

#ONENYC



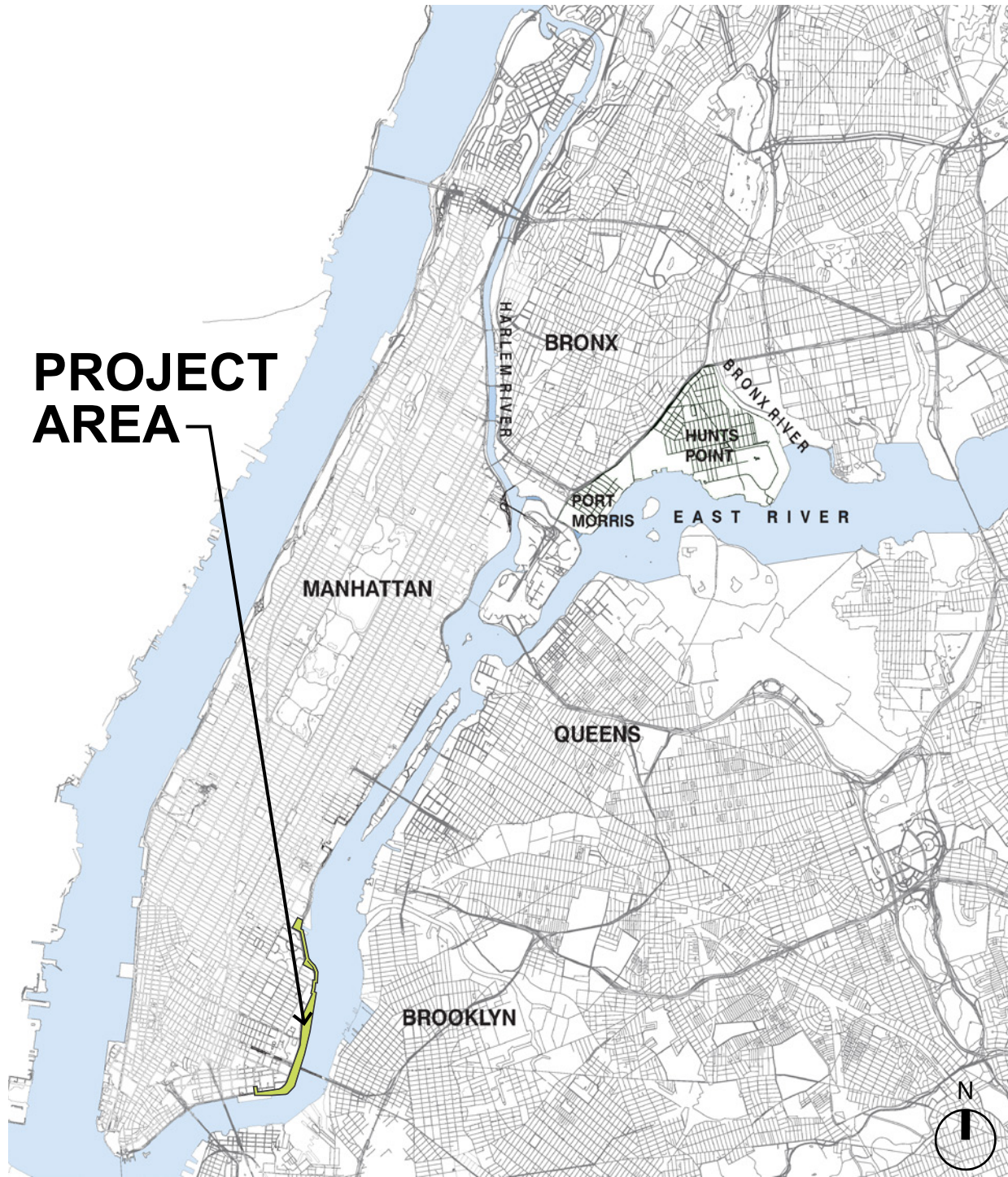
EAST SIDE COASTAL RESILIENCY

**Murphy Brothers Playground and
Asser Levy Playground**

November 14, 2016

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

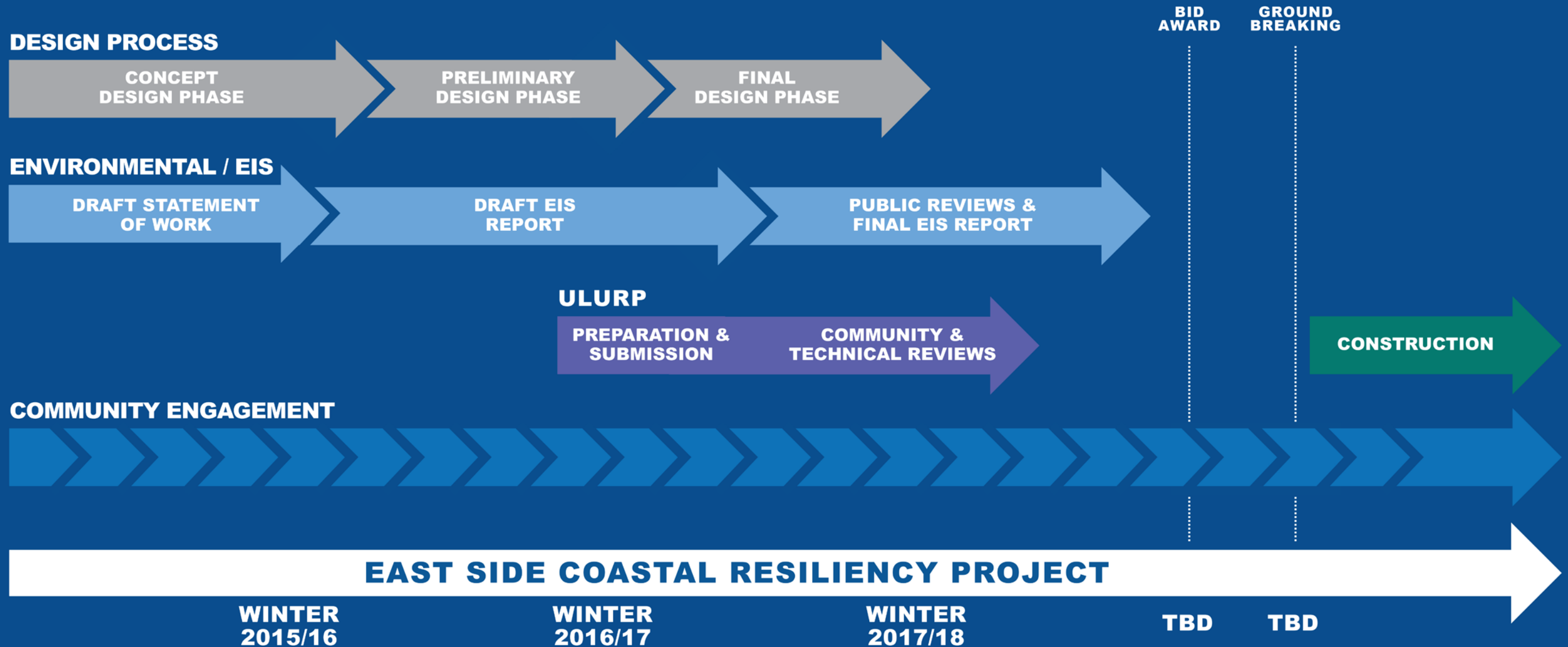


- Provide a reliable, integrated flood protection system; minimize use of closure structures
- Improve waterfront open spaces and access
- Respond quickly to the urgent need for increased flood protection and resiliency
- Achieve implementation milestones and project funding allocations as established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

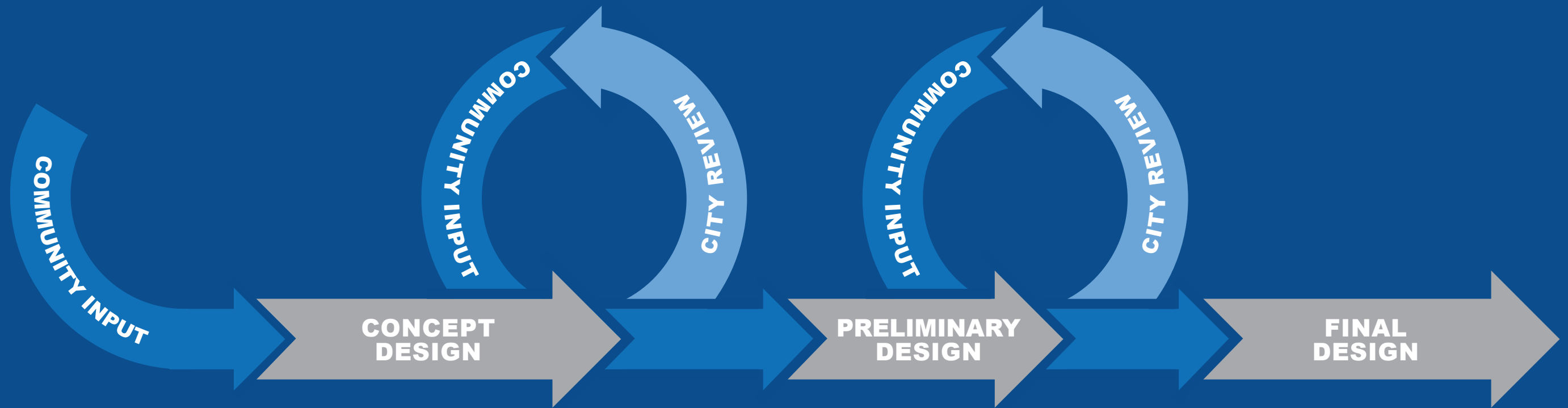


East Side Coastal Resiliency

Current Project Schedule



East Side Coastal Resiliency Iterative Design Process

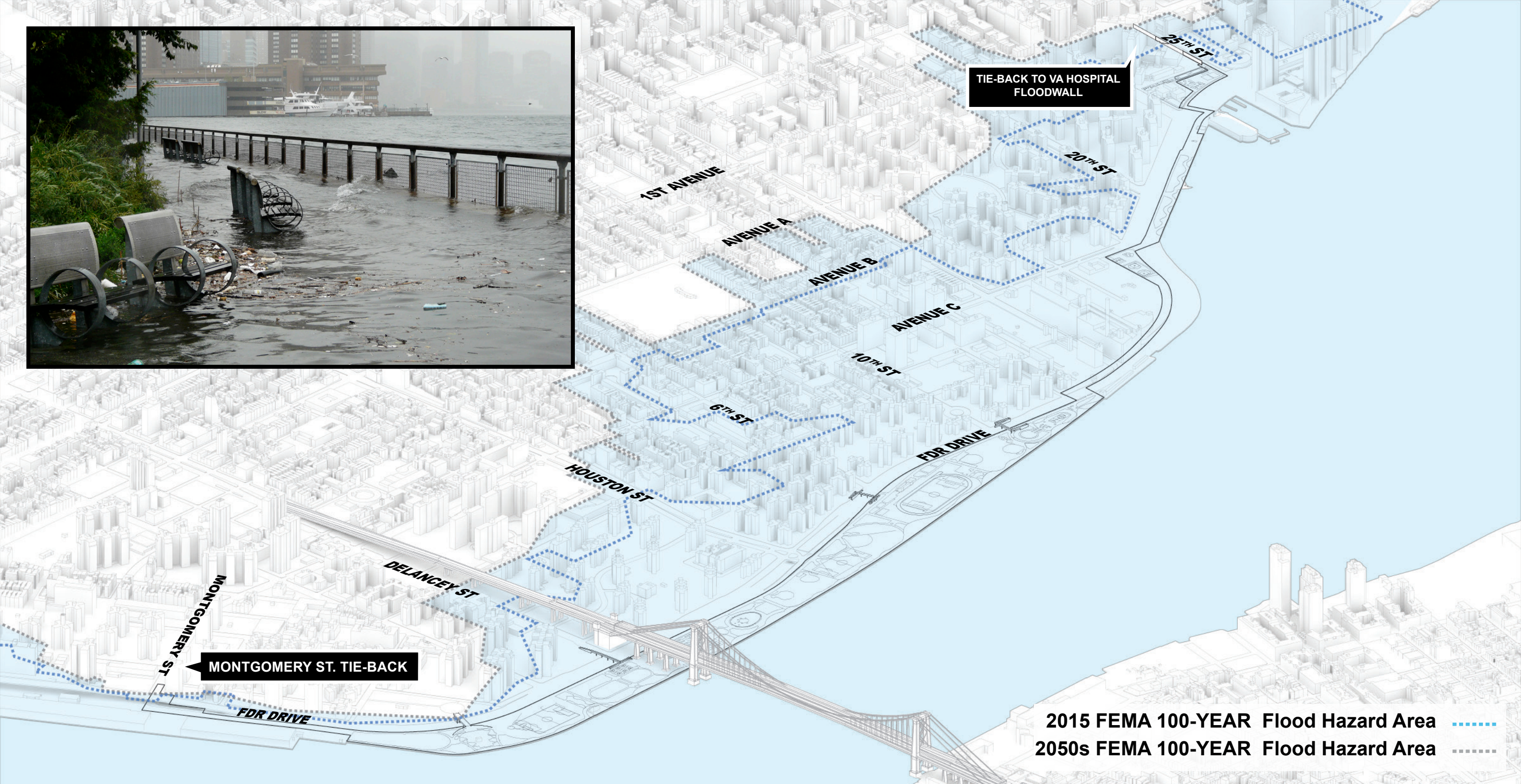


**WINTER
2014/15**

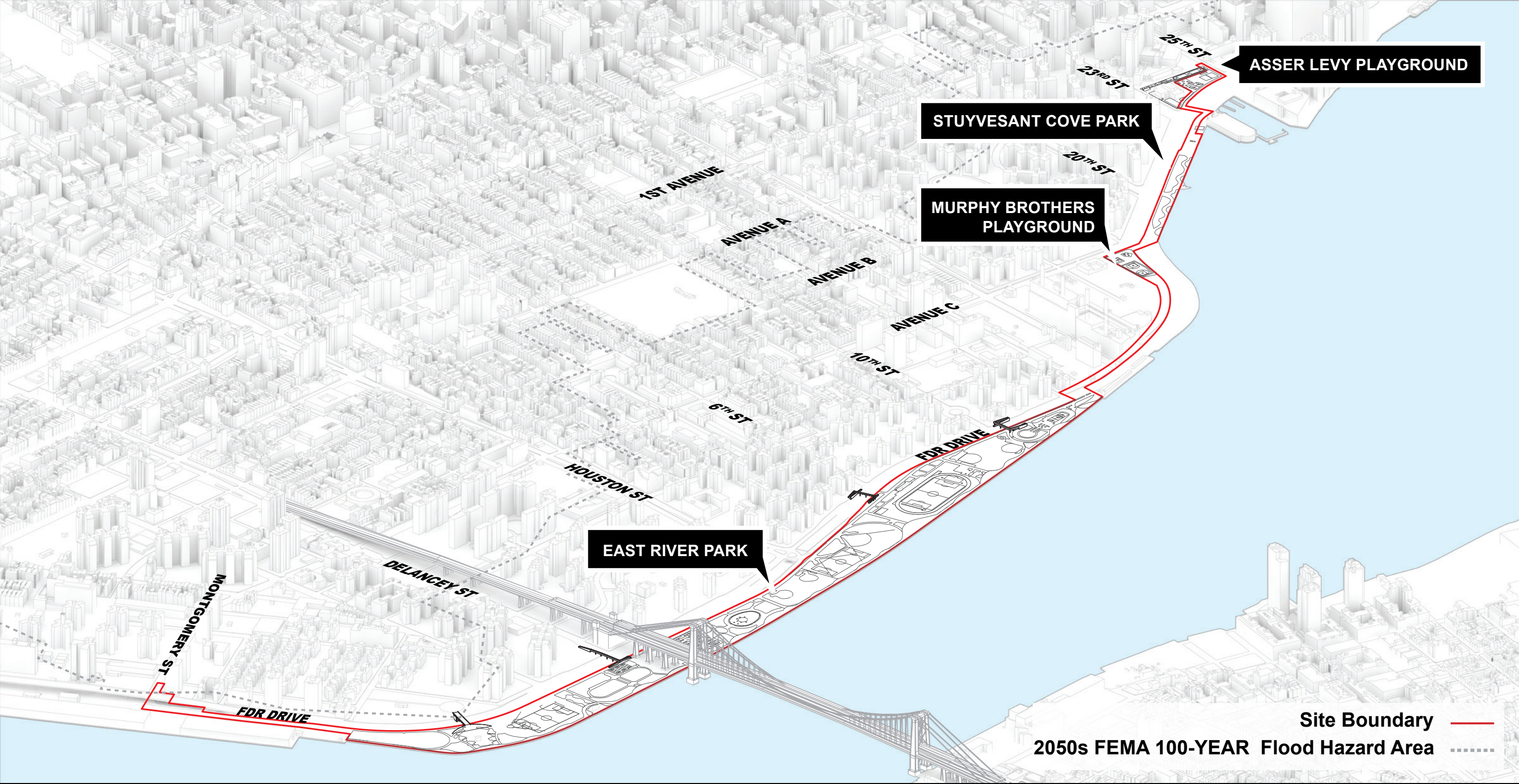
**WINTER
2015/16**

**WINTER
2016/17**

**WINTER
2017/18**



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



ASSER LEVY PLAYGROUND

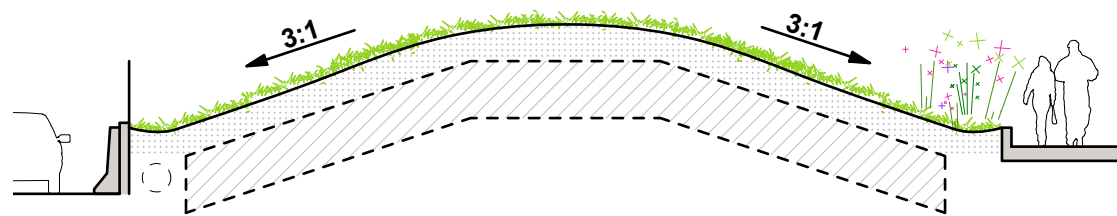
STUYVESANT COVE PARK

MURPHY BROTHERS PLAYGROUND

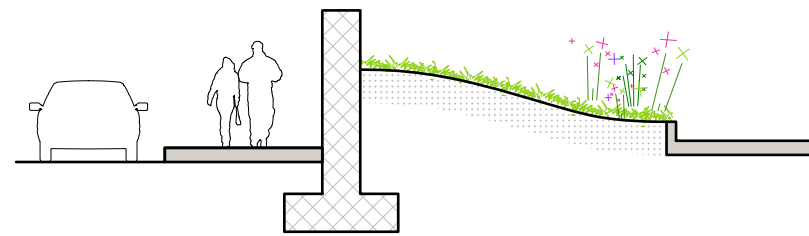
EAST RIVER PARK

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

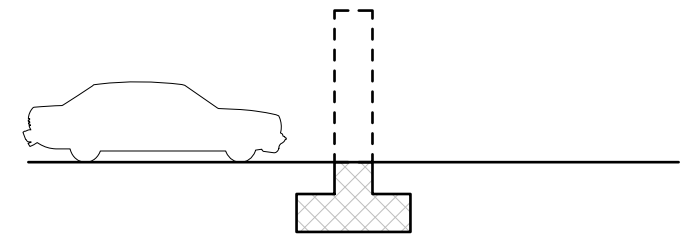
Flood Mitigation Design Components



BERM / LEVEE



FLOODWALL



CLOSURE STRUCTURE

Single Swing Gate (x7)

