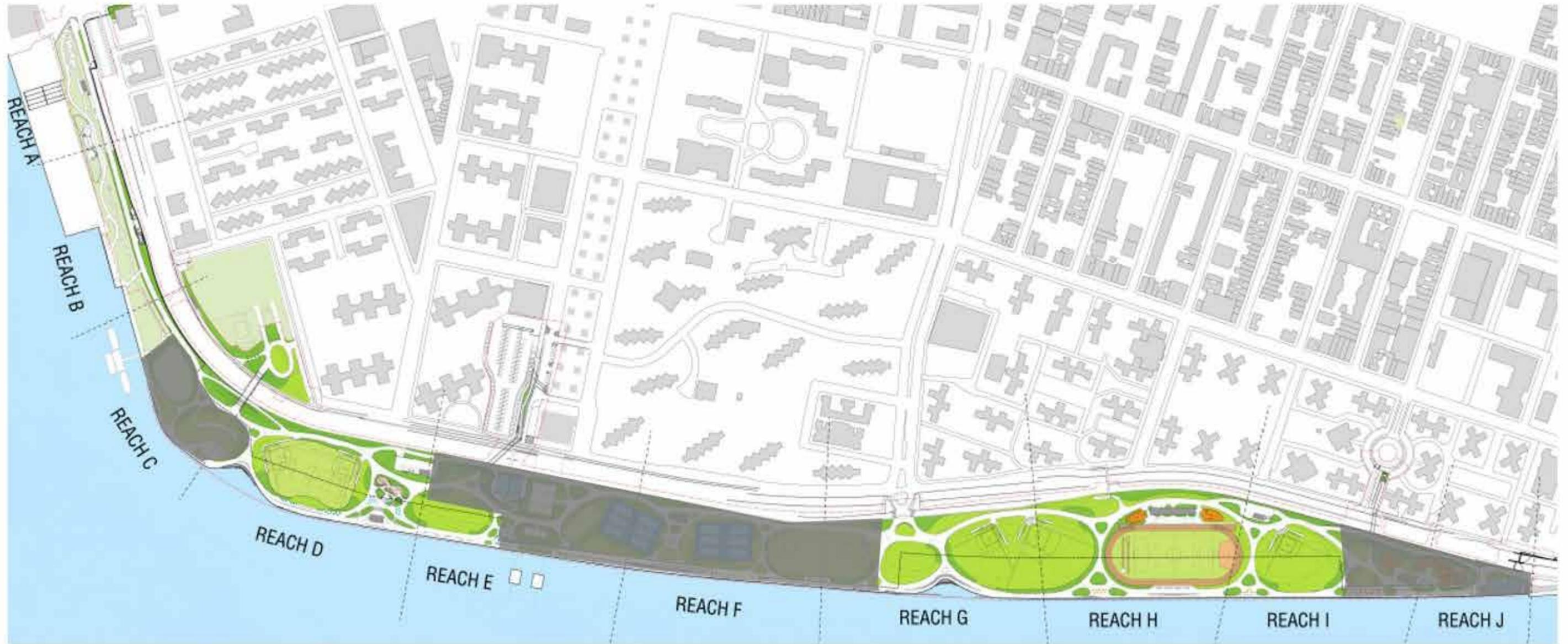
Closed
Portions

Pier 42 Upland Open Area: 100%
East River Park Open Area: 55%

CONSTRUCTION PHASING FOR EAST RIVER PARK

SUMMER 2025

IN PROGRESS - DRAFT FOR DISCUSSION ONLY



Closed Portions

Pier 42 Upland Open Area: 100%
East River Park Open Area: 56%

CONSTRUCTION PHASING FOR EAST RIVER PARK

END OF 2025

IN PROGRESS - DRAFT FOR DISCUSSION ONLY



Pier 42 Upland Open Area: 100%
East River Park Open Area: 100%

An aerial architectural rendering of a city waterfront. A suspension bridge spans across a body of water. On the left bank, there is a large, curved amphitheater with tiered seating and a stage. The surrounding area includes various buildings, green spaces, and a road. The entire scene is overlaid with a semi-transparent teal color.

AMPHITHEATER DESIGN UPDATE

SITE HISTORY

1940's - 1990's

- Built in 1941
- Site of the City's first Shakespeare-in-the-Park series during the 1950s.
- Used for local ceremonies, music and theater events, and school graduations
- Original recreation building and amphitheater deteriorated over time and closed in 1980's



ORIGINAL EAST RIVER PARK AMPHITHEATER & RECREATION CENTER, 1941

SITE HISTORY

2001 - PRESENT

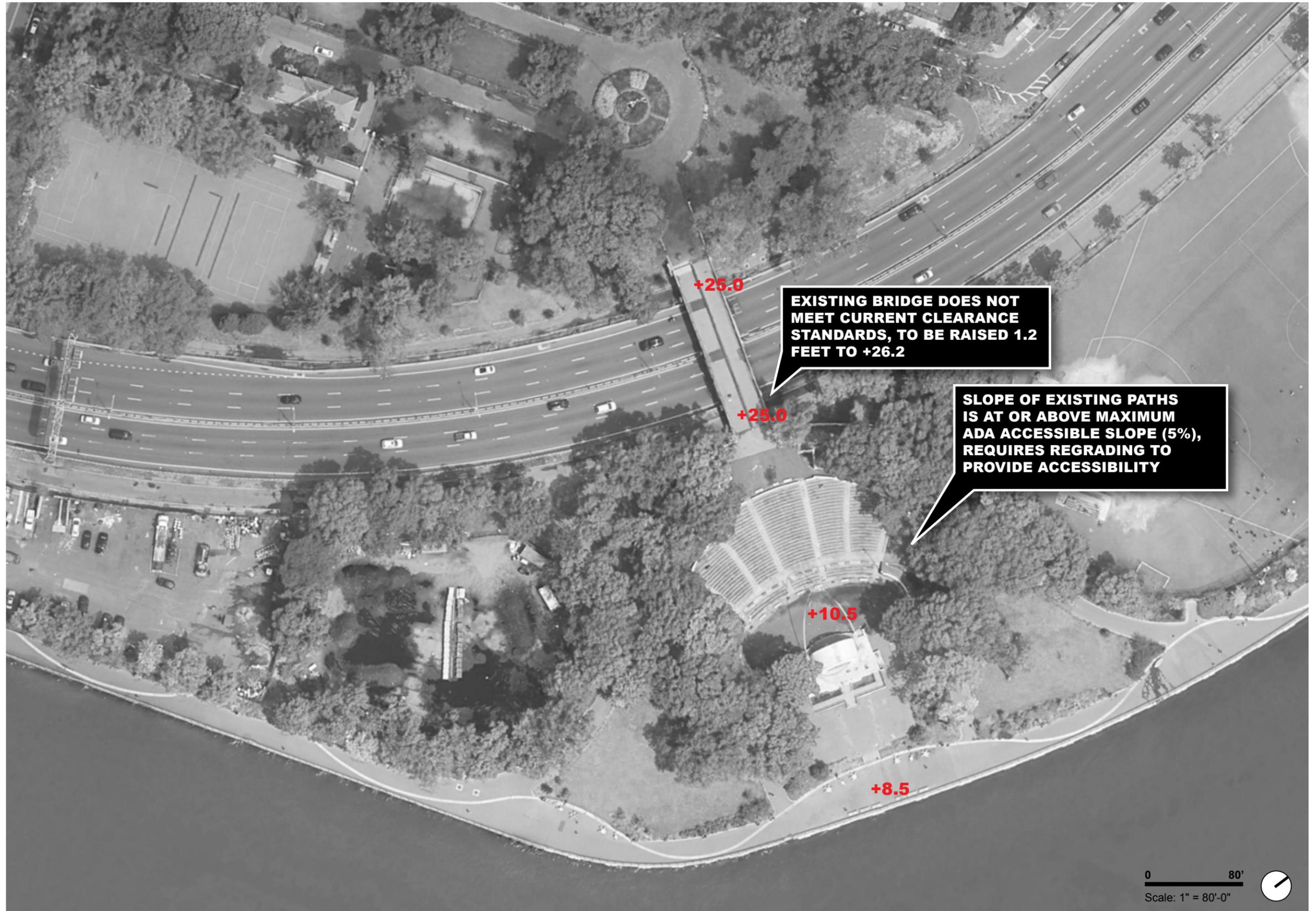
- Amphitheater was restored by city in 2001 as part of efforts to revitalize lower Manhattan
- Recreation building was removed, leaving open view through bandshell to river
- Metal canopy structure added
- Current amphitheater is the site of concerts, music events, dance events, and community celebrations



