

#ONENYC

NYC

Mayor's Office of
Recovery and Resiliency

**NYC
DDC**

Department of
Design and
Construction



NYC Parks



NYC

Environmental
Protection

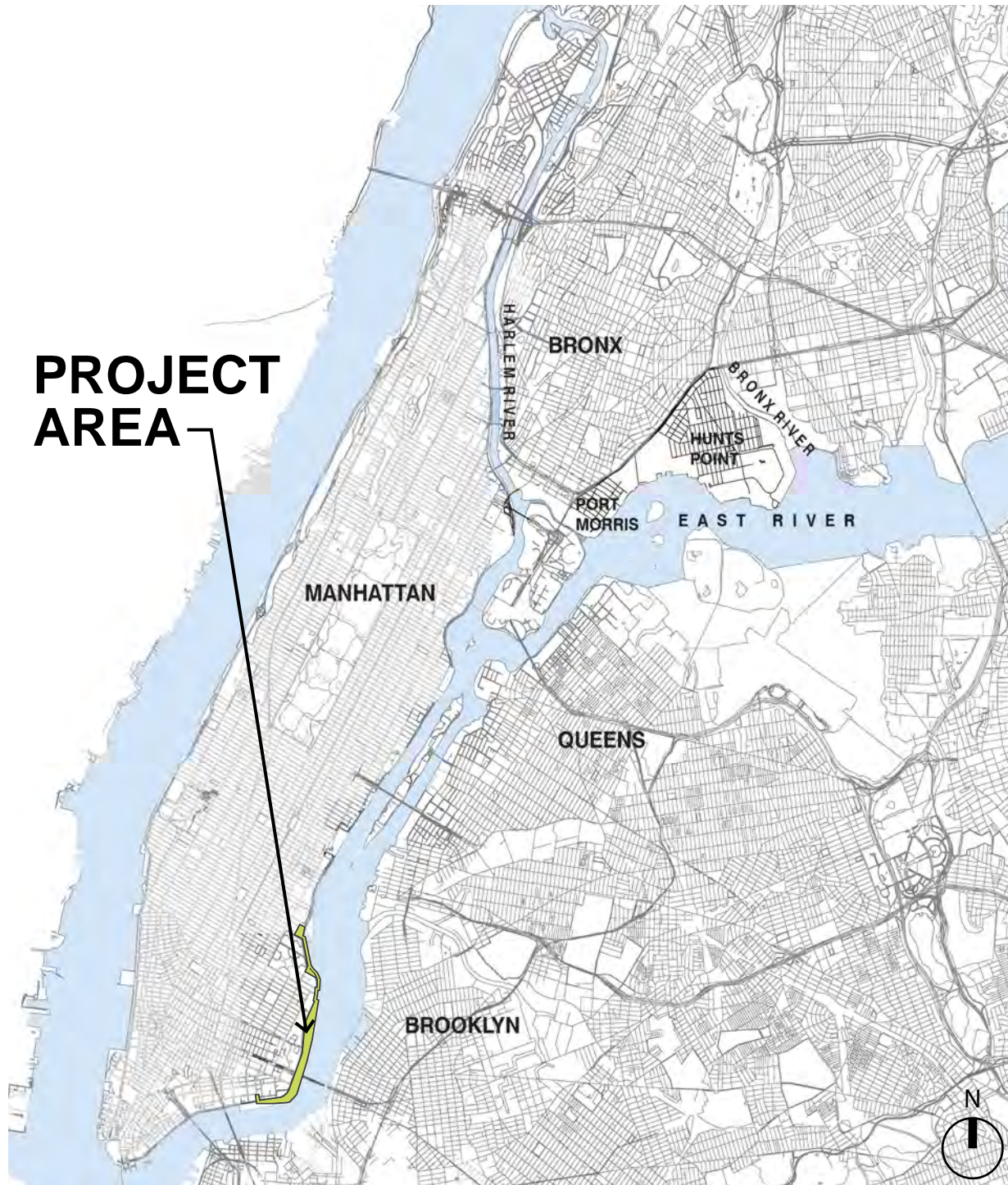
EAST SIDE COASTAL RESILIENCY

Murphy Brothers Playground and
Asser Levy Playground

February 16, 2017

Meeting Objectives

1. East Side Coastal Resiliency Project Overview
2. Review Site Considerations + Design Options for:
 - Murphy Brothers Playground
 - Asser Levy Recreation Center + Playground
3. Break-out Session

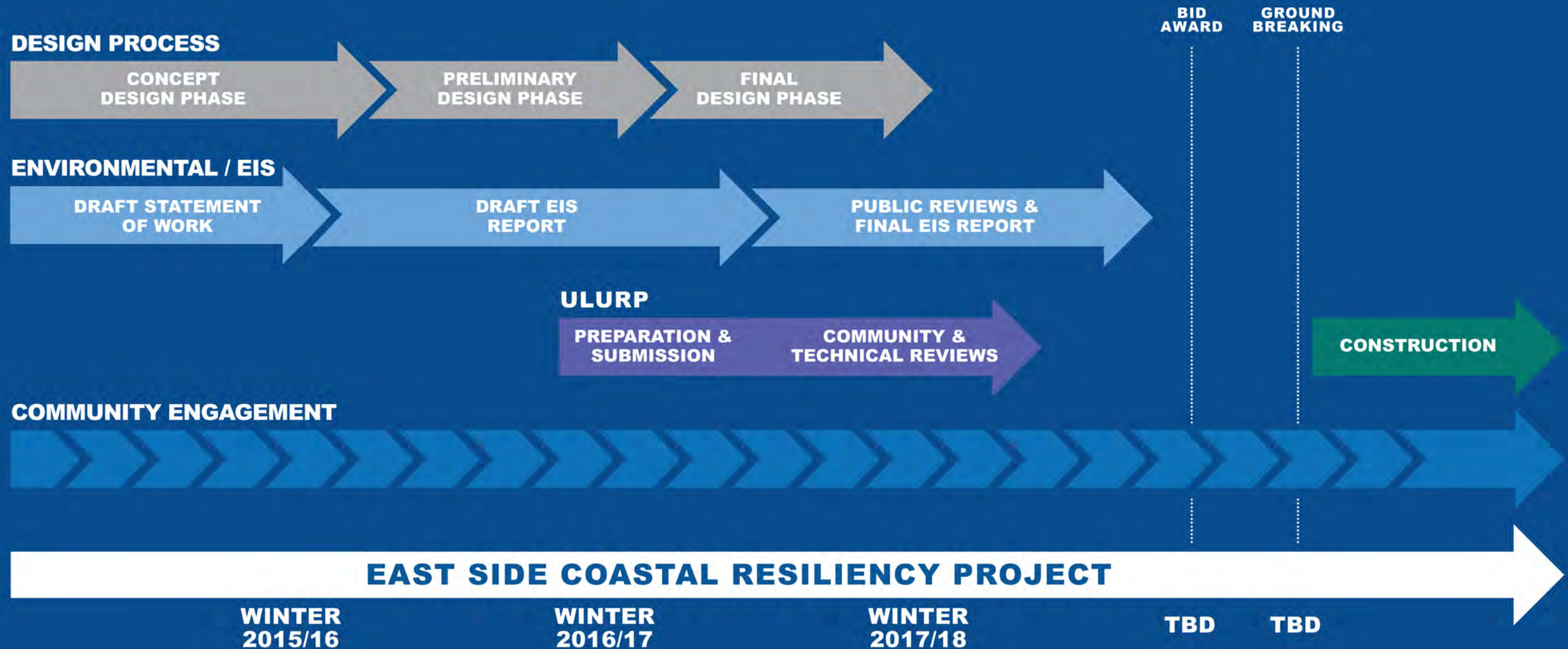


- Provide a reliable, integrated flood protection system; minimize use of closure structures and deployables
- Improve waterfront open spaces and access
- Respond quickly to the urgent need for increased flood protection and resiliency
- Achieve implementation milestones and project funding allocations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



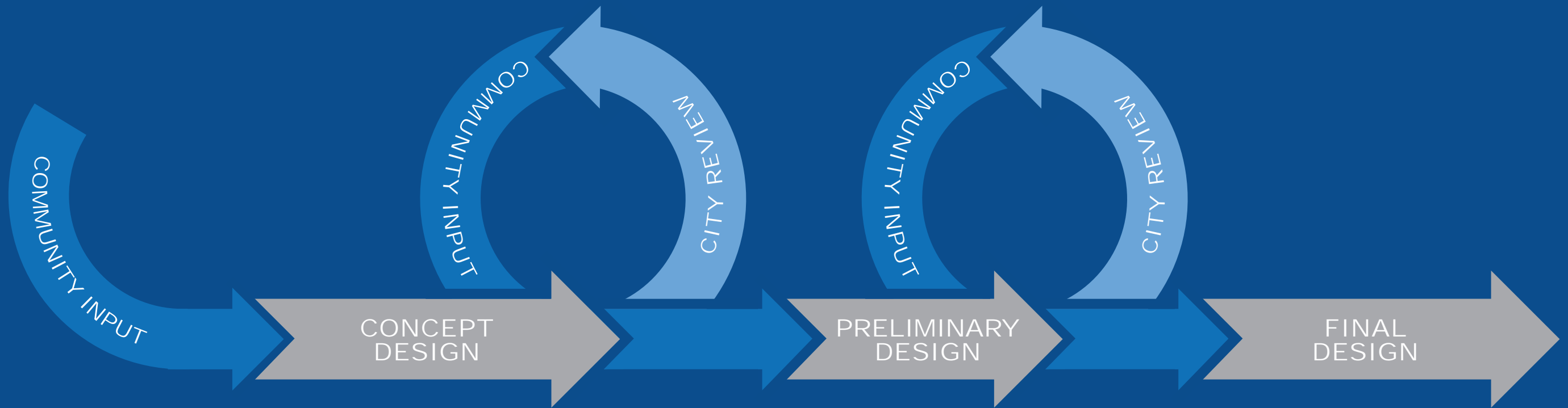
East Side Coastal Resiliency

Current Project Schedule



East Side Coastal Resiliency

Iterative Design Process

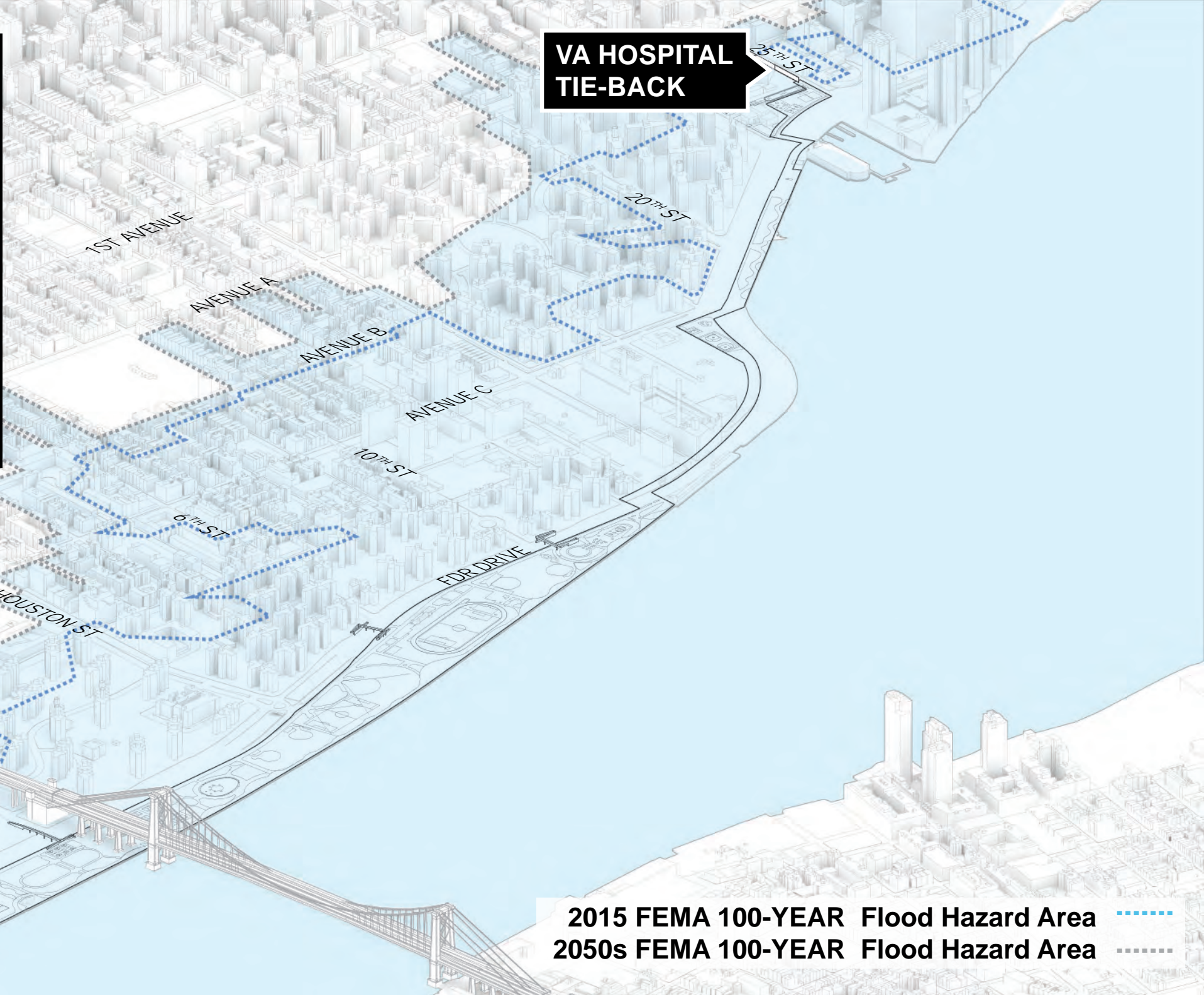
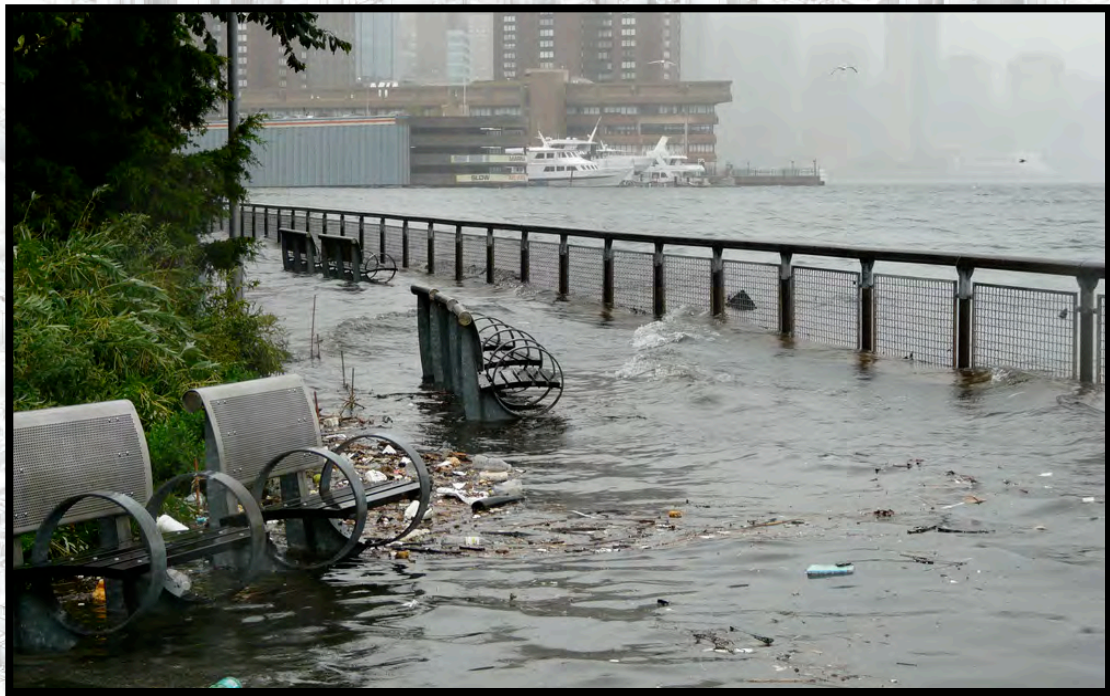