Double Swing Gates (x2)

Single Roller Gates (x4)

Double Roller Gates (x1)

Pedestrian Gates (x3)

Miter Gates (x1)

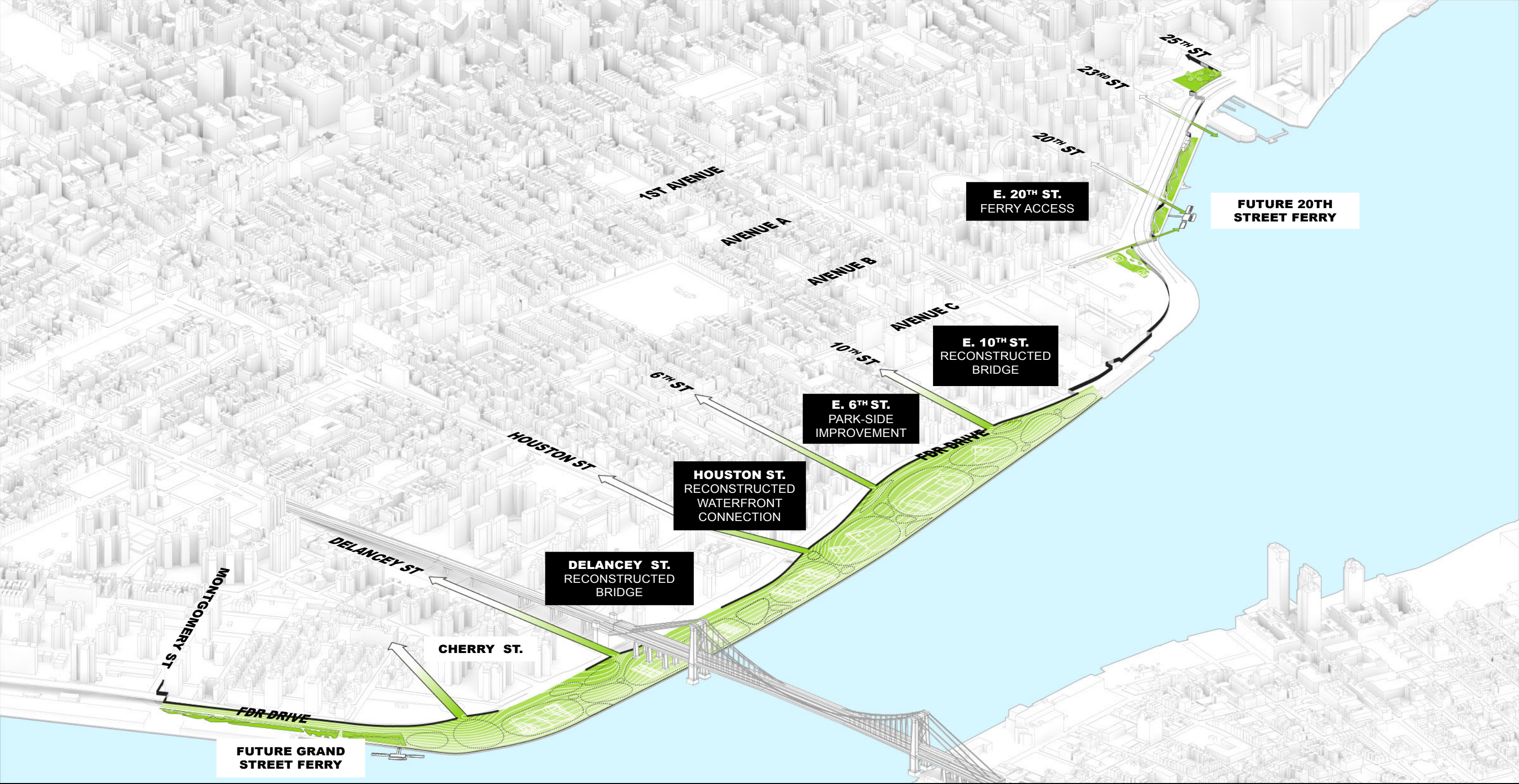
*18 Total Closure Structures

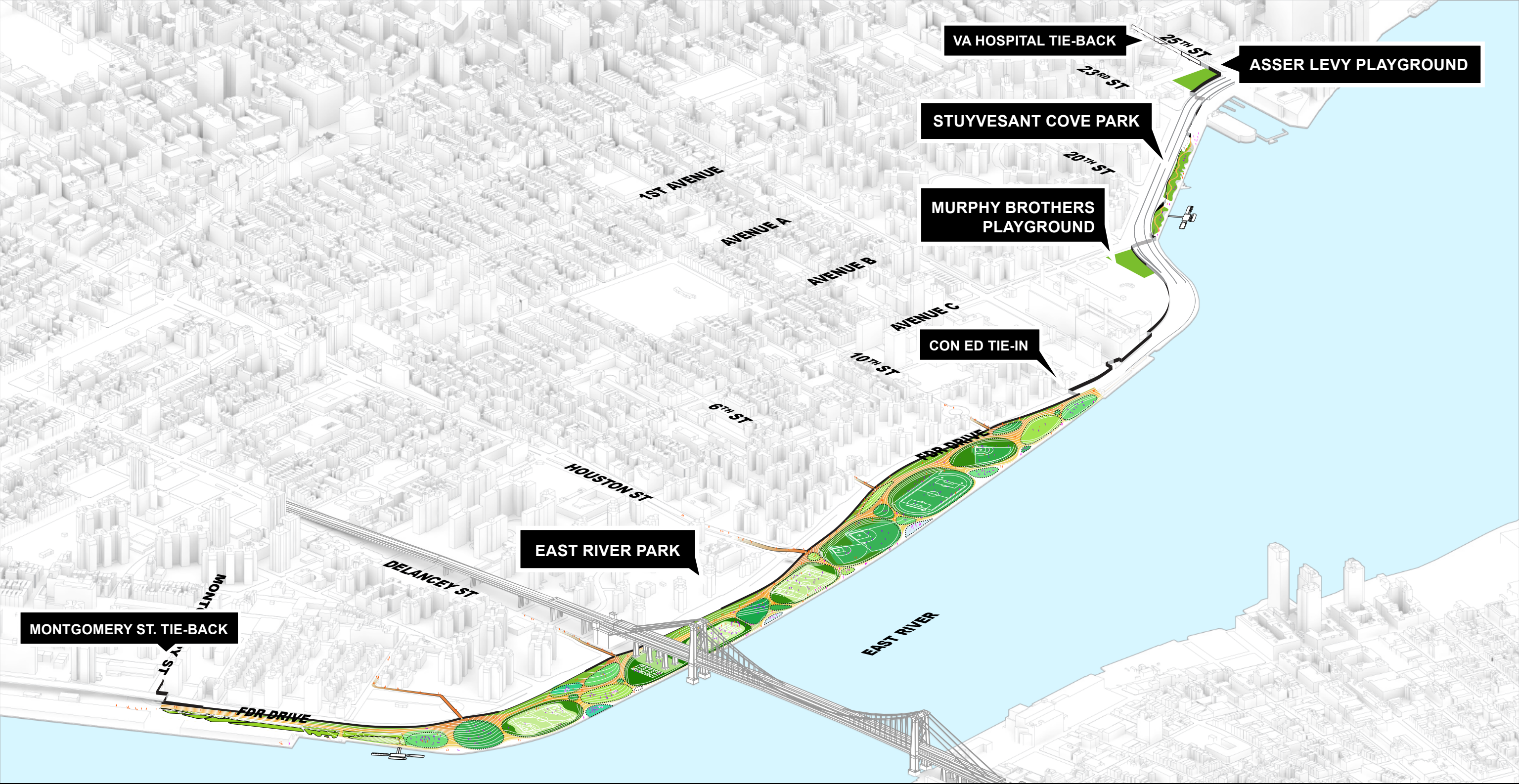
THE FLOOD PROTECTION ALIGNMENT, REACHING +16' ABOVE MEAN SEA LEVEL, CREATES AN ELEVATED EDGE TYPICALLY 8'-9' ABOVE EXISTING GROUND LEVEL, WITH FLOOD GATES ACROSS PEDESTRIAN, CYCLIST AND VEHICULAR ACCESSWAYS

