

East Side Coastal Resiliency Preliminary Design Update

Community Board 6 Review

Land Use Committee: March 26, 2018

Full Board: April 11, 2018

PRESENTATION CONTENTS

A. SITE STRATEGY

B. SITE DESIGN

C. SCHEDULE AND NEXT STEPS

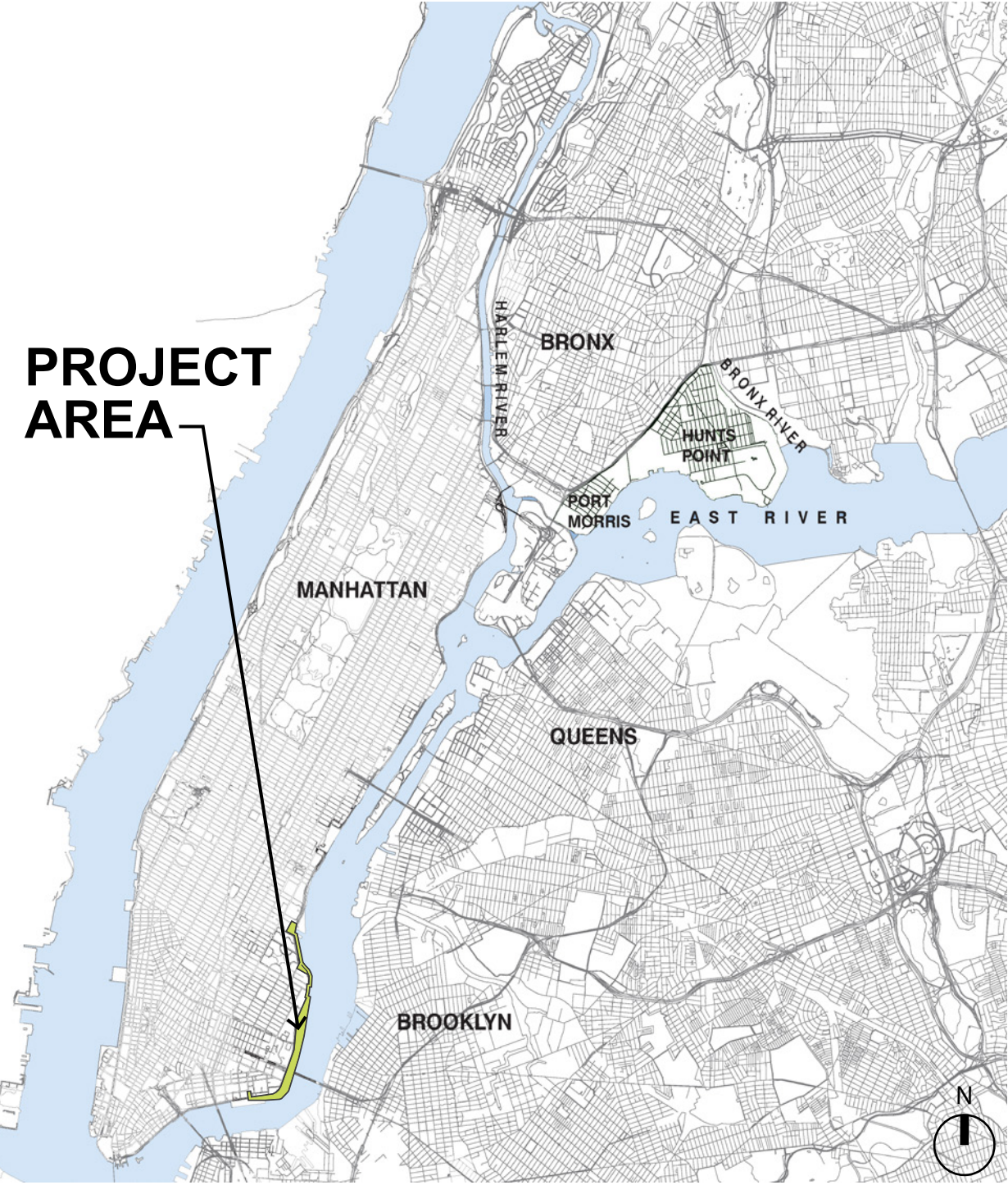
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BOROUGH CONTEXT

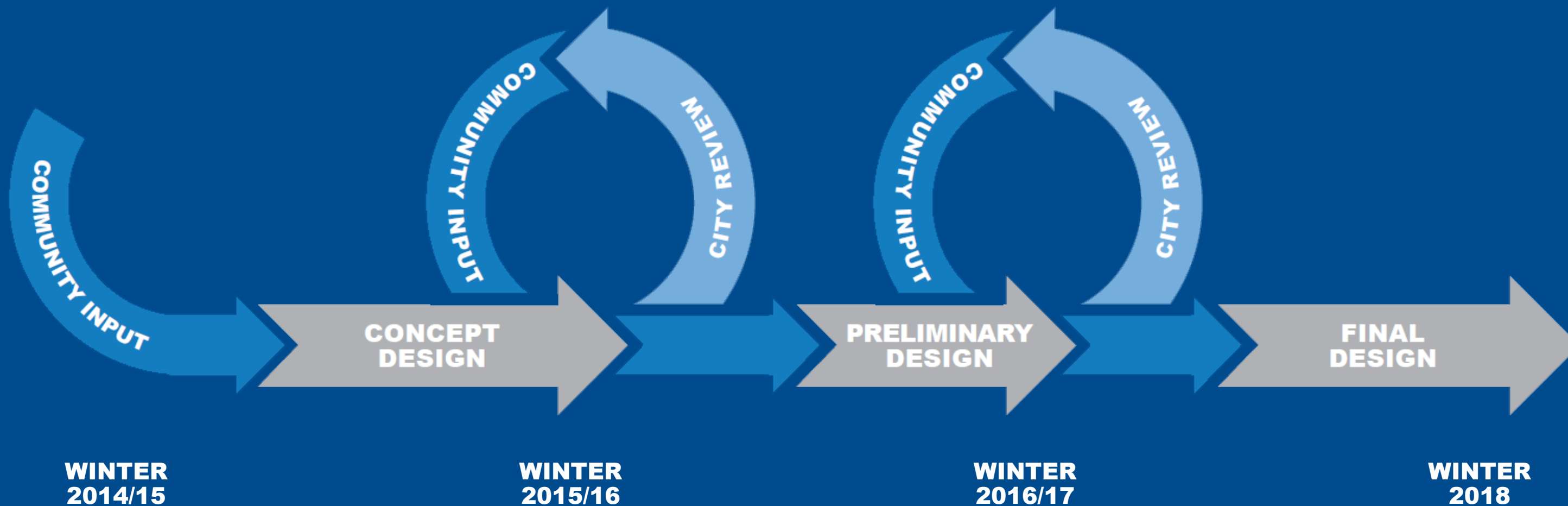


NEIGHBORHOOD CONTEXT

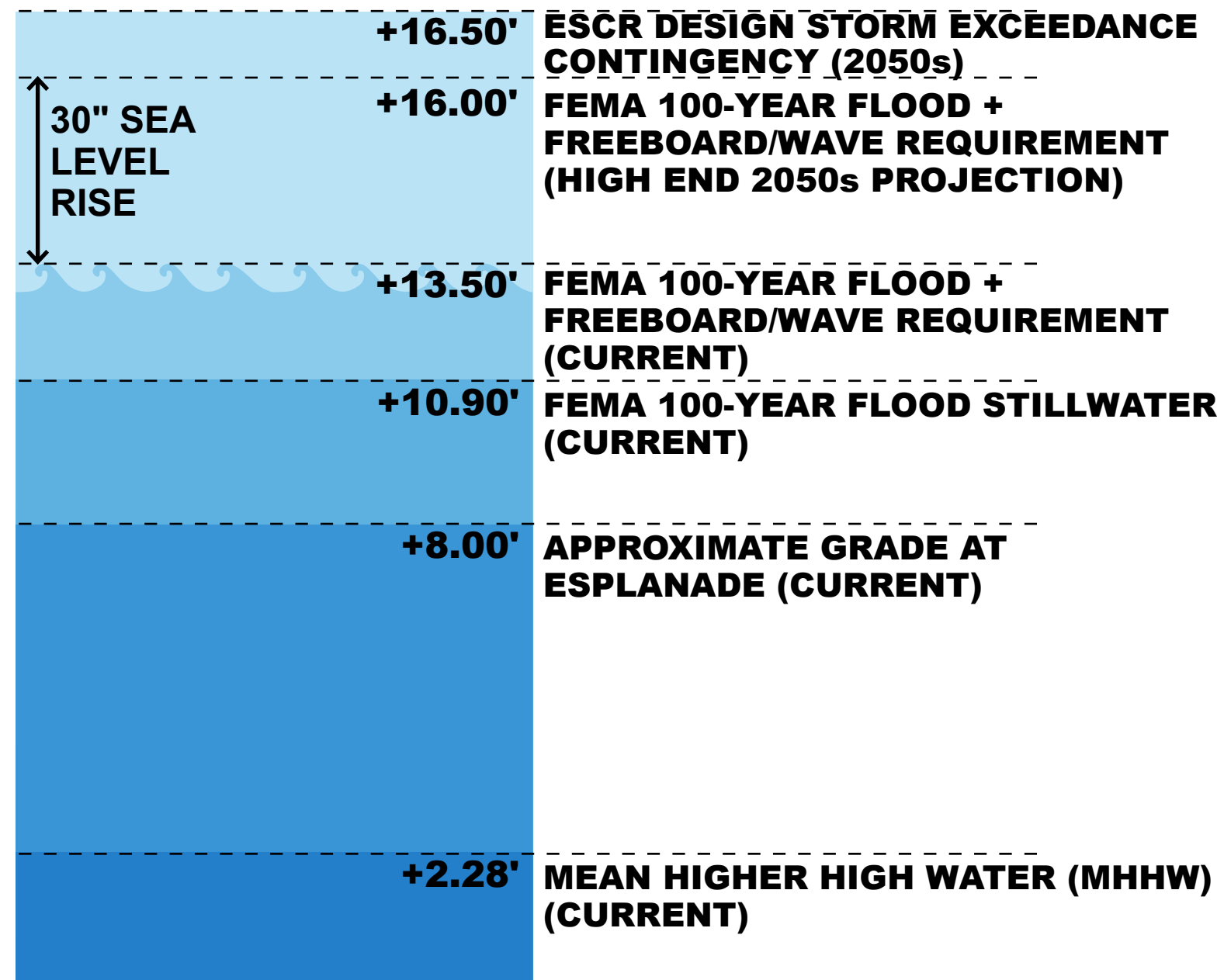


- Provide a reliable, integrated flood protection system; minimize use of closure structures
- Improve waterfront open spaces and access
- Respond quickly to the urgent need for increased flood protection and resiliency
- Achieve implementation milestones and project funding allocations as established by HUD