WINTER
2014/15

WINTER
2015/16

WINTER
2016/17

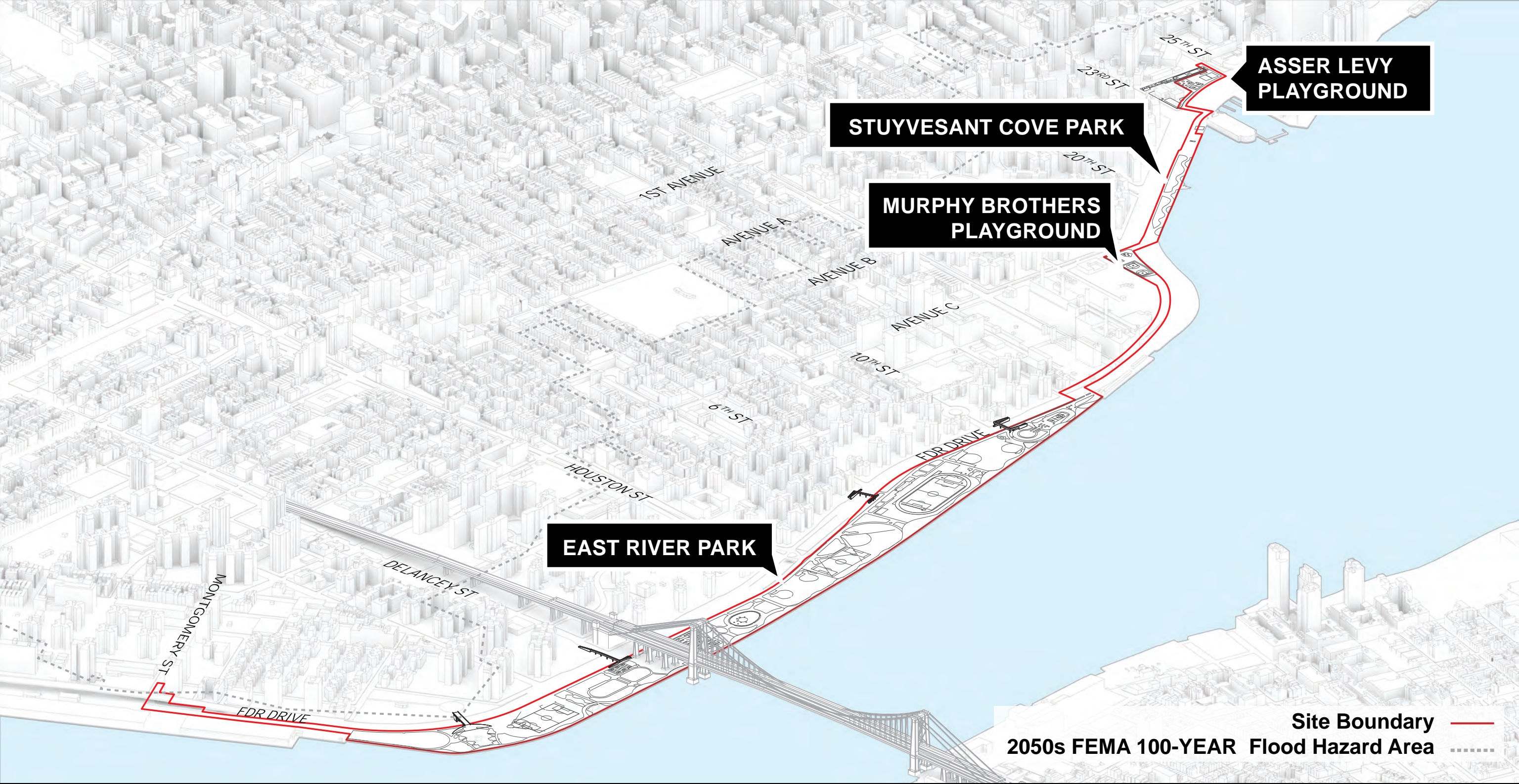
WINTER
2017/18



VA HOSPITAL
TIE-BACK

MONTGOMERY ST.
TIE-BACK

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



**ASSER LEVY
PLAYGROUND**

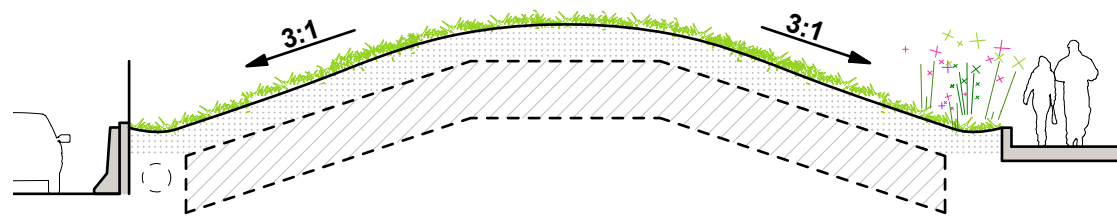
STUYVESANT COVE PARK

**MURPHY BROTHERS
PLAYGROUND**

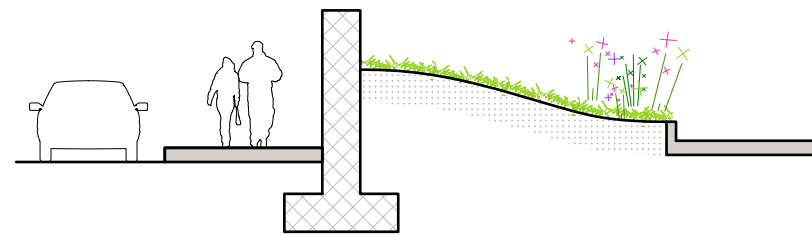
EAST RIVER PARK

Site Boundary ———
2050s FEMA 100-YEAR Flood Hazard Area ·····

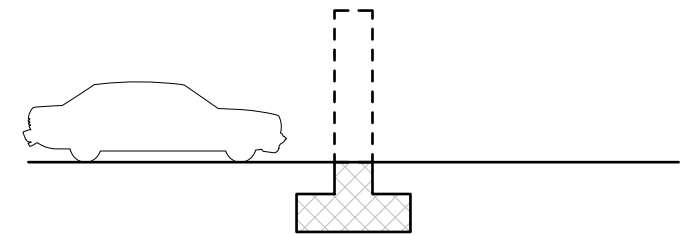
Flood Mitigation Design Components



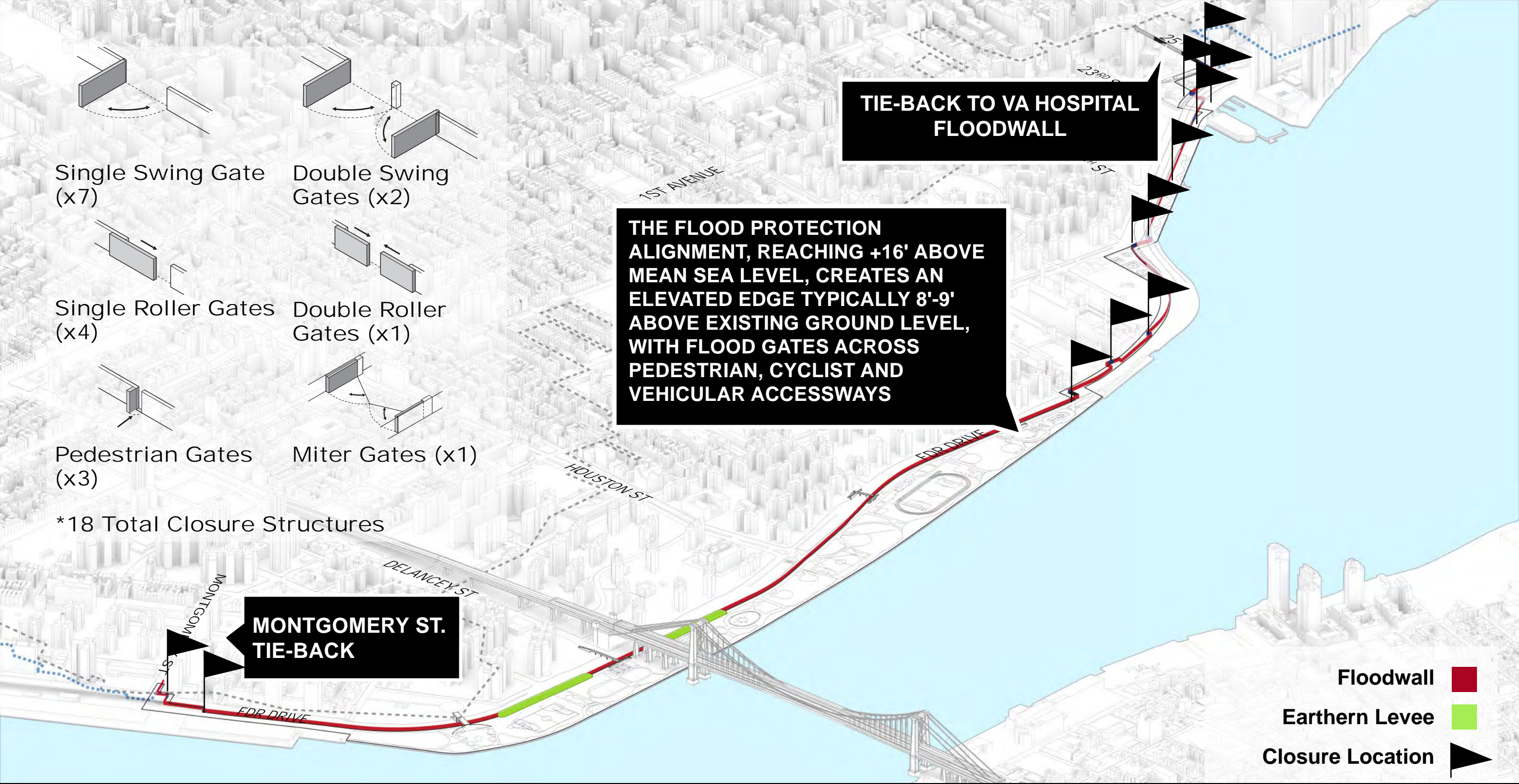
BERM / LEVEE



FLOODWALL



CLOSURE STRUCTURE



TIE-BACK TO VA HOSPITAL FLOODWALL

THE FLOOD PROTECTION ALIGNMENT, REACHING +16' ABOVE MEAN SEA LEVEL, CREATES AN ELEVATED EDGE TYPICALLY 8'-9' ABOVE EXISTING GROUND LEVEL, WITH FLOOD GATES ACROSS PEDESTRIAN, CYCLIST AND VEHICULAR ACCESSWAYS

MONTGOMERY ST. TIE-BACK

Single Swing Gate (x7)

Double Swing Gates (x2)

Single Roller Gates (x4)

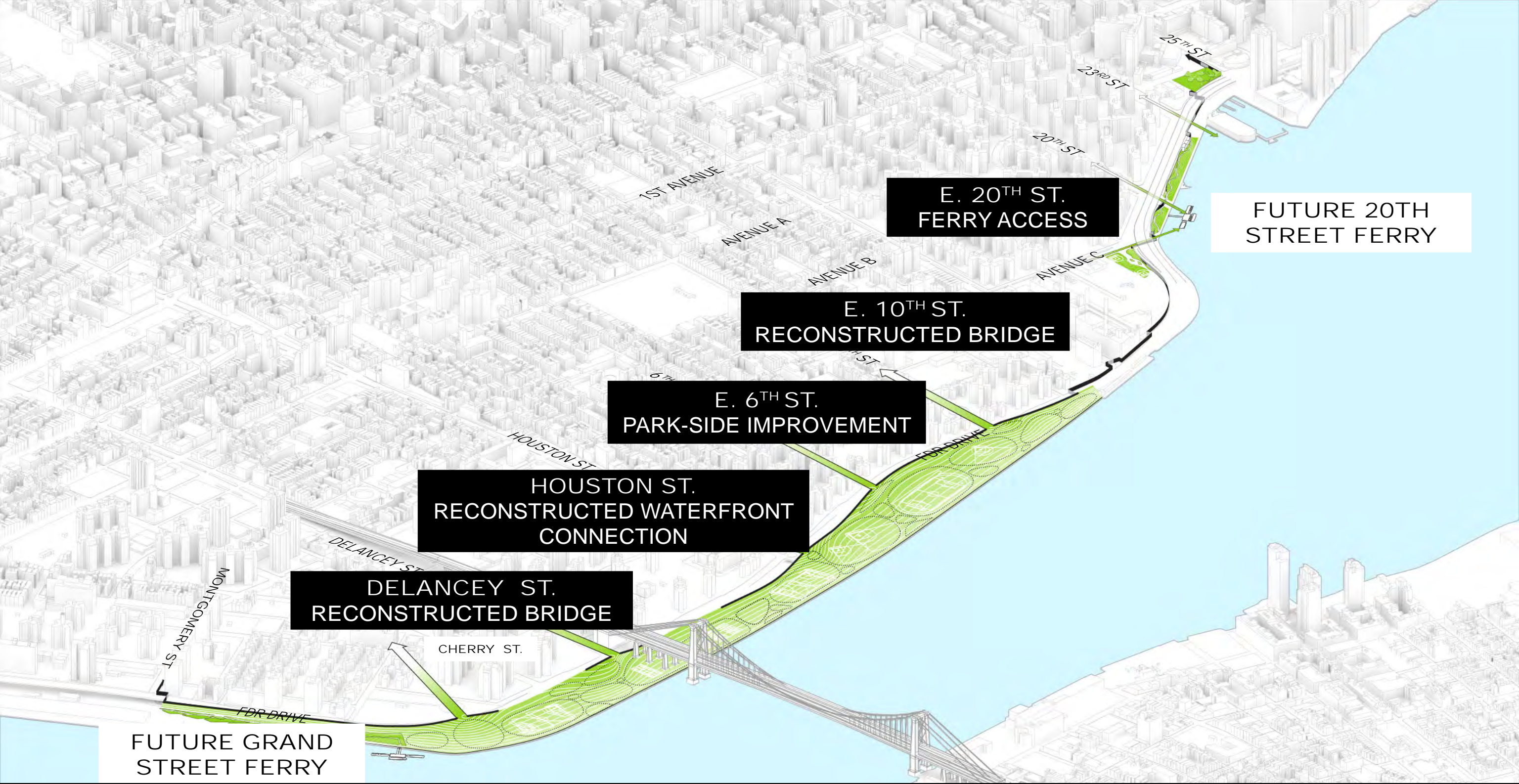
Double Roller Gates (x1)

Pedestrian Gates (x3)

Miter Gates (x1)

*18 Total Closure Structures

- Floodwall ■
- Earthen Levee ■
- Closure Location ▲



E. 20TH ST.
FERRY ACCESS

FUTURE 20TH
STREET FERRY

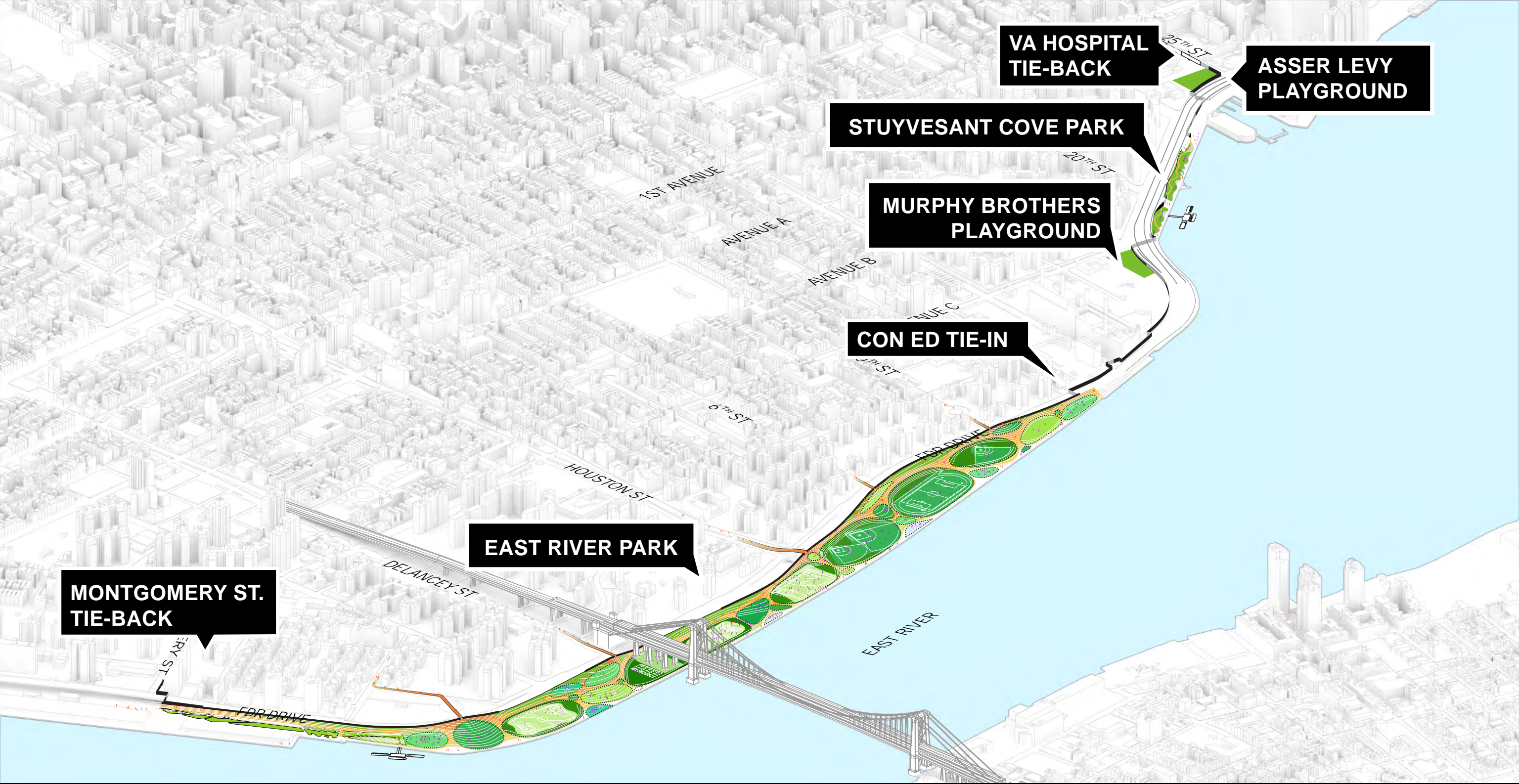
E. 10TH ST.
RECONSTRUCTED BRIDGE

E. 6TH ST.
PARK-SIDE IMPROVEMENT

HOUSTON ST.
RECONSTRUCTED WATERFRONT
CONNECTION

DELANCEY ST.
RECONSTRUCTED BRIDGE

FUTURE GRAND
STREET FERRY



**VA HOSPITAL
TIE-BACK**

**ASSER LEVY
PLAYGROUND**

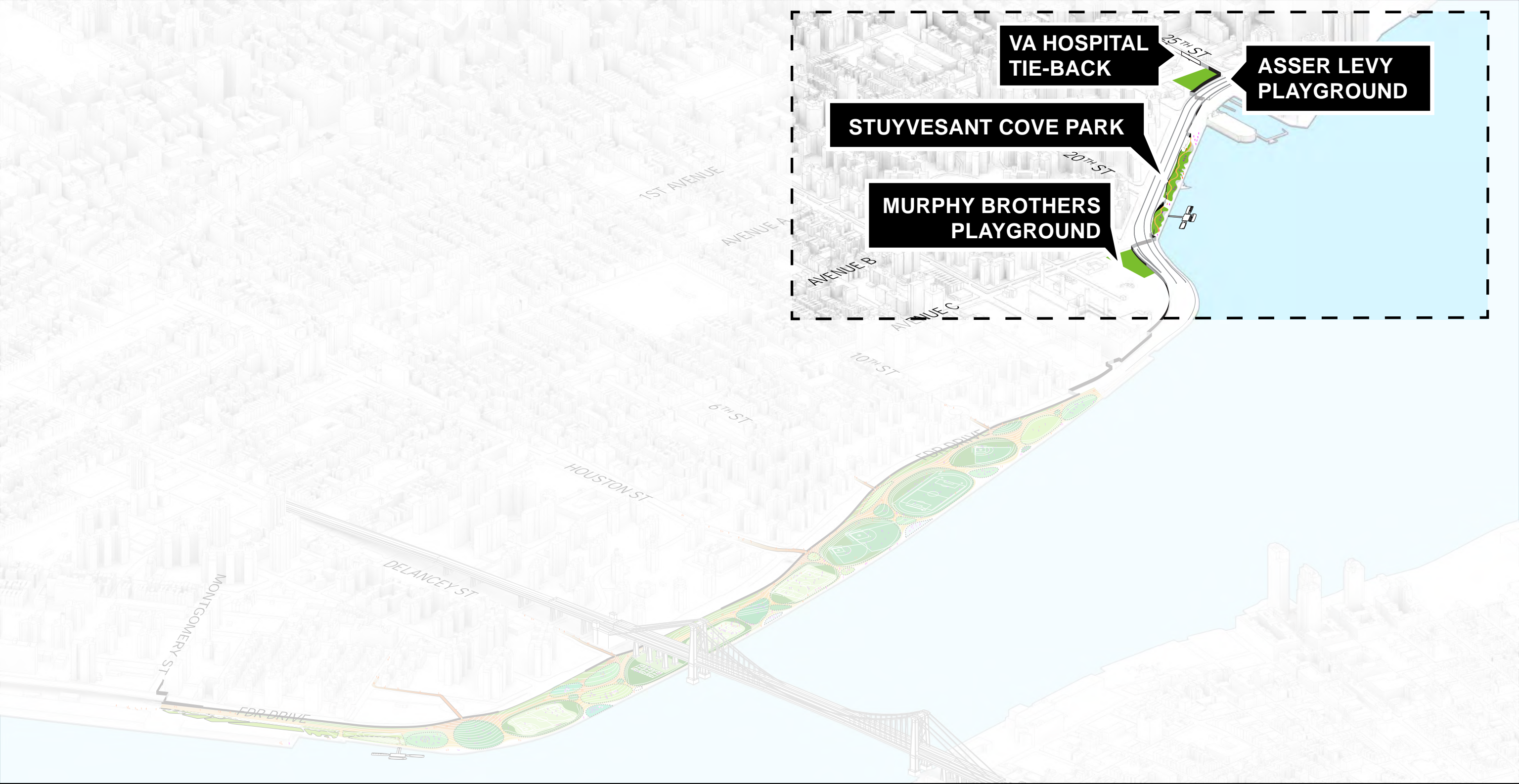
STUYVESANT COVE PARK

**MURPHY BROTHERS
PLAYGROUND**

CON ED TIE-IN

EAST RIVER PARK

**MONTGOMERY ST.
TIE-BACK**



VA HOSPITAL
TIE-BACK

ASSER LEVY
PLAYGROUND

STUYVESANT COVE PARK

MURPHY BROTHERS
PLAYGROUND



Park Program Discussion

Main Points

- Murphy Brothers Playground and Asser Levy Playground are behind the Flood Protection
- Flood Protection construction will impact the design of the Playgrounds
- We need your feedback on programming the Playgrounds