VA HOSPITAL TIE-BACK

MONTGOMERY ST. TIE-BACK

- Floodwall █
- Earthen Levee █
- Closure Location ▶





MONTGOMERY ST. TIE-BACK

VA HOSPITAL TIE-BACK

ASSER LEVY PLAYGROUND

STUYVESANT COVE PARK

MURPHY BROTHERS PLAYGROUND

CON ED TIE-IN

EAST RIVER PARK

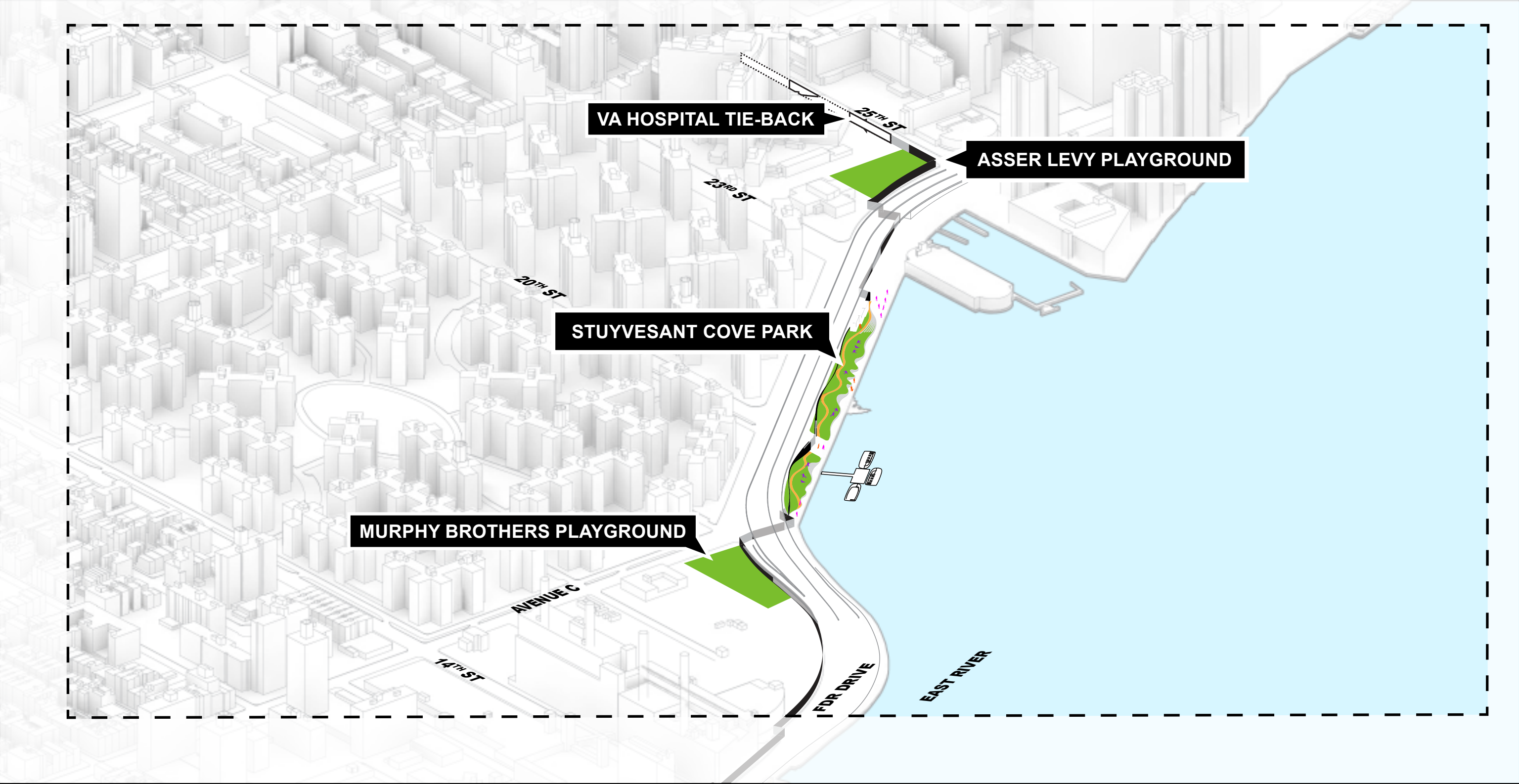


VA HOSPITAL TIE-BACK

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

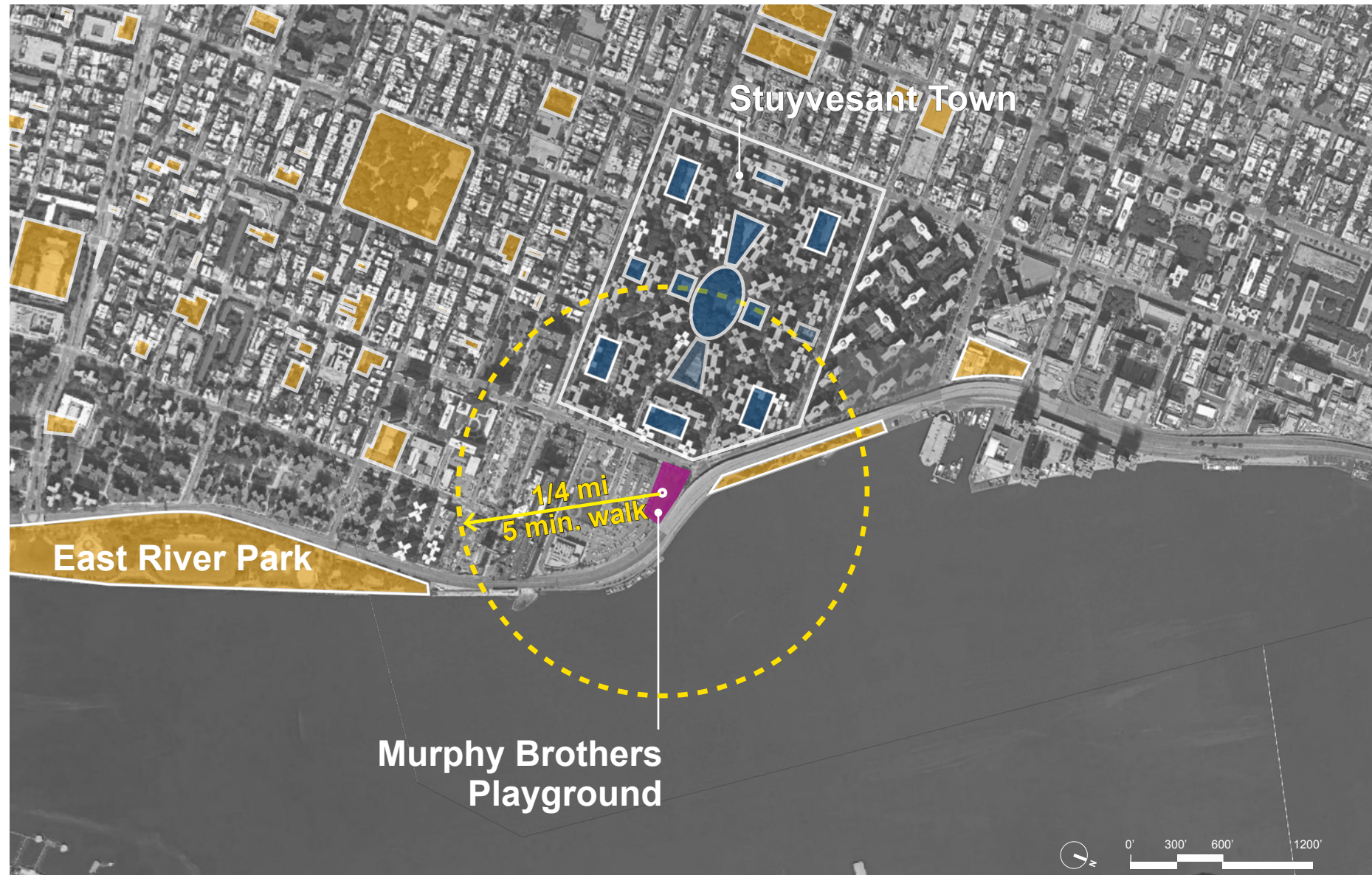


Murphy Brothers Playground



Murphy Brothers Playground

Open Space within the vicinity

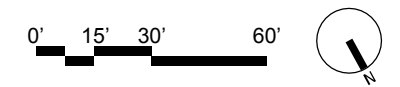


LEGEND

- Public Open Space
- Private Open Space

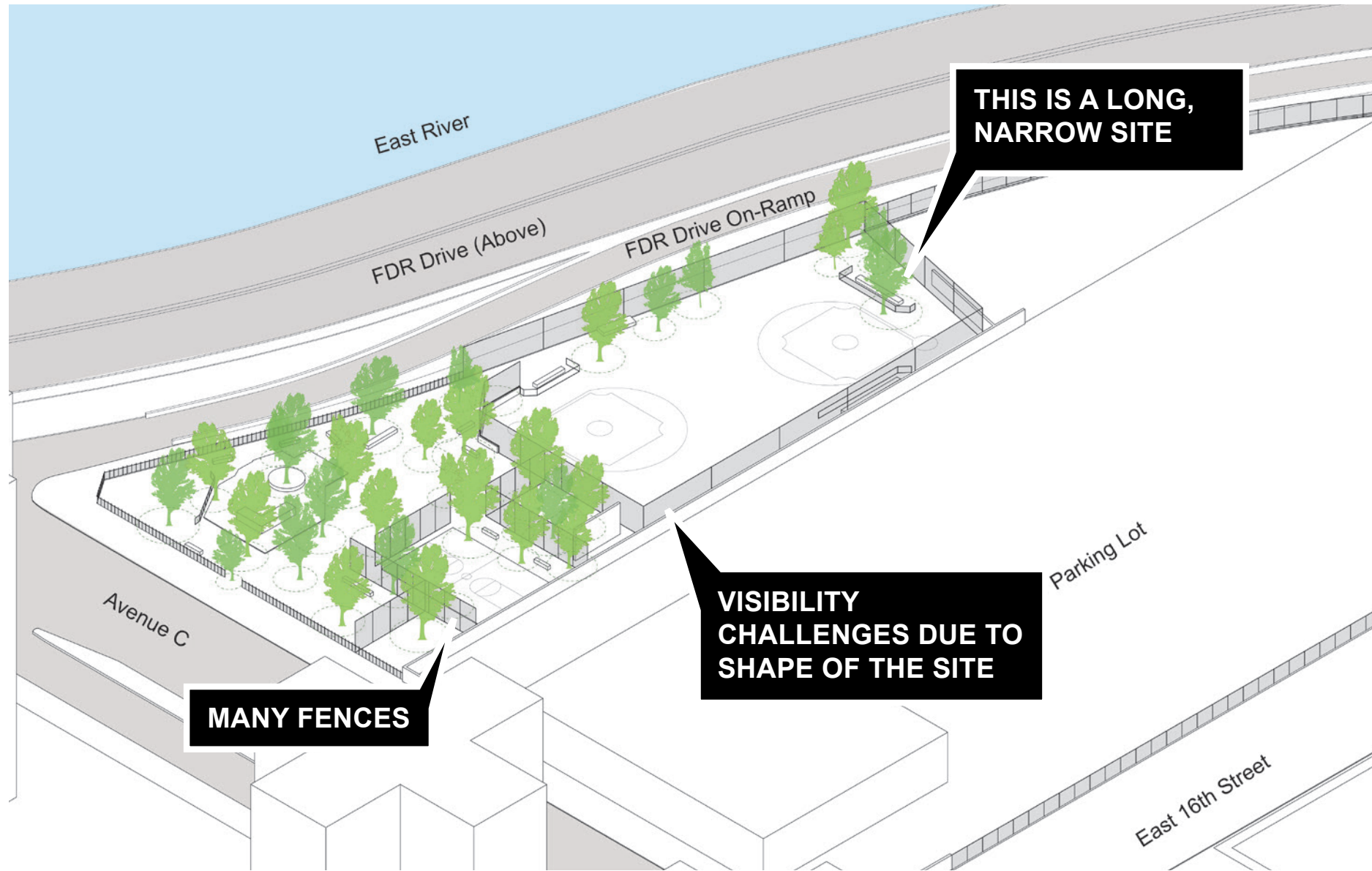
Murphy Brothers Playground

Aerial



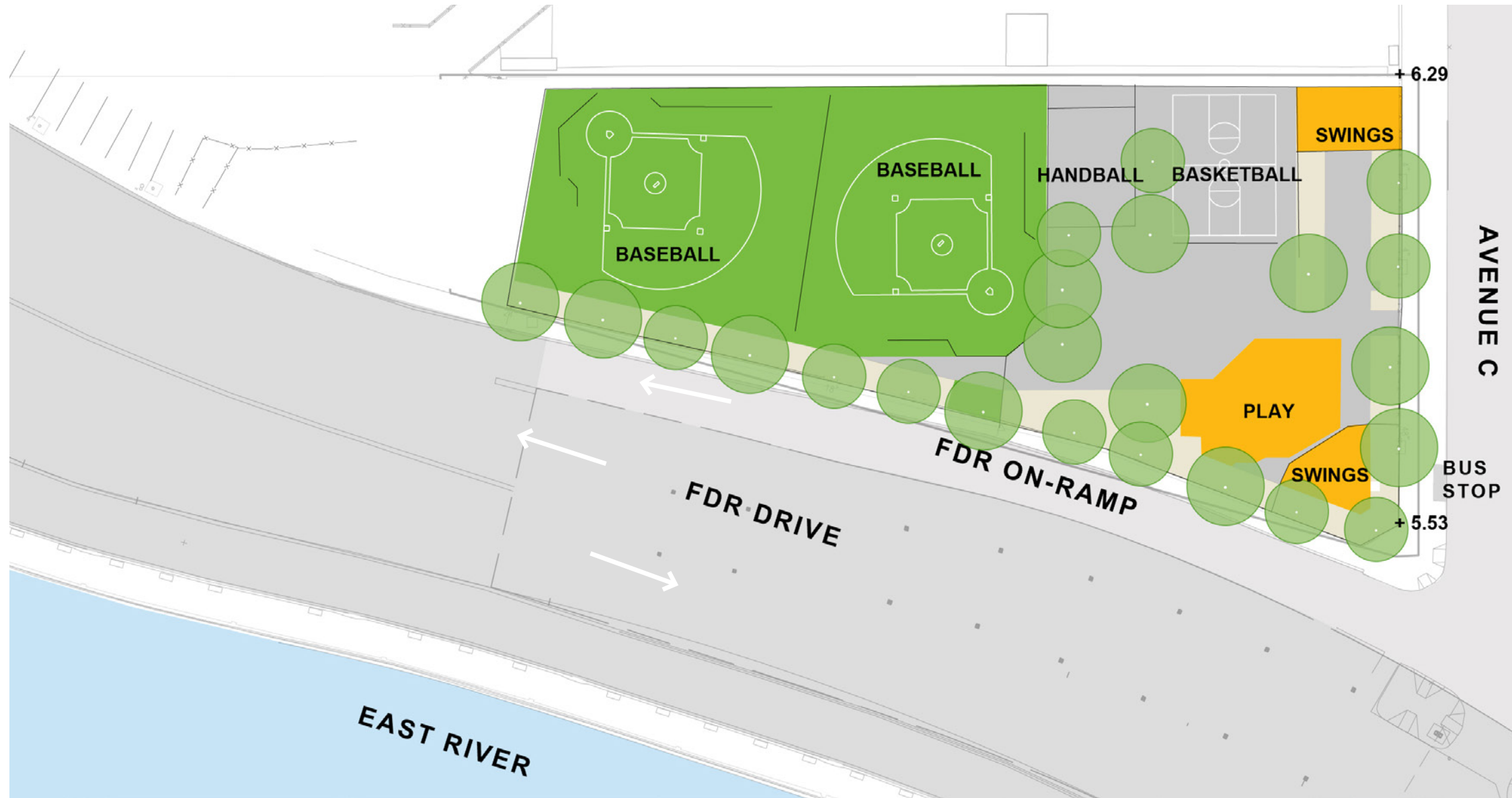
Murphy Brothers Playground

Existing Conditions



Murphy Brothers Playground

Existing Conditions: Program



EXISTING PROGRAM

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



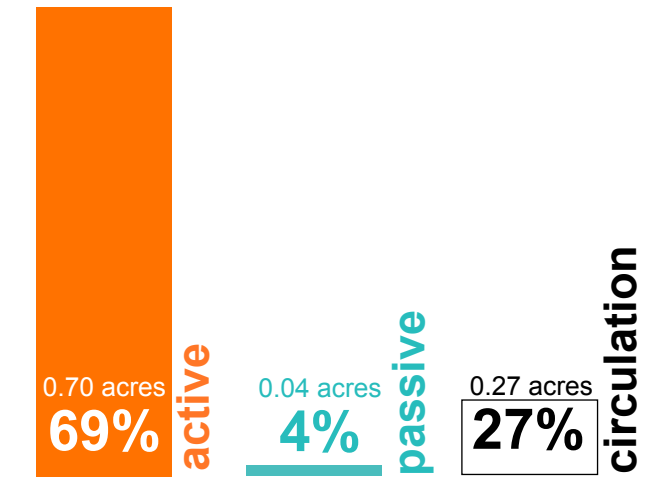
Murphy Brothers Playground

Existing Conditions: Program



EXISTING PROGRAM

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



Total Area 44,310 SF (1.01 AC)



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



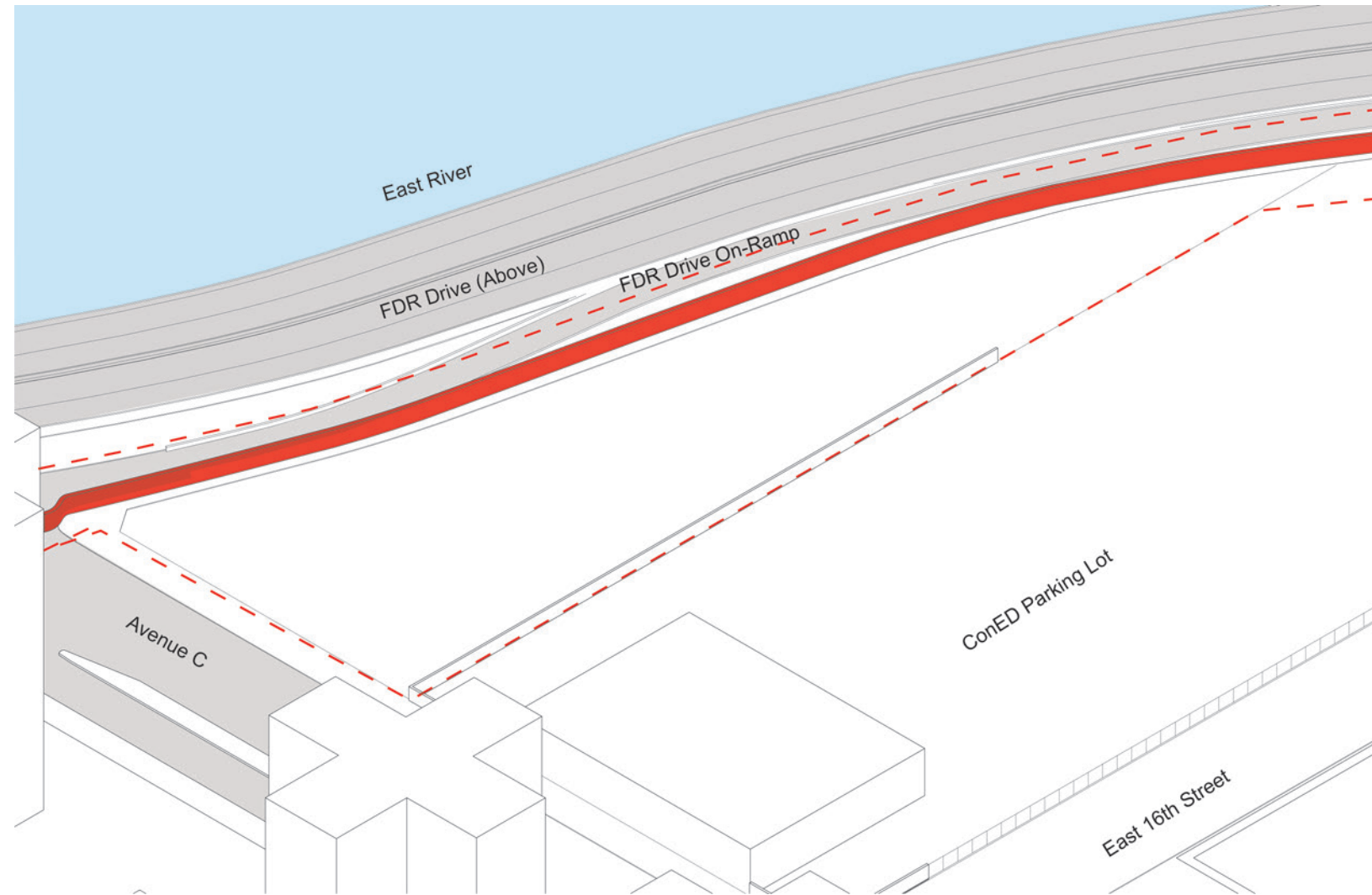
Murphy Brothers Playground

A. Existing Conditions | Site Observations



B. Opportunities + Constraints

C. Design Studies + Program

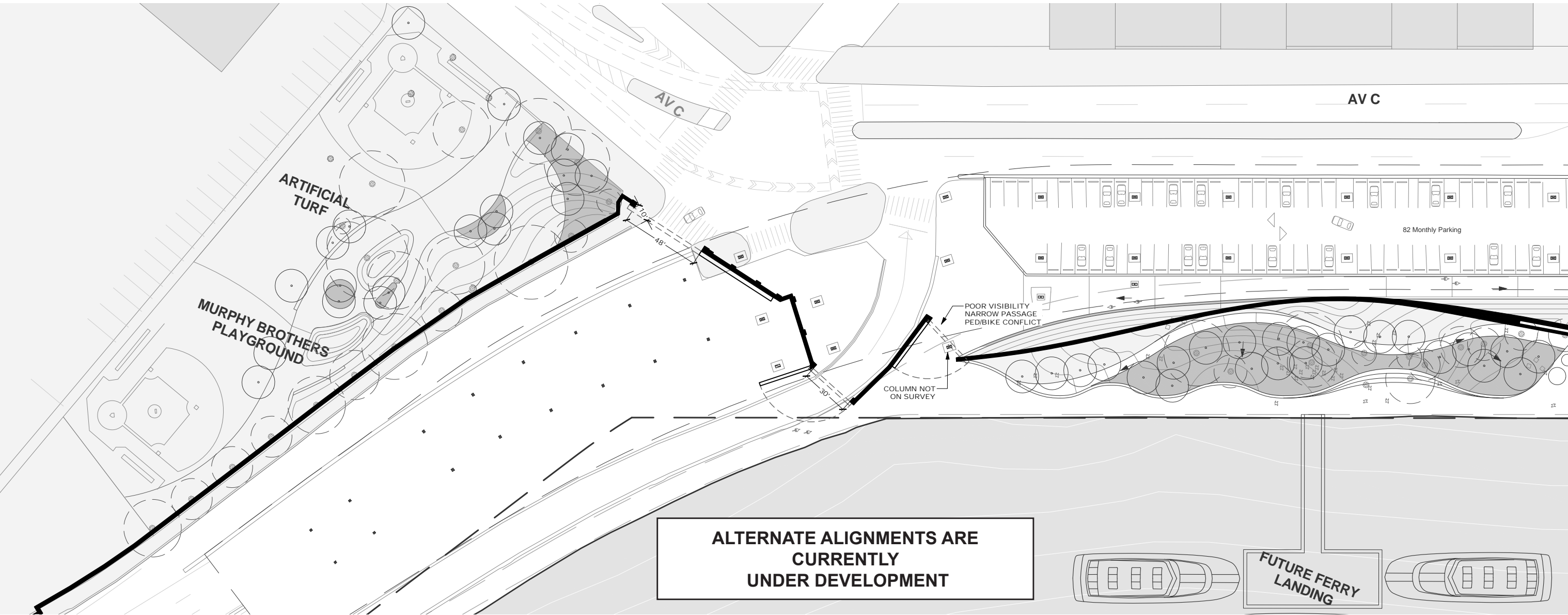
Murphy Brothers Playground Flood Protection Alignment