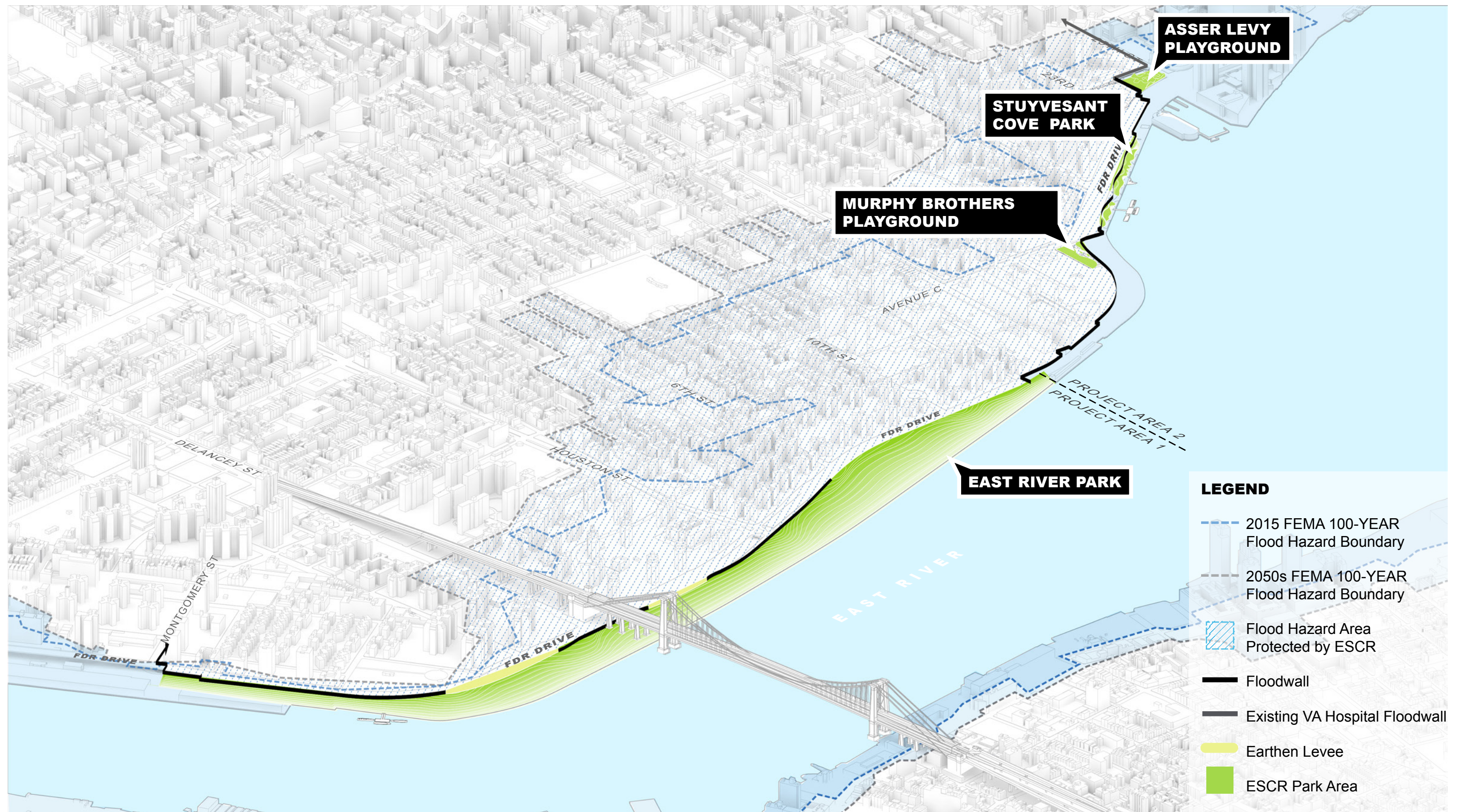


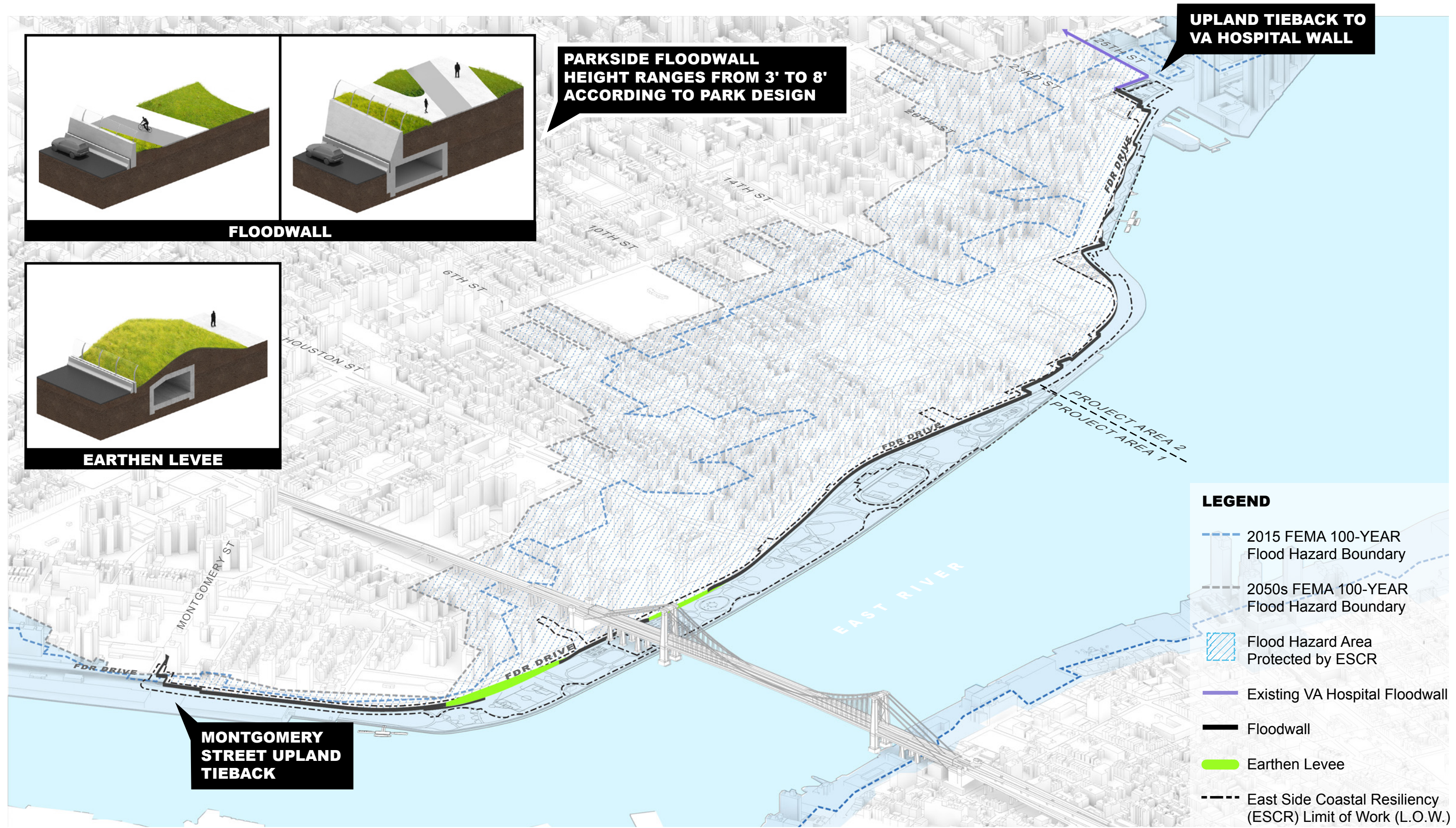


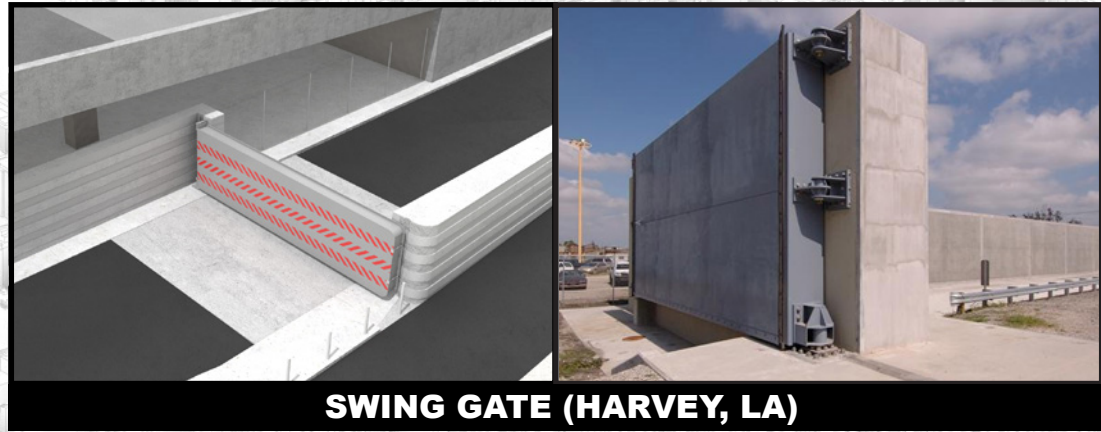
HUD FUNDING REQUIREMENT:
THE SYSTEM MUST PURSUE
FEMA ACCREDITATION WITH
MINIMUM SYSTEM ELEVATION AT
CURRENT FEMA 100-YEAR STORM
ELEVATION + FREEBOARD



NOTE: ALL ELEVATIONS SHOWN IN NAVD88



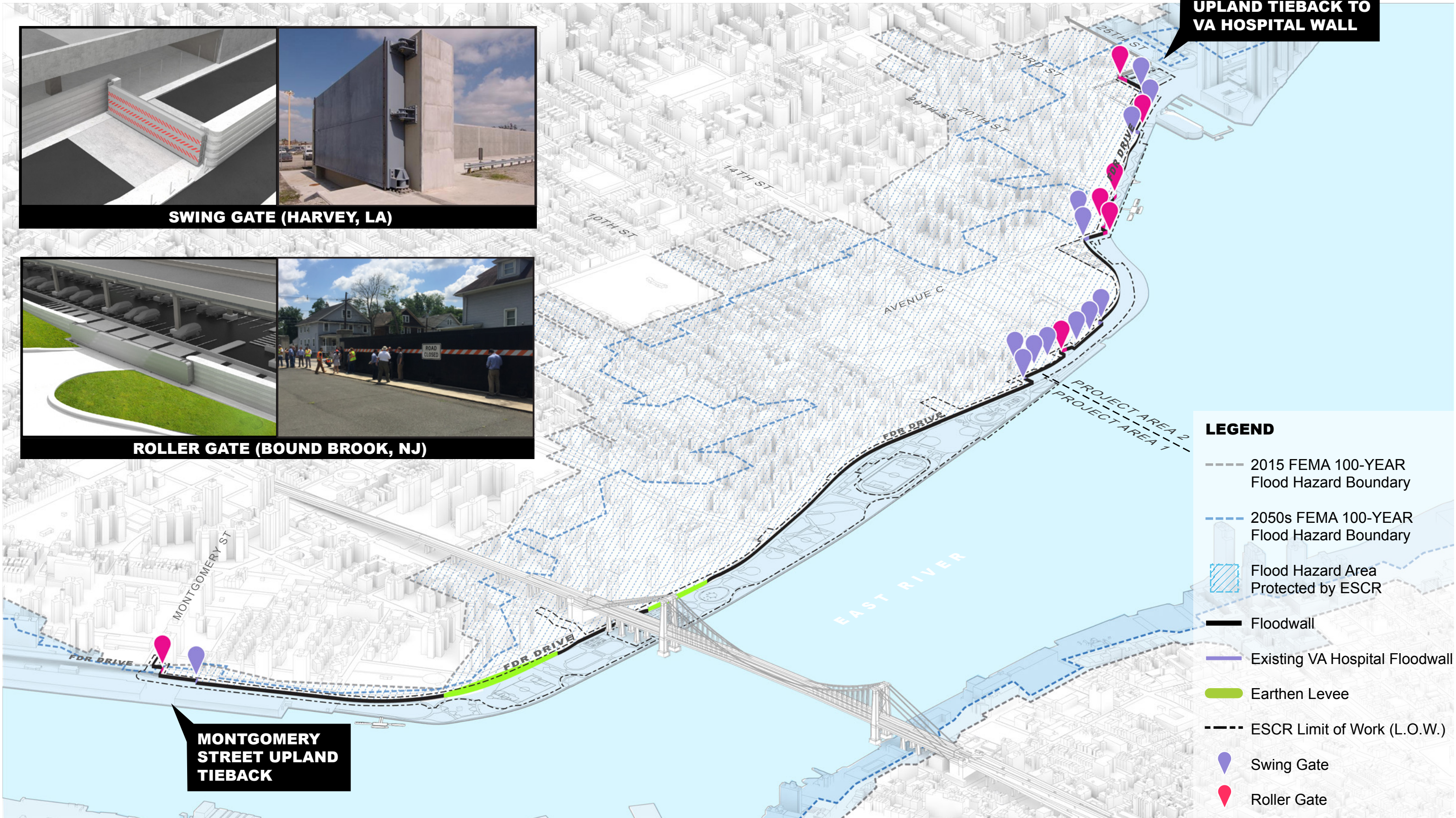




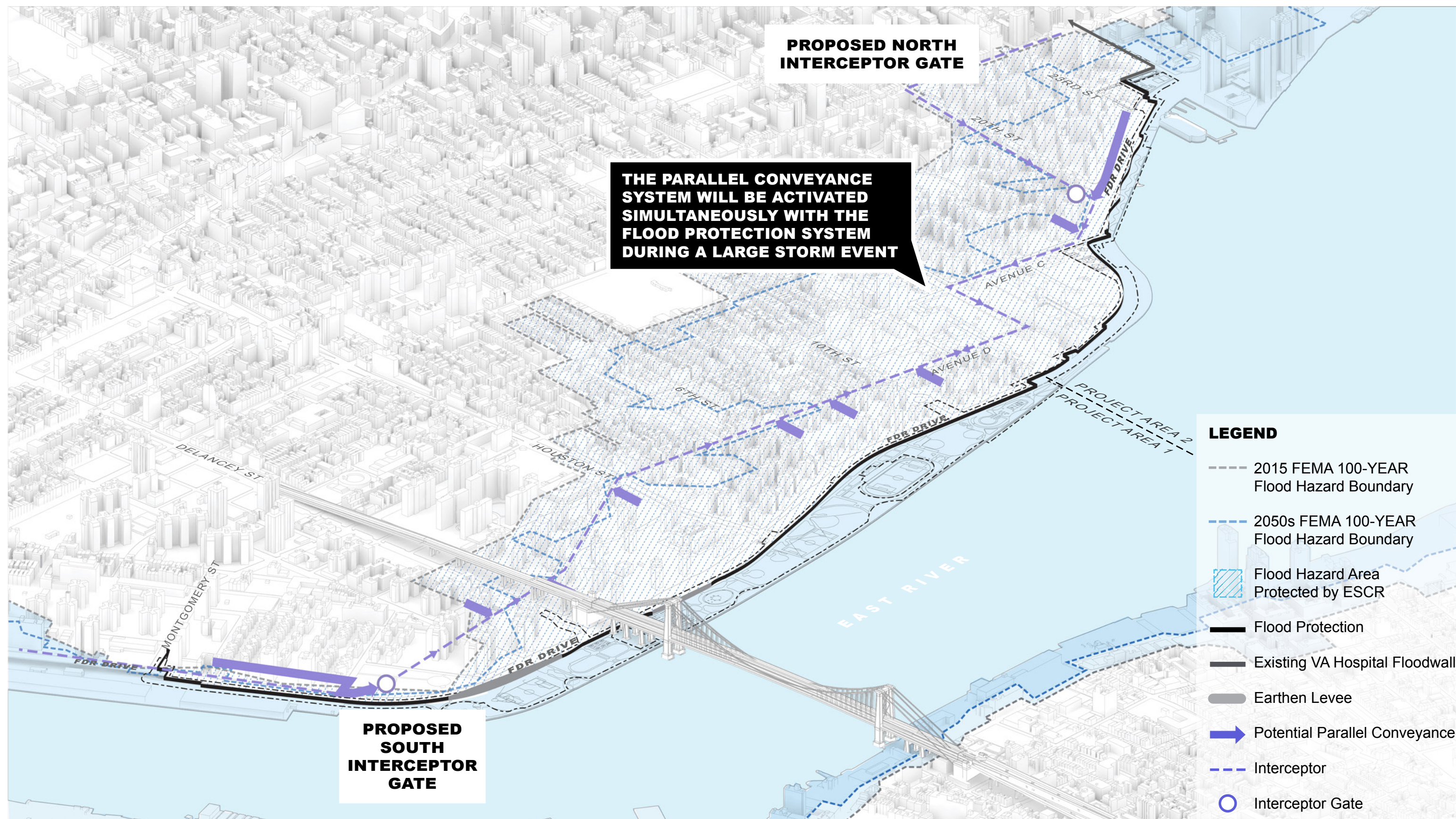
SWING GATE (HARVEY, LA)