Murphy Brothers Playground

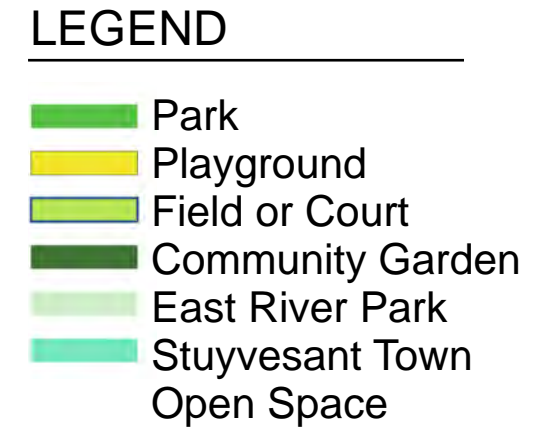
A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

Murphy Brothers Playground

Context

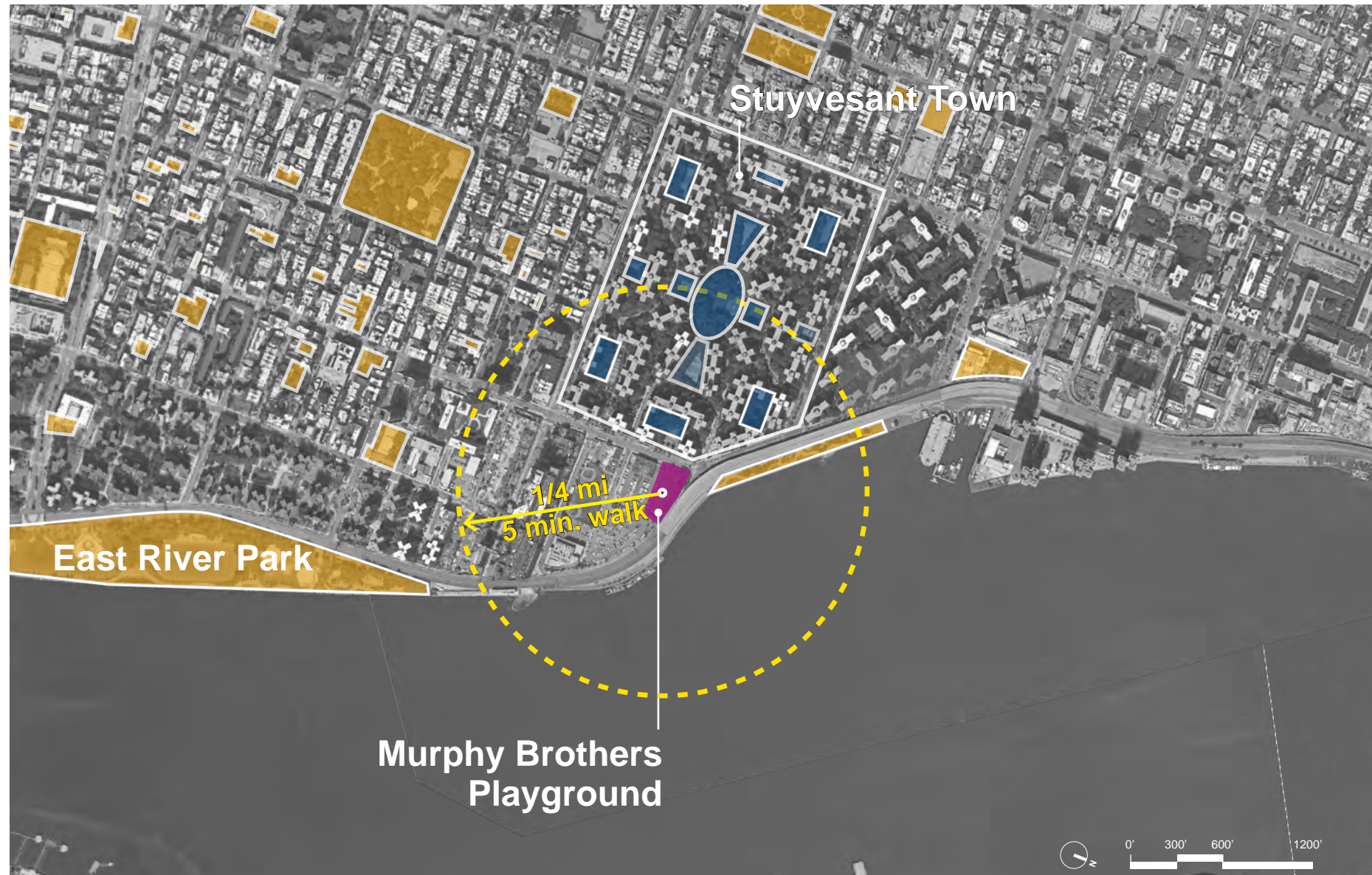


Murphy Brothers Playground



Murphy Brothers Playground

Open Space within the vicinity

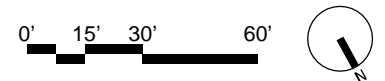


LEGEND

- Public Open Space
- Private Open Space

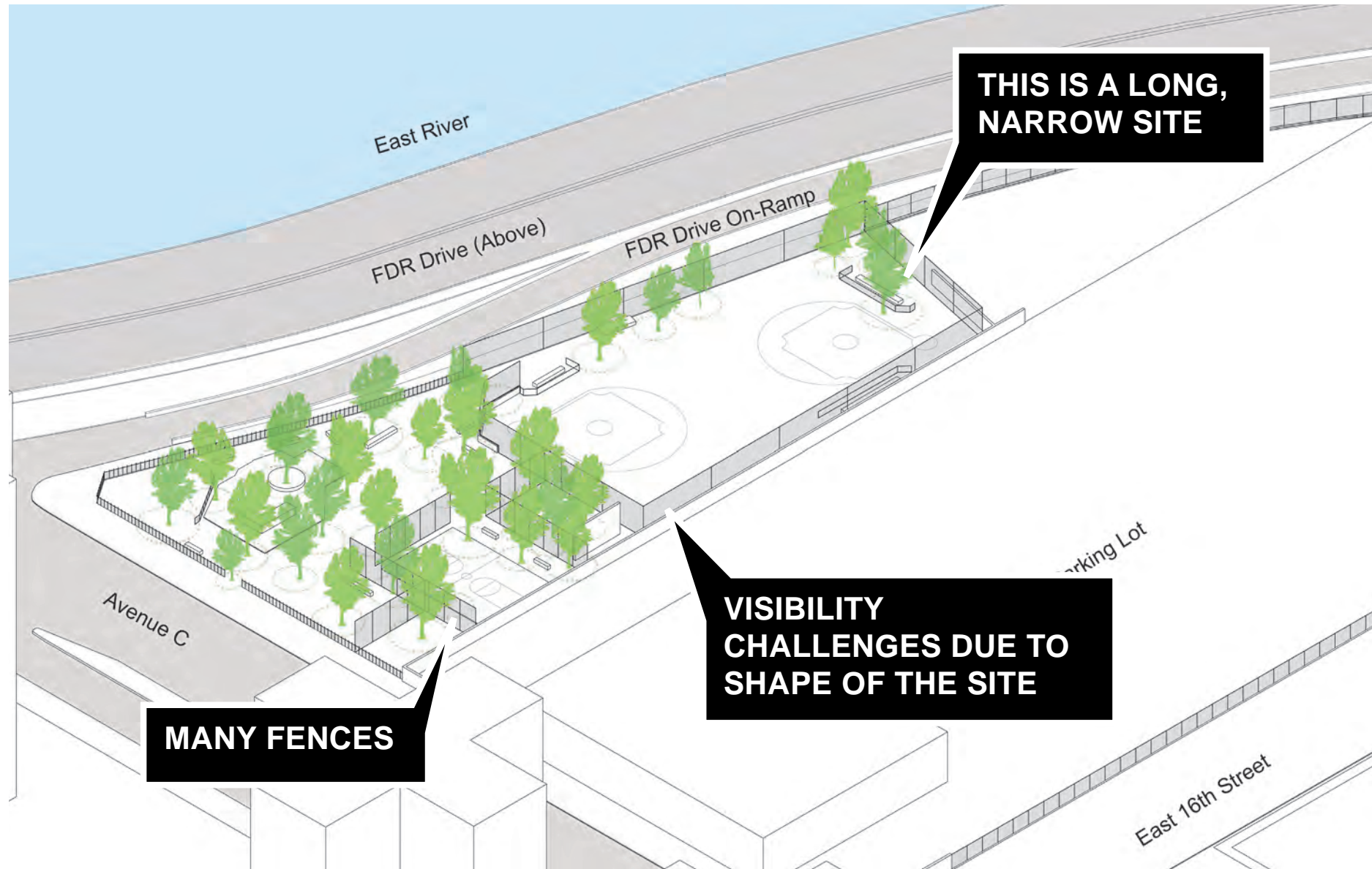
Murphy Brothers Playground

Aerial



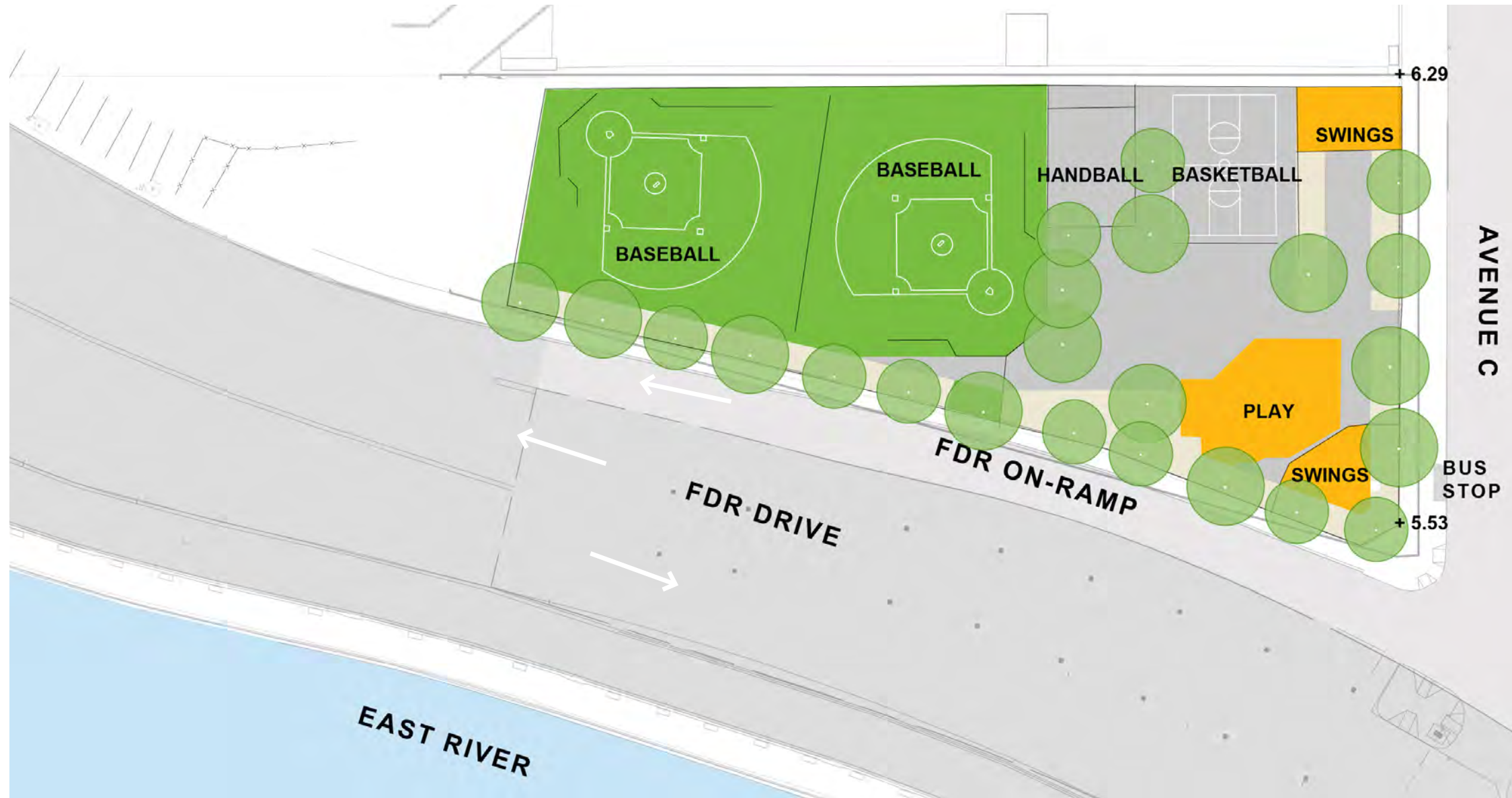
Murphy Brothers Playground

Existing Conditions



Murphy Brothers Playground

Existing Conditions: Program



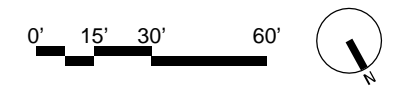
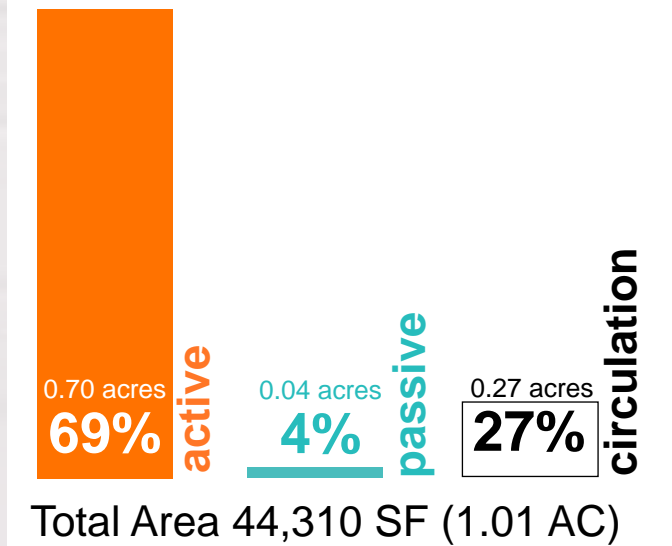
- EXISTING PROGRAM**
- Tim McGinn Baseball Fields (2)
 - Playground (1)
 - Handball courts (2)
 - Basketball court (1)
 - Swings (2)

Murphy Brothers Playground

Existing Conditions: Program



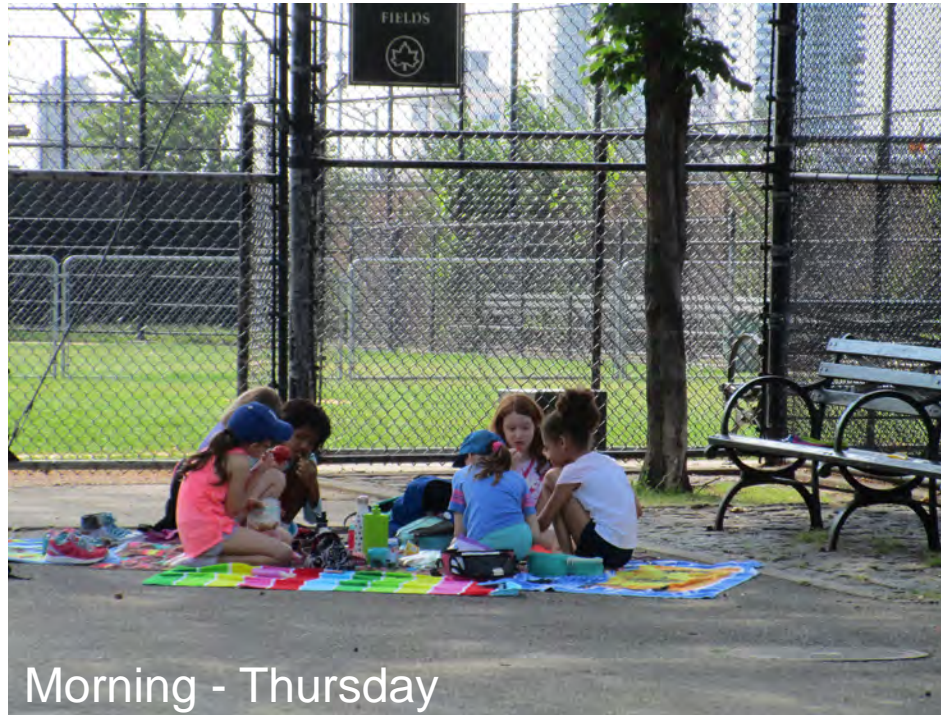
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Murphy Brothers Playground