AMPHITHEATER TODAY

EXISTING CONDITION ANALYSIS

CORLEARS HOOK BRIDGE CONDITION

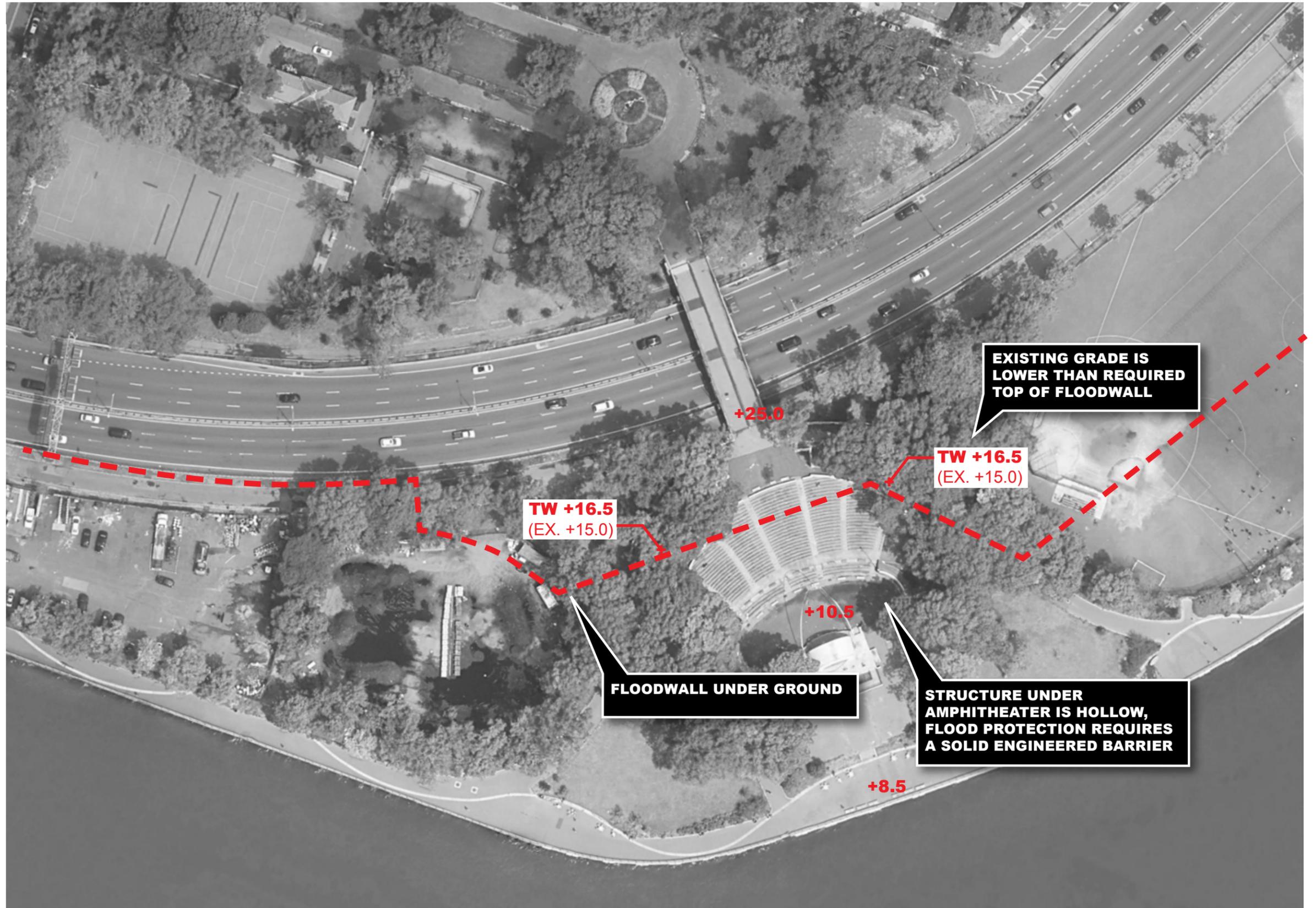


EXISTING CONDITION ANALYSIS

FLOOD PROTECTION

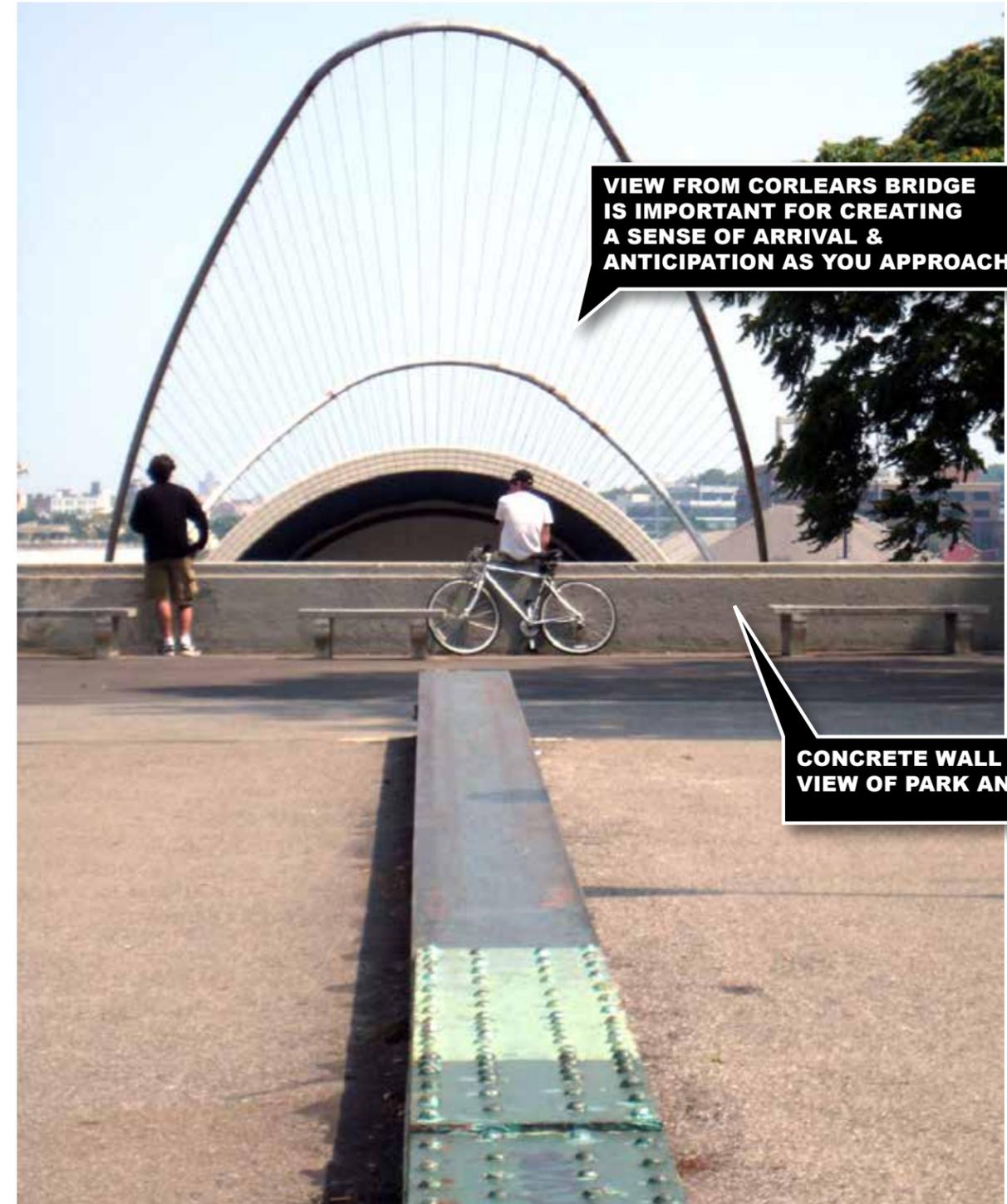
LEGEND

--- PROPOSED FLOODWALL



EXISTING CONDITION ANALYSIS

AMPHITHEATER



EXISTING CONDITION ANALYSIS

AMPHITHEATER



WHAT WE HEARD & DESIGN UPDATES

- **SEATING AND ACCESSIBILITY**
- **CAPACITY**
- **ACOUSTICS**
- **EVENT NEEDS: RESTROOMS**
- **EVENT NEEDS: POWER**
- **EVENT NEEDS: LOADING**
- **STAKEHOLDER COORDINATION**