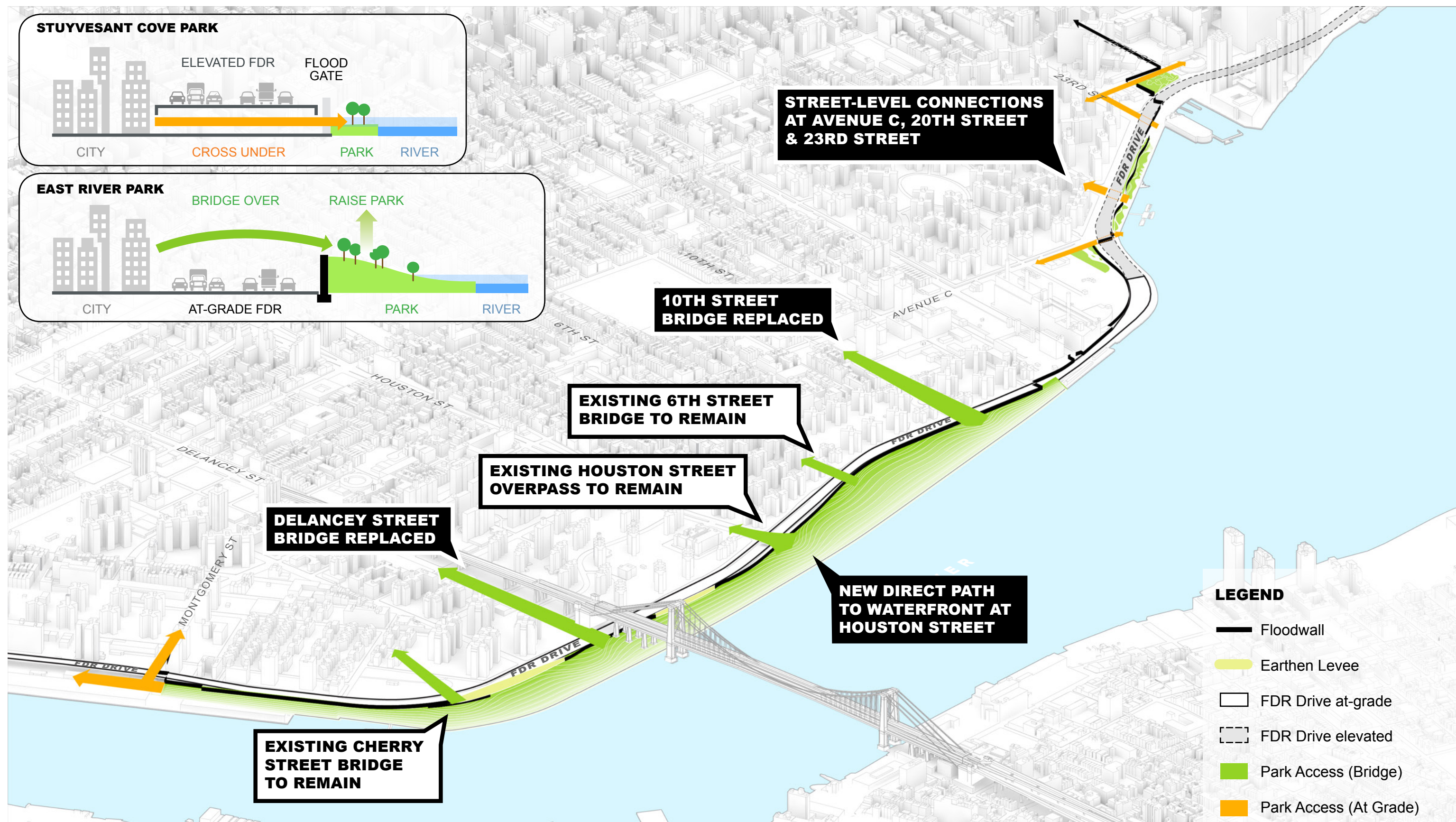


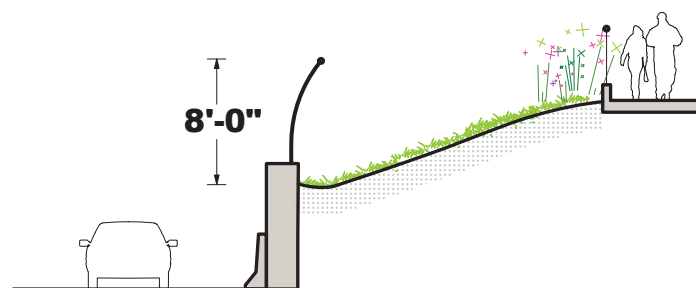
ROLLER GATE (BOUND BROOK, NJ)



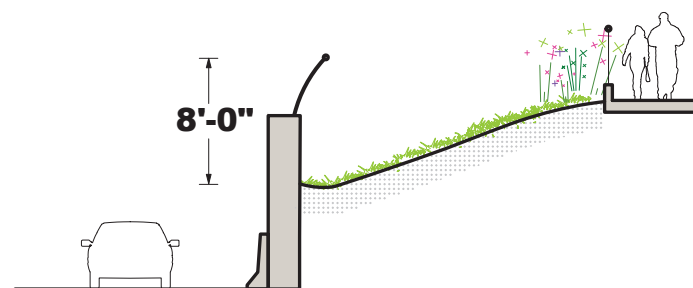
- LEGEND**
- 2015 FEMA 100-YEAR Flood Hazard Boundary
 - 2050s FEMA 100-YEAR Flood Hazard Boundary
 - Flood Hazard Area Protected by ESCR
 - Floodwall
 - Existing VA Hospital Floodwall
 - Earthen Levee
 - ESCR Limit of Work (L.O.W.)
 - Swing Gate
 - Roller Gate



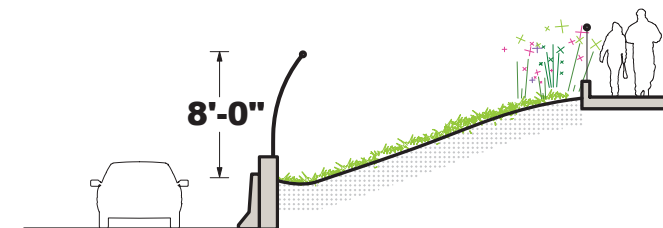




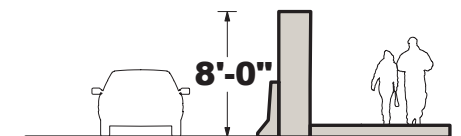
LOW WALL + HIGH FENCE



HIGH WALL + LOW FENCE



**RETAINING WALL + FENCE
(AT LEVEE)**



NO FENCE



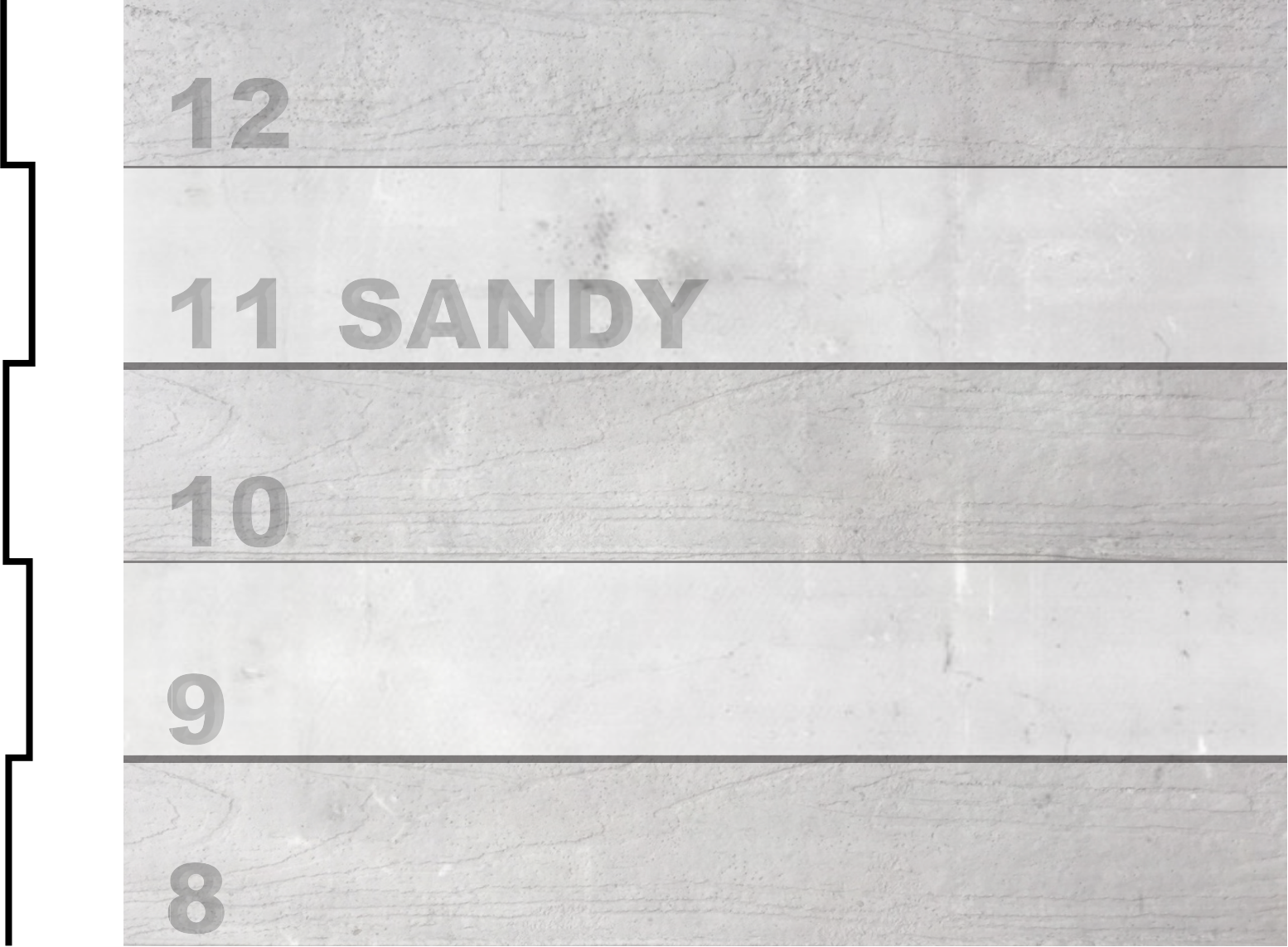
ELEVATION MARKER

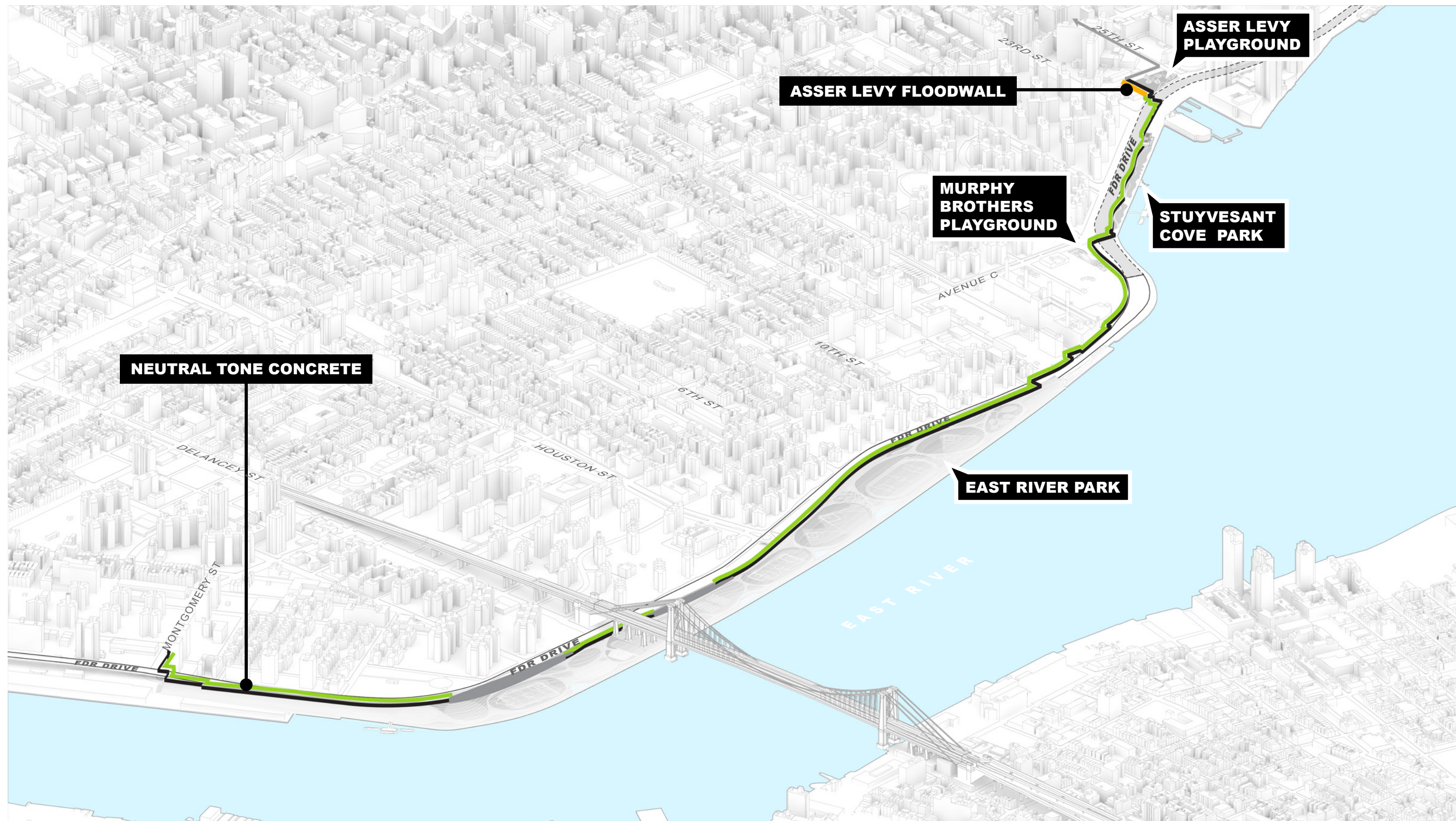
The floodwall finish responds to the overall project intent by registering elevation markers. Water Level Meter, Chicago, IL