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

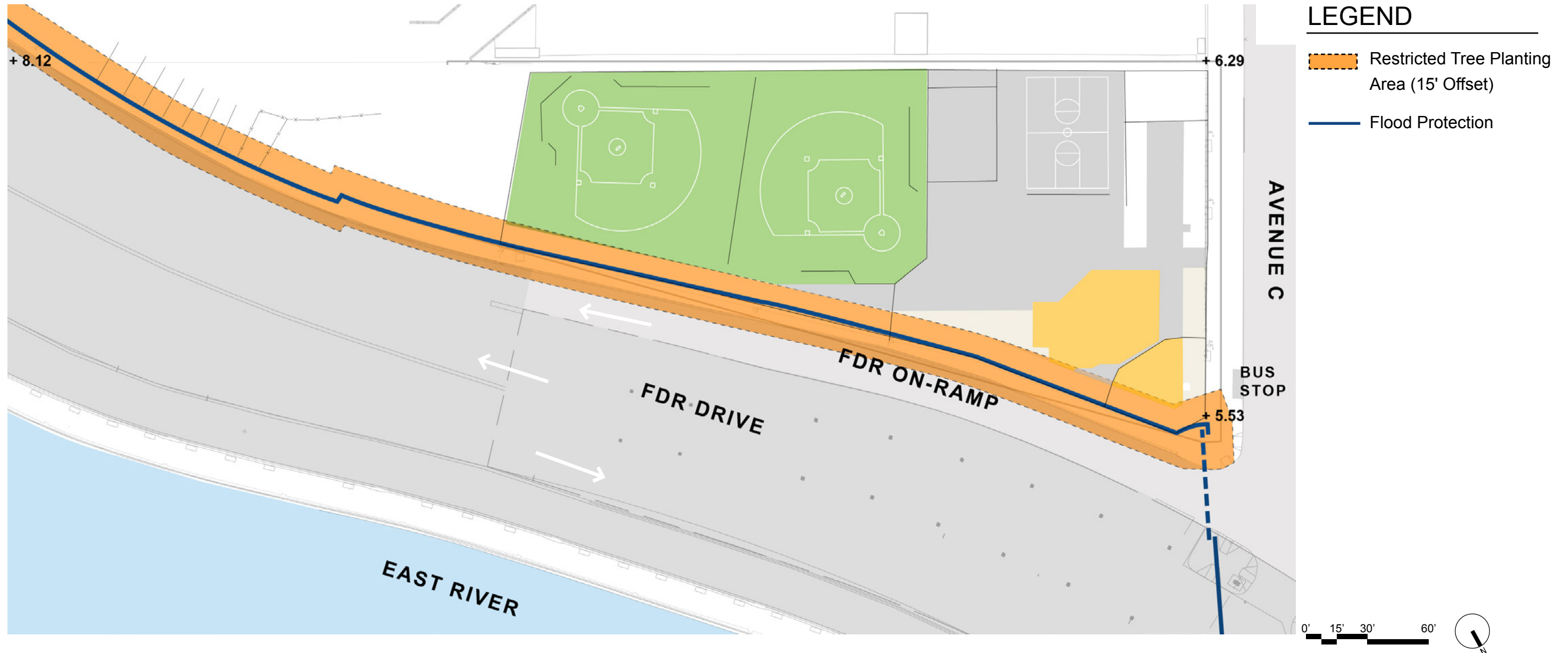


Murphy Brothers Playground Flood Protection Alignment



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

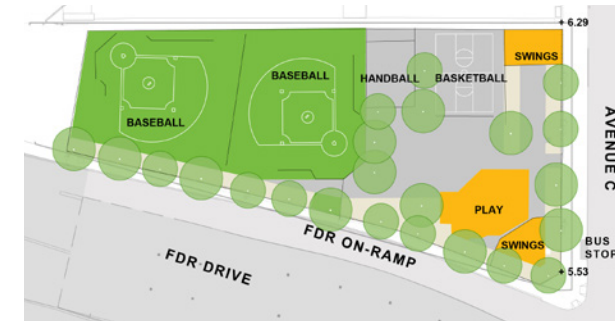
Murphy Brothers Playground

Programming Studies

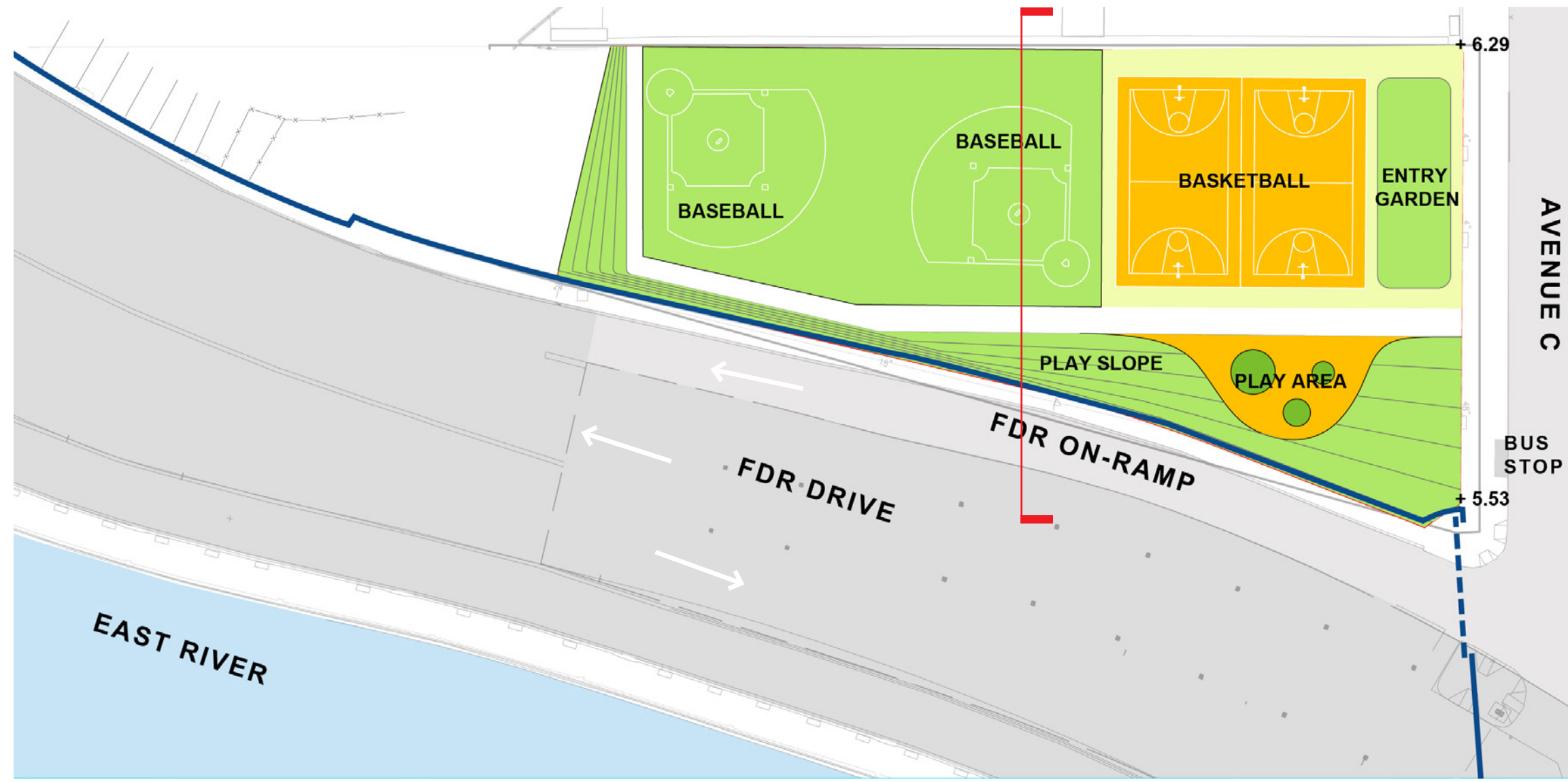
1. Courts and Play
2. Sculpted Play
3. Community Play

Murphy Brothers Playground

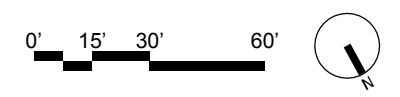
Program Study 1 - Courts and Play



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

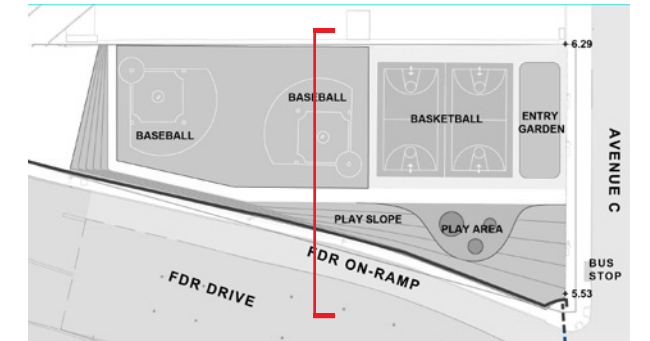
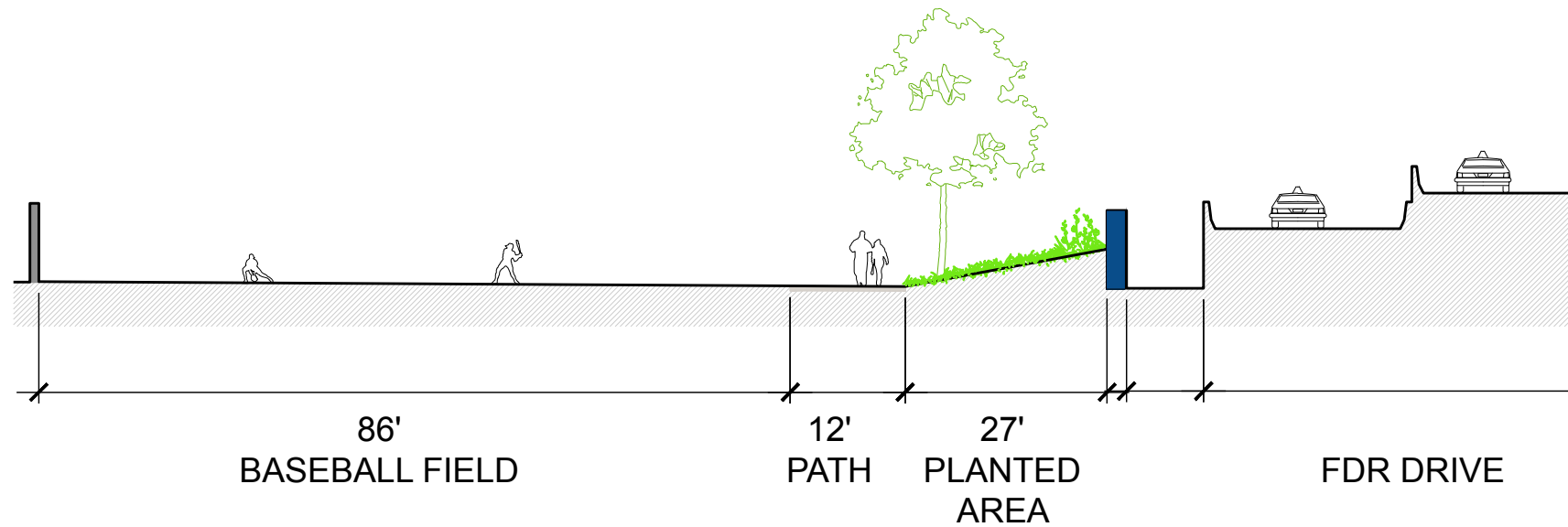


- LEGEND**
- Flood Protection



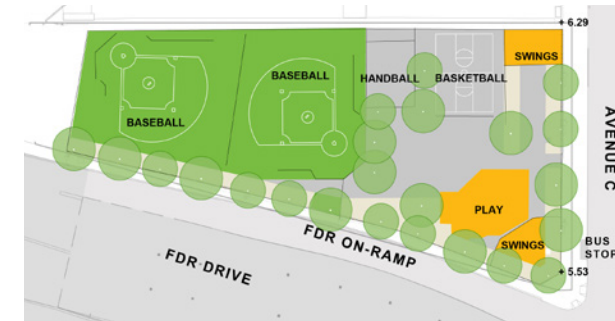
Murphy Brothers Playground

Program Study 1 - Courts and Play



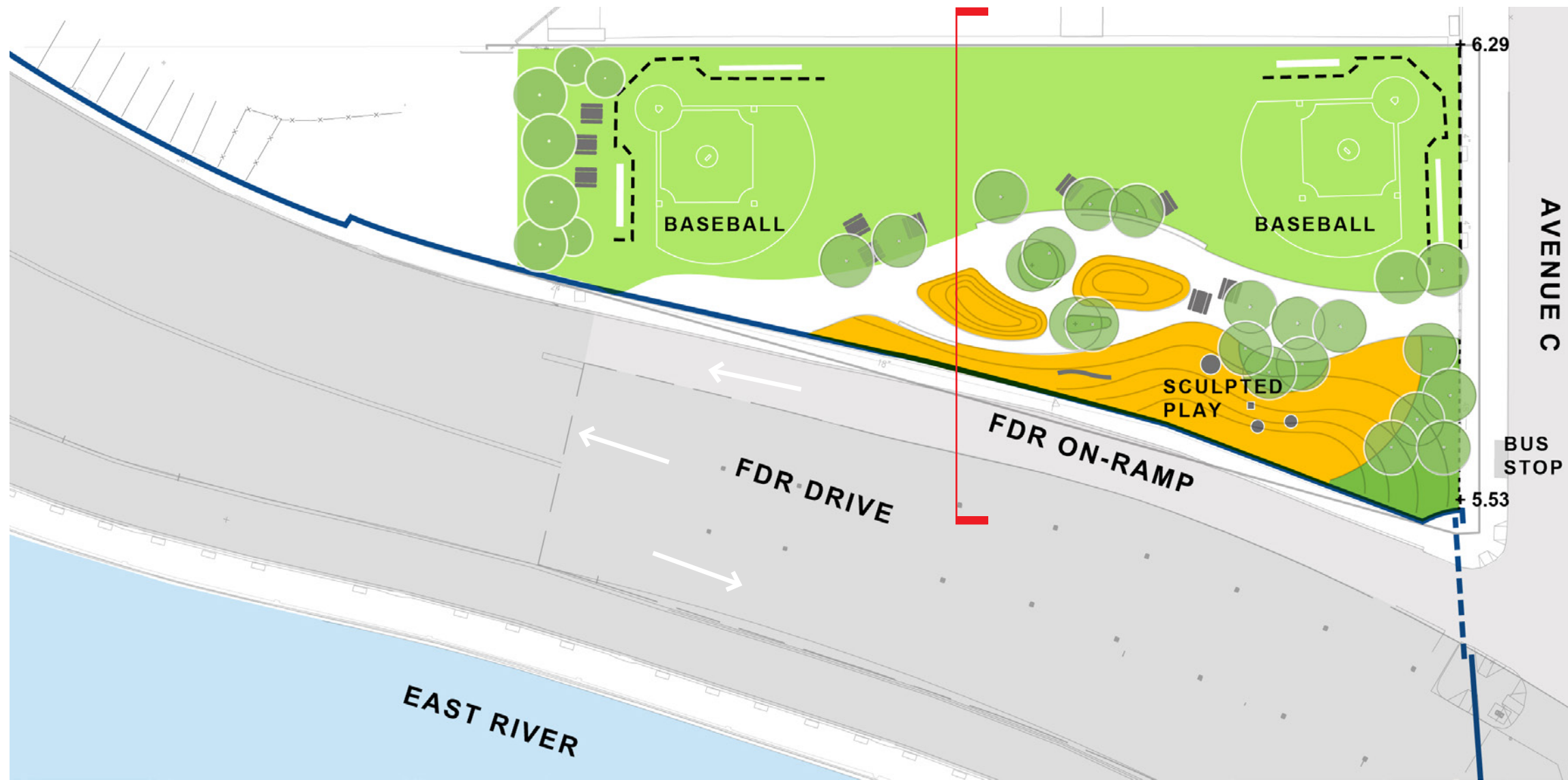
Murphy Brothers Playground

Program Study 2 - Sculpted Play



EXISTING PROGRAM

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

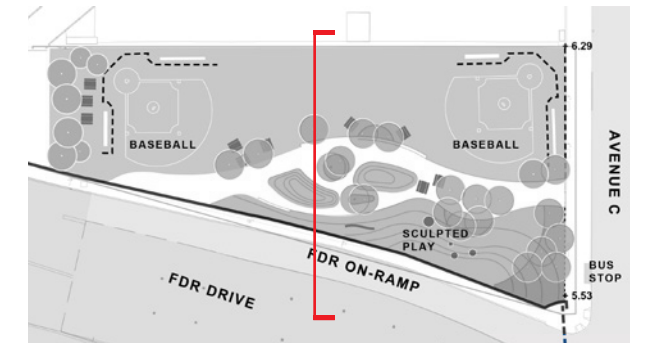
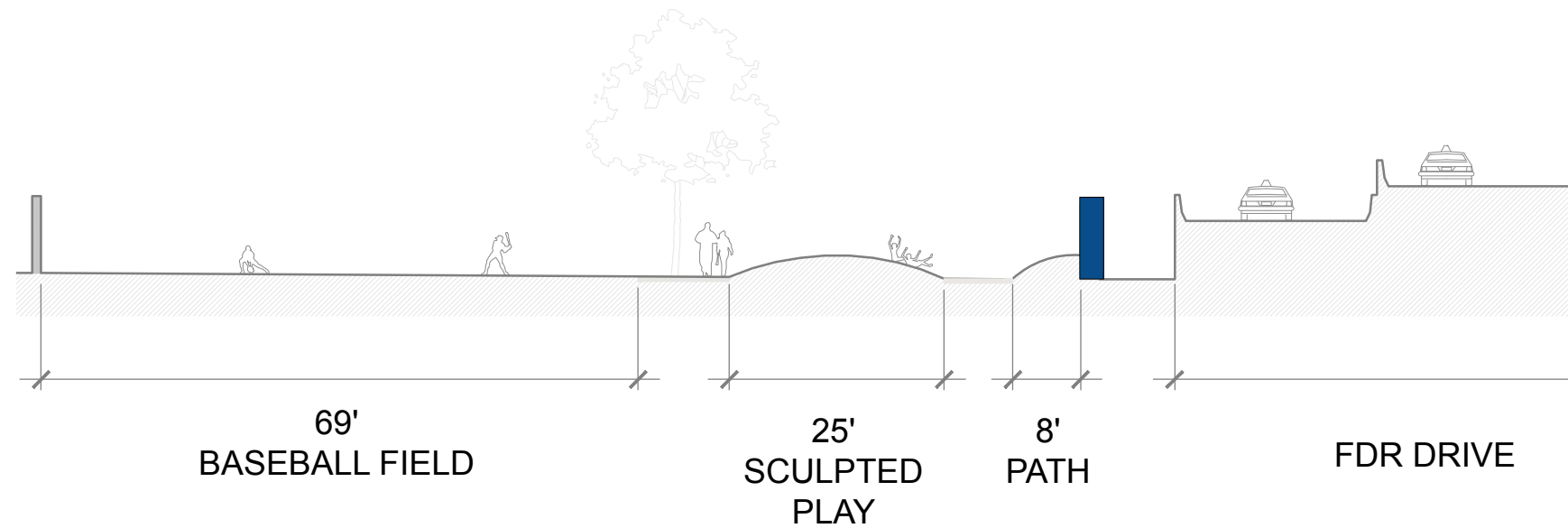