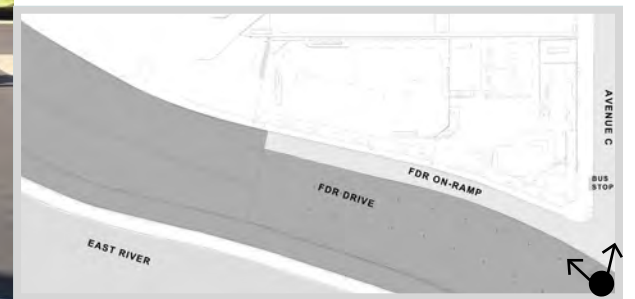
Use Observation

SITE VISITS



Murphy Brothers Playground

Site Photos



Murphy Brothers Playground

Site Photos



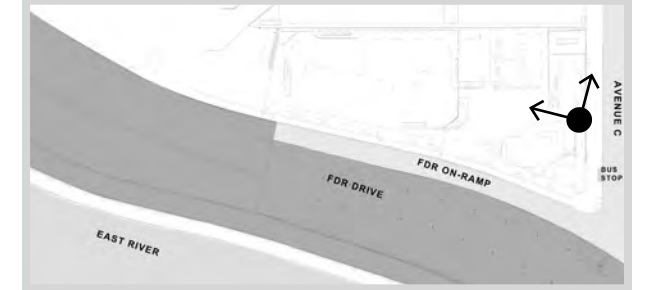
Murphy Brothers Playground

Site Photos



Murphy Brothers Playground

Site Photos



Murphy Brothers Playground

Existing Conditions



Murphy Brothers Playground

Existing Conditions



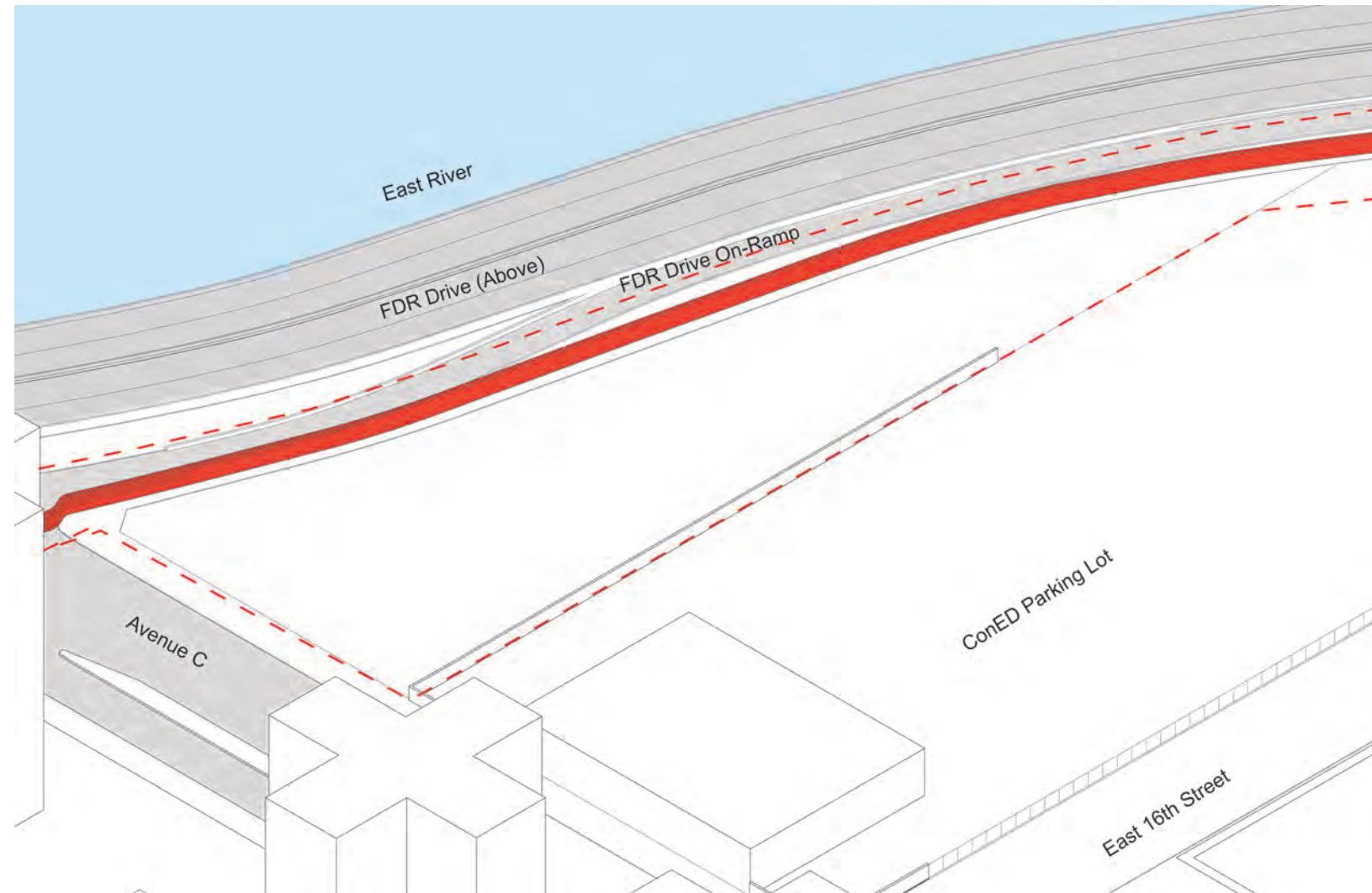
Murphy Brothers Playground

A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

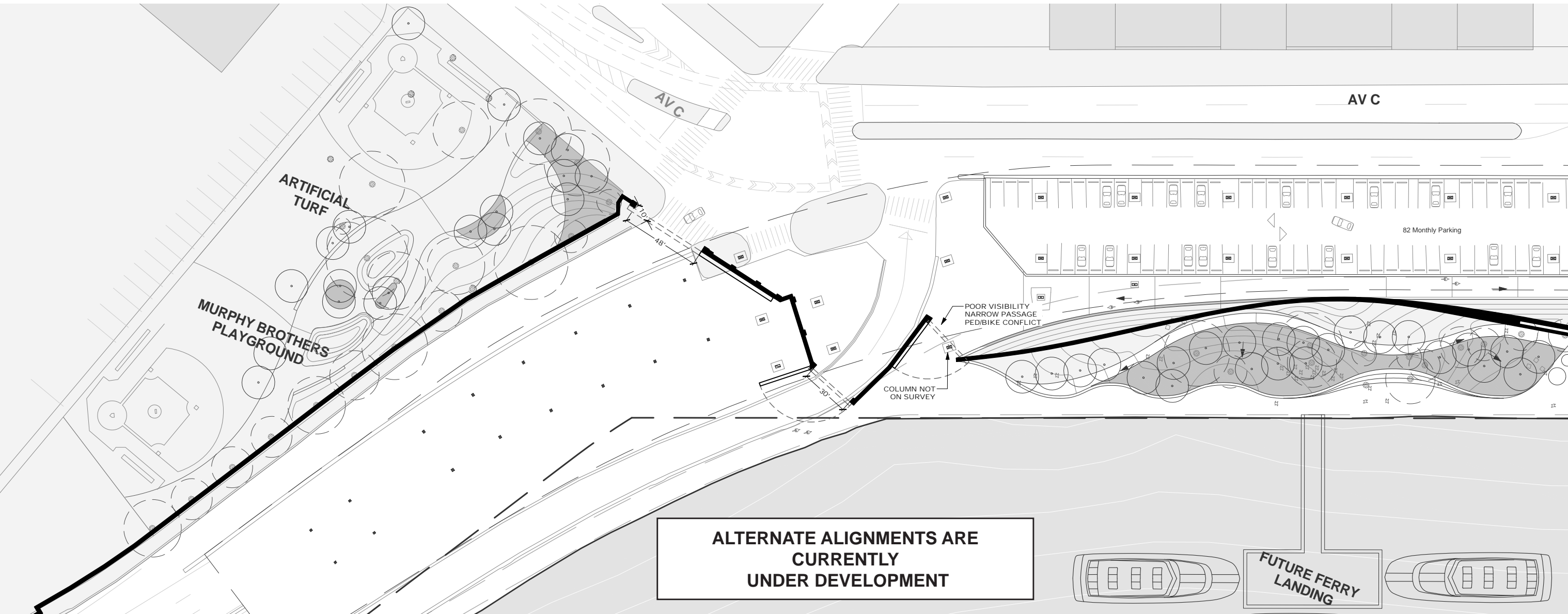
Murphy Brothers Playground Flood Protection Alignment



LEGEND

- █ Flood Wall Alignment
- - - Limit of Work

Murphy Brothers Playground Flood Protection Alignment



Murphy Brothers Playground Flood Protection Alignment



Murphy Brothers Playground Flood Protection Alignment



Murphy Brothers Playground Flood Protection Alignment

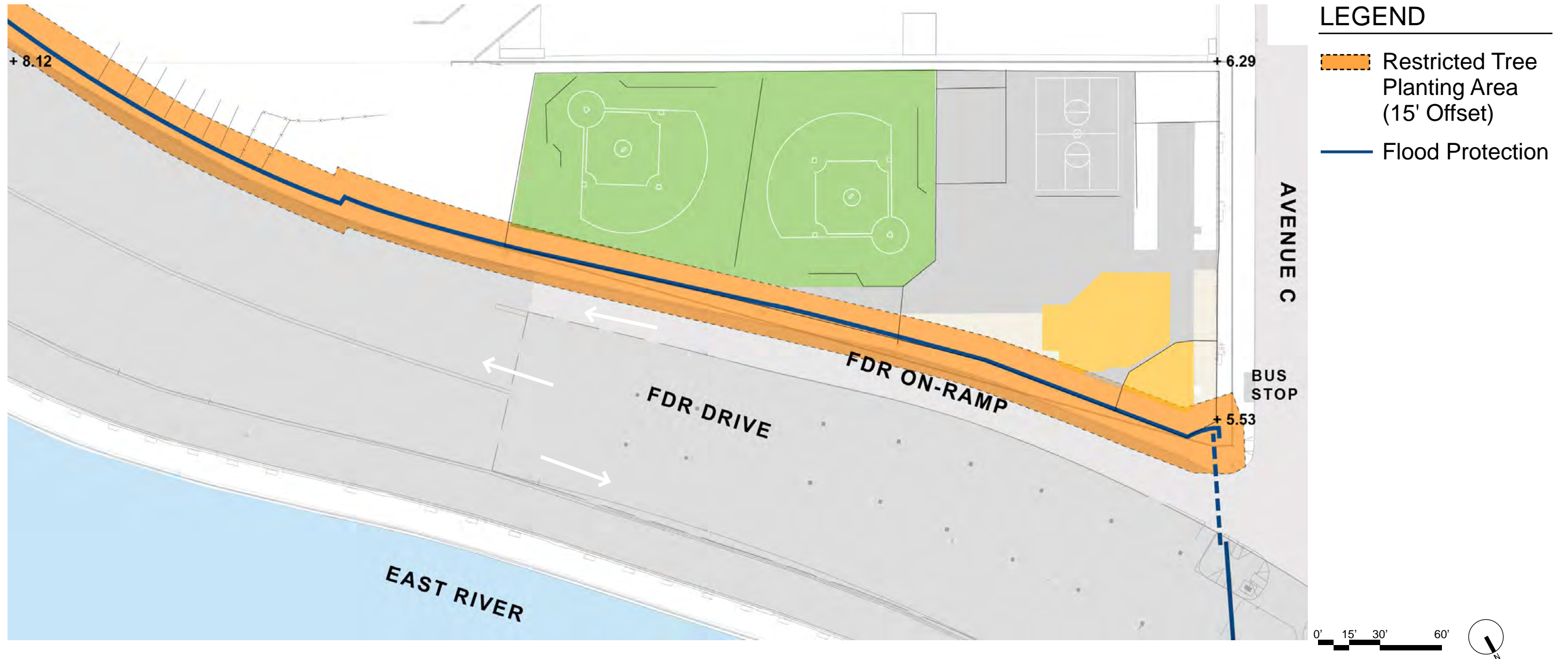


Murphy Brothers Playground Flood Protection Alignment



Murphy Brothers Playground

Flood Protection Planting Restrictions



Murphy Brothers Playground

A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

Murphy Brothers Playground

Design Goals + Opportunities

- Integrate Flood Protection as part of the Park Experience
- Maximize usable space to create destinations for diverse user groups
- Respond to and support community needs through park program
- Create clear sight lines across the park
- Connect park pathways to entry points and amenities

Murphy Brothers Playground

Programming Studies

Program Study Intent:

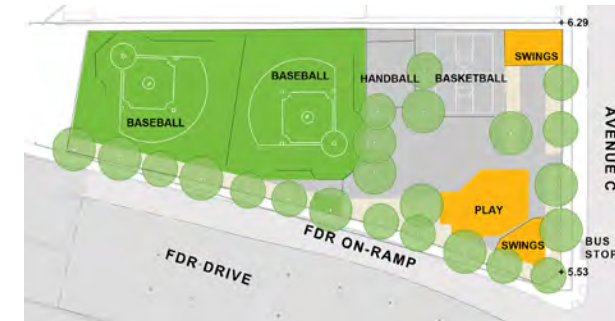
- Generate community discussion on mix and type of program desired
- Show scale of program/features that may be accommodated
- Gather community feedback to advance park designs

Program Studies for Discussion:

- "Courts and Play"
- "Sculpted Play"
- "Community Play"

Murphy Brothers Playground

Program Study 1 - Courts and Play



EXISTING PROGRAM

- Tim McGinn Baseball Fields (2)
- Playground (1)
- Handball courts (2)
- Basketball court (1)
- Swings (2)



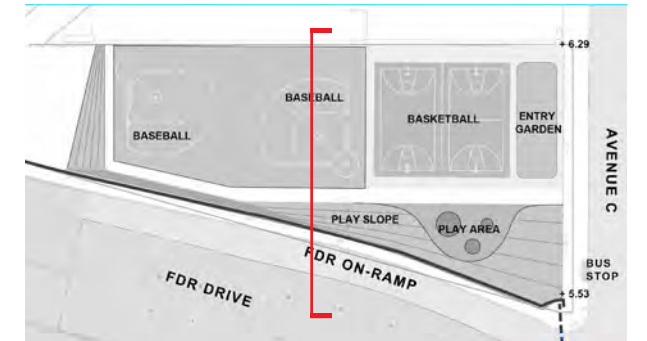
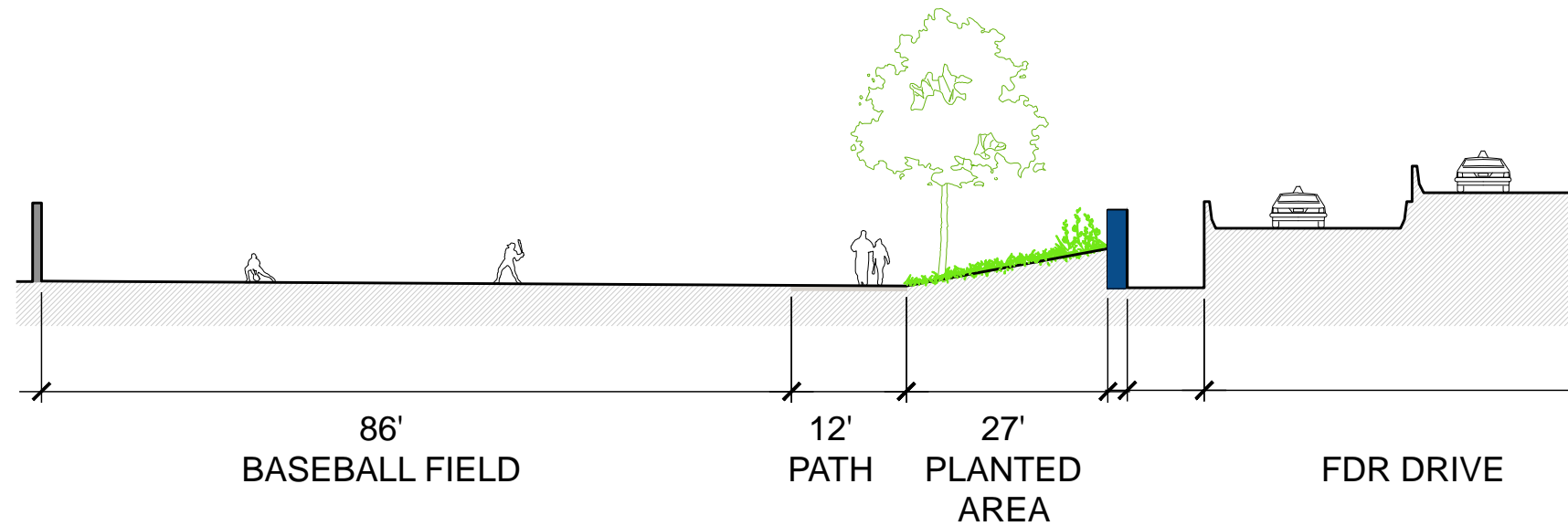
LEGEND

— Flood Protection



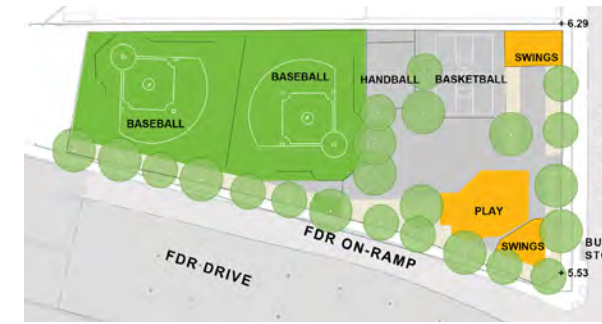
Murphy Brothers Playground

Program Study 1 - Courts and Play



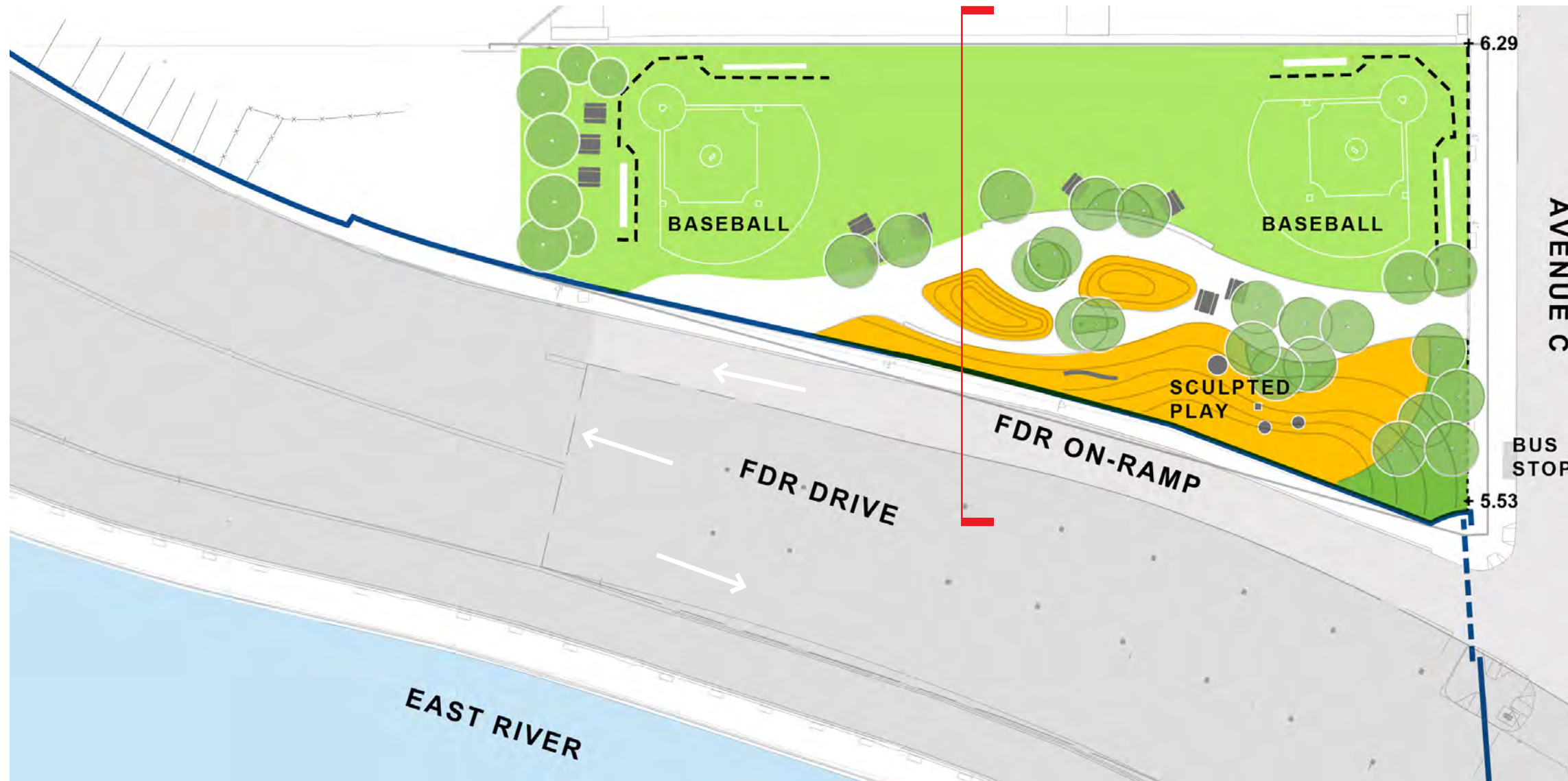
Murphy Brothers Playground

Program Study 2 - Sculpted Play



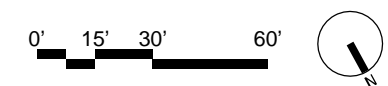
EXISTING PROGRAM

- Tim McGinn Baseball Fields (2)
- Playground (1)
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- Swings (2)