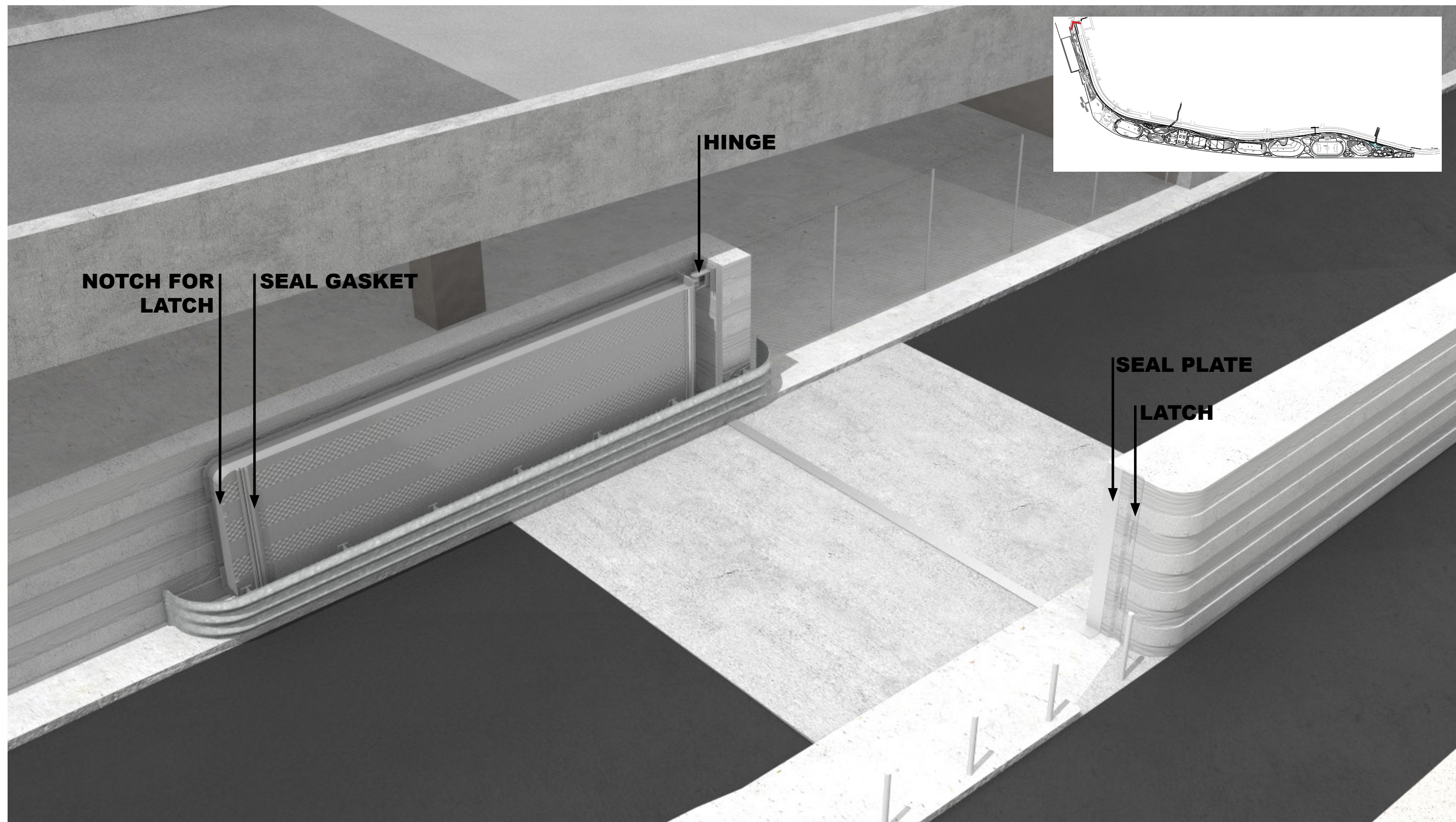


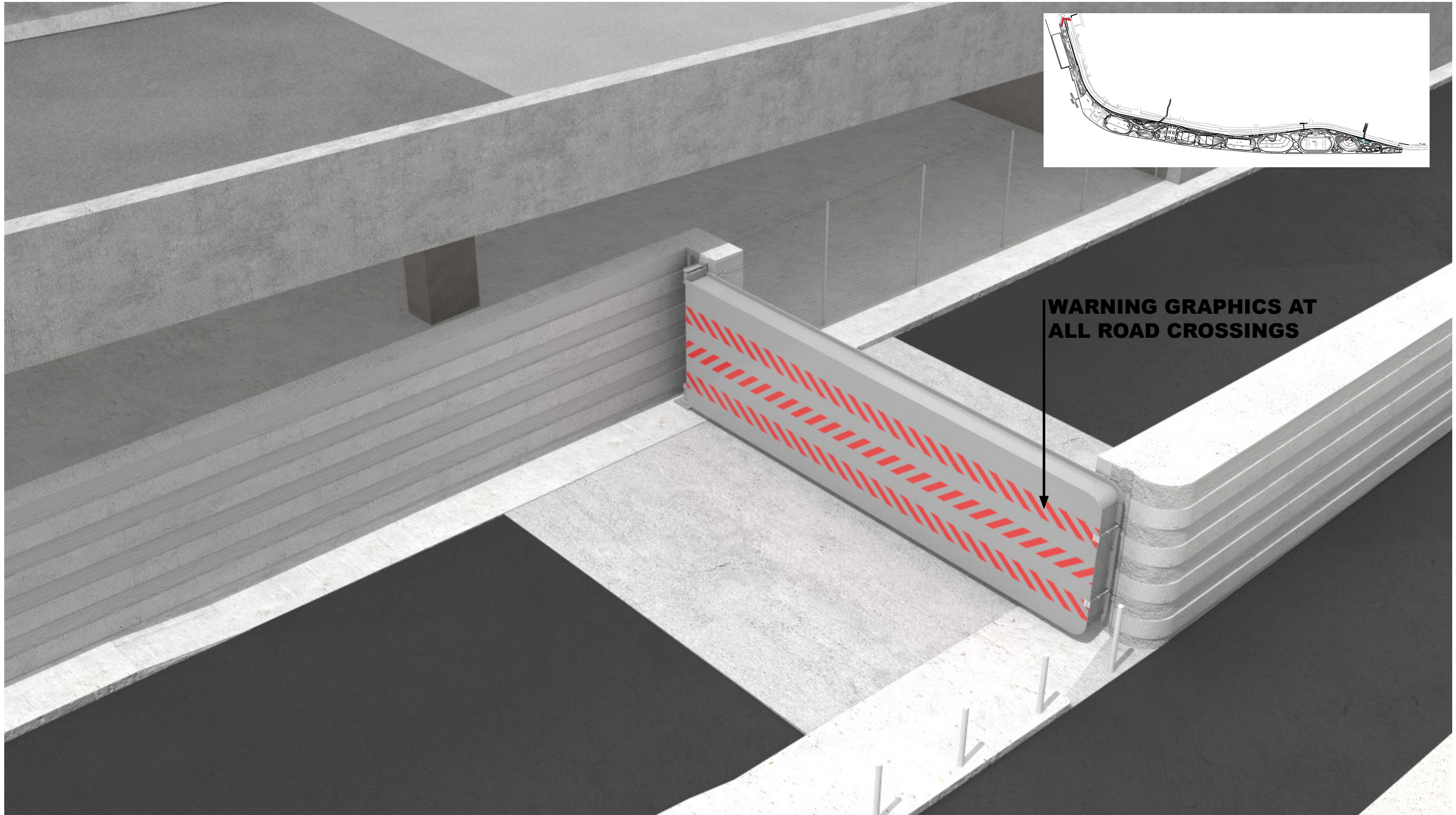
INFORMATION

The wall texture expresses each foot of wall height. At select locations, such as entry locations and bridge abutments, elevation letterforms are recessed into the wall face.