- **SITE DESIGN UPDATES**
- **STRUCTURE**

SITE DESIGN UPDATES

PREVIOUS DRAFT PLAN SHOWN AT MARCH 2019

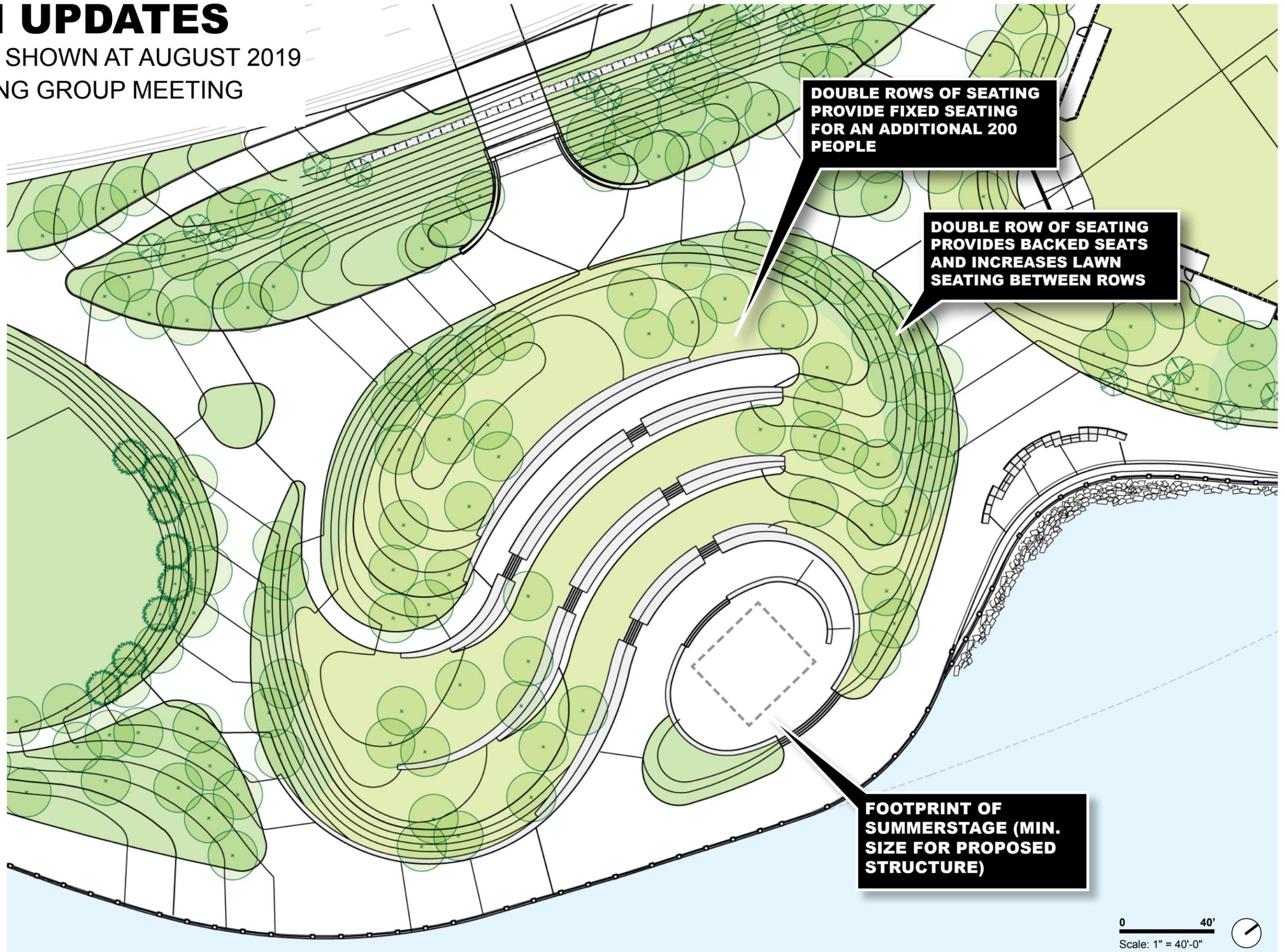
AMPHITHEATER WORKING GROUP MEETING



SITE DESIGN UPDATES

PREVIOUS DRAFT PLAN SHOWN AT AUGUST 2019

AMPHITHEATER WORKING GROUP MEETING



**DOUBLE ROWS OF SEATING
PROVIDE FIXED SEATING
FOR AN ADDITIONAL 200
PEOPLE**

**DOUBLE ROW OF SEATING
PROVIDES BACKED SEATS
AND INCREASES LAWN
SEATING BETWEEN ROWS**

**FOOTPRINT OF
SUMMERSTAGE (MIN.
SIZE FOR PROPOSED
STRUCTURE)**

0 40'
Scale: 1" = 40'-0" 