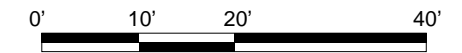
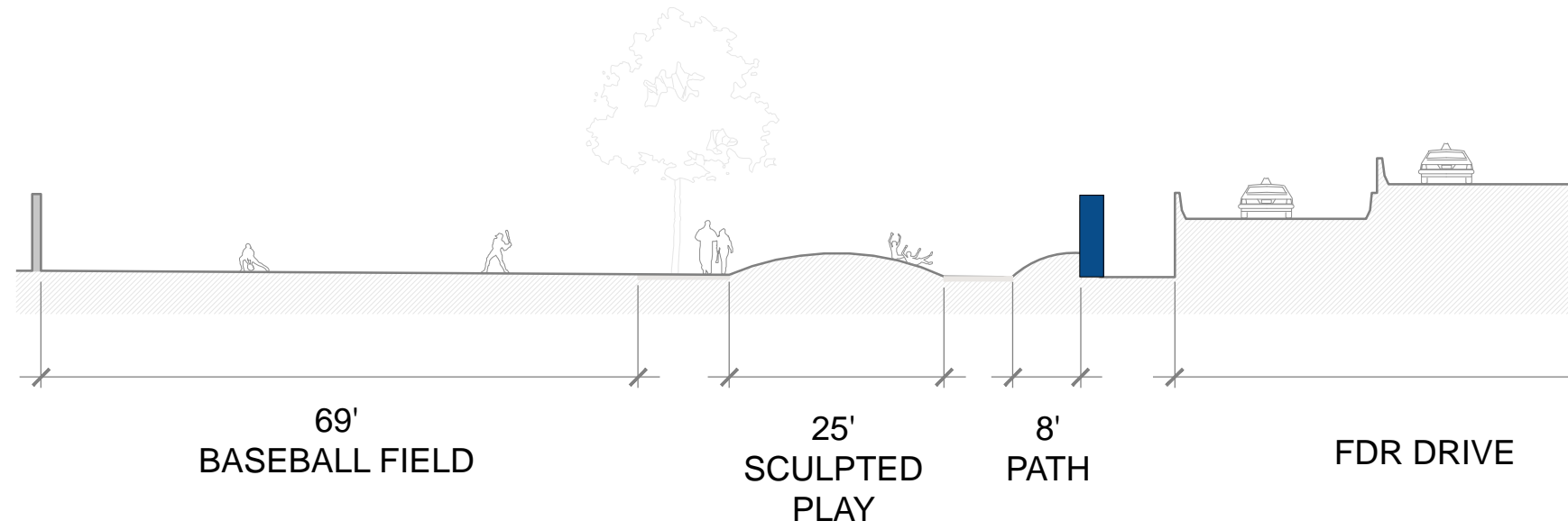
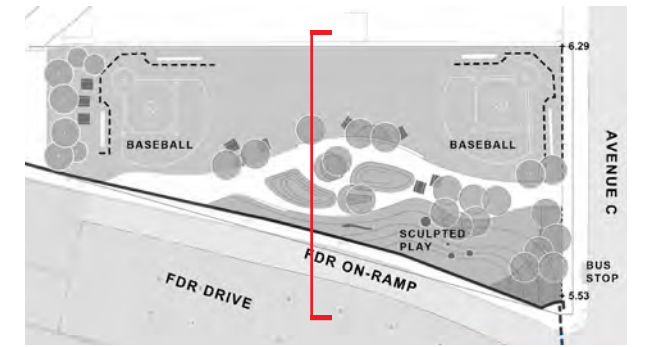
LEGEND

- Flood Protection
- - - Tall fence (4'+)
- Picnic table



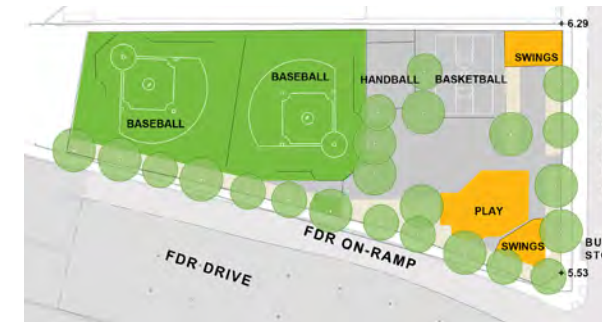
Murphy Brothers Playground

Program Study 2 - Sculpted Play



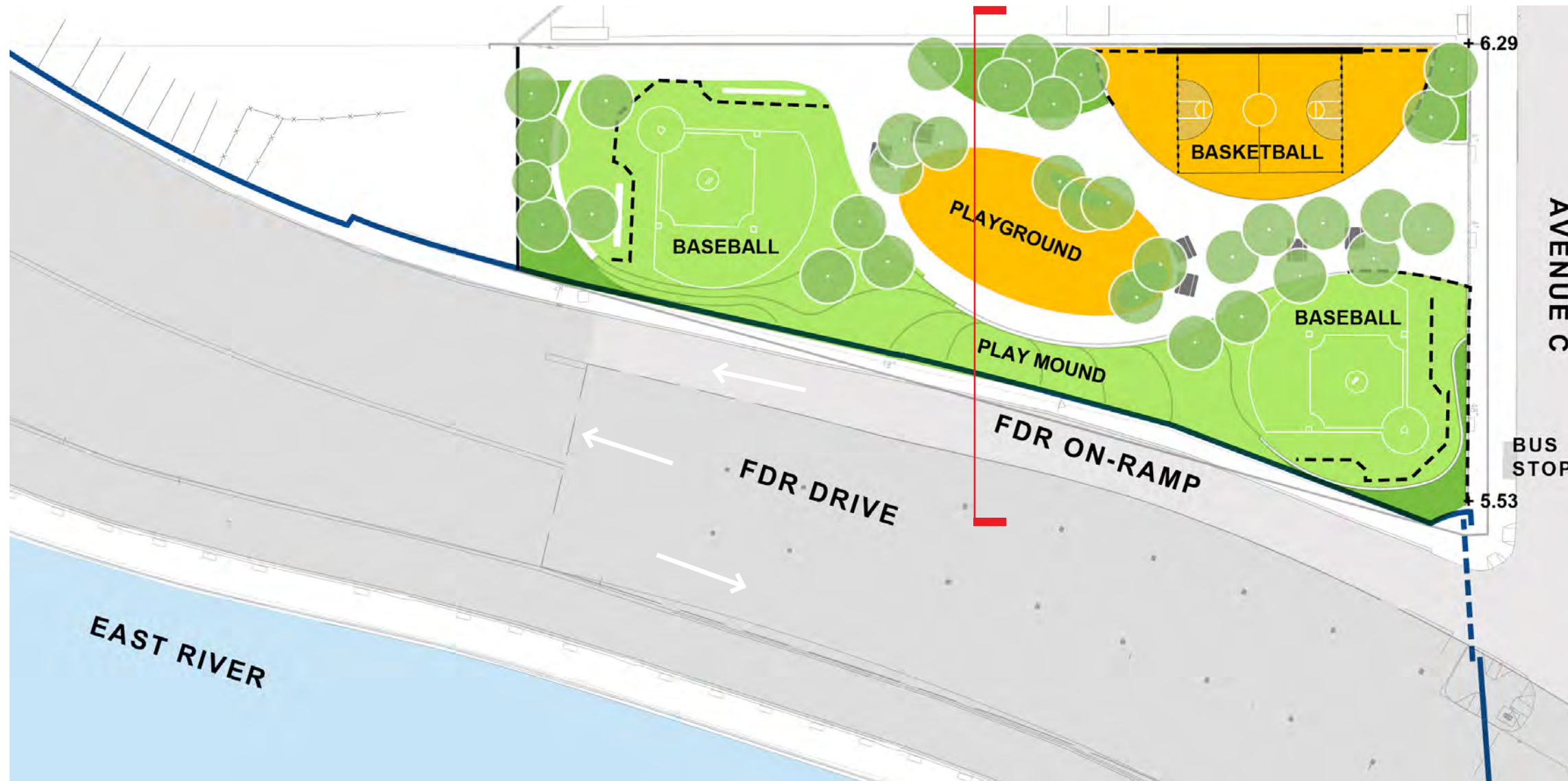
Murphy Brothers Playground

Program Study 3 - Community Play



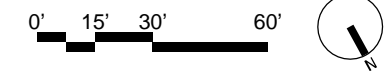
EXISTING PROGRAM

- Tim McGinn Baseball Fields (2)
- Playground (1)
- Handball courts (2)
- Basketball court (1)
- Swings (2)



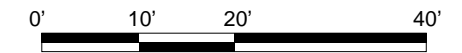
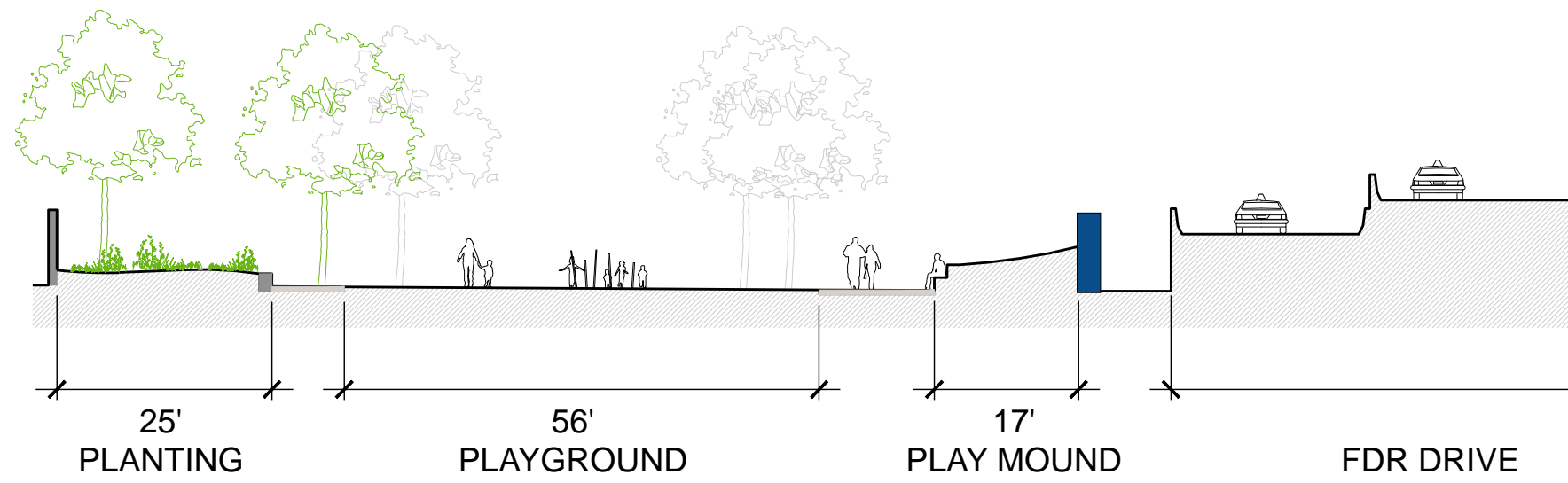
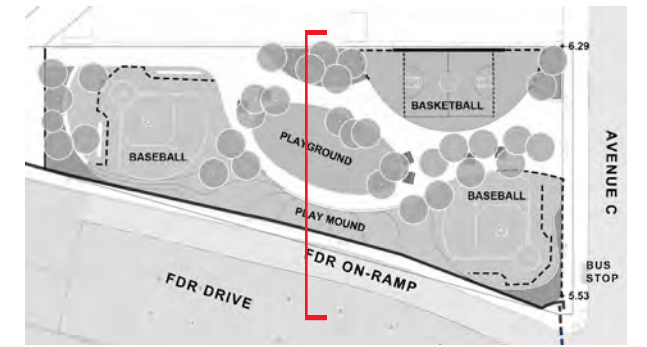
LEGEND

- Flood Protection
- - - Tall fence (4'+)
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Murphy Brothers Playground

Program Study 3 - Community Play



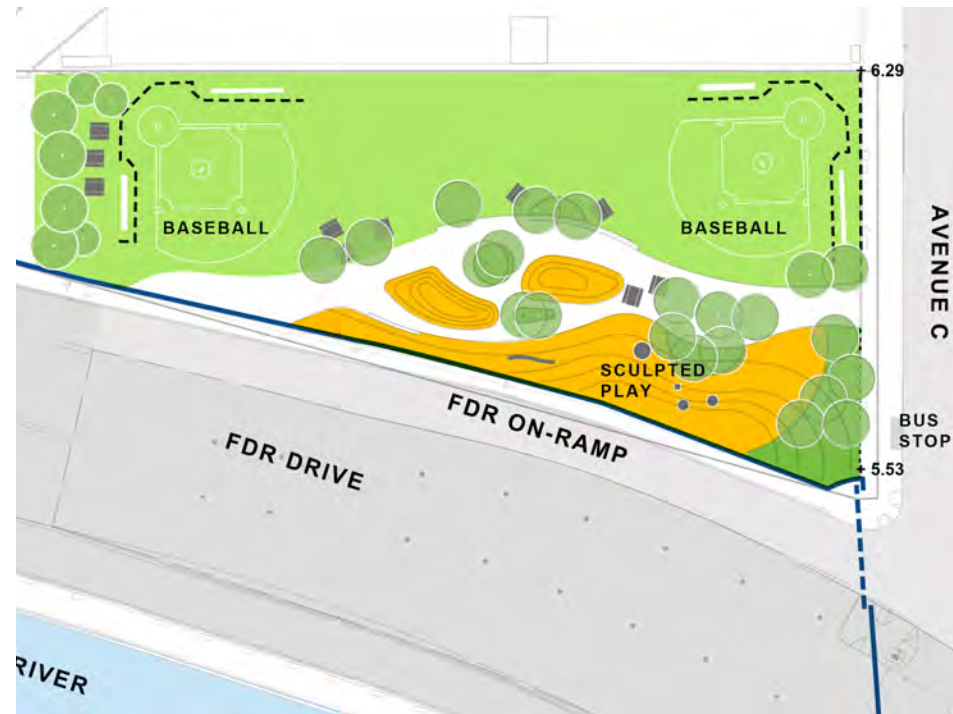
Murphy Brothers Playground

Program Studies

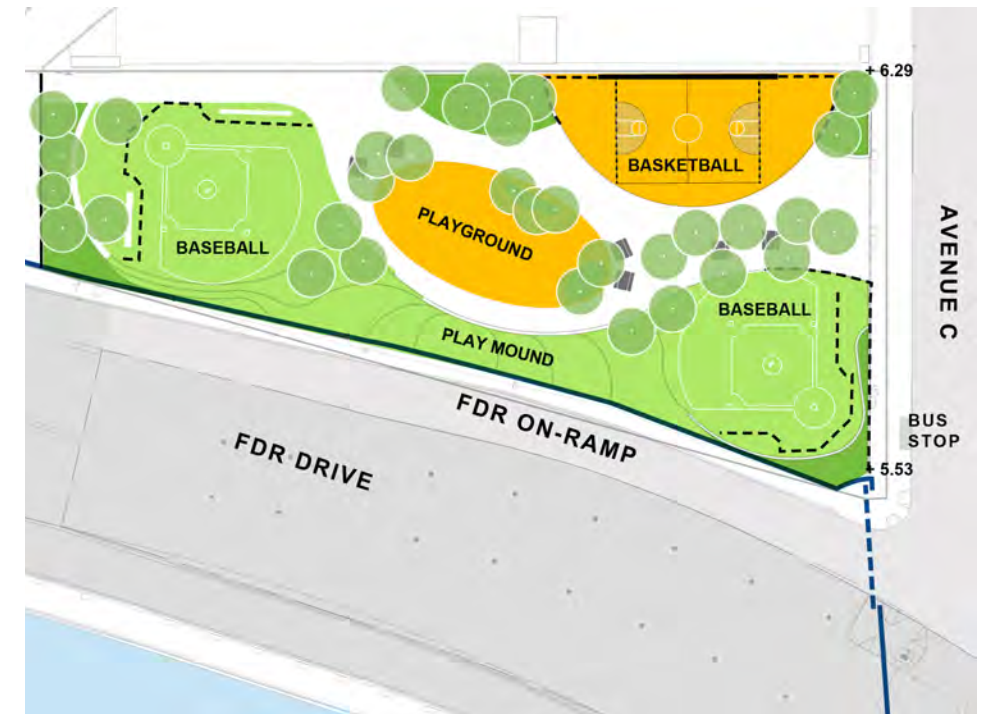
- Baseball Fields
- Basketball
- Playgrounds
- Free Play
- Picnic Areas
- Seating Areas
- Ornamental Plantings
- Open Lawn
- Other?