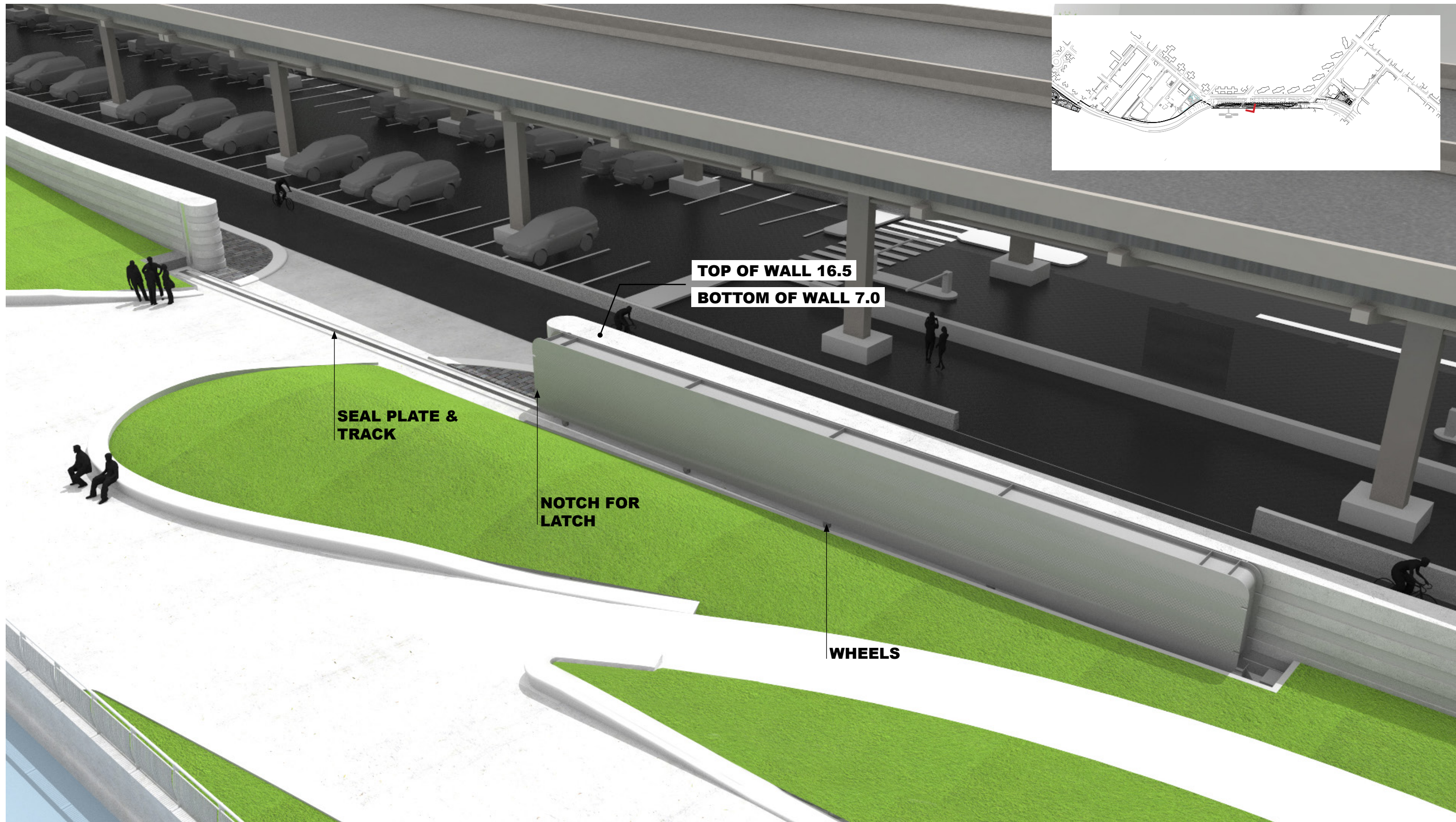


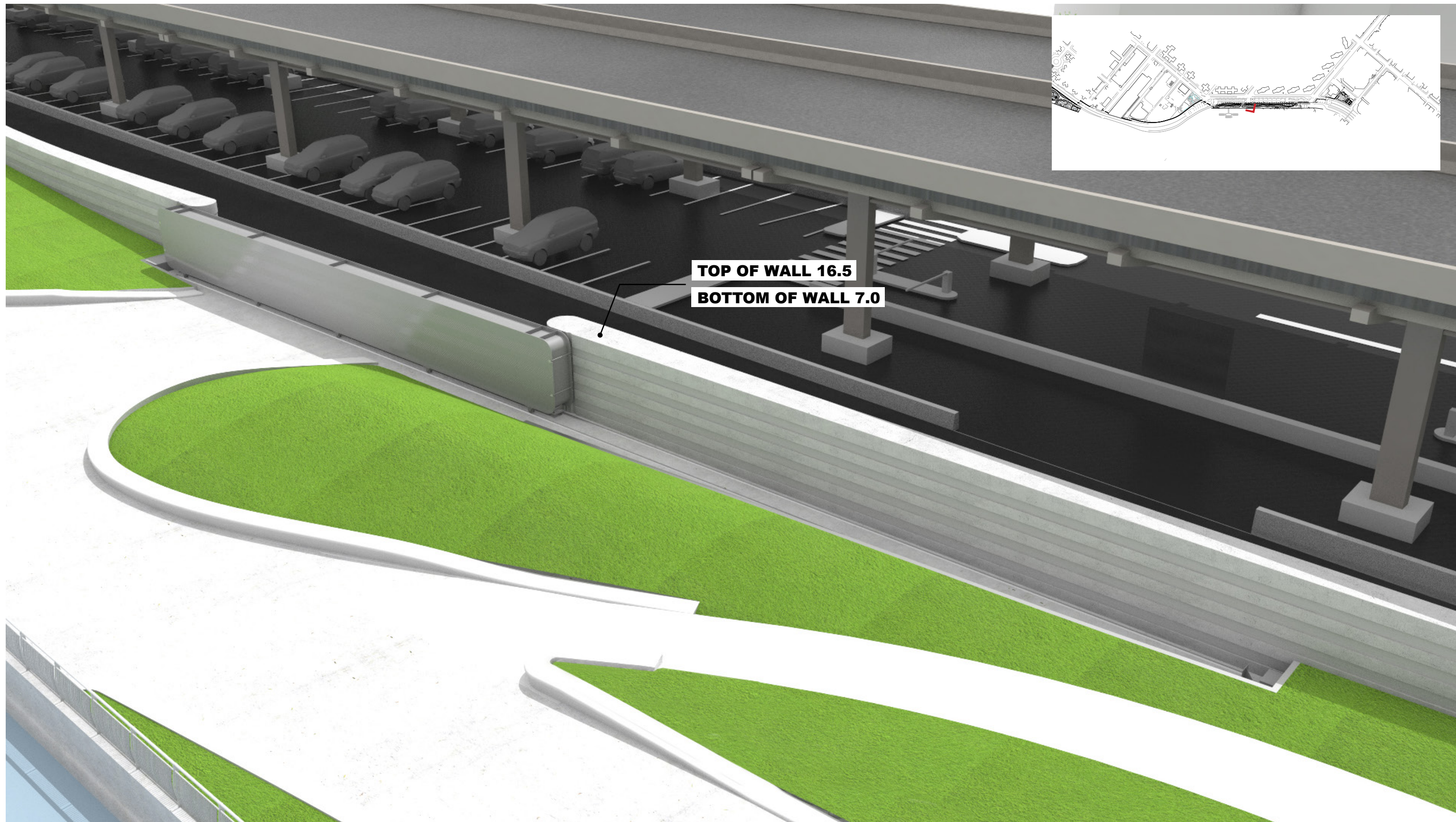






**WARNING GRAPHICS AT
ALL ROAD CROSSINGS**





COMMUNITY BOARD PROJECT UPDATES

A. SITE STRATEGY

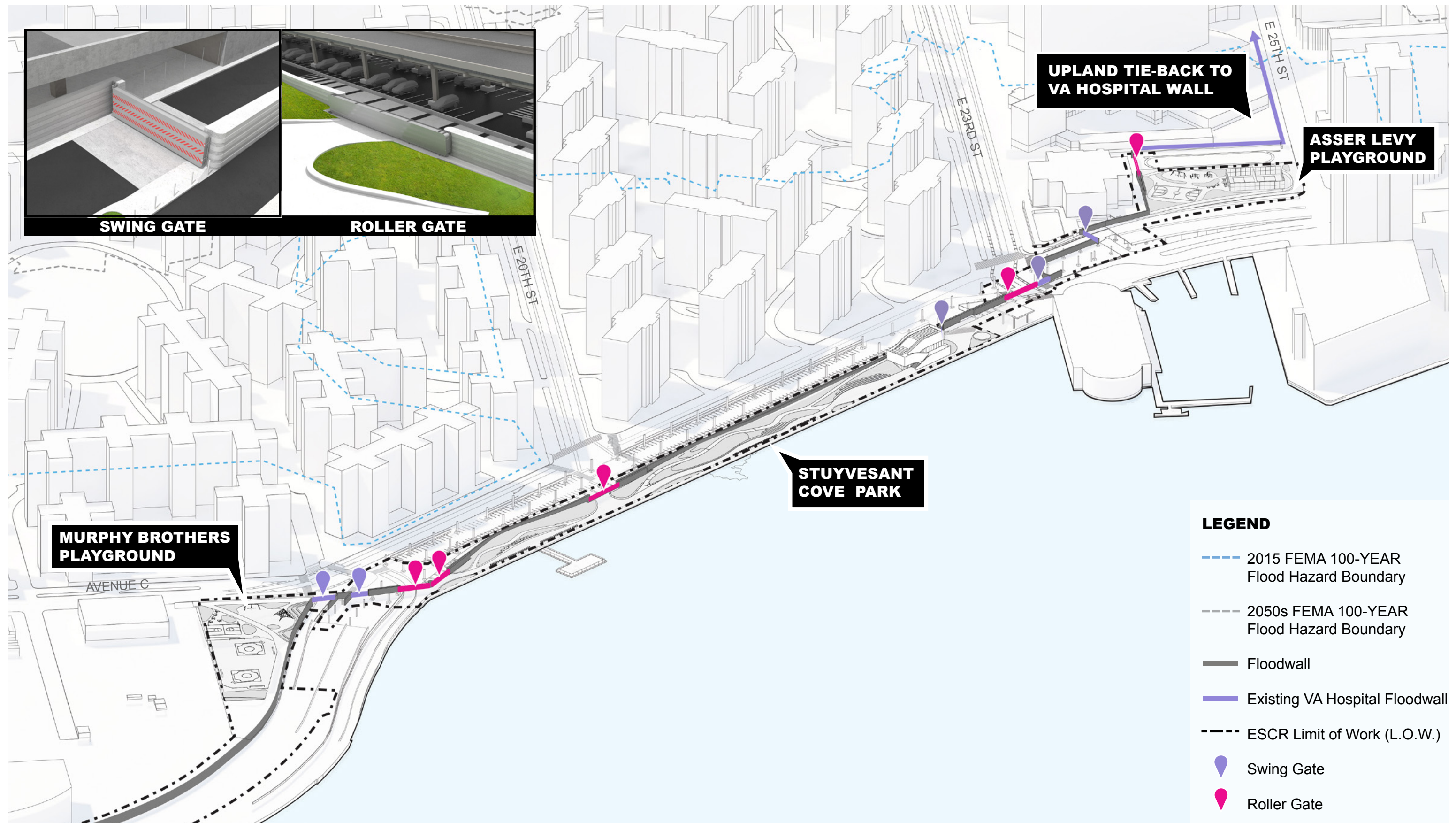
B. SITE DESIGN

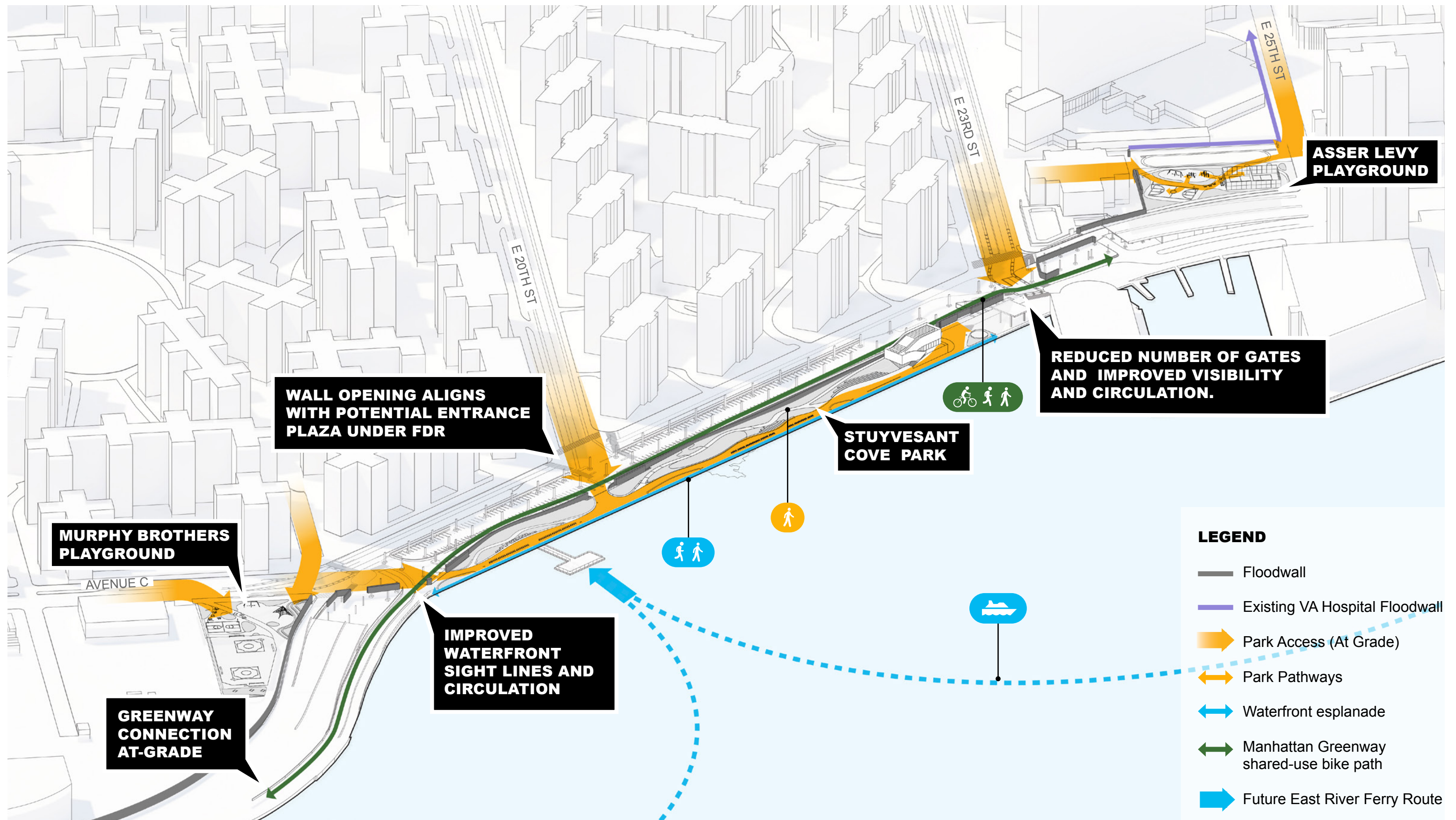
C. SCHEDULE & NEXT STEPS



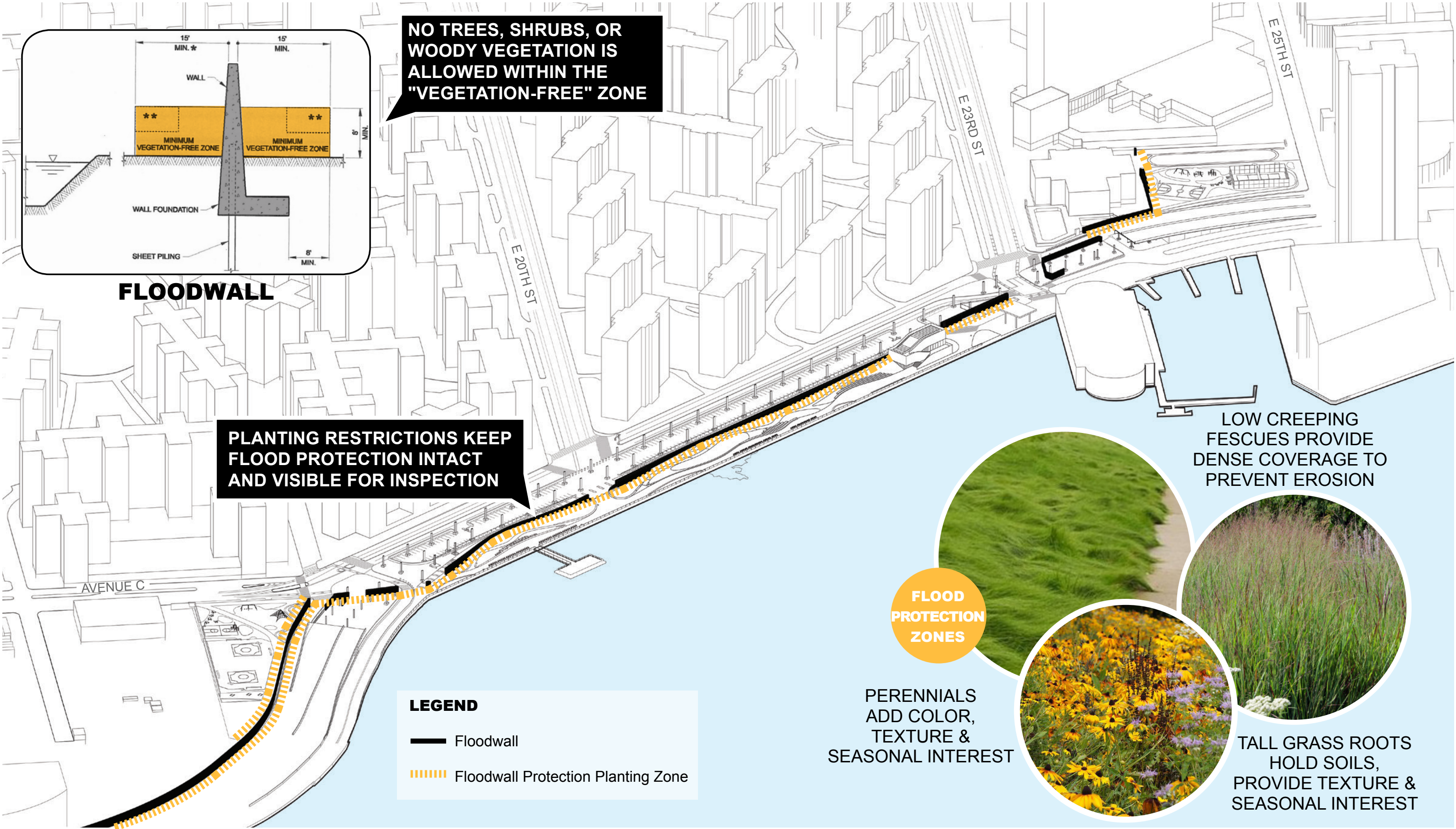


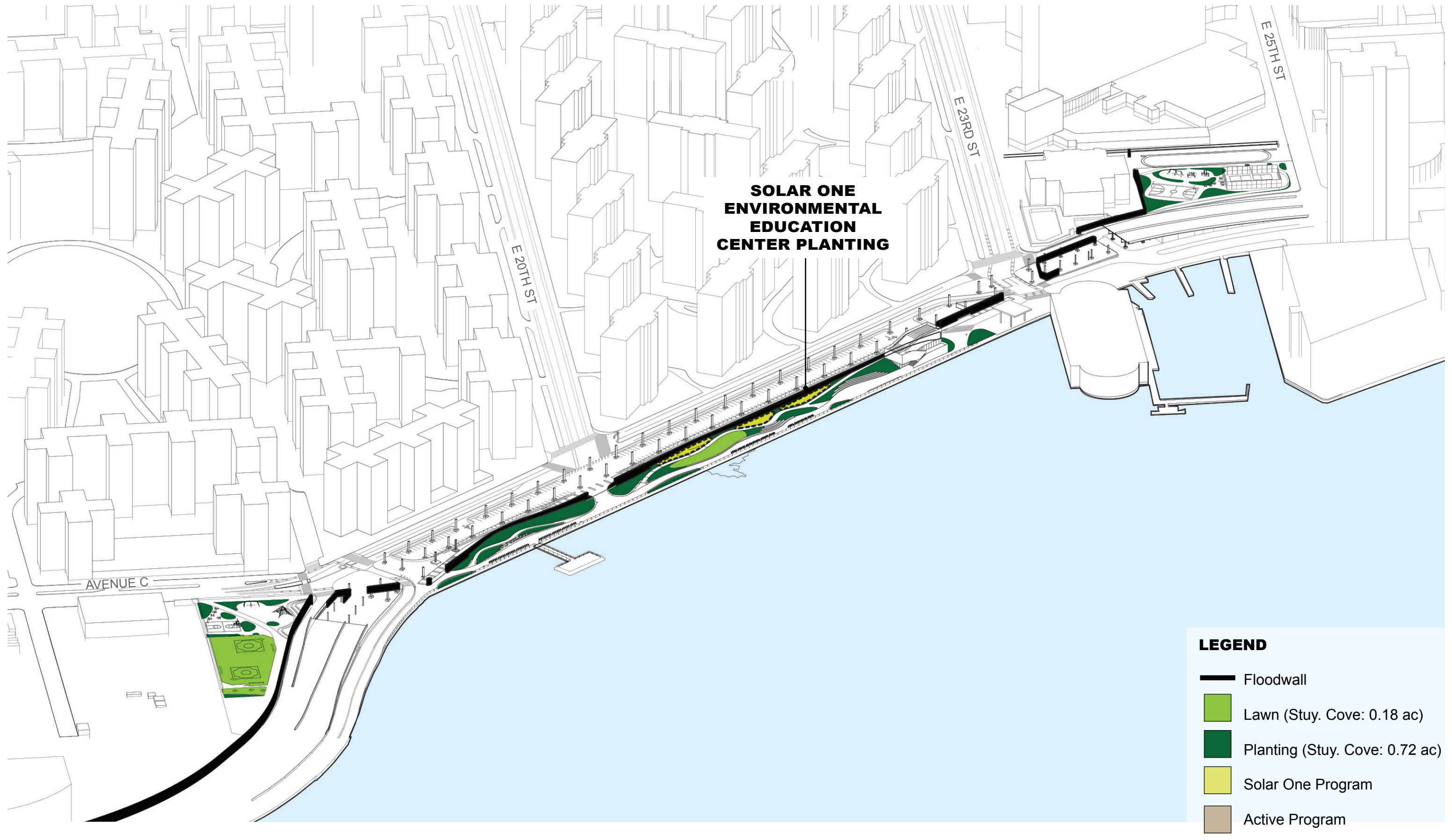










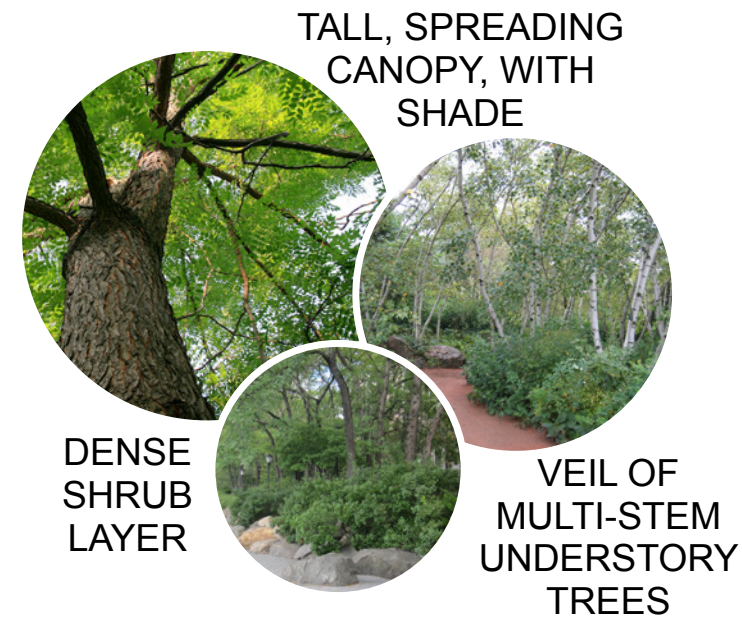
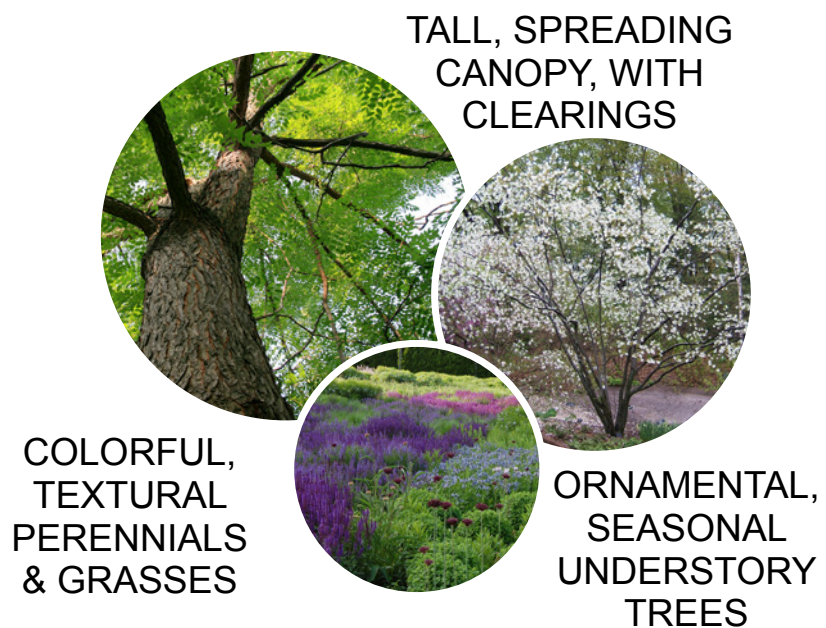




PRESERVING EXSITING TREES



- LEGEND**
- Floodwall
 - Proposed Tree Canopy
 - Existing Tree Canopy - Remaining



PASTORAL GROVE