LEGEND

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

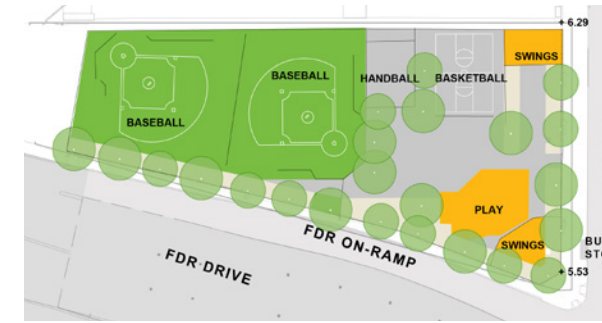
Murphy Brothers Playground

Program Study 2 - Sculpted Play



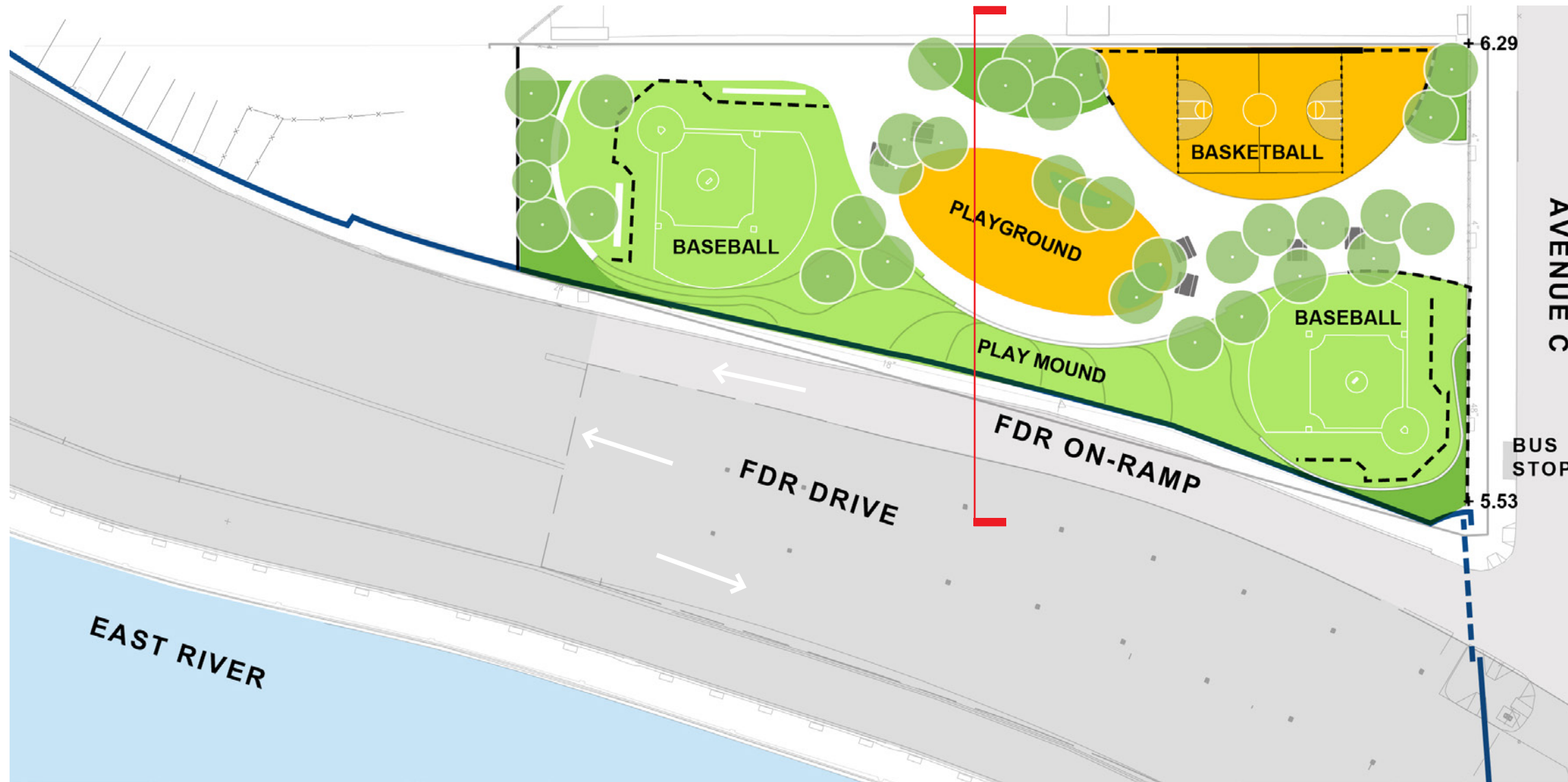
Murphy Brothers Playground

Program Study 3 - Community Play



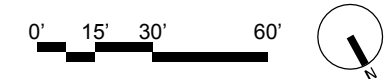
EXISTING PROGRAM

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



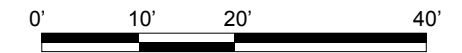
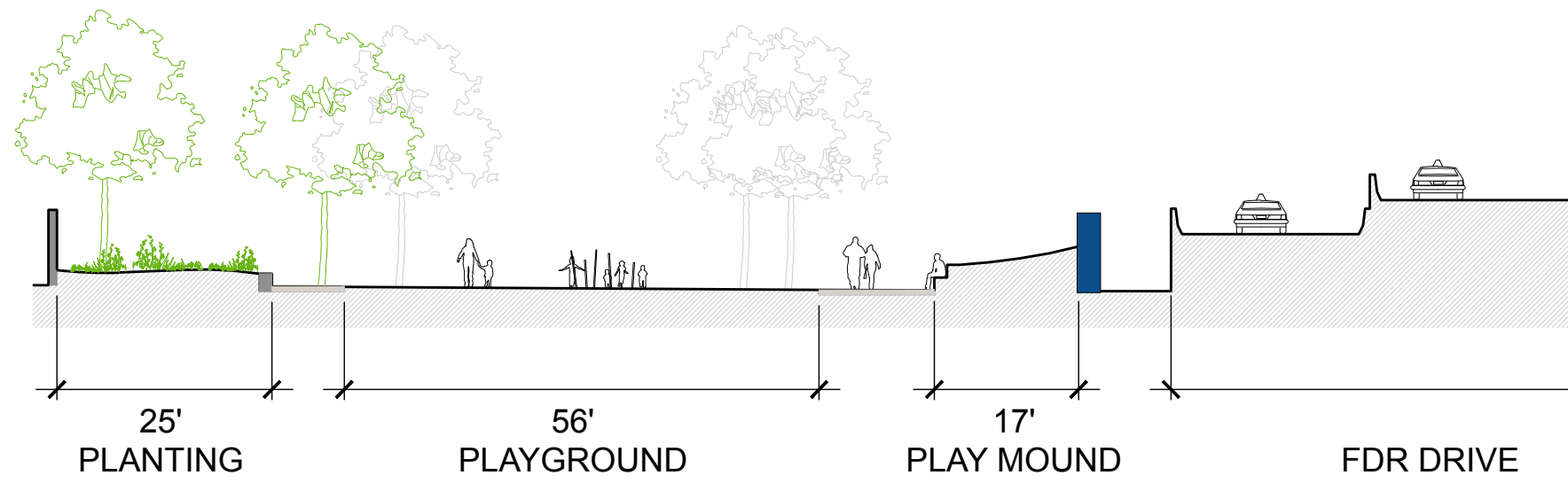
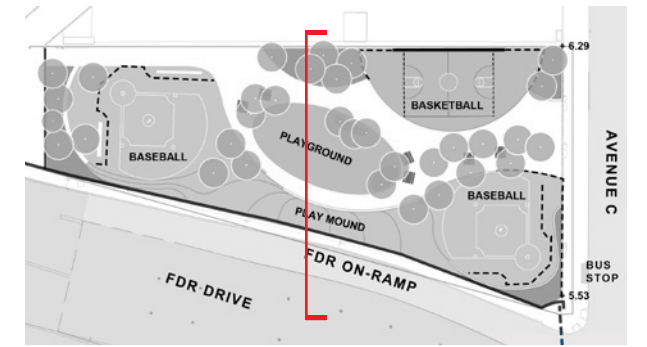
LEGEND

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



Murphy Brothers Playground

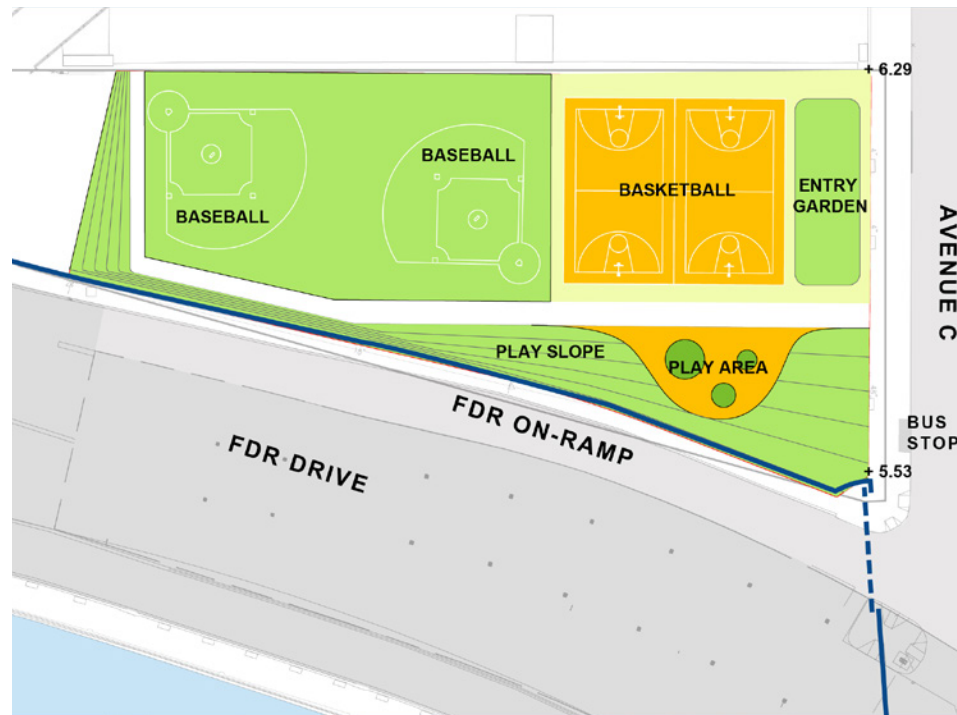
Program Study 3 - Community Play



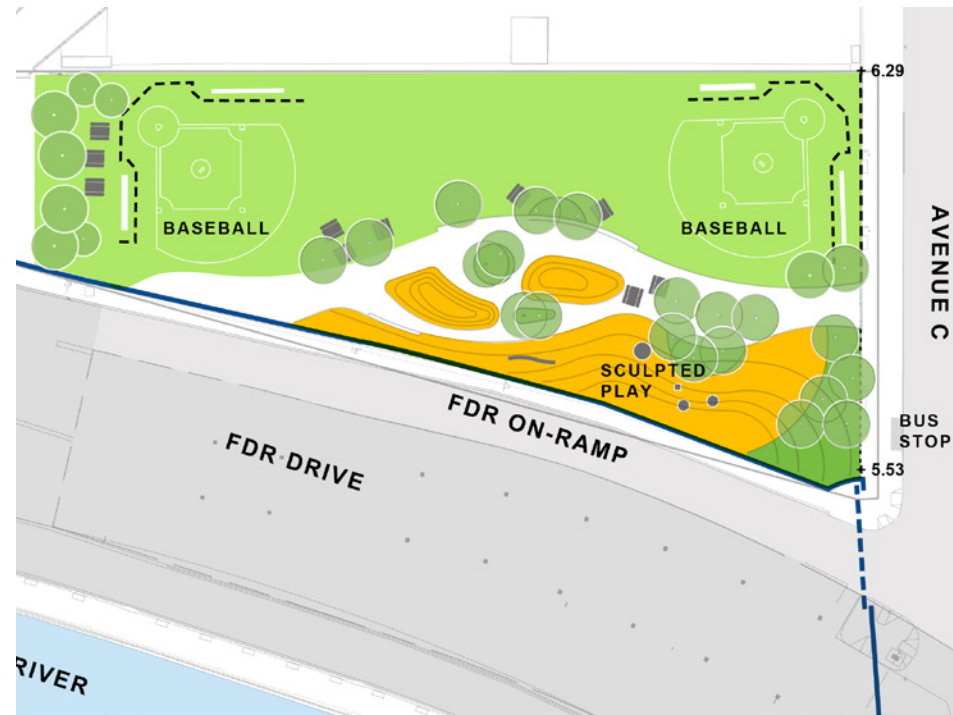
Murphy Brothers Playground

Program Studies

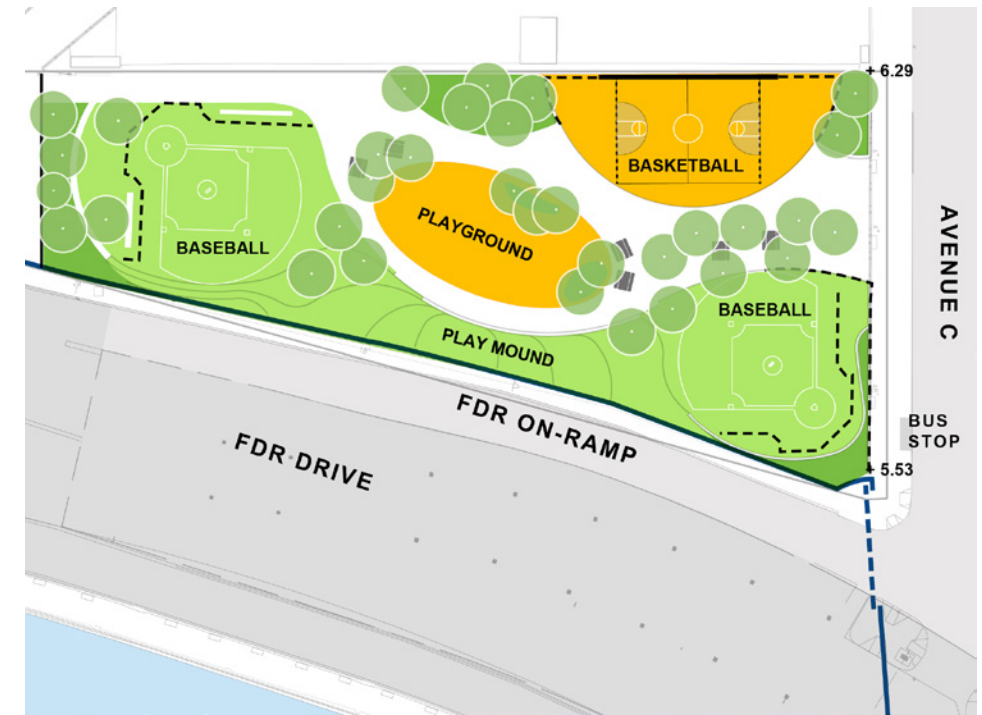
- Baseball Fields
- Basketball
- Playgrounds
- Free Play
- Picnic Areas
- Seating Areas
- Ornamental Plantings
- Open Lawn
- Other?