Courts and Play



Sculpted Play



Community Play

Asser Levy Playground

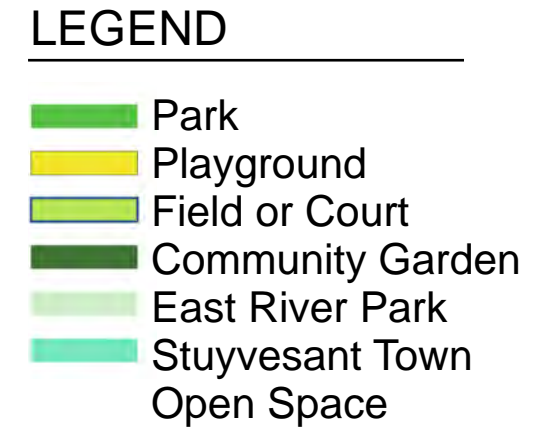
A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

Asser Levy Playground

Context

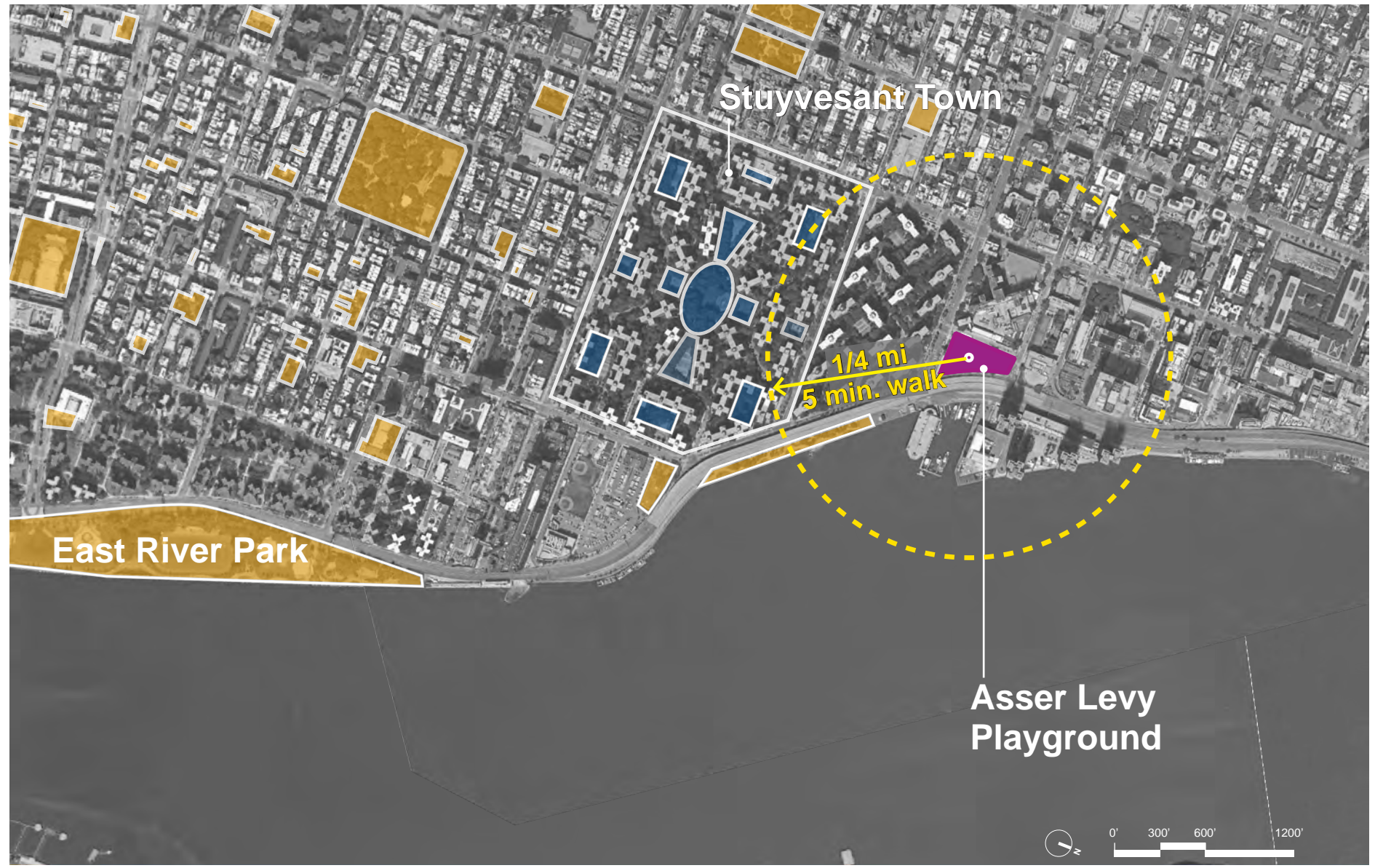


Asser Levy Playground





Asser Levy Playground

Open Space within the vicinity

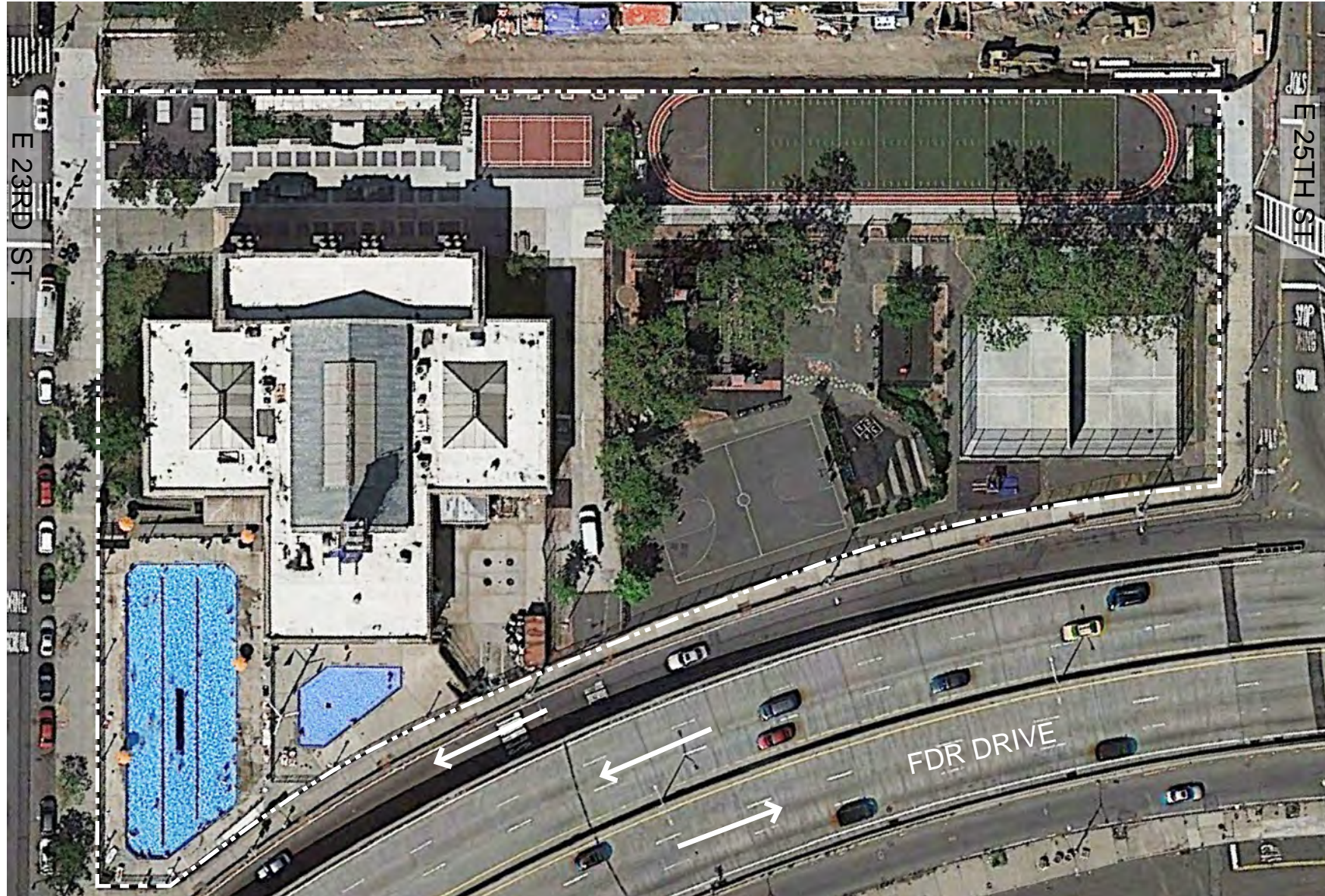


LEGEND

-  Public Open Space
-  Private Open Space

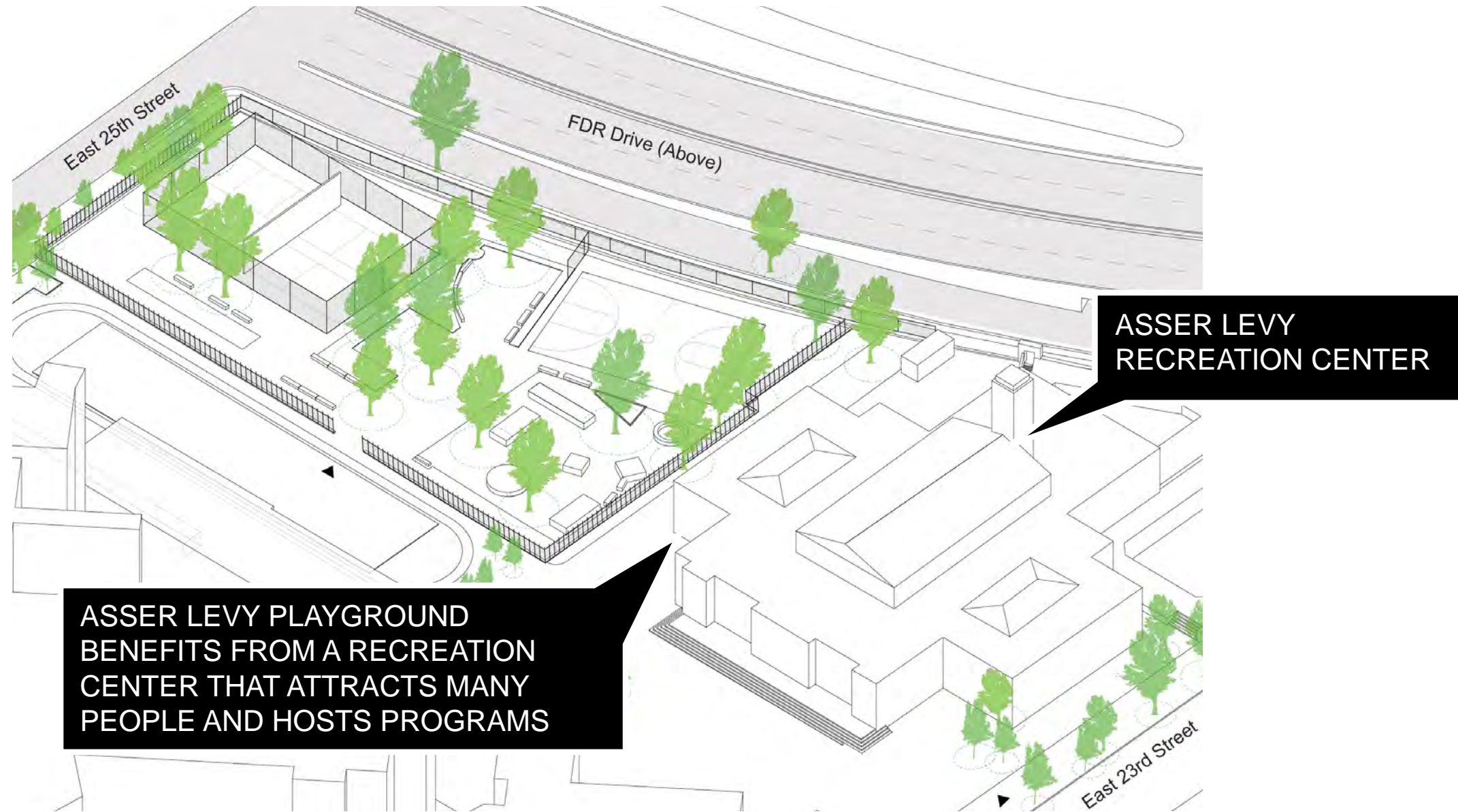
Asser Levy Playground

Aerial



Asser Levy Playground

Existing Conditions



Asser Levy Playground

Existing Conditions: Program

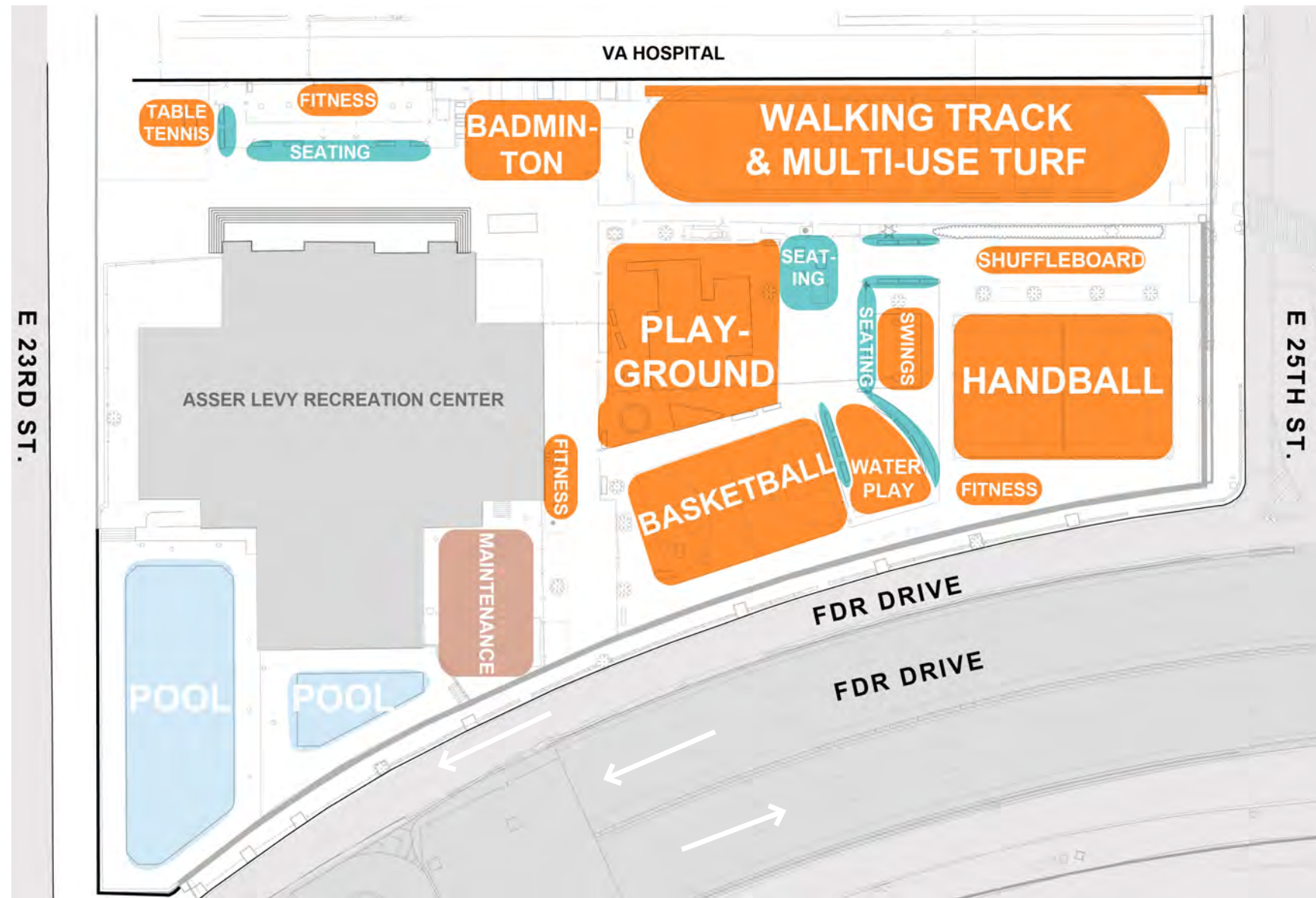


EXISTING PROGRAM

- Track and Field (1)
- Playground (1)
- Handball Courts (4)
- Basketball Court (1)
- Fitness Equipment (2)
- Badminton Court (1)
- Swings (1)
- Table Tennis (2)
- Shuffleboard (1)
- Exercise Bars (1)
- Water Spray Feature (1)

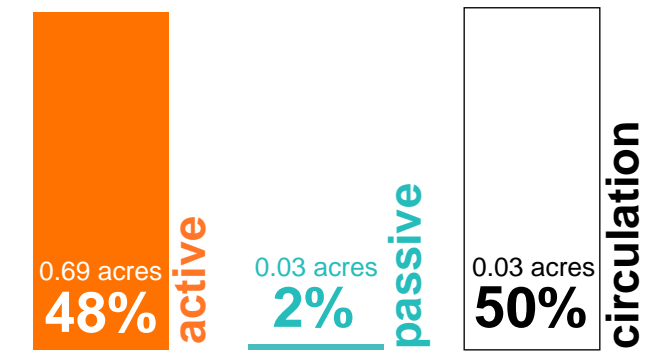
Asser Levy Playground

Existing Conditions: Program



EXISTING PROGRAM

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- Table Tennis (2)
- Shuffleboard (1)
- Exercise Bars (1)
- Water Spray Feature (1)



Total Area 61,679 SF (1.42 AC)