- Location: Open lawns and spectator areas
- Lawn groundplane maintains open sight lines and open circulation
- Maintenance: Trees, lawn



LAYERED GROVE

- Location: Clearing edges and special areas
- Ornamental understory trees and a low perennial groundplane maintain veiled, eye-level sight lines
- Plant rails at planting beds guide circulation
- Maintenance: Trees, garden beds



THICKENED GROVE

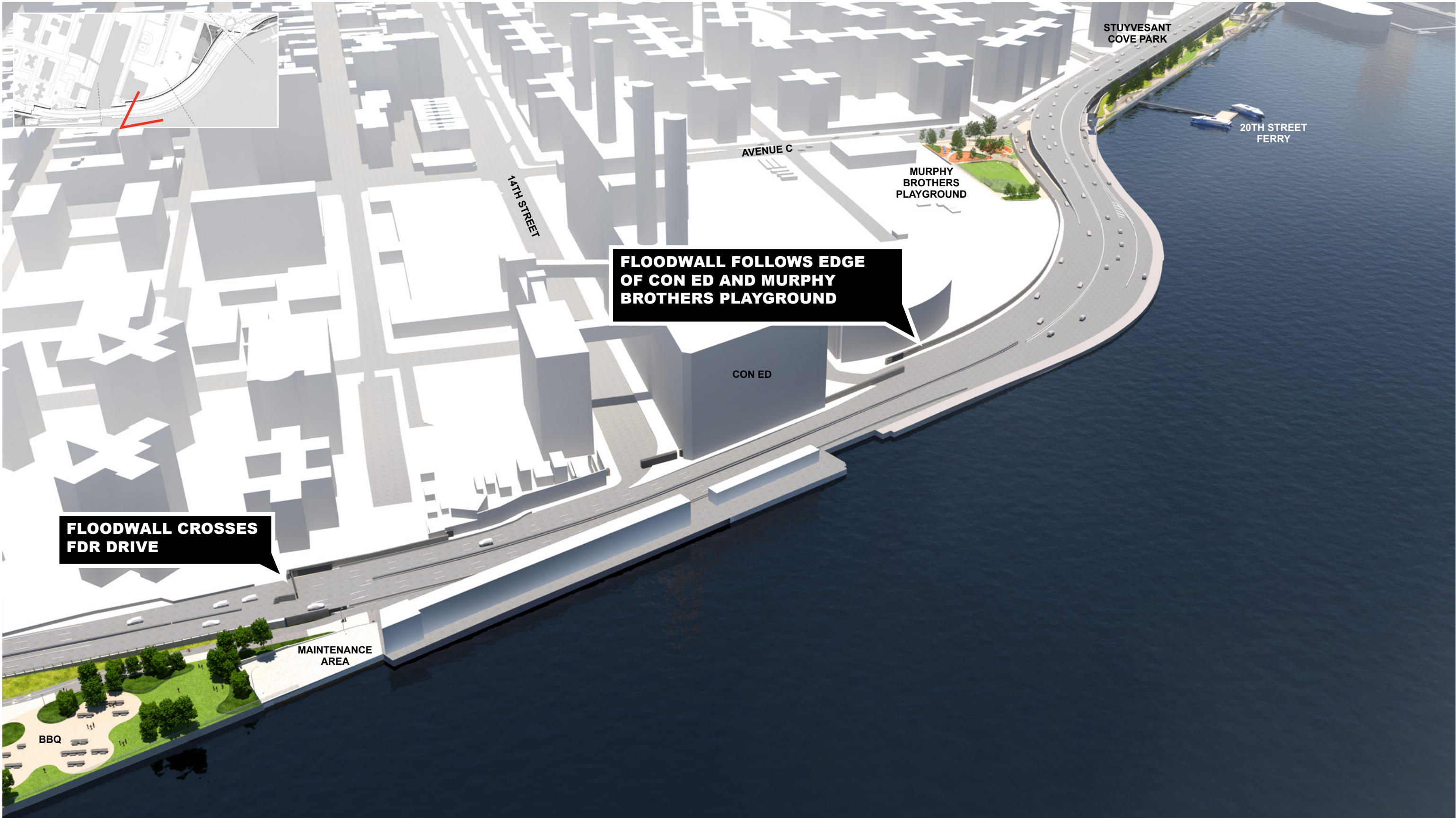
- Location: Paths and thresholds to frame views and buffer spaces
- Understory trees and shrub layer frame views and guide circulation forward
- Maintenance: Trees, shrubs