Courts and Play



Sculpted Play



Community Play

Asser Levy Playground

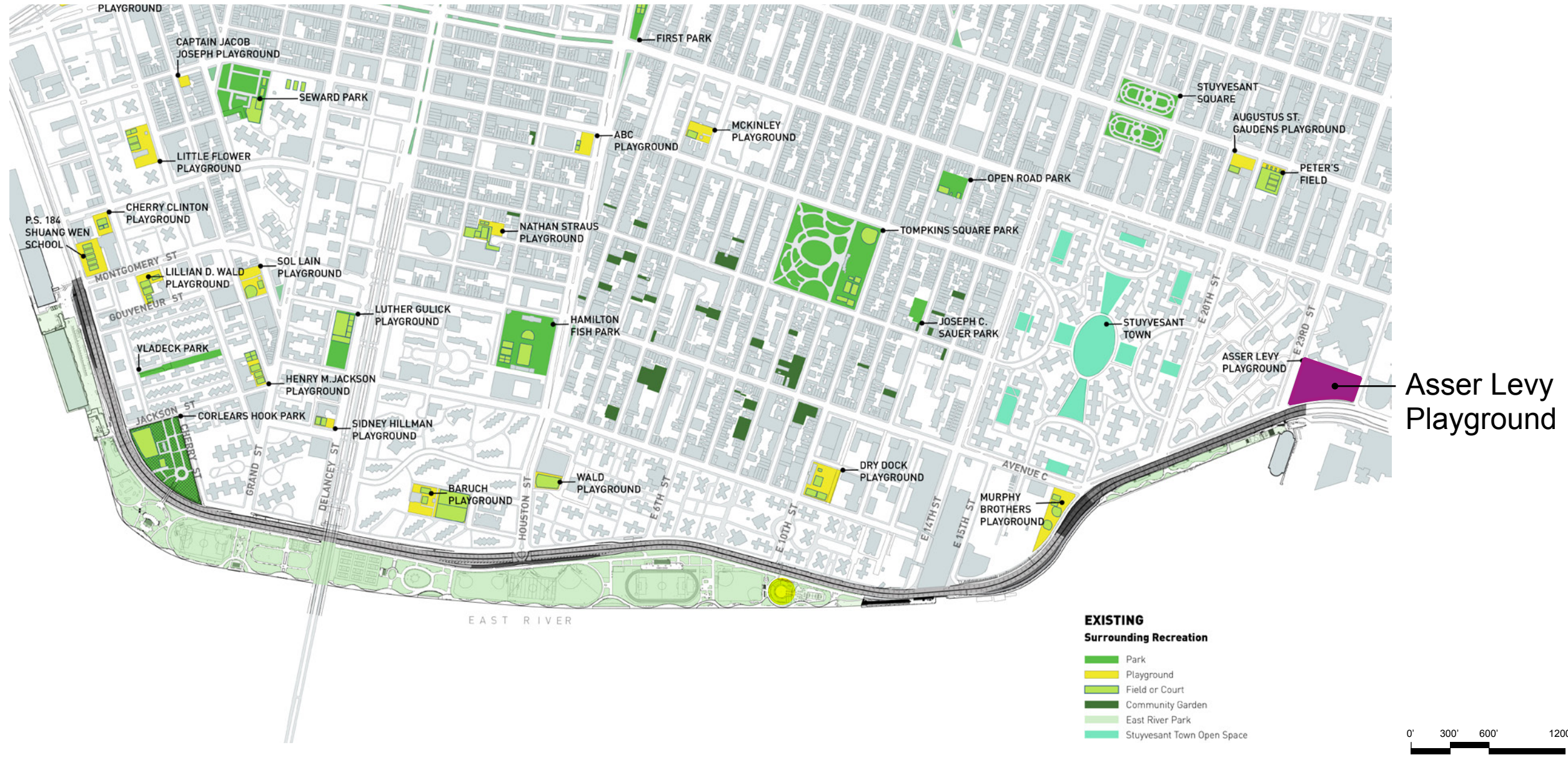
A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

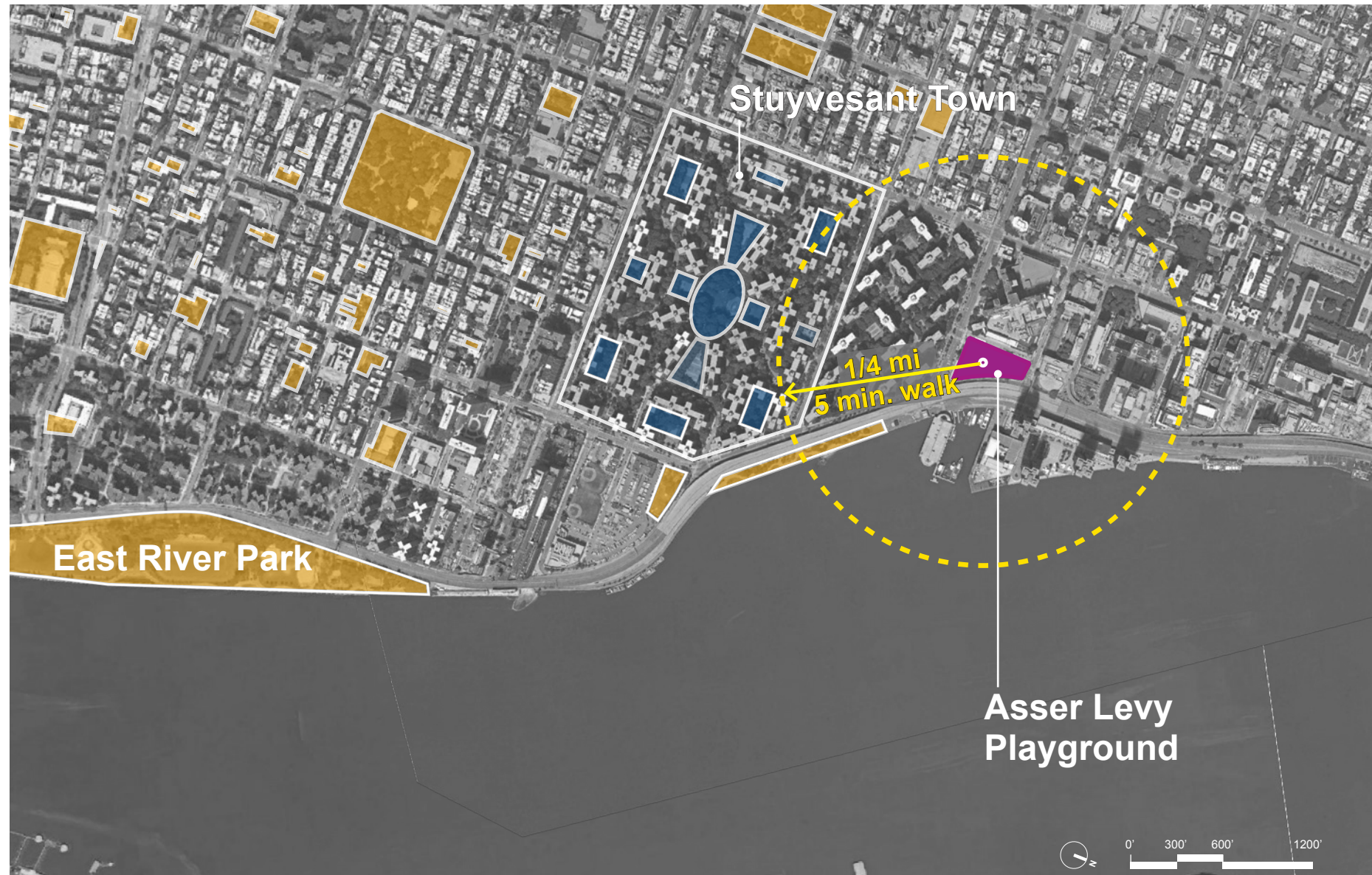
Asser Levy Playground

Context



Murphy Brothers Playground

Open Space within the vicinity

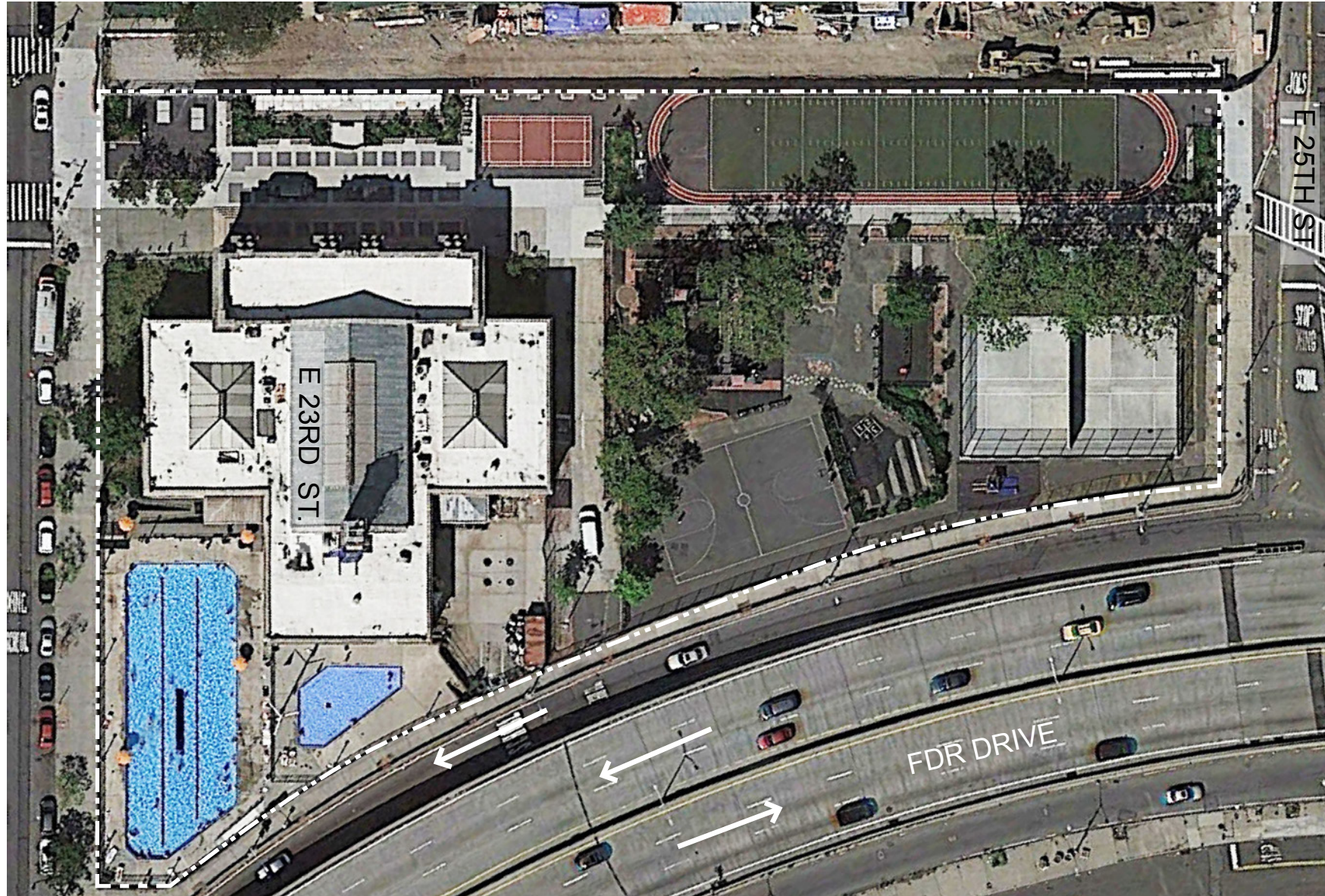


LEGEND

- Public Open Space
- Private Open Space

Asser Levy Playground

Aerial

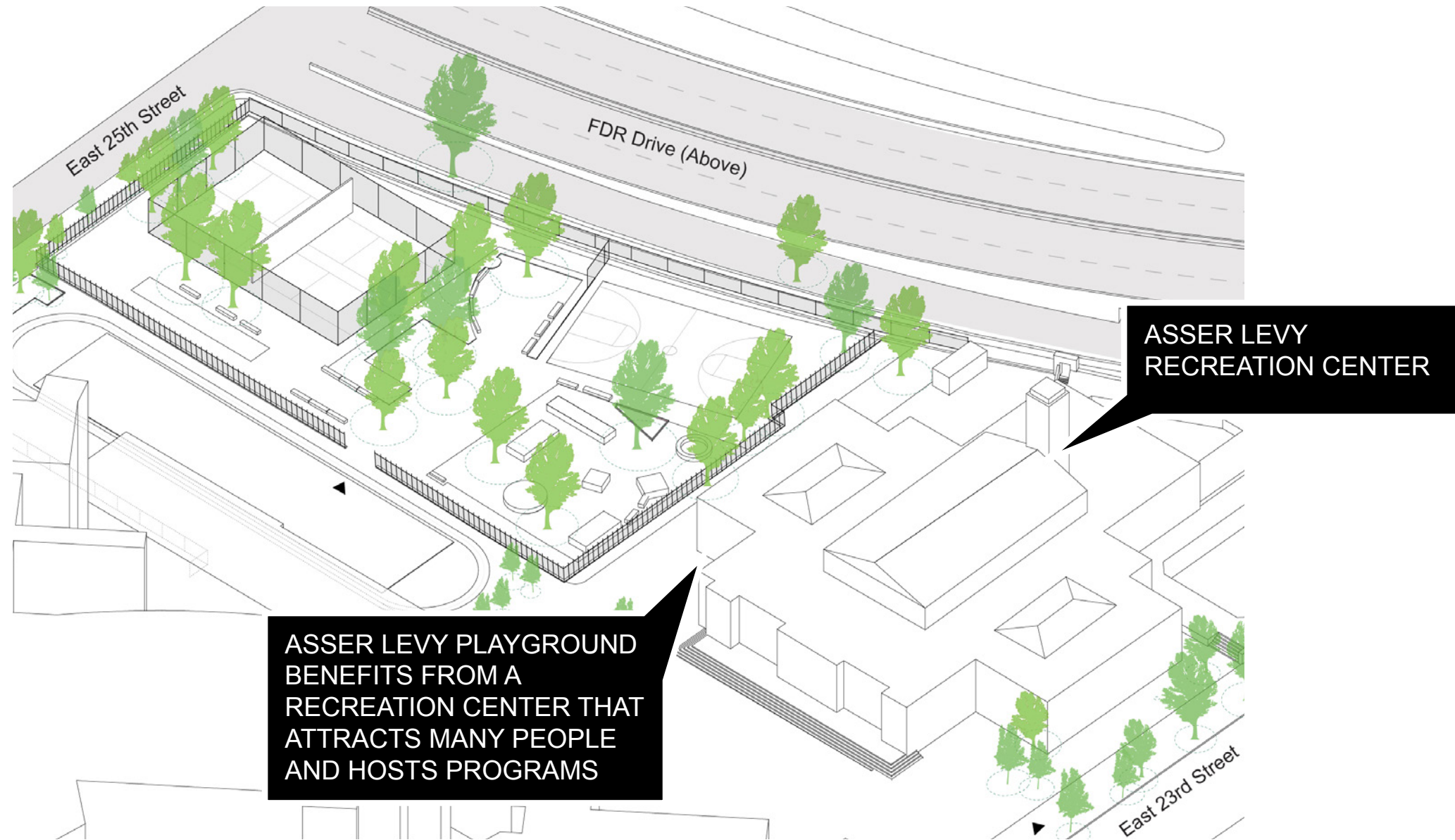


0' 15' 30' 60'