SITE DESIGN UPDATES

CURRENT PROPOSED PLAN

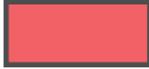


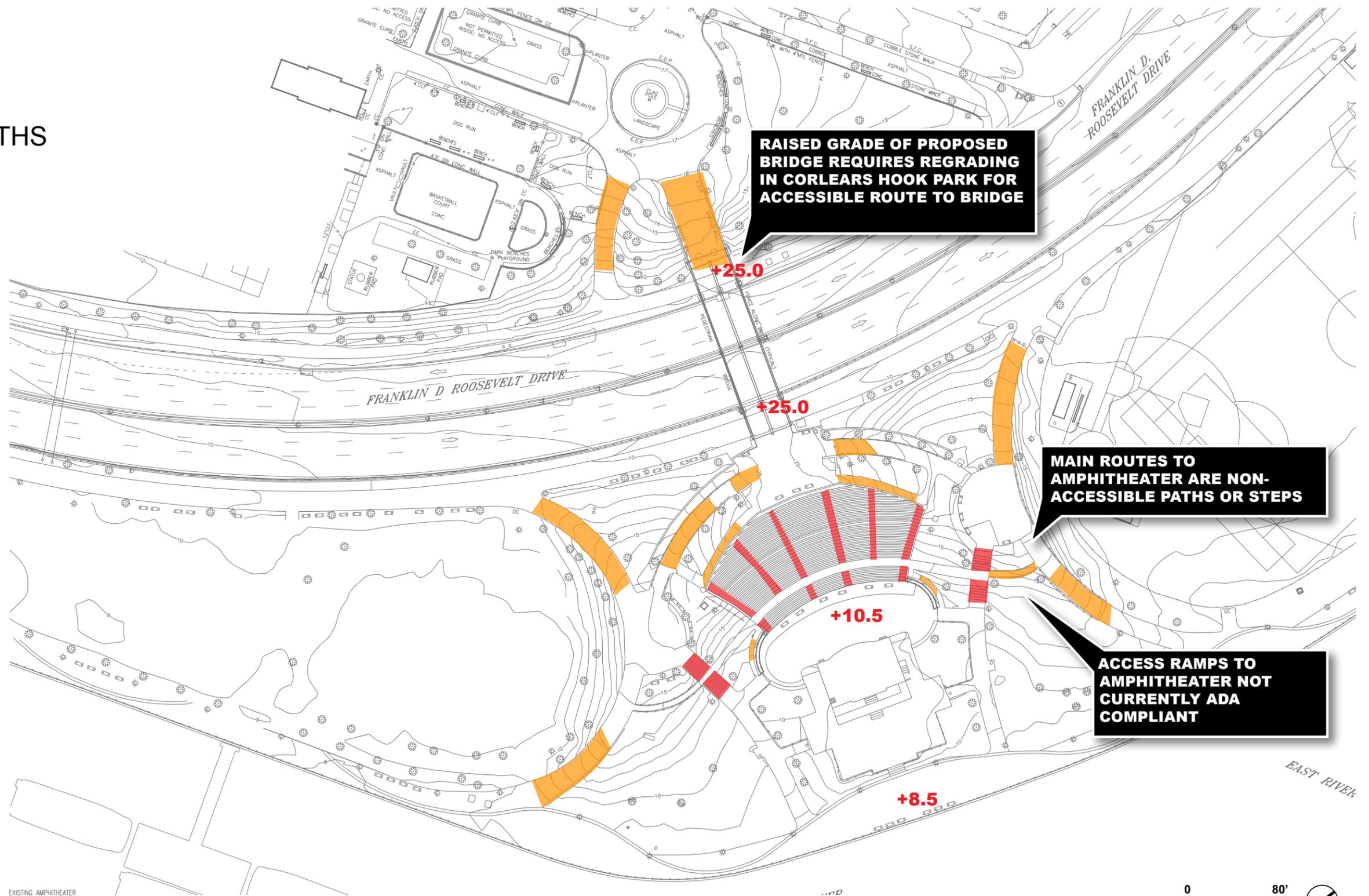
SEATING AND ACCESSIBILITY

EXISTING ACCESSIBILITY

LEGEND

 NON-ADA ACCESSIBLE PATHS

 STEPS

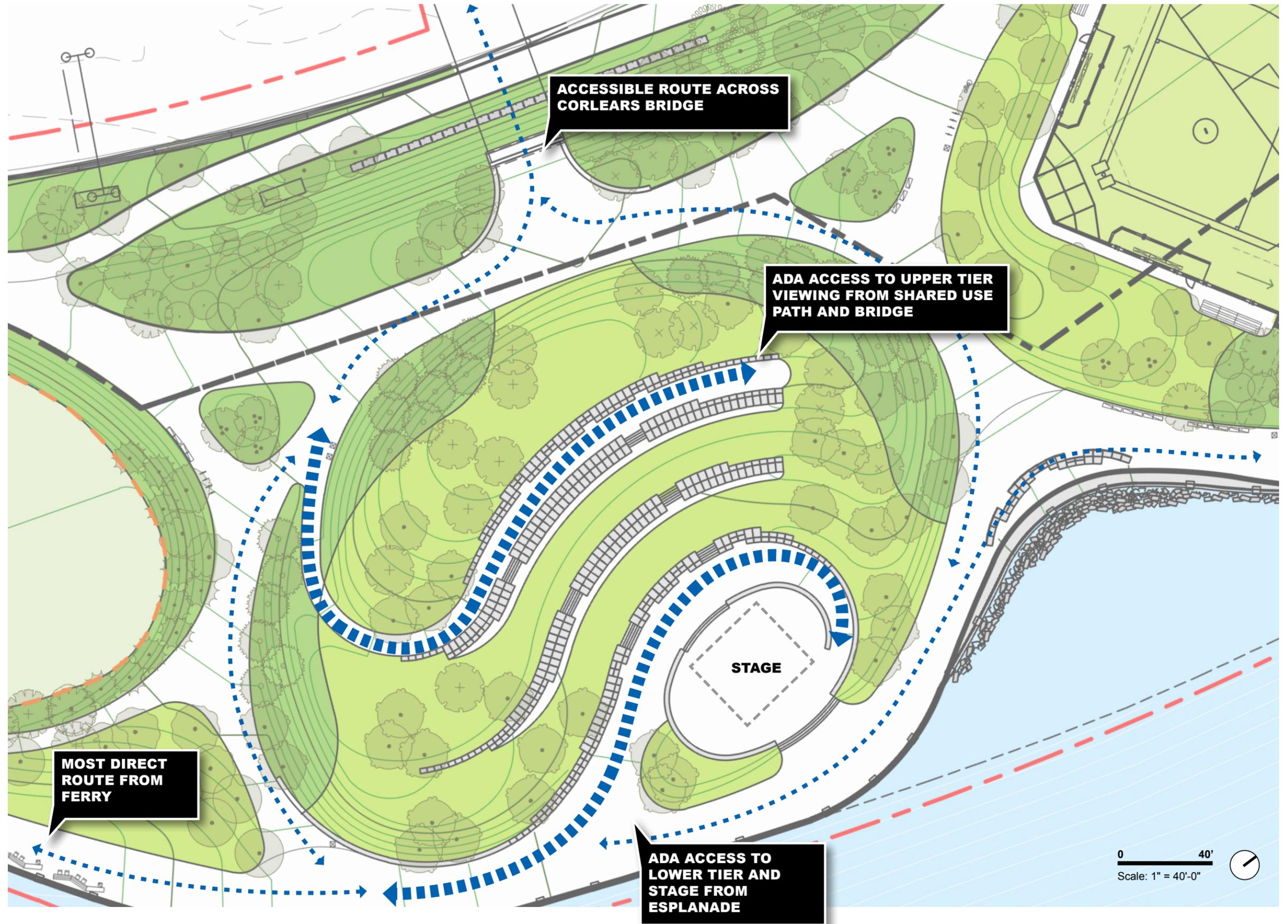


0 80'
Scale: 1" = 80'-0"