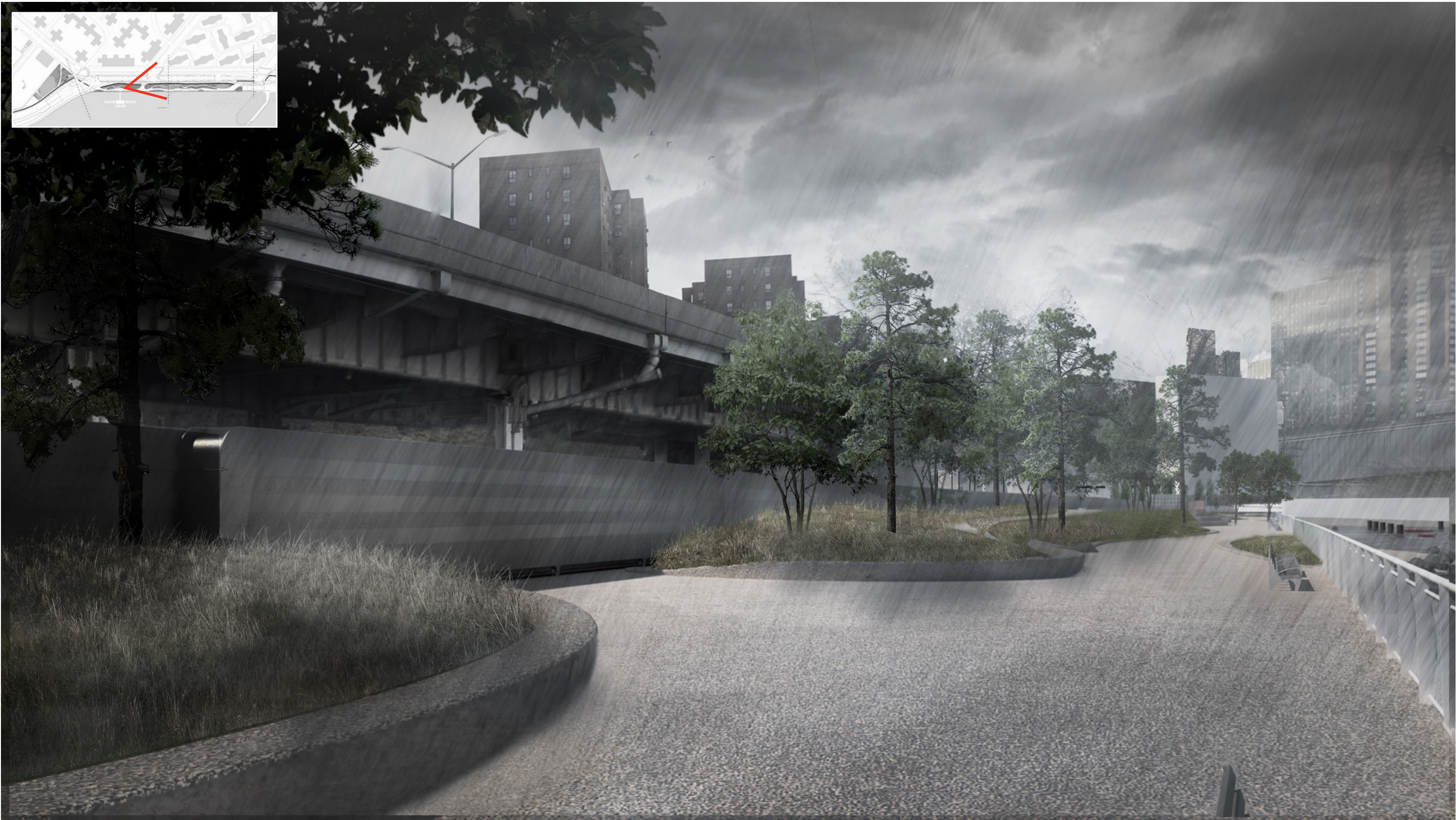
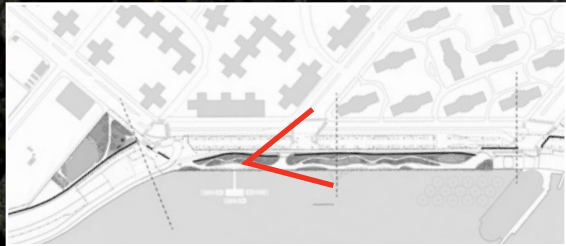




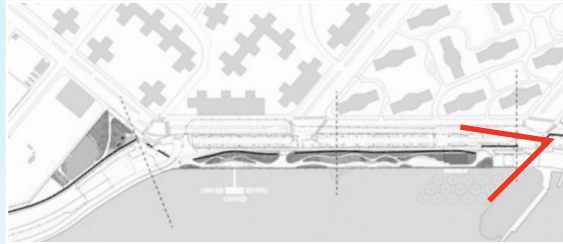


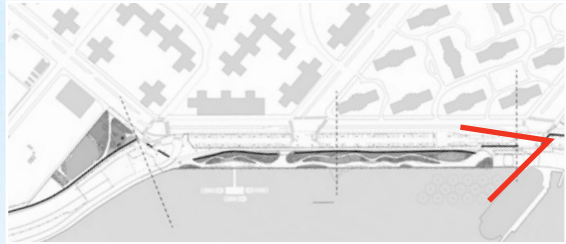


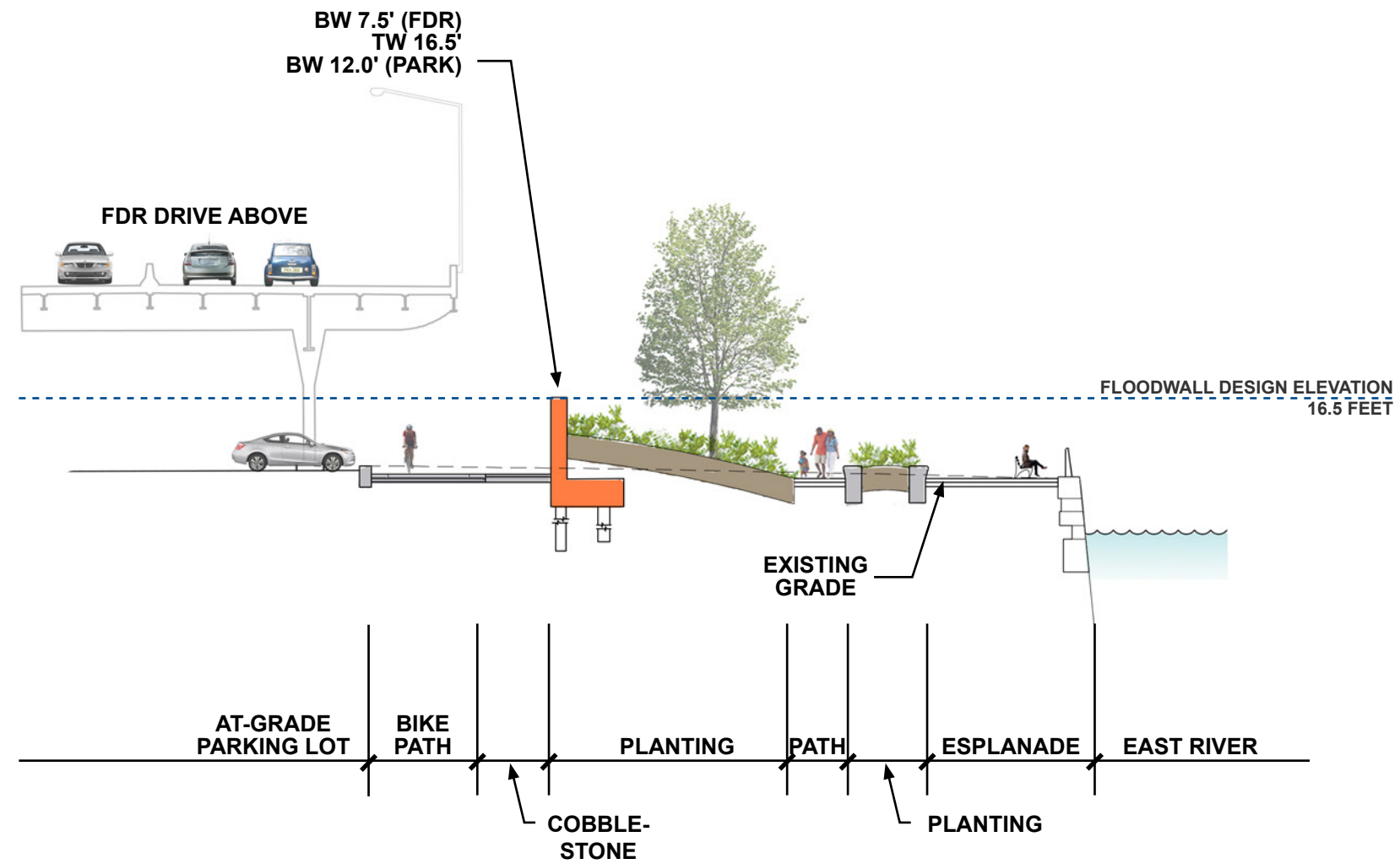
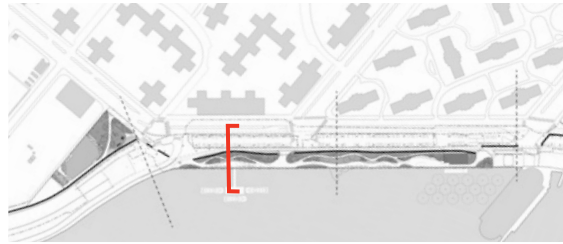




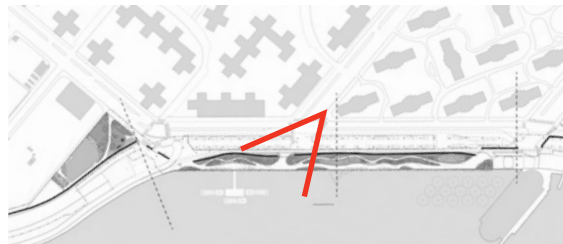


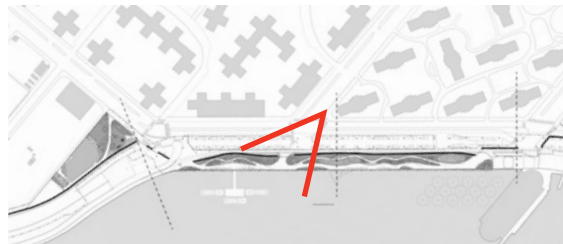




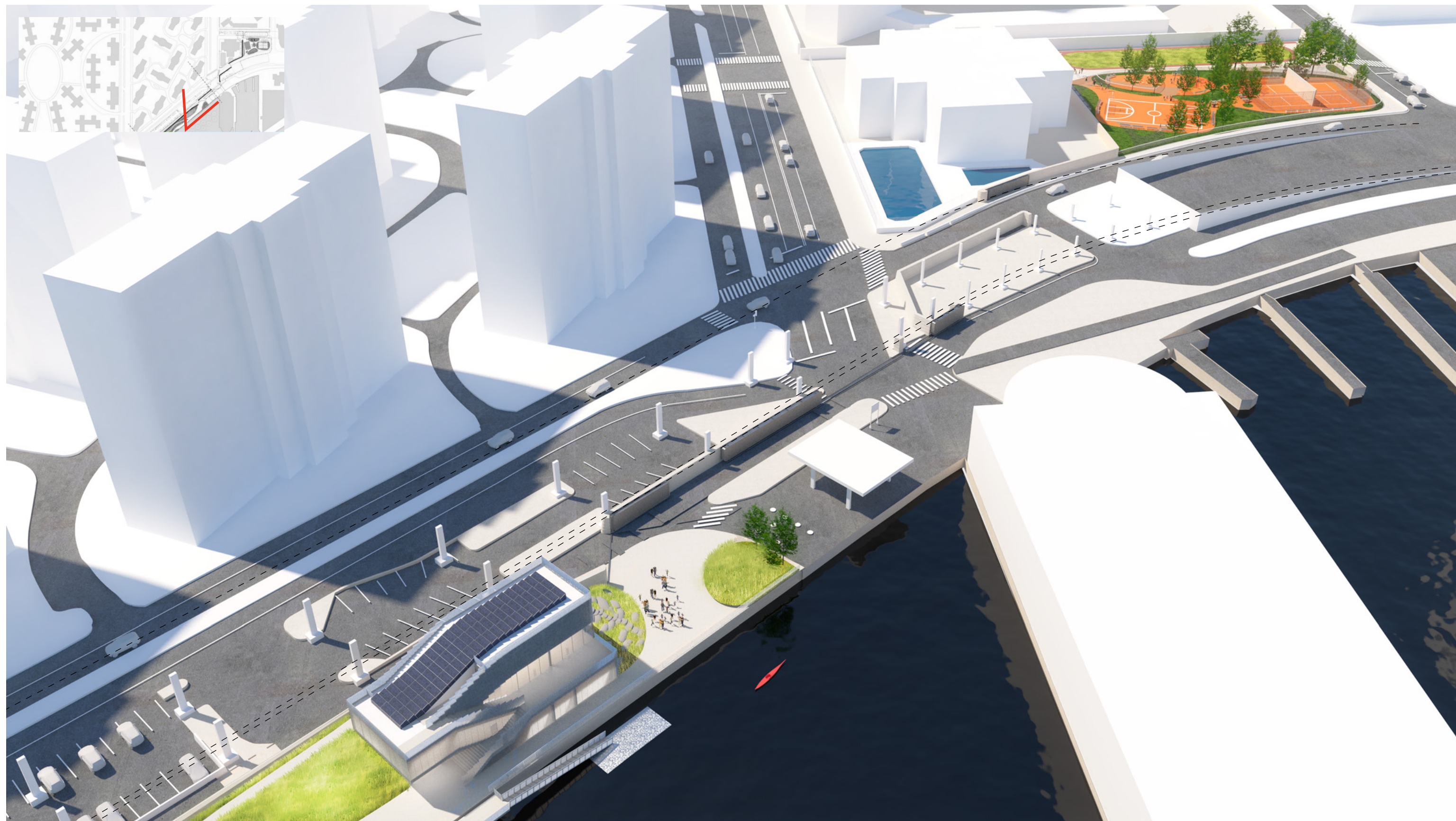


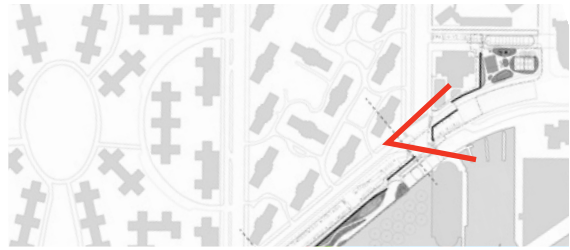
SECTION L-L
STA. 301+40
Scale: 1"= 20'