Asser Levy Playground

Use Observation

SITE VISITS



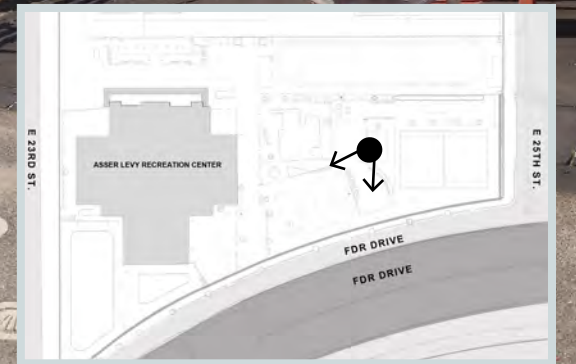
Asser Levy Playground

Site Photos



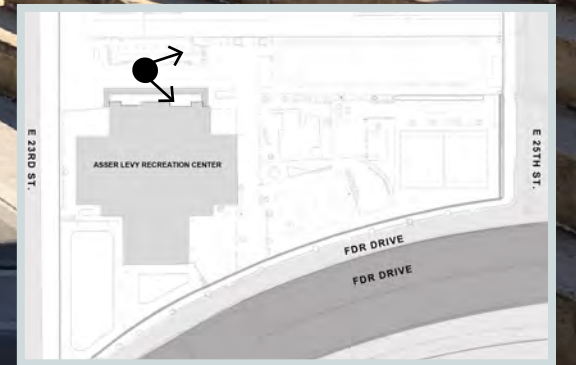
Asser Levy Playground

Site Photos



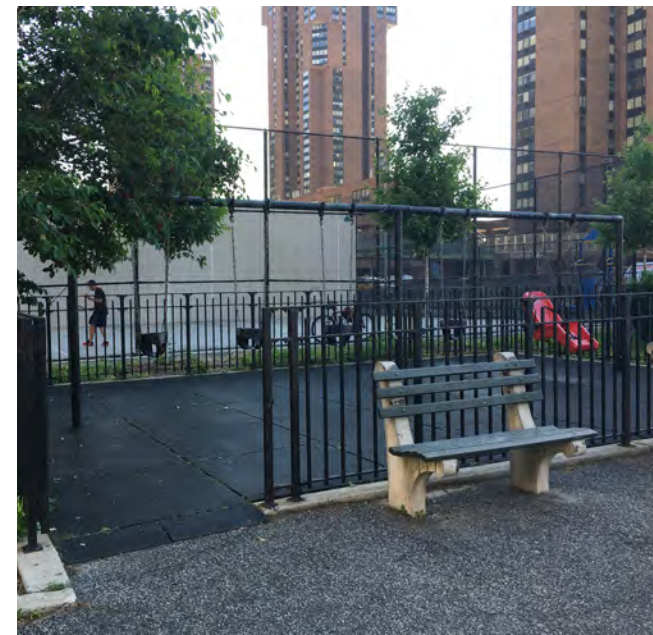
Asser Levy Playground

Site Photos



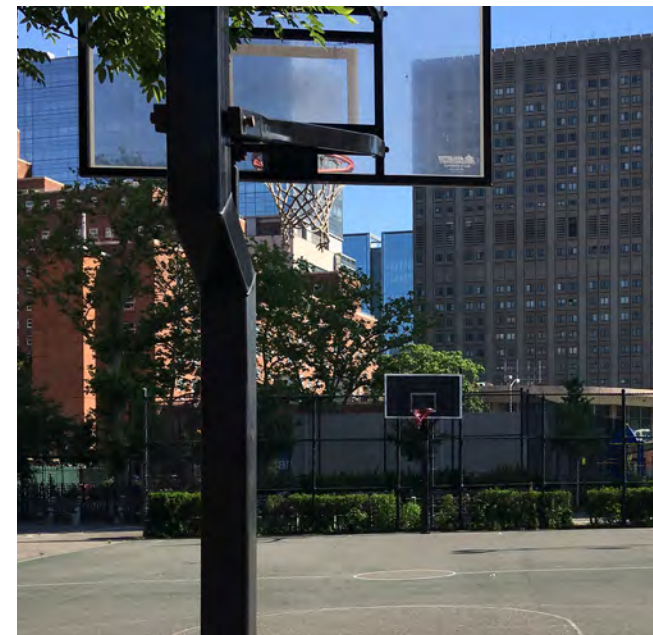
Asser Levy Playground

Existing Conditions



Asser Levy Playground

Existing Conditions



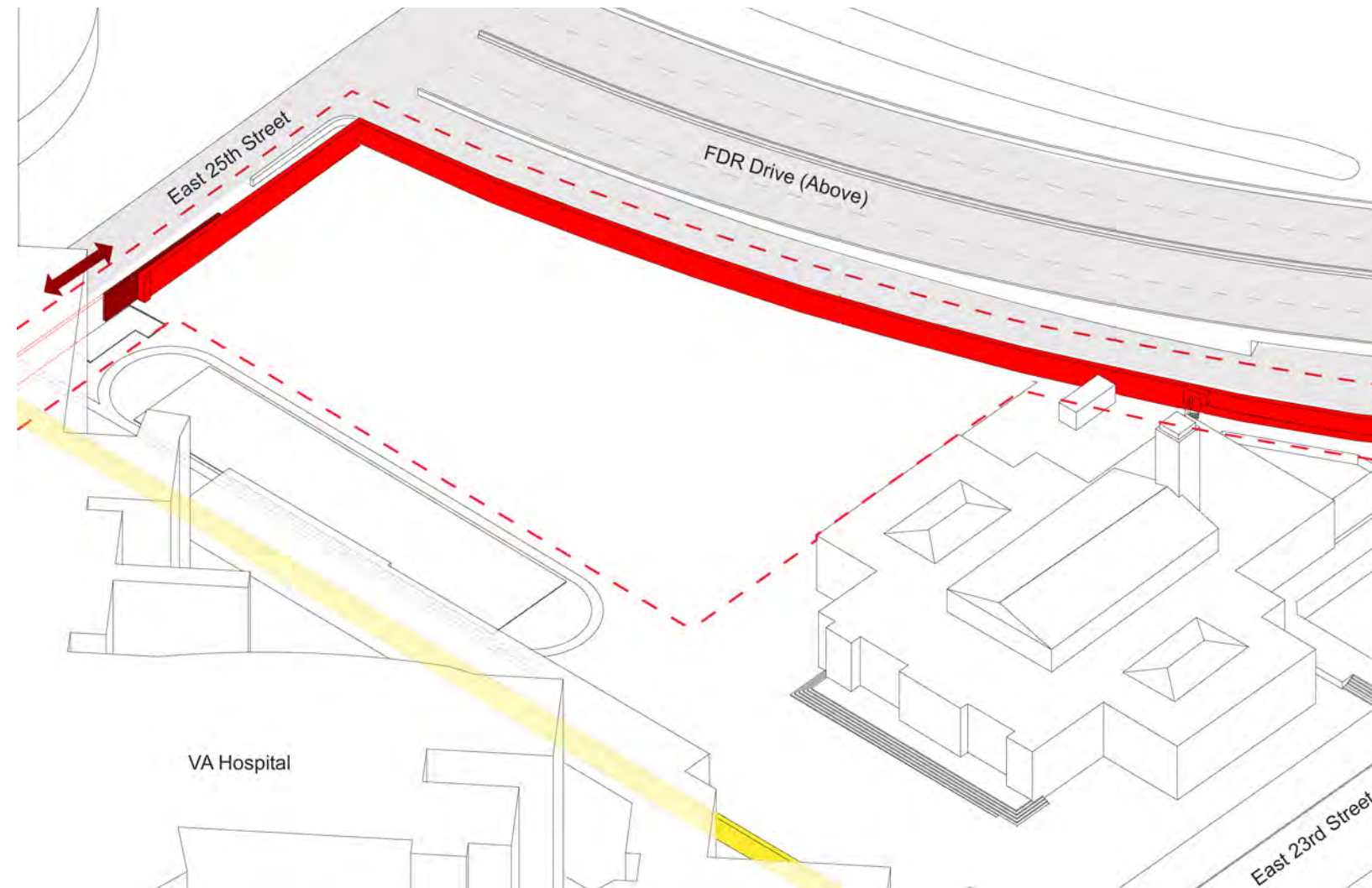
Asser Levy Playground

A. Existing Conditions | Site Observations




B. Opportunities + Constraints

C. Design Studies + Program

Asser Levy Playground Flood Protection Alignment



LEGEND

-  Flood Wall Alignment
-  VA Hospital Flood Wall
-  Limit of Work

Asser Levy Playground

Flood Protection Alignment



Asser Levy Playground

Flood Protection Alignment



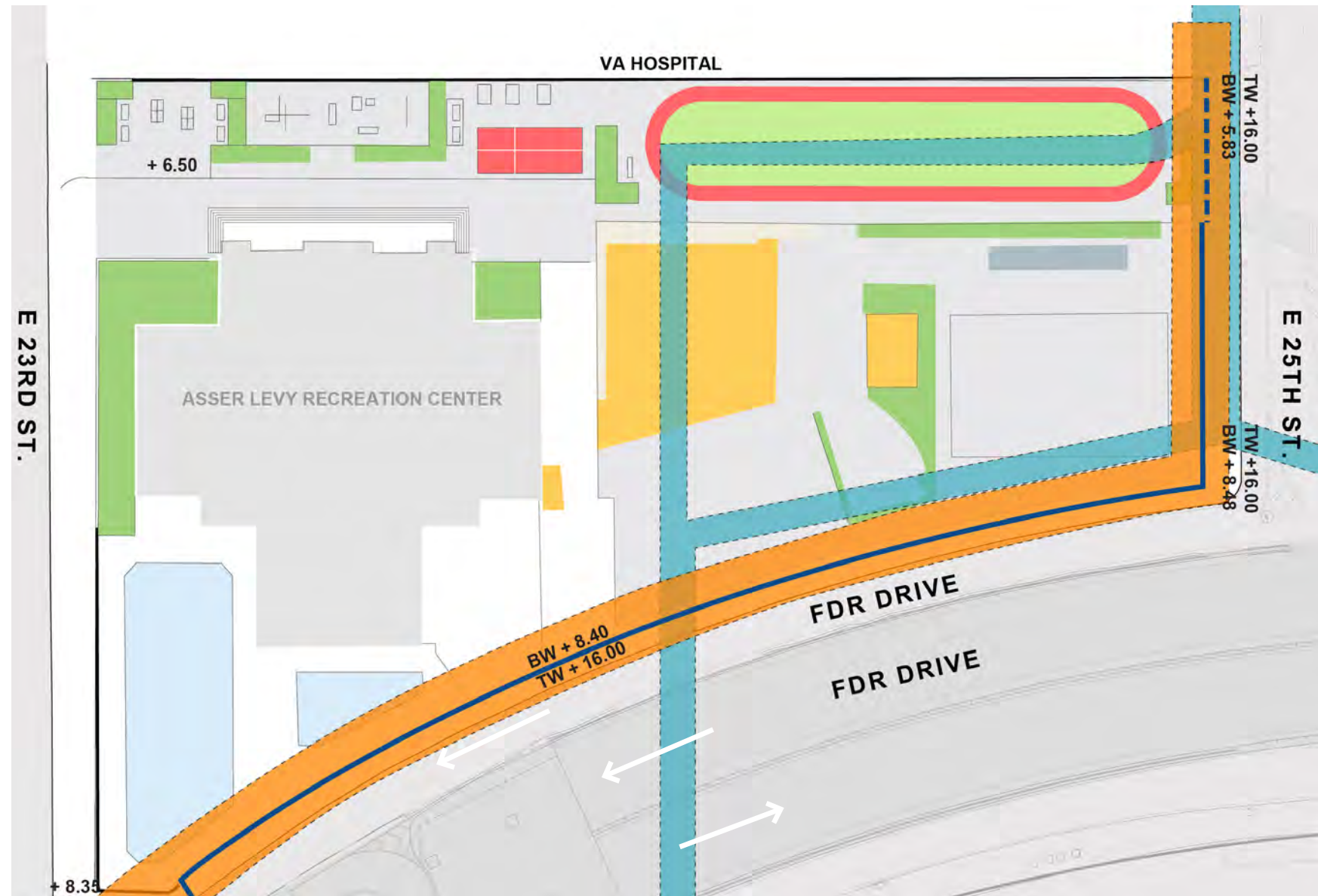
Asser Levy Playground

Flood Protection Alignment






Asser Levy Playground

Planting Restrictions



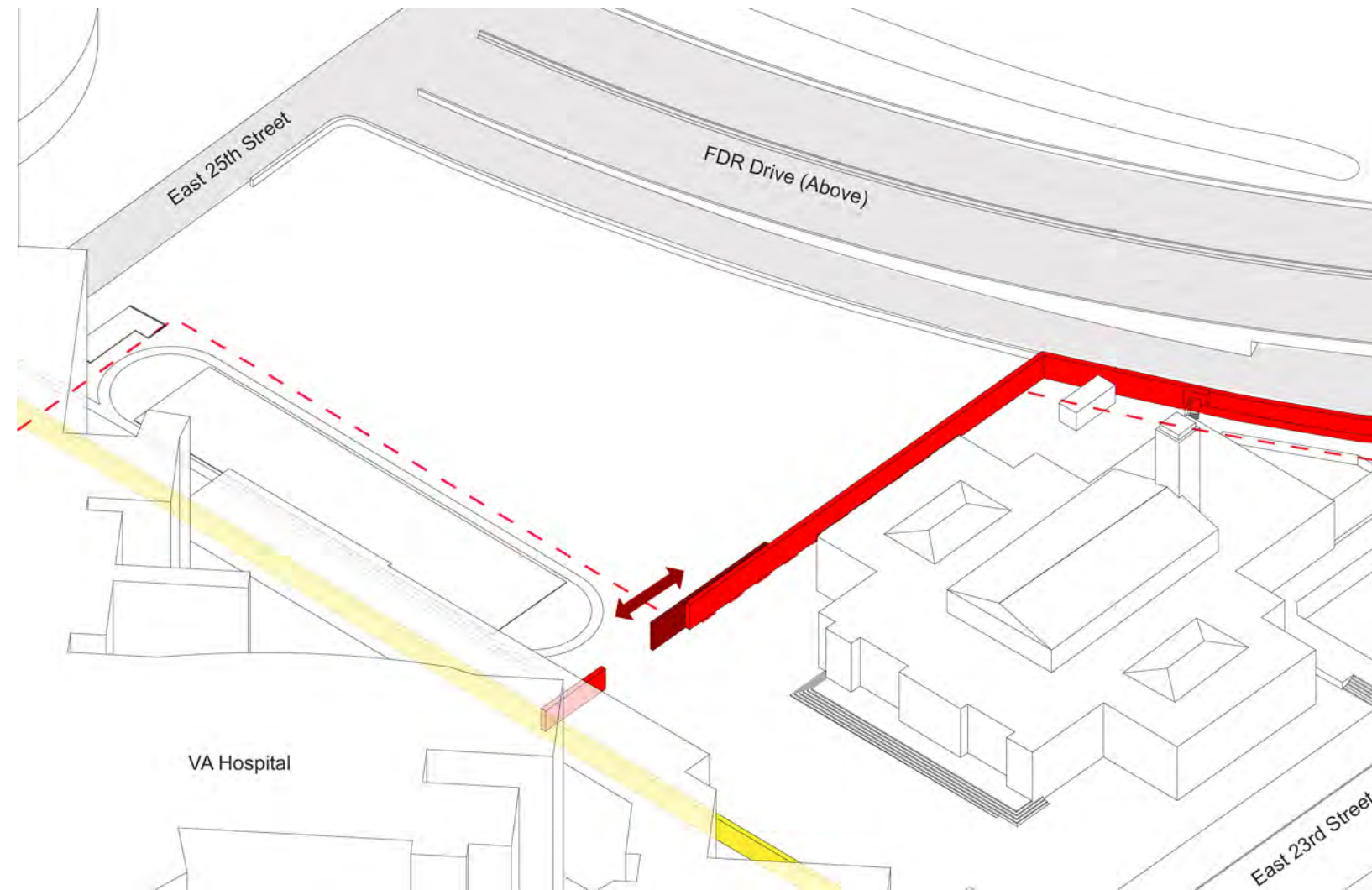
LEGEND

-  Restricted Tree Planting Area (15' Offset)
-  Restricted Planting Area (Sewer Lines)
-  Flood Protection






Asser Levy Playground

Flood Protection Alignment Study

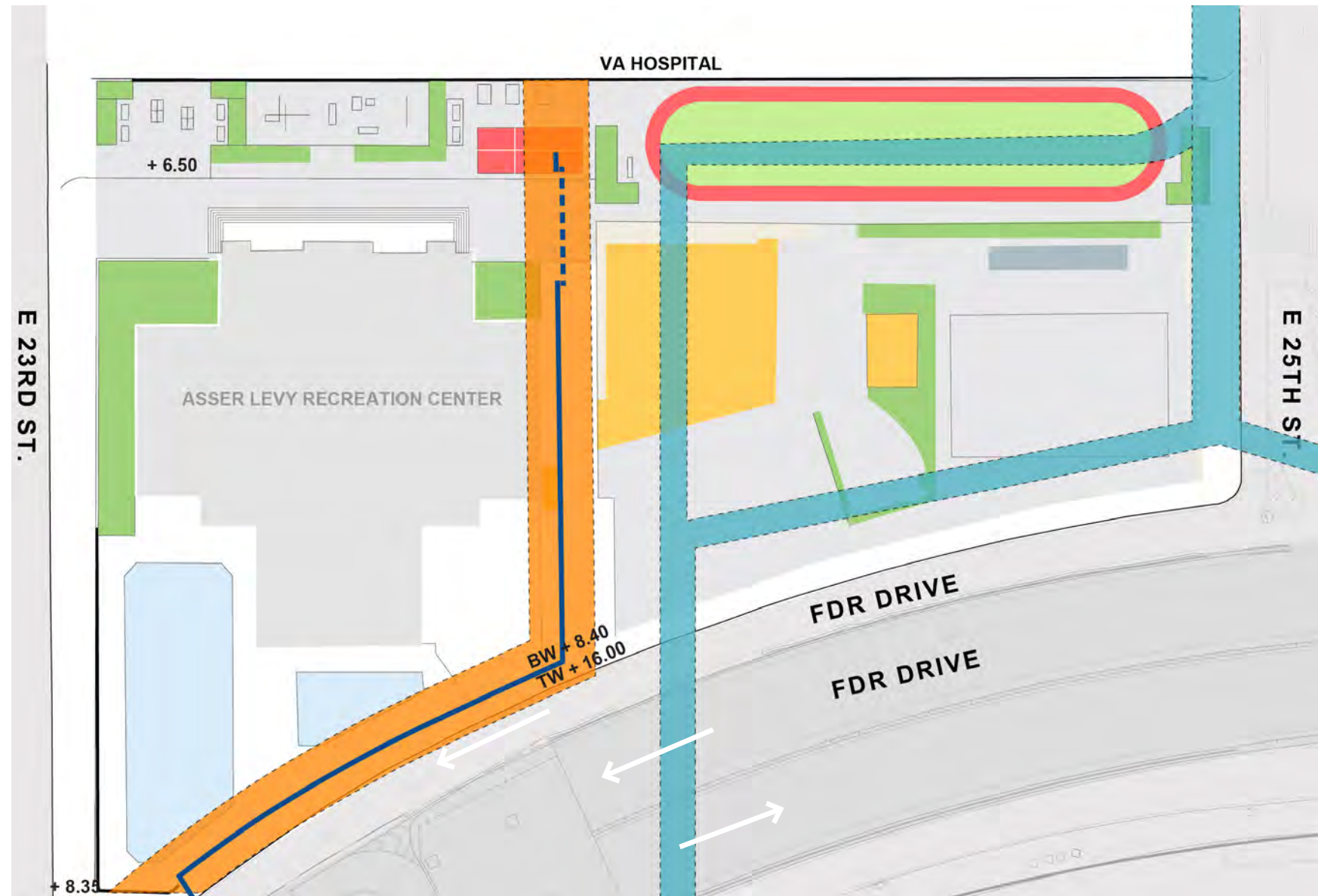


LEGEND




-  Flood Wall Alignment
-  VA Hospital Flood Wall
-  Limit of Work

Asser Levy Playground

Planting Restrictions



LEGEND

-  Restricted Tree Planting Area (15' Offset)
-  Restricted Planting Area (Sewer Lines)
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Asser Levy Playground

A. Existing Conditions | Site Observations

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Asser Levy Playground

Design Goals + Opportunities

- Integrate Flood Protection as part of the Park Experience
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Asser Levy Playground

Programming Studies

Program Study Intent:

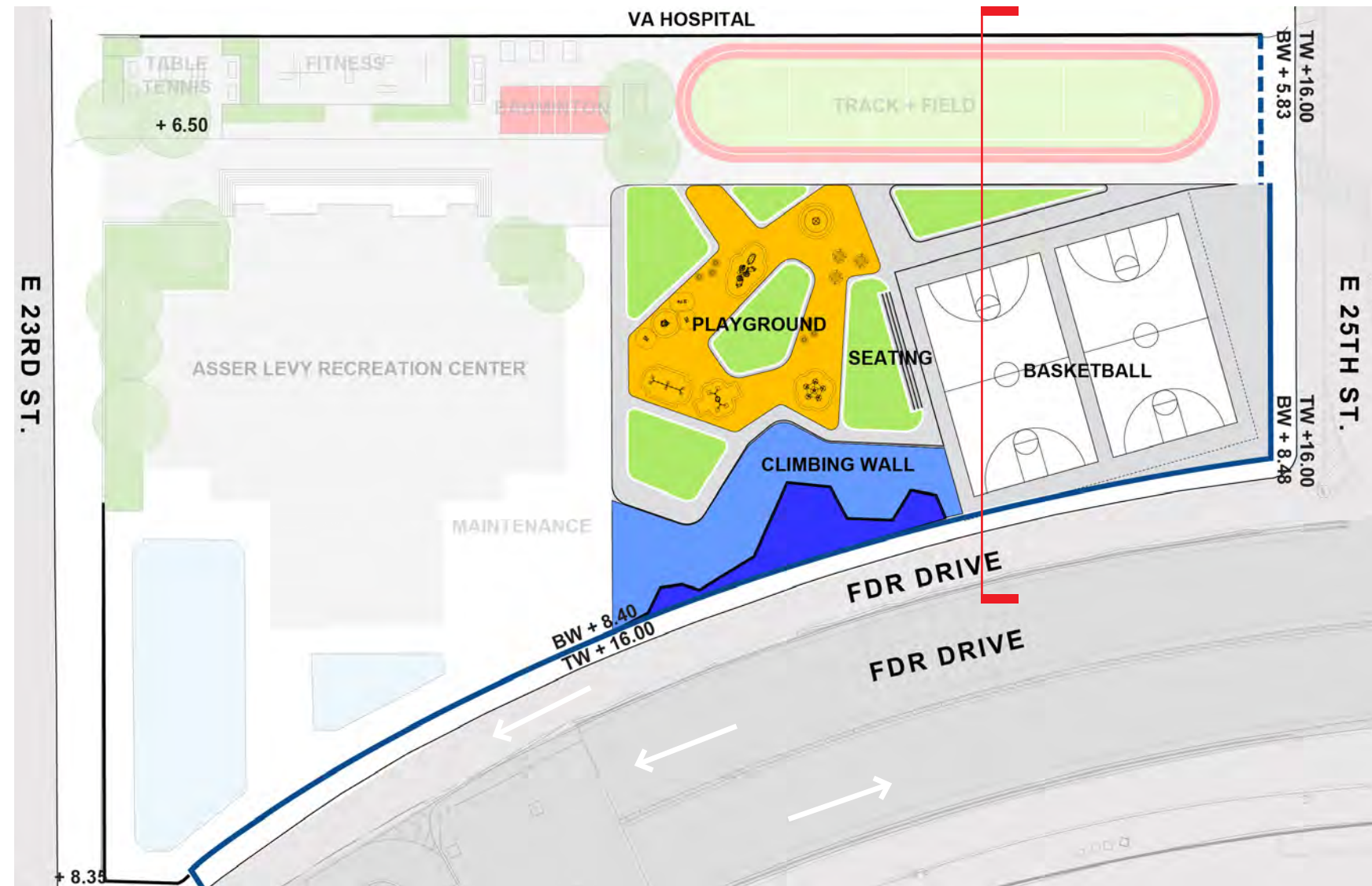
- Generate community discussion on mix and type of program desired
- Show scale of program/features that may be accommodated
- Gather community feedback to advance park designs