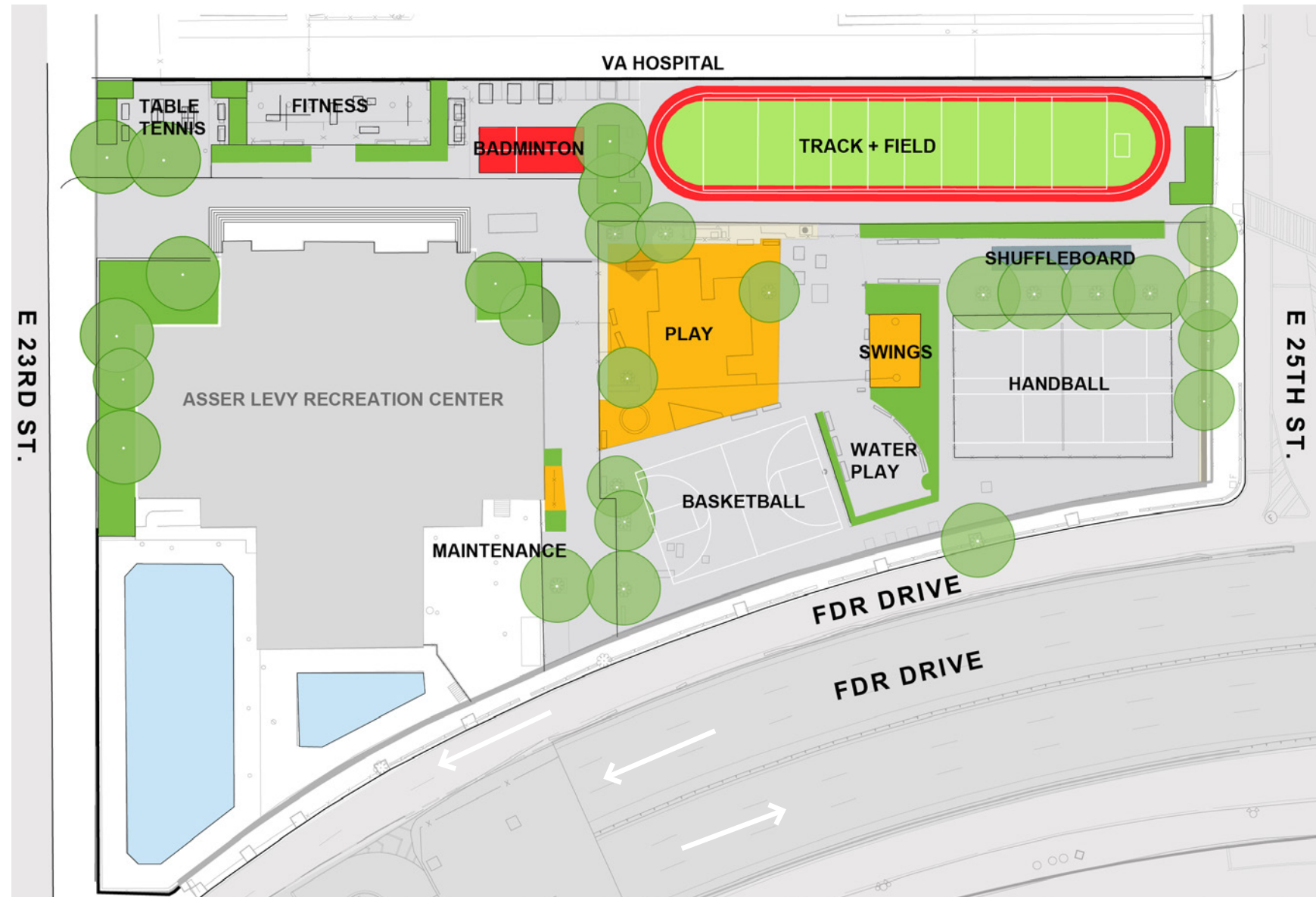
Asser Levy Playground

Existing Conditions



Asser Levy Playground

Existing Conditions: Program

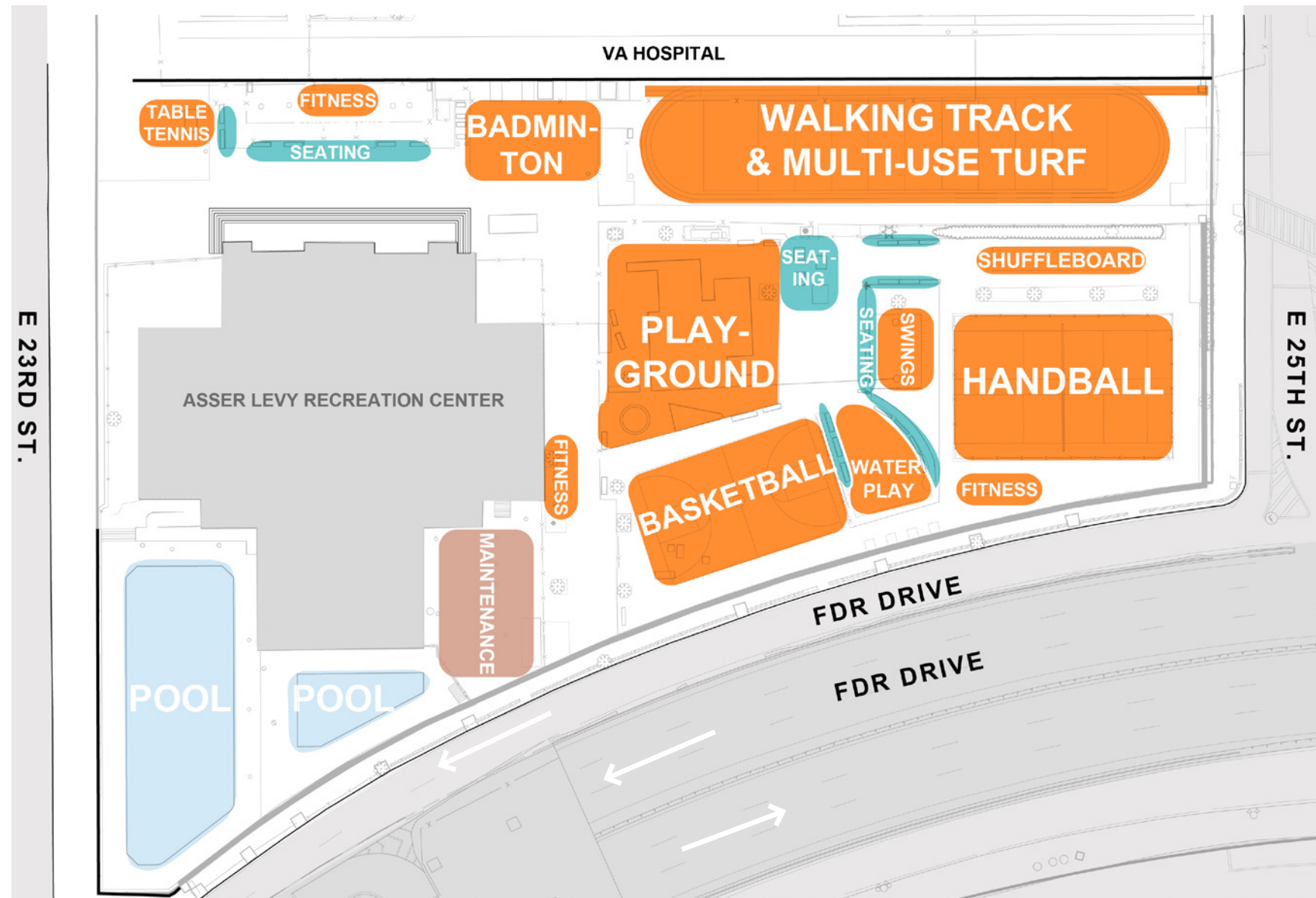


EXISTING PROGRAM

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

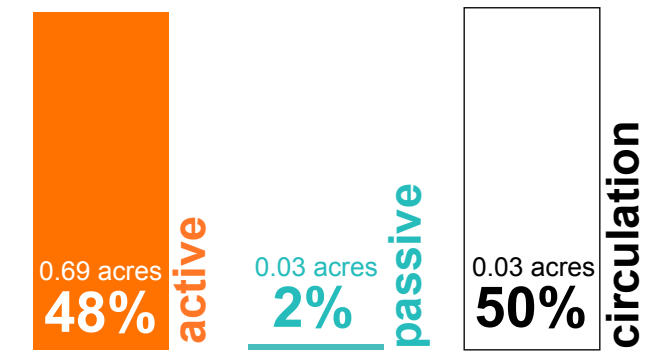
Asser Levy Playground

Existing Conditions: Program



EXISTING PROGRAM

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- Basketball Court (1)
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- Badminton Court (1)
- Swing Sets (1)
- 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



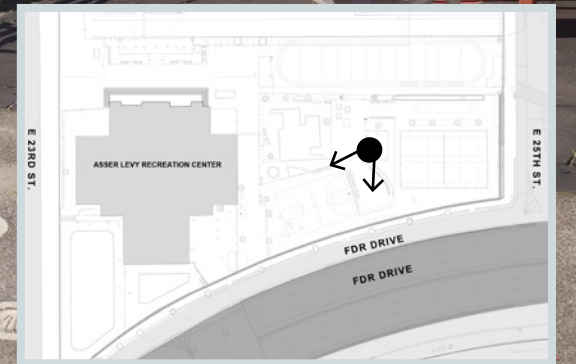
Asser Levy Playground

Site Photos



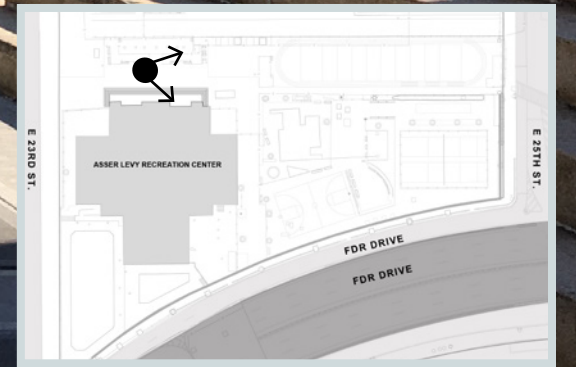
Asser Levy Playground

Site Photos



Asser Levy Playground

Site Photos



Asser Levy Playground

Existing Conditions



Asser Levy Playground

Existing Conditions



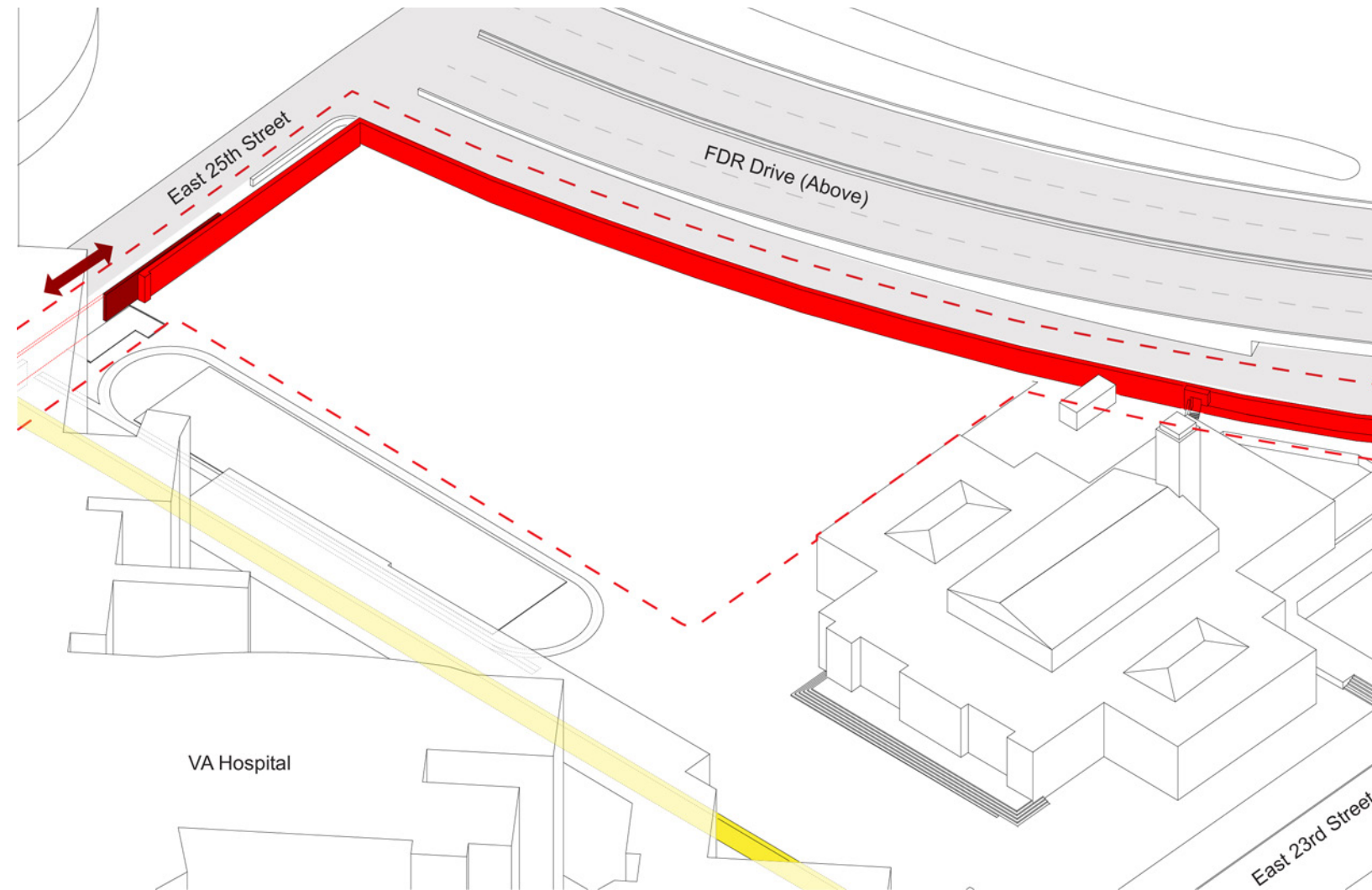
Asser Levy Playground

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

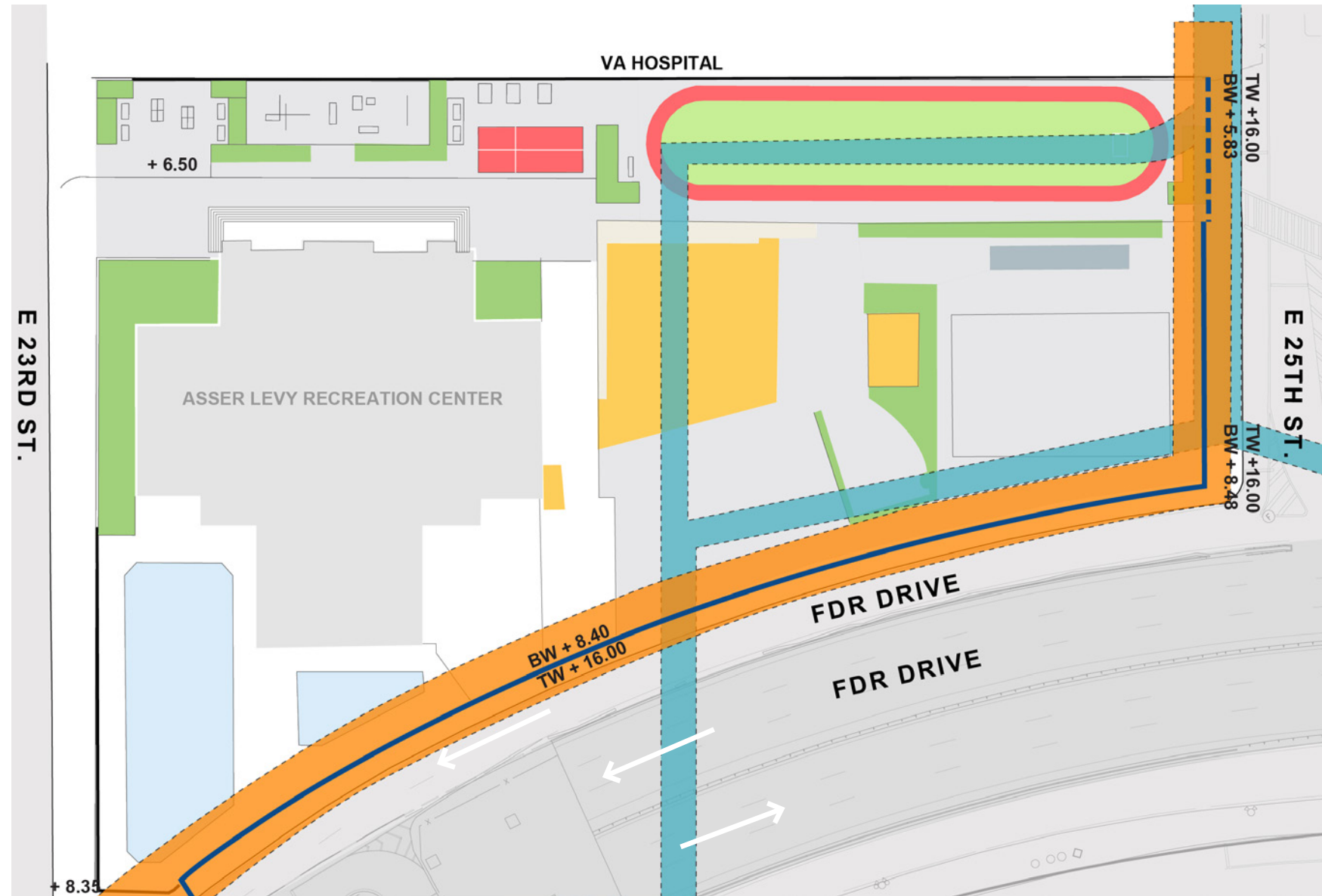


Asser Levy Playground

Flood Protection Alignment



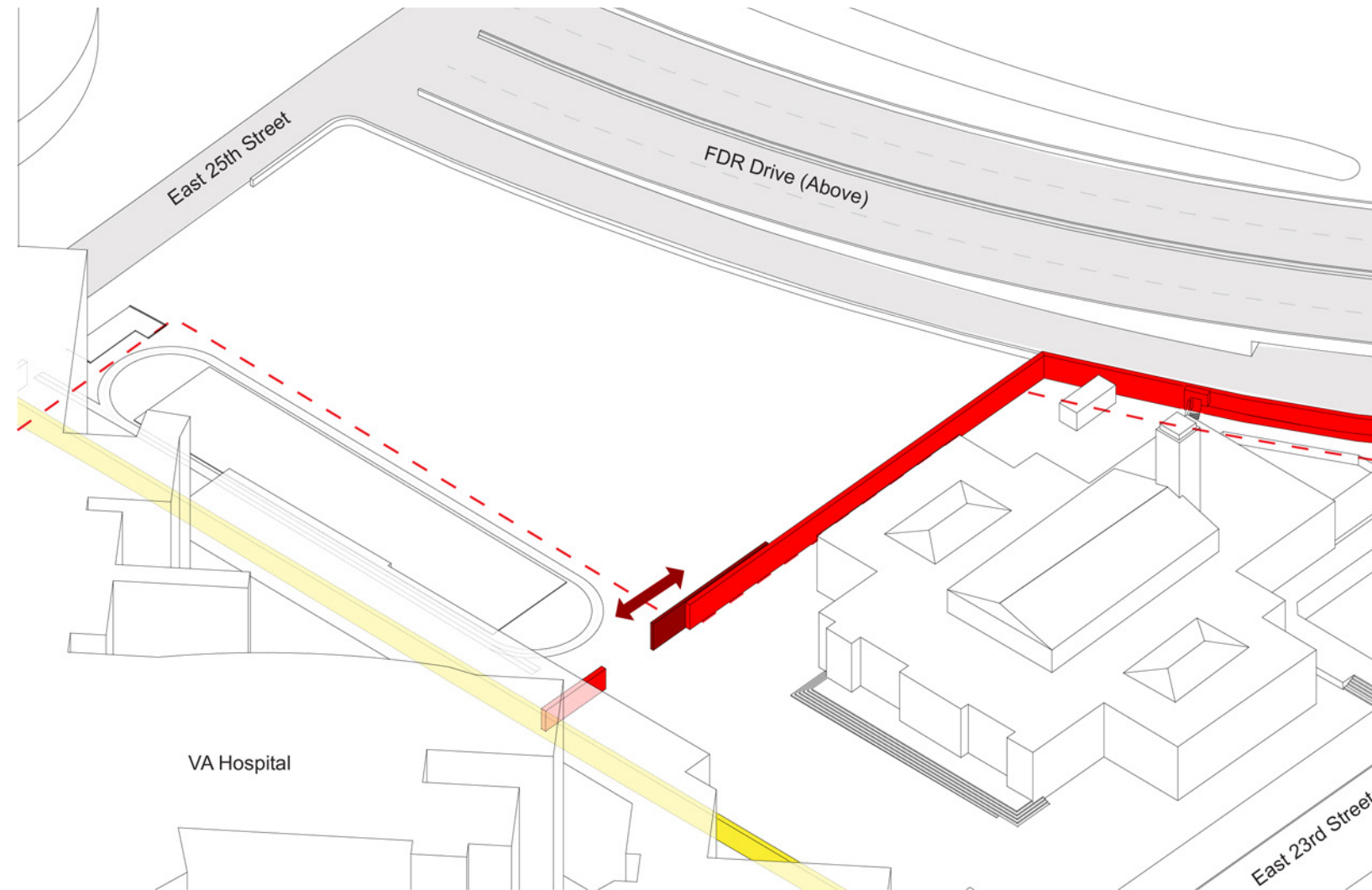
Asser Levy Playground Planting Restrictions