20TH ST - GATE CLOSED

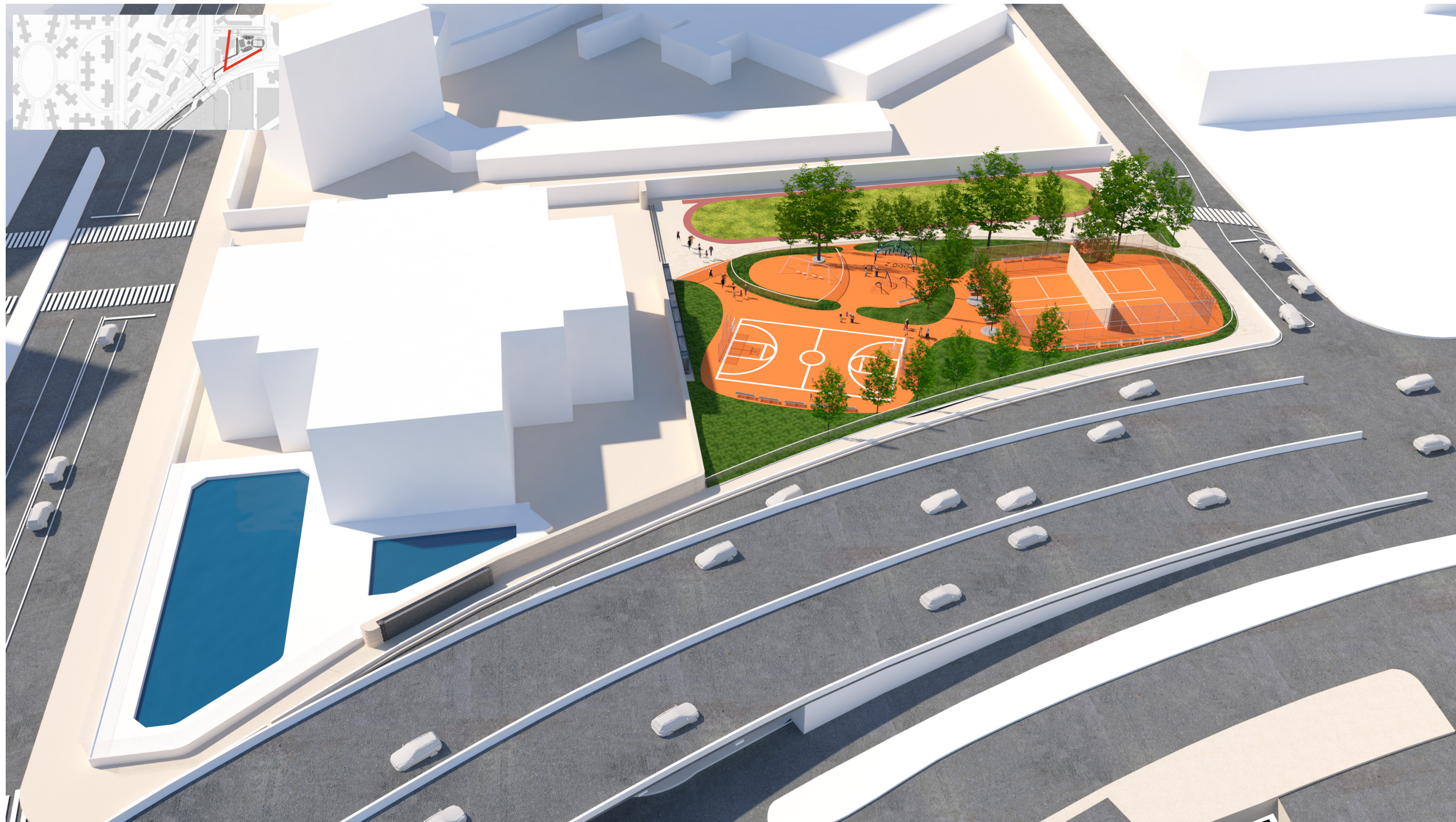




AVENUE C & 23RD ST. CROSSING - GATE OPEN



AVENUE C & 23RD ST. CROSSING - GATE CLOSED



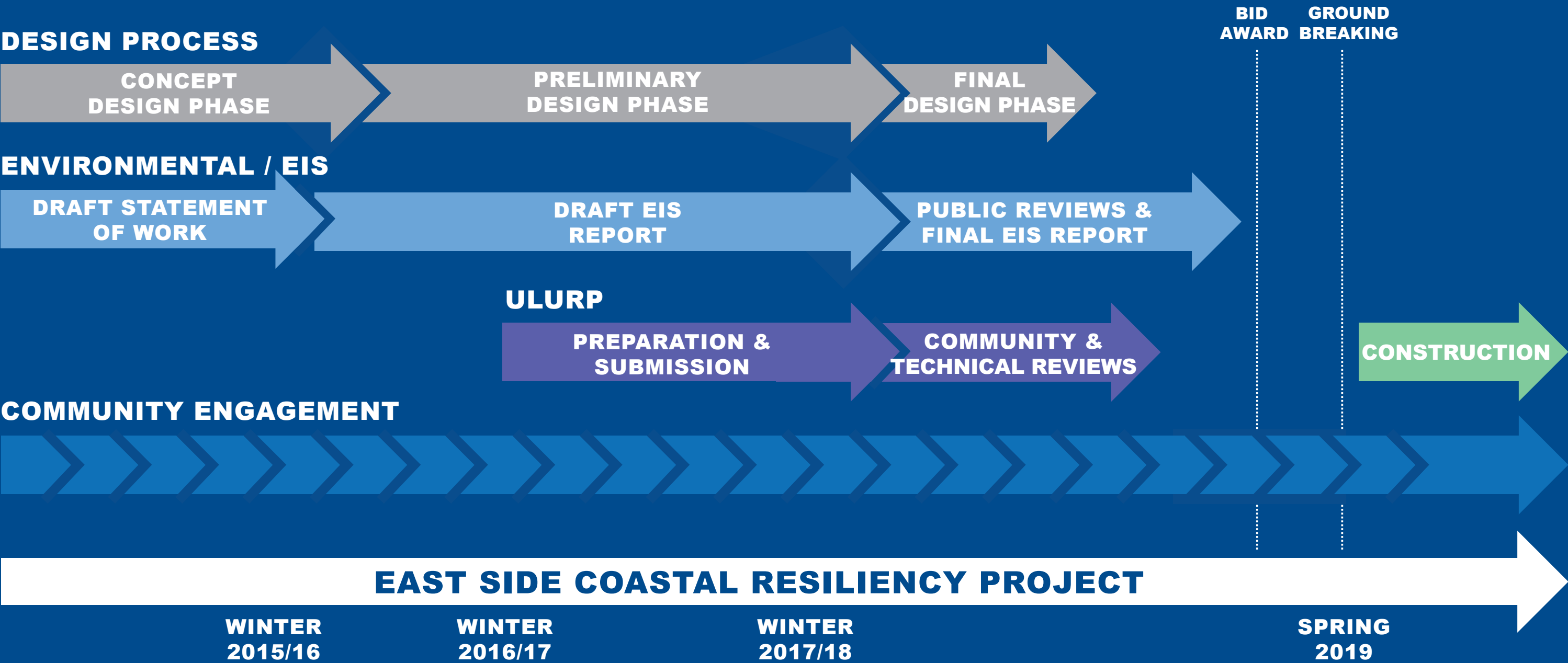
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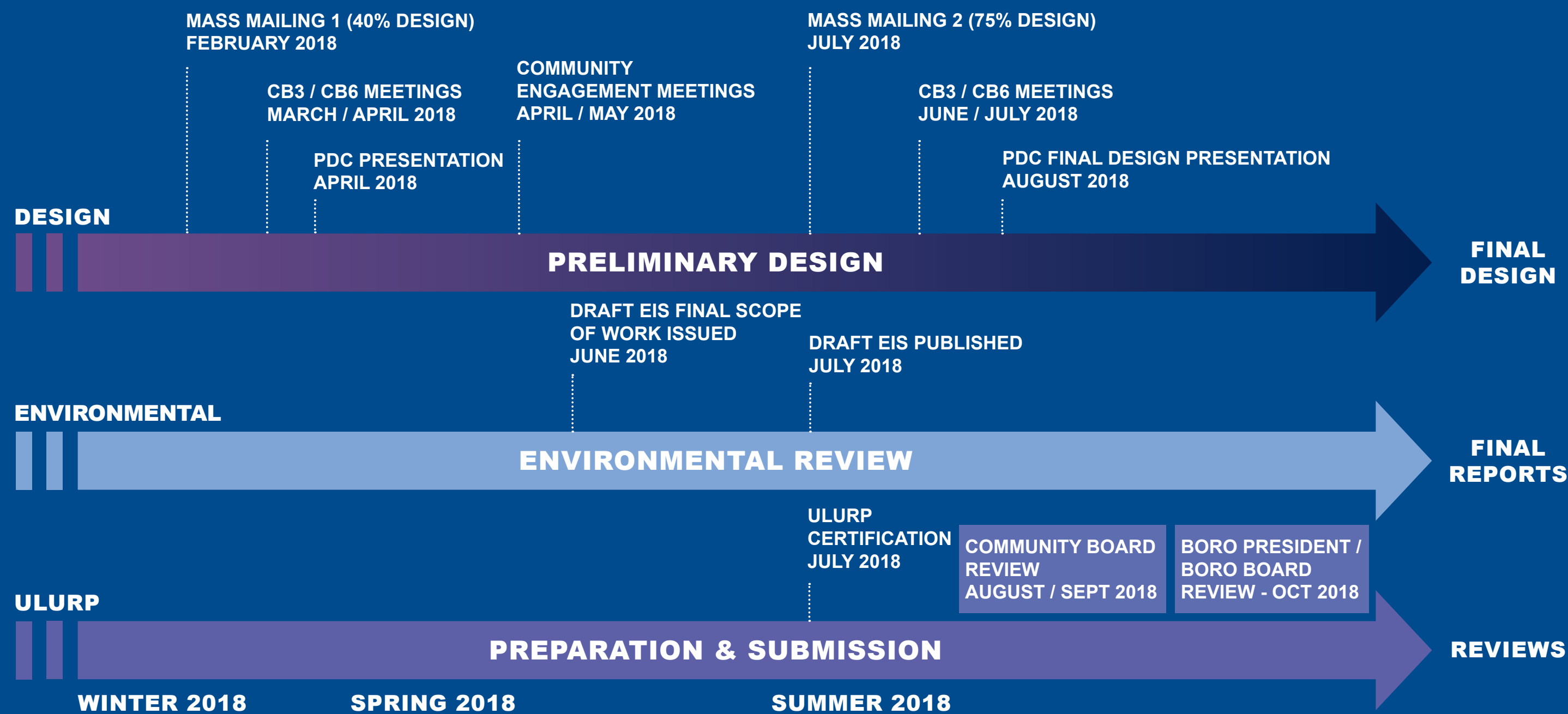
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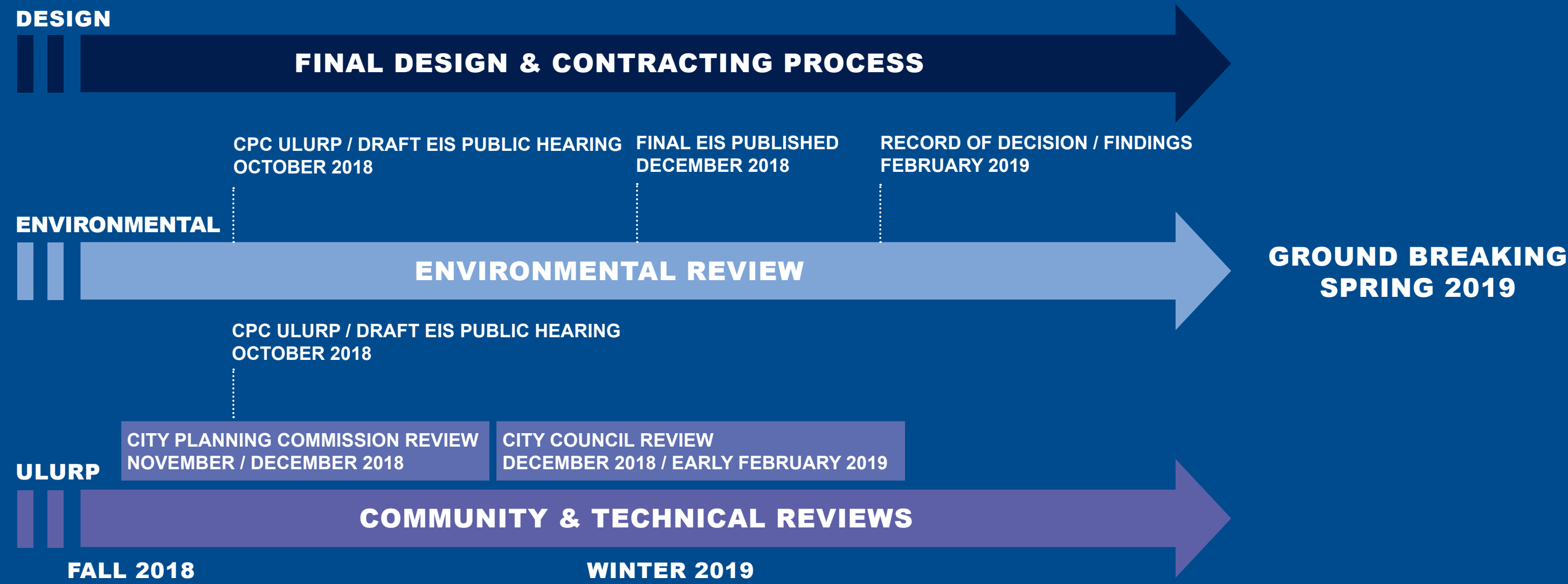
CURRENT SCHEDULE



ANTICIPATED 2018 SCHEDULE



ANTICIPATED 2018-2019 SCHEDULE



UPCOMING MEETINGS

- **PDC - Preliminary Design Review**
 - **CB3 Full Board Meeting (3/27/18)**
 - **CB6 Full Board Meeting (4/11/18)**
- **Community Engagement Meetings (TBD - late April / May)**
 - **Study Area 1 South (Montgomery St to Houston St)**
 - **Study Area 1 North (Houston St to 14th St)**
 - **Study Area 2 (14th St to 25th St)**



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