Program Studies:

- "Courts and Play"
- "Play Pockets"

Asser Levy Playground

Program Study 1 - Courts and Play



EXISTING PROGRAM

To Remain:

- Track and Field (1)
- Badminton Court (1)
- Table Tennis (2)

For Consideration:

- Swings (1)
- Shuffleboard (1)
- Exercise Bars (1)
- Water Spray Feature (1)
- Playground (1)
- Handball Courts (4)
- Basketball Court (1)
- Fitness Equipment (2)

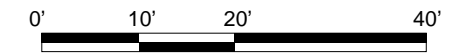
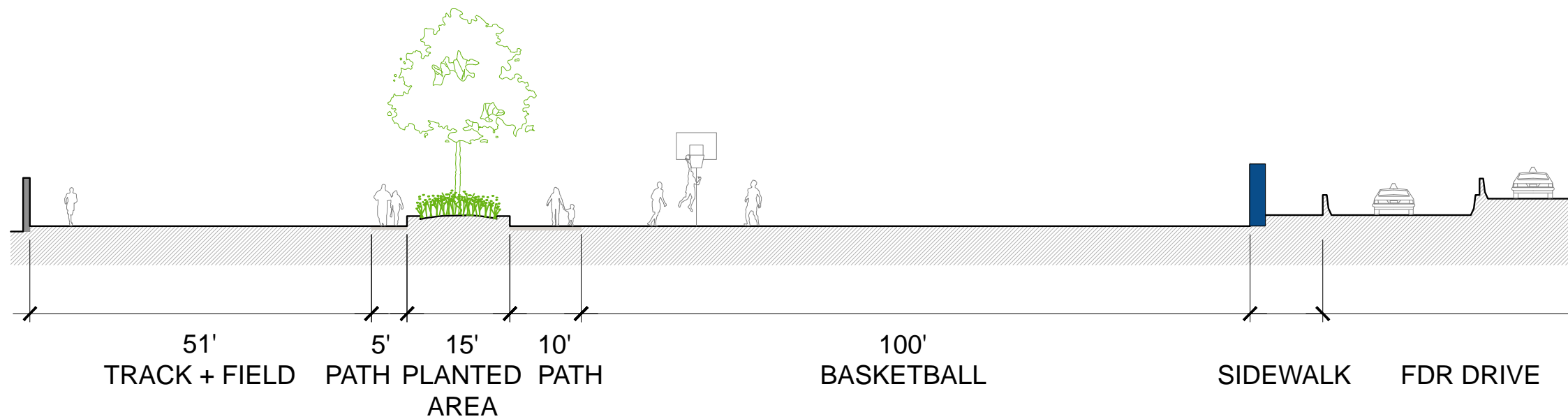
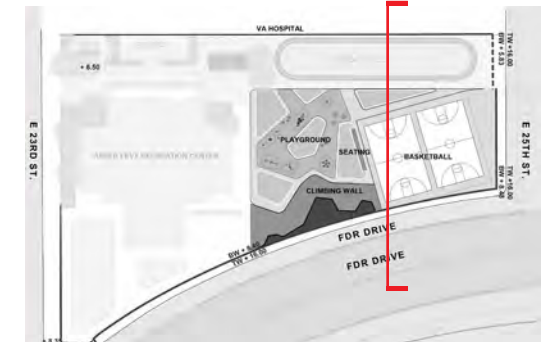
LEGEND

— Flood Protection



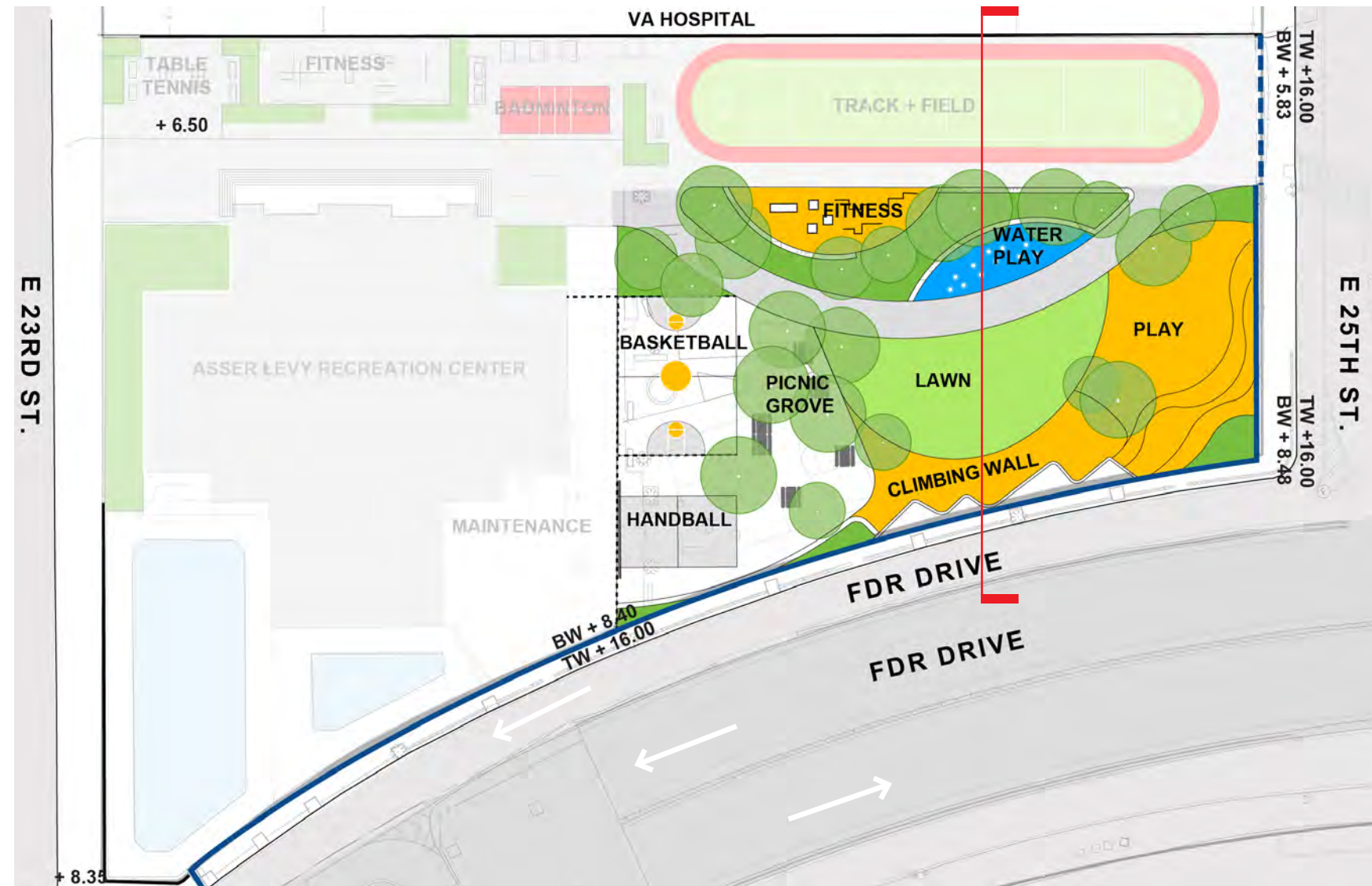
Asser Levy Playground

Program Study 1 - Courts and Play



Asser Levy Playground

Program Study 2 - Play Pockets



EXISTING PROGRAM

To Remain:

- Track and Field (1)
- Badminton Court (1)
- Table Tennis (2)

For Consideration:

- Swings (1)
- Shuffleboard (1)
- Exercise Bars (1)
- Water Spray Feature (1)
- Playground (1)
- Handball Courts (4)
- Basketball Court (1)
- Fitness Equipment (2)

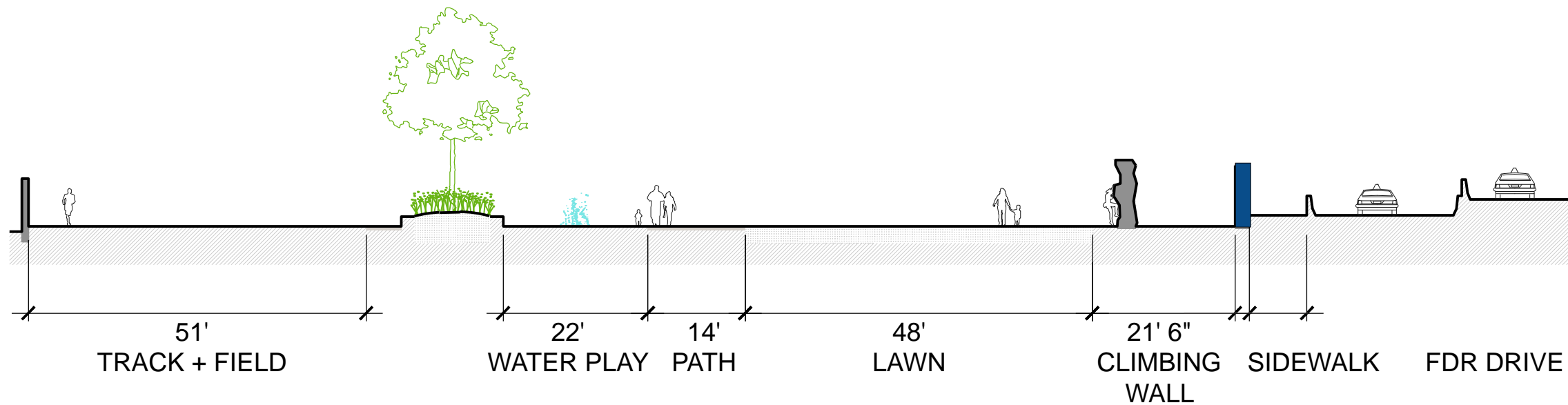
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— Flood Protection



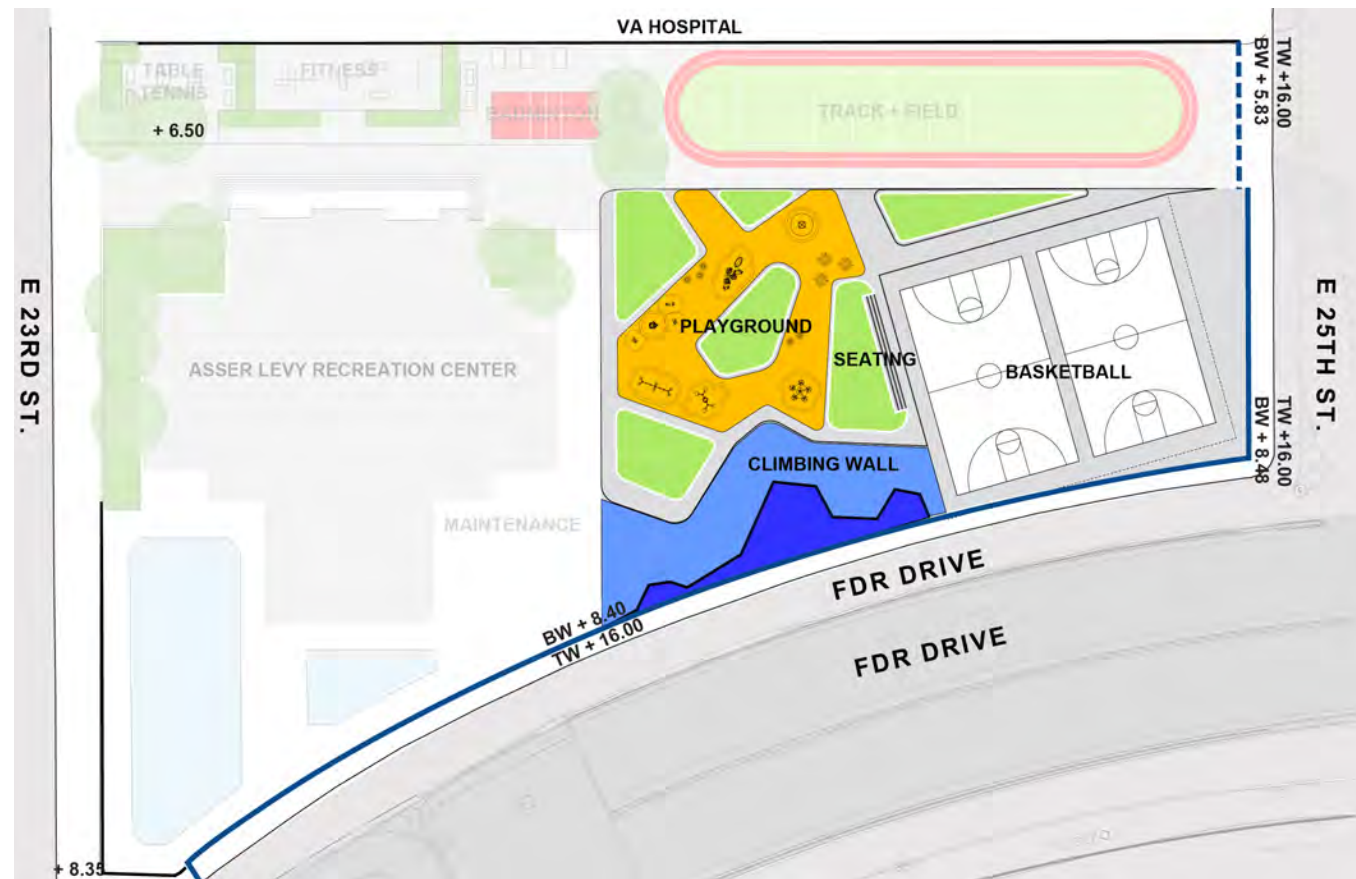
Asser Levy Playground

Program Study 2 - Play Pockets

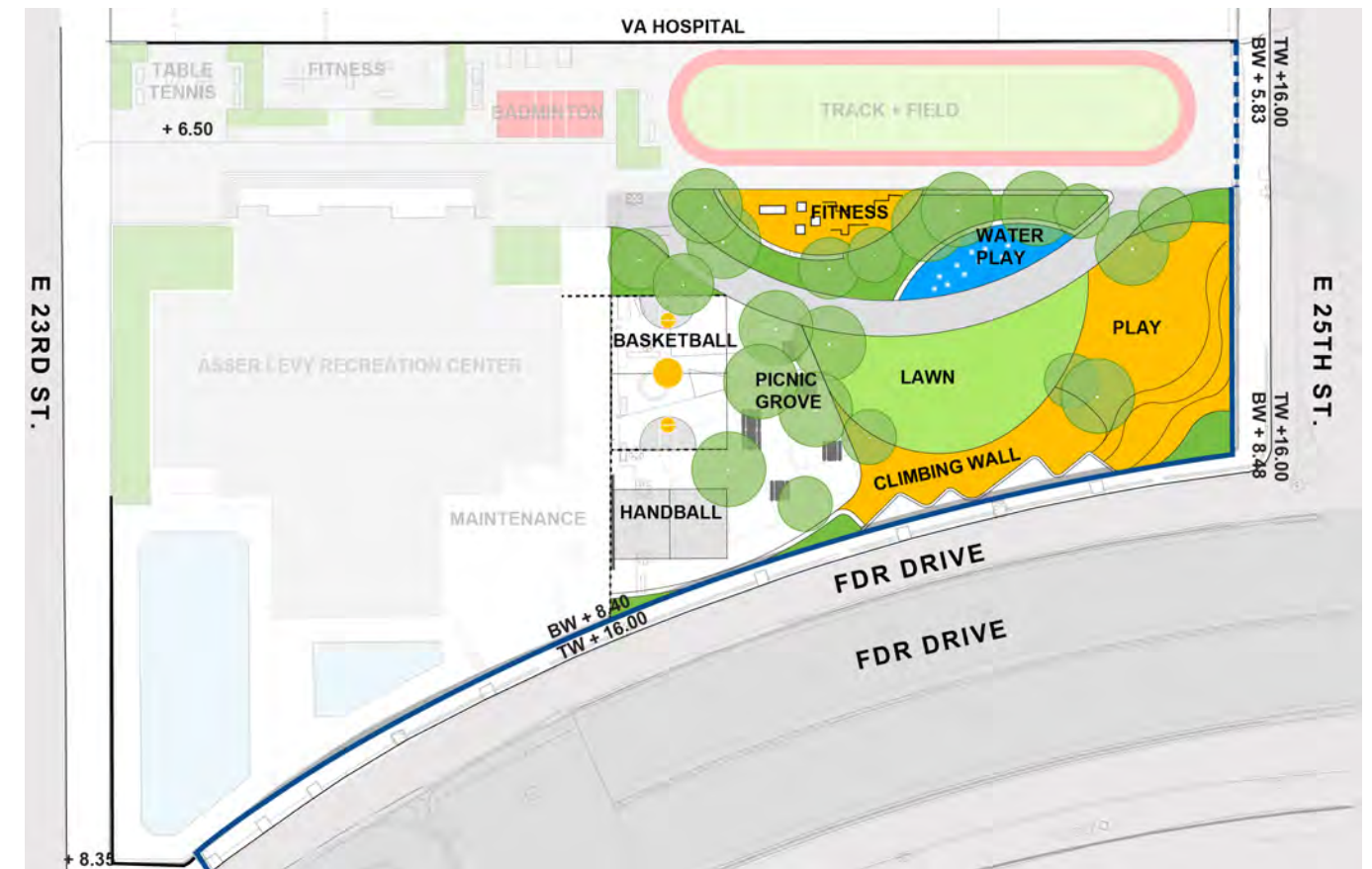


Asser Levy Playground Program Study Summary

- Basketball
- Handball
- Climbing Wall
- Picnic Areas
- Playgrounds
- Free Play
- Water Play
- Seating Areas
- Ornamental Plantings
- Open Lawn
- Other?



Courts and Play



Play Pockets

Park Programming

Break-Out Session

- Who uses these Parks?
- What works? What doesn't work?
- What kinds of program do you want to see?
- Should the two parks be programmed together or separately?
- What age groups should the designs accommodate?
- What is the right balance of active and passive recreation?
- What do you think works well with flood protection considerations?

Park Programming

Break-Out Session

- 7:00-8:00 Break-Out Group Discussion of Murphy Brothers Playground and Asser Levy Playground Programming
- 8:00-8:30 Individual Groups Report to Everyone