SEATING AND ACCESSIBILITY

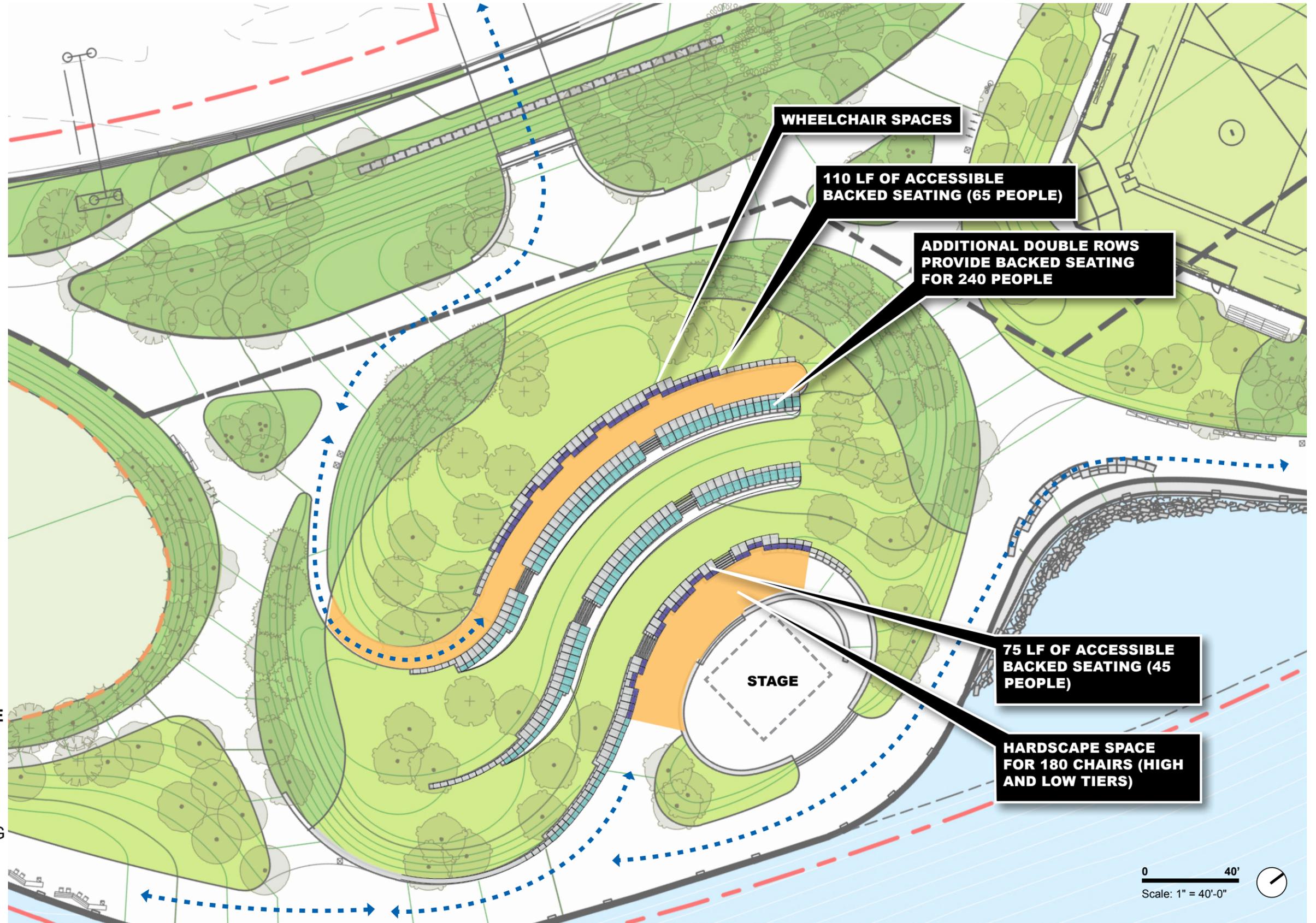
PROPOSED ACCESSIBILITY



← - - - → accessible path

SEATING AND ACCESSIBILITY

BACKED SEATING



NOTE:
SEAT WALL CAPACITY: 750 PEOPLE
BACKED SEATING: 330 PEOPLE
ACCESSIBLE FOR THE ELDERLY /
MOBILITY IMPAIRED: 110 PEOPLE

HARDSCAPE CAPACITY: 180 PEOPLE

-  ACCESSIBLE BACKED SEATING
-  BACKED SEATING
-  HARDSCAPE
-  ACCESSIBLE PATH

0 40'
Scale: 1" = 40'-0"