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



Asser Levy Playground Flood Protection Alignment Study

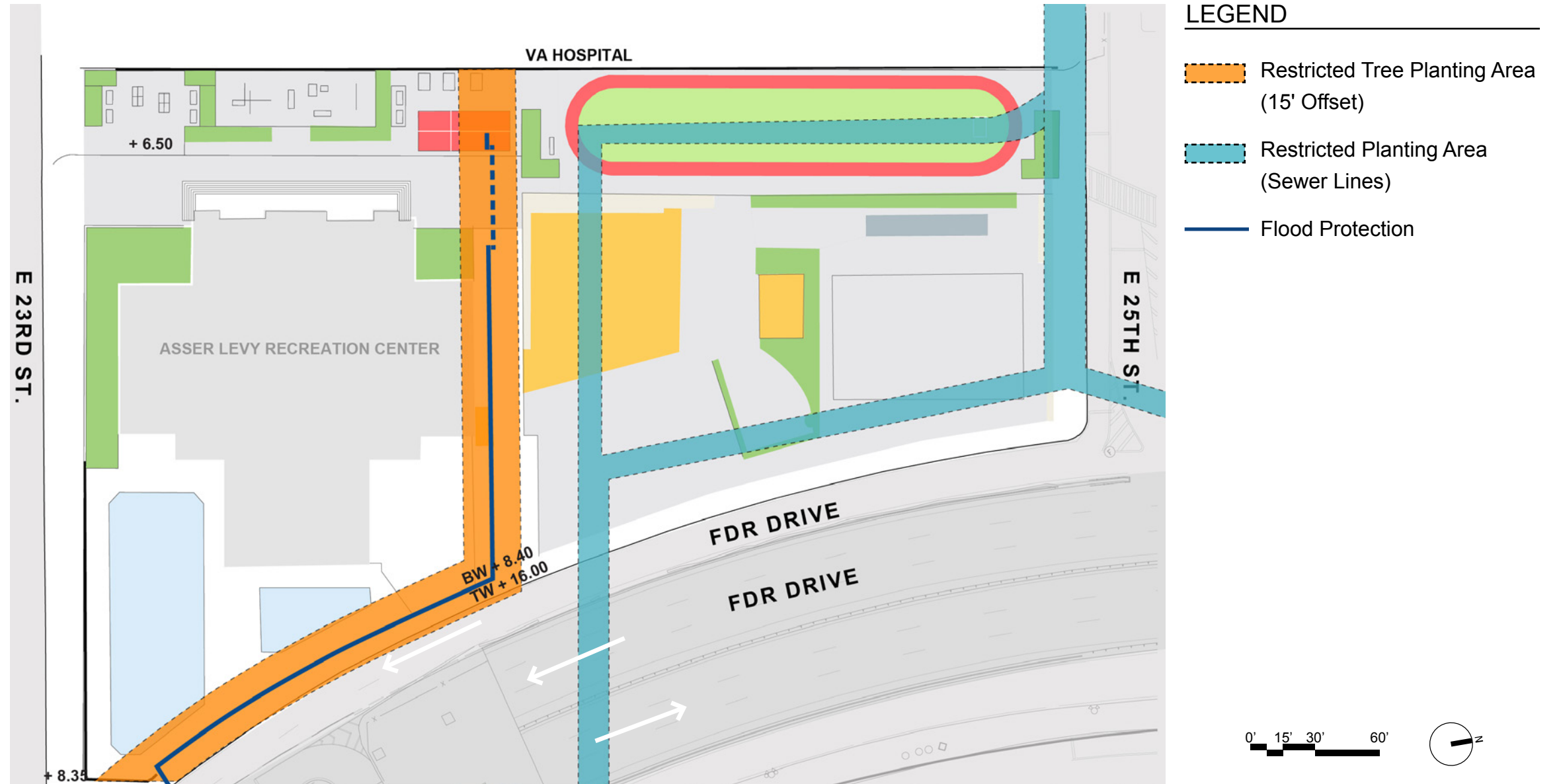


LEGEND

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

Asser Levy Playground

Planting Restrictions



Asser Levy Playground

A. Existing Conditions | Site Observations

B. Opportunities + Constraints

C. Design Studies + Program

Asser Levy 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

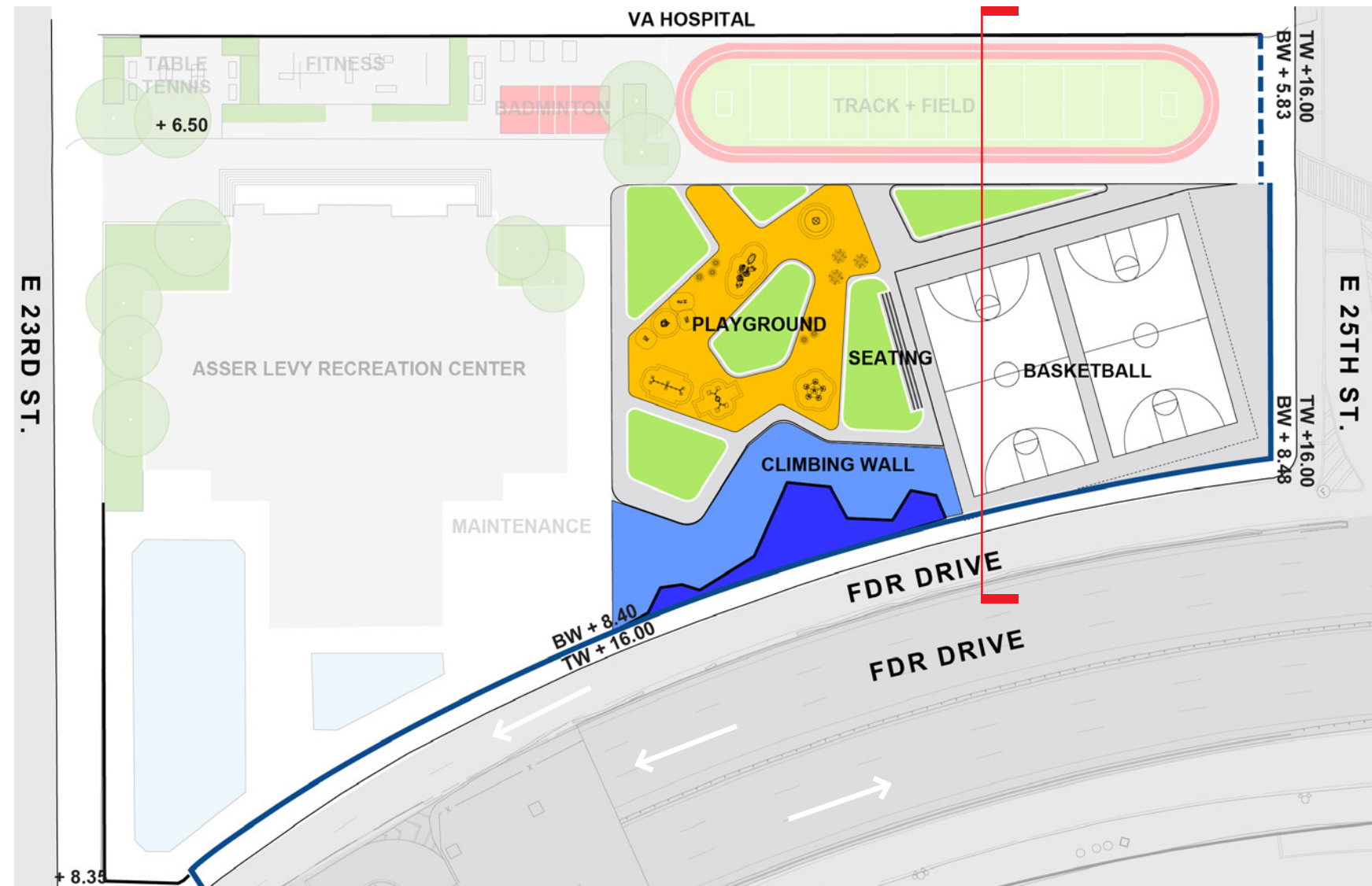
Asser Levy Playground

Programming Studies

1. Courts and Play
2. Play Pockets

Asser Levy Playground

Program Study 1 - Courts and Play



EXISTING PROGRAM

To Remain:

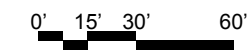
- Track and Field (1)
- Badminton Court (1)
- Table Tennis (2)

For Consideration:

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

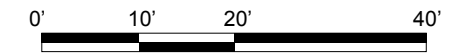
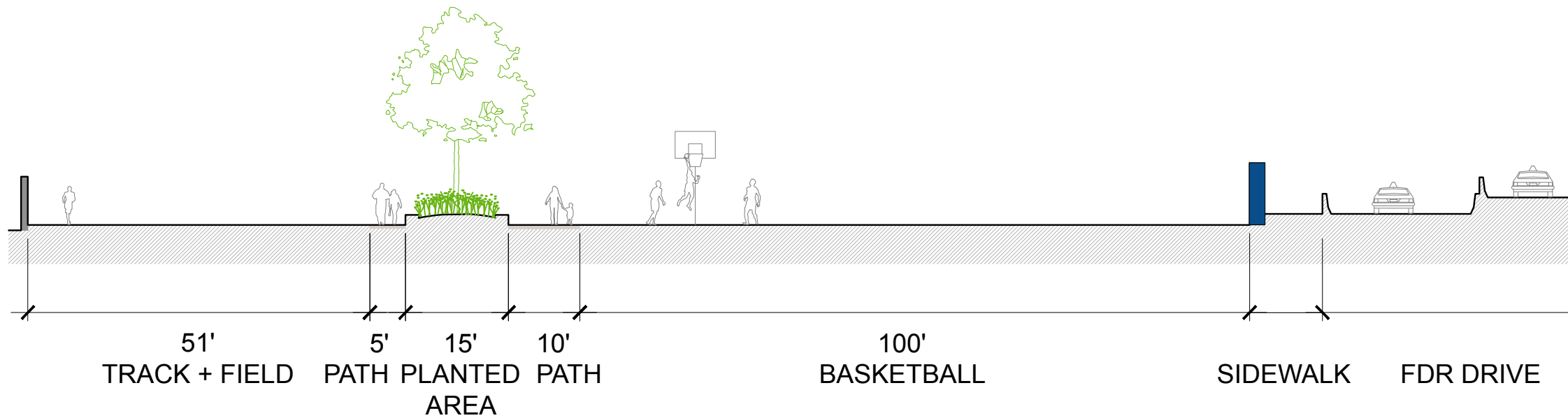
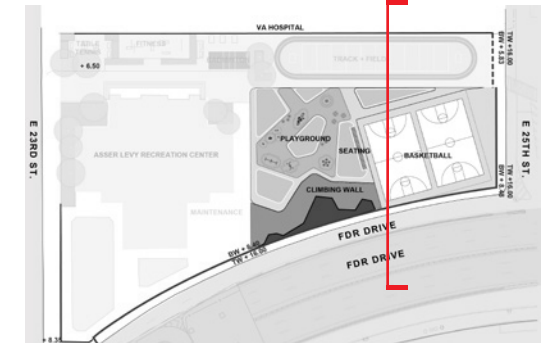
LEGEND

— Flood Protection



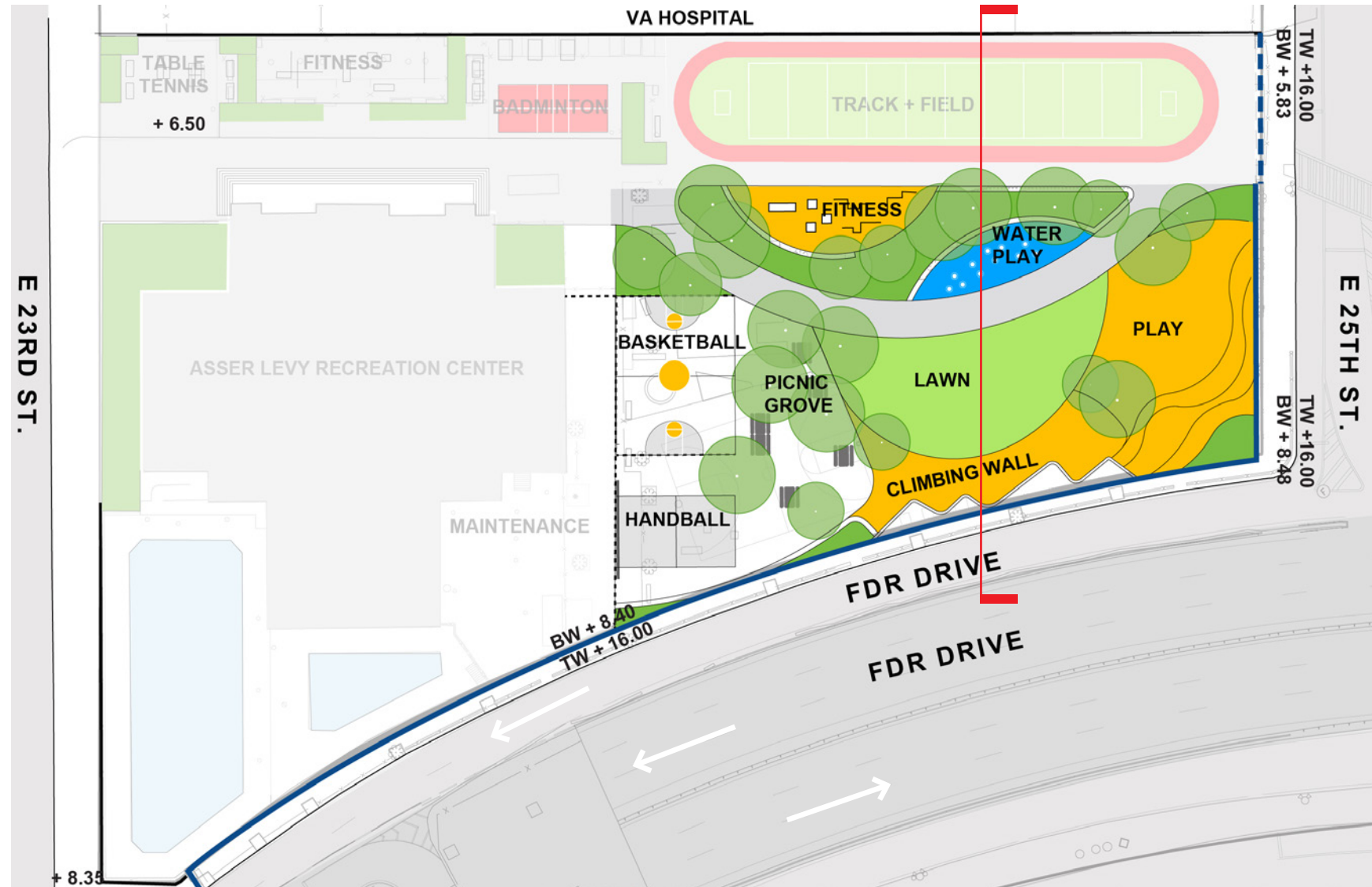
Asser Levy Playground

Program Study 1 - Courts and Play



Asser Levy Playground

Program Study 2 - Play Pockets



EXISTING PROGRAM

To Remain:

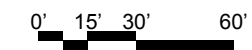
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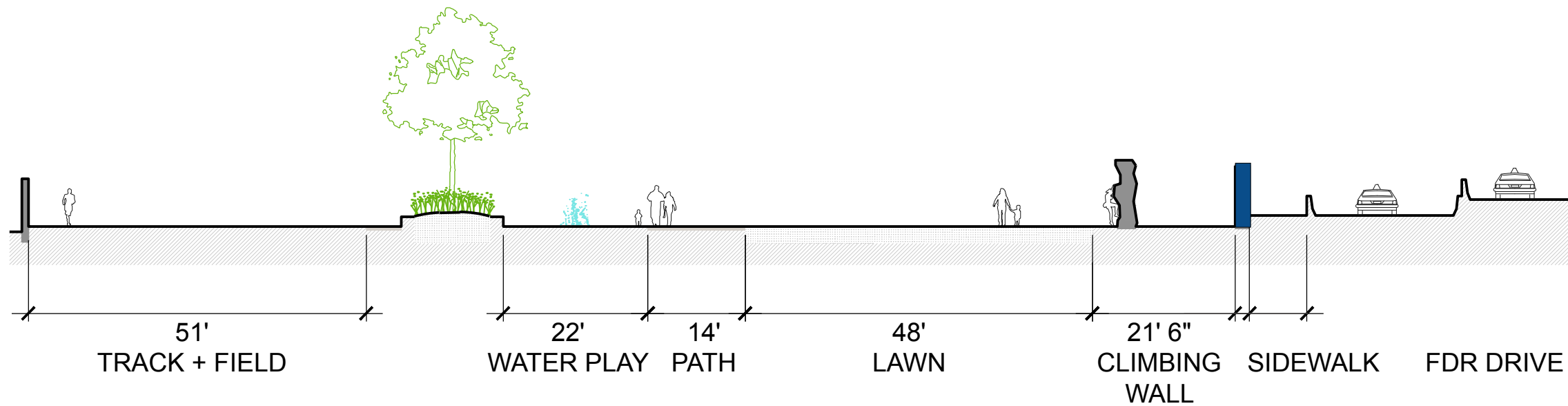
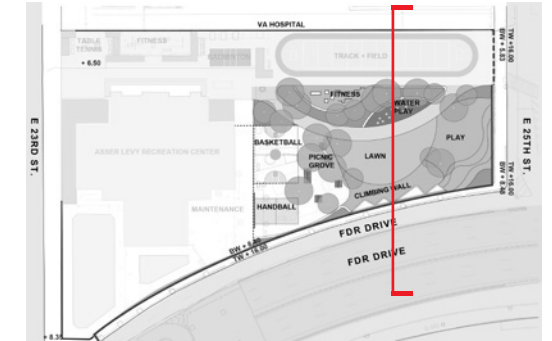
LEGEND

— Flood Protection