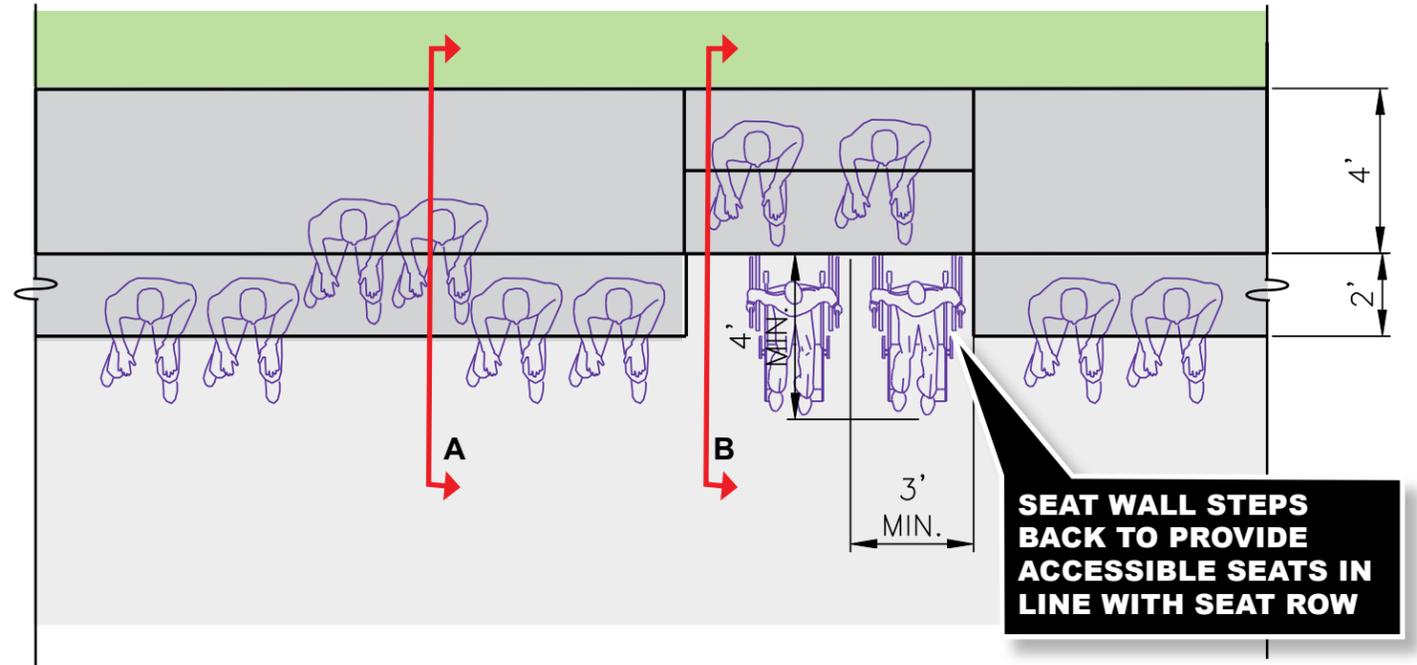
SEATING AND ACCESSIBILITY

BACKED SEATING

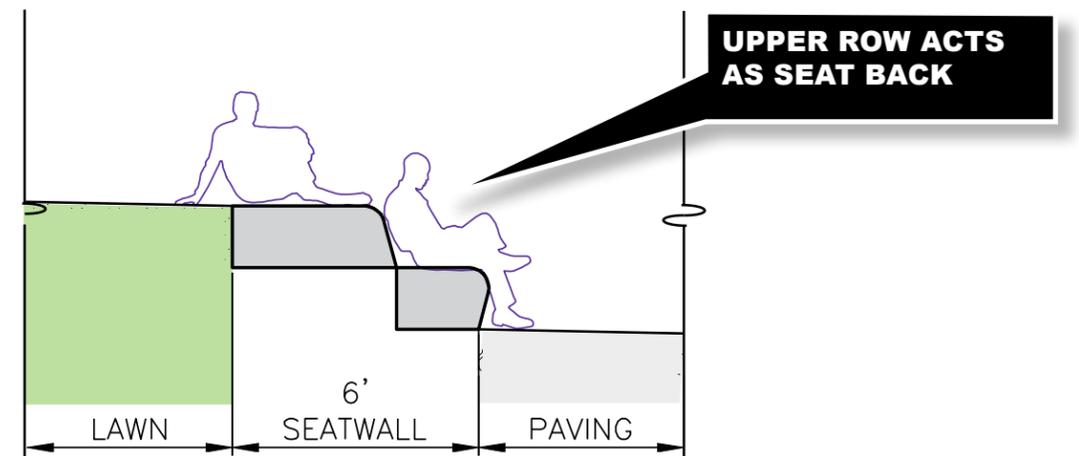
VIEW



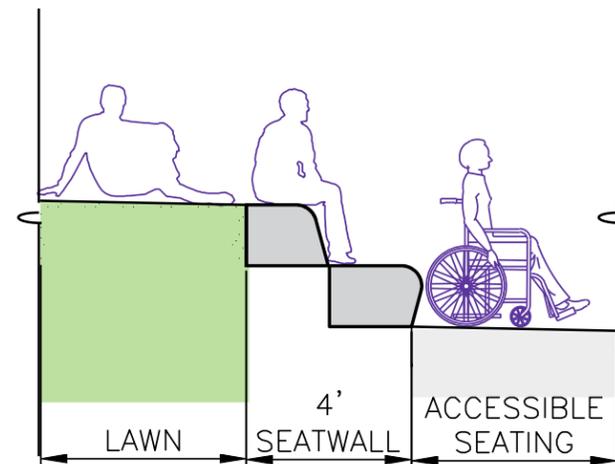
PLAN



SECTION A

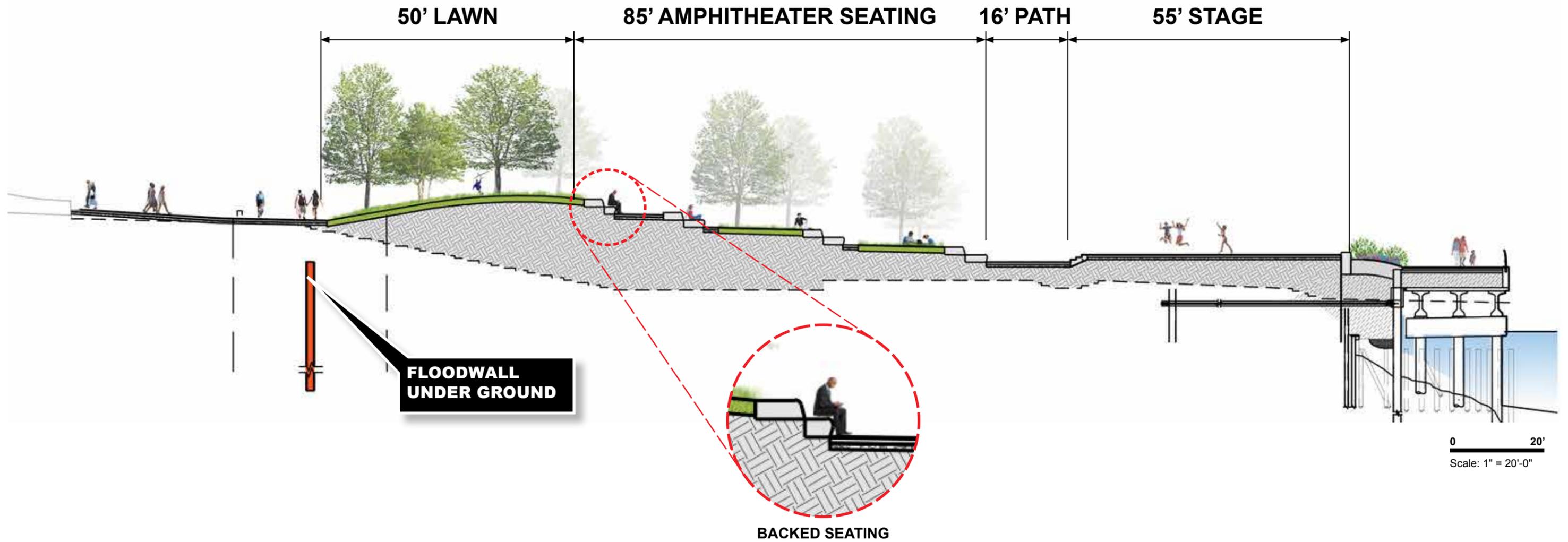


SECTION B



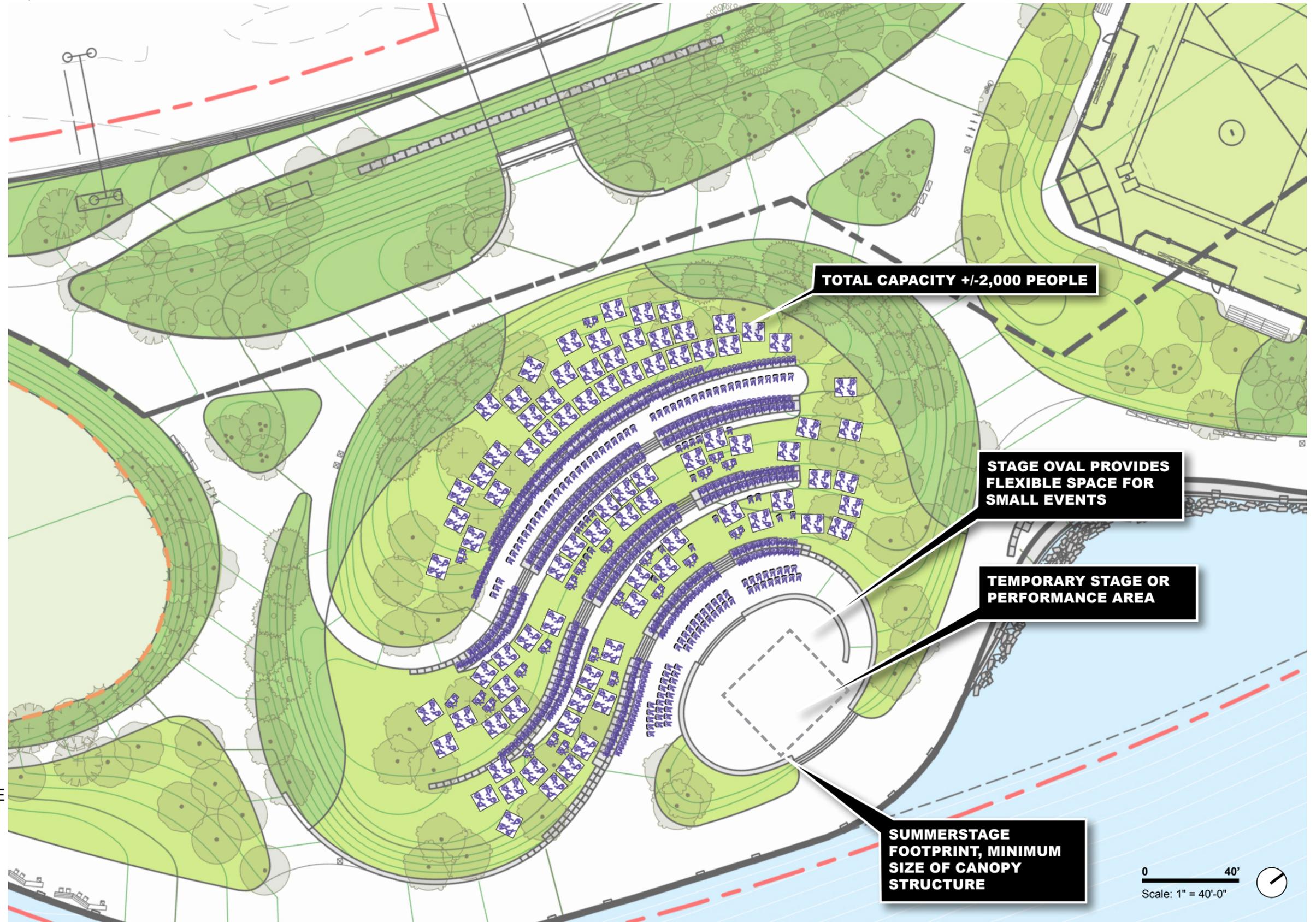
SITE DESIGN UPDATES

PROPOSED SECTION



CAPACITY

SUMMERSTAGE CONCERT, LARGE EVENTS



NOTE:

TOTAL SIZE: +/-40,000 SF

TOTAL CAPACITY: +/-2,000 PEOPLE

LAWN CAPACITY: 1,070 PEOPLE

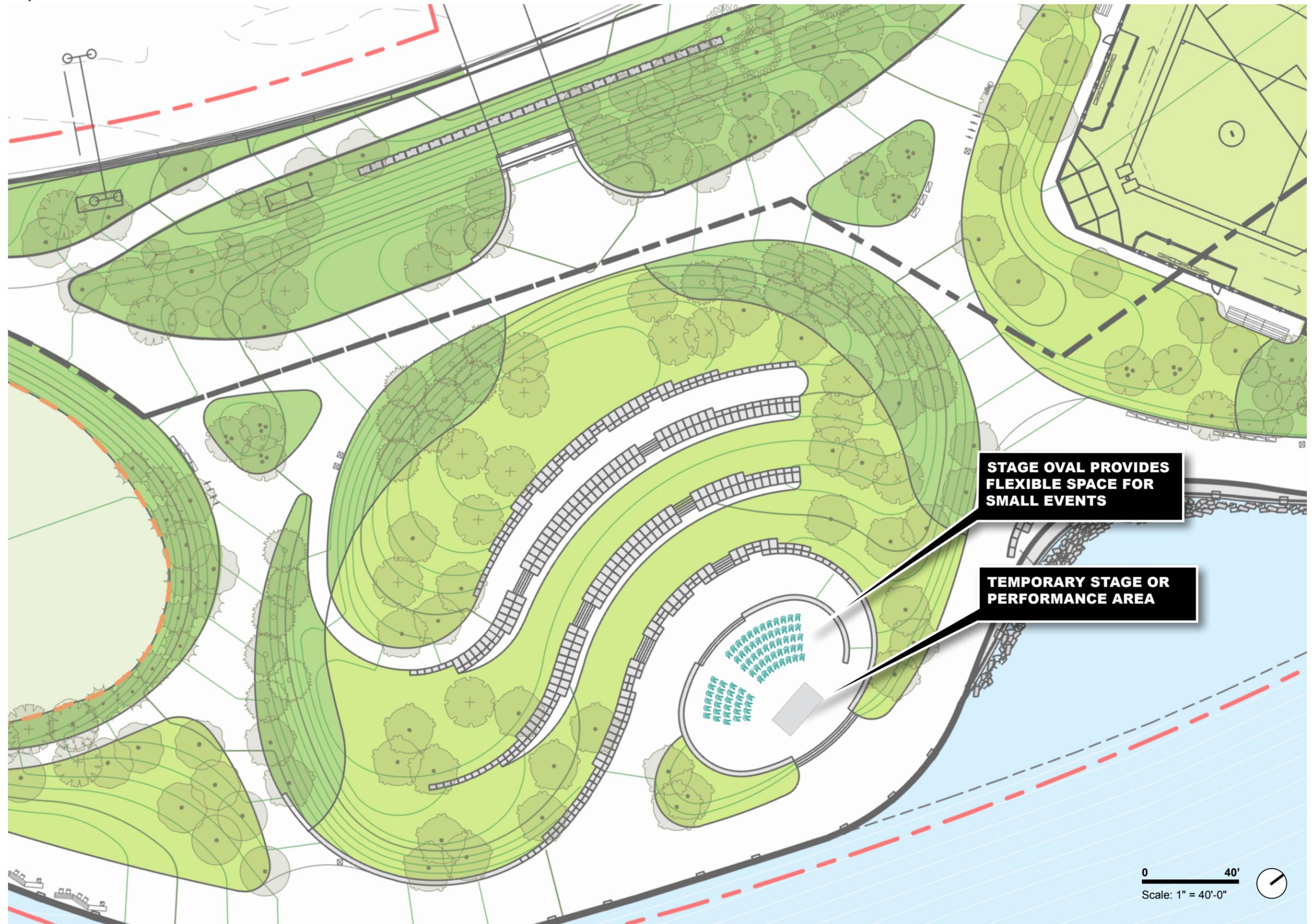
FIXED SEATING CAPACITY: 750 PEOPLE

HARDSCAPE CAPACITY = 180 PEOPLE

— 2000 people

CAPACITY

SUMMERSTAGE CONCERT, SMALL EVENTS



75 people

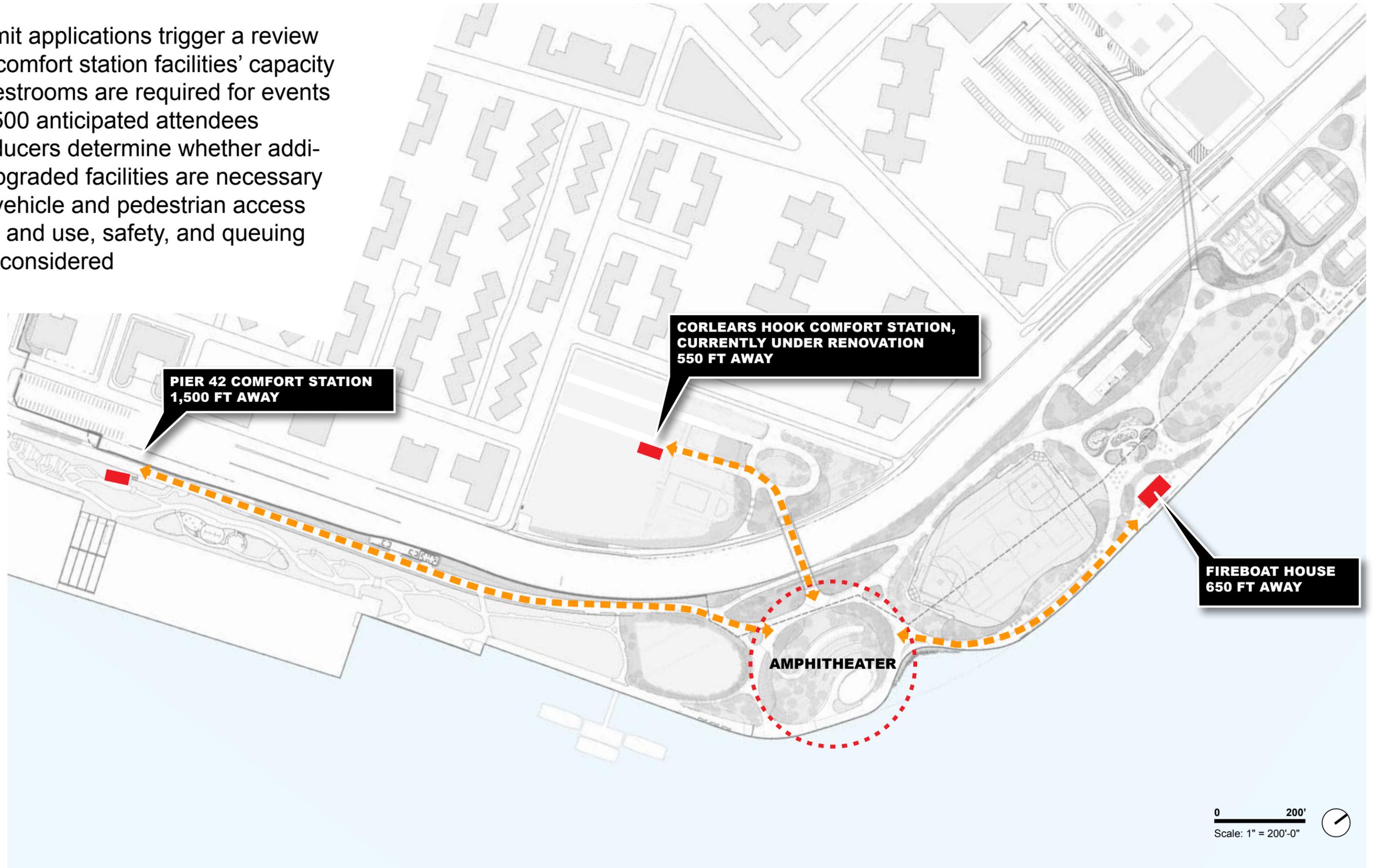
ACOUSTICS

AMPHITHEATER ACOUSTICAL STUDY STATUS

- Amphitheater Acoustical Noise Study Underway, including:
 - Baseline Amphitheater Noise Monitoring (Noise Measurements) were taken in May 2019 (with and without events occurring)
- Existing Condition Noise Model has been Created and Calibrated using existing noise measurements
- Noise Model representing proposed Amphitheater Design in progress
- Acoustical Study will evaluate viability and effectiveness of noise reduction measures, including:
 - Sound system restrictions
 - Time Restrictions
 - Physical Barriers
 - Acoustical treatments
- Noise Level Control Points with allowable maximum noise levels will be established to provide compliance criteria for enforcement

RESTROOMS

- Large permit applications trigger a review of nearby comfort station facilities' capacity
- Portable restrooms are required for events with over 500 anticipated attendees
- Event producers determine whether additional or upgraded facilities are necessary
- Location, vehicle and pedestrian access for loading and use, safety, and queuing space are considered



POWER

- 34" wide x 10" tall electrical cabinet mounted in amphitheater stage wall
- Accessible by permitted events, locked at other times

PRECEDENT IMAGES



WHAT WE HEARD: STRUCTURE

- **Existing amphitheater structure is important to community and park identity**
- **Structure provides a sense of arrival and anticipation crossing the Corlears Hook Bridge into the park**

STRUCTURE

DRAFT PROPOSAL



AMPHITHEATER STRUCTURE IS BEING CONSIDERED AS A SEPARATE SUBMITTAL

VIEW FROM CORLEARS HOOK BRIDGE



VIEW FROM EMBAYMENT



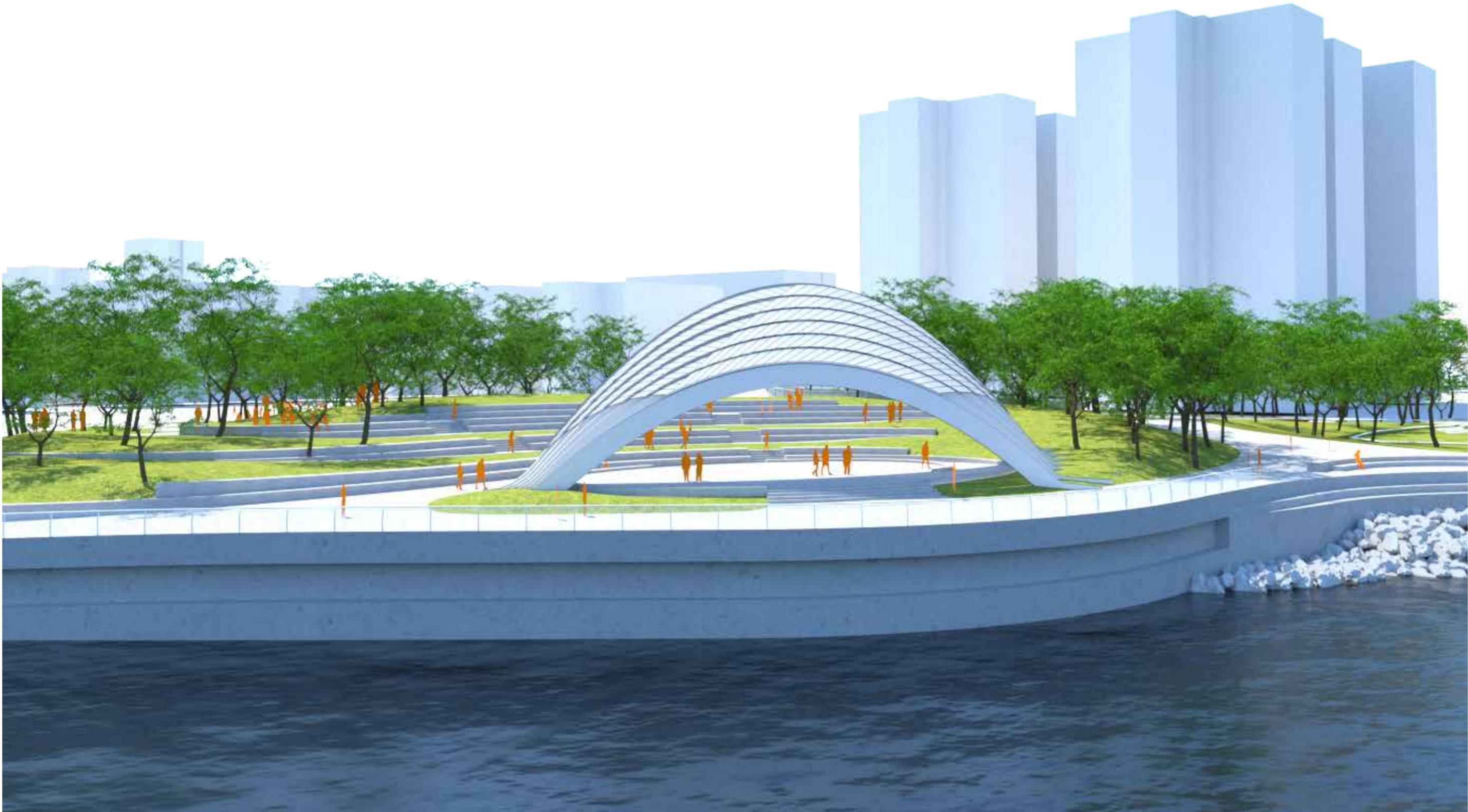
VIEW FROM ESPLANADE



VIEW FROM OVERFLOW SEATING

STRUCTURE

DRAFT PROPOSAL



An aerial architectural rendering of a city waterfront development. The scene shows a dense urban grid of buildings on the left, transitioning into a waterfront area with a suspension bridge crossing a body of water. The waterfront area features several green spaces, including a large rectangular field and several smaller circular parks. The entire image is overlaid with a semi-transparent teal color.

SITE DESIGN UPDATE

ESPLANADE EMBAYMENT

CURRENT DESIGN



Website

NYC East Side Coastal Resiliency 311 Search all NYC.gov websites

NYC Italiano Translate Text Size

The East Side Coastal Resiliency Project

Home Vision Background Progress Get Involved Resources Search

Draft Environmental Impact Statement (DEIS) Now Available for Review and Comments

The East Side Coastal Resiliency Project

The East Side Coastal Resiliency (ESCR) Project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street.

The ESCR Project is a priority of the City of New York as outlined in the 2015 *One New York: The Plan for a Strong and Just City* and by the innovative Rebuild by Design competition sponsored by the U.S. Department of Housing and Urban Development (HUD). The project design intends to integrate flood protection into the community fabric, improving access to the waterfront rather than walling off the neighborhood.

Partners

NYC DDC
Department of Design and Construction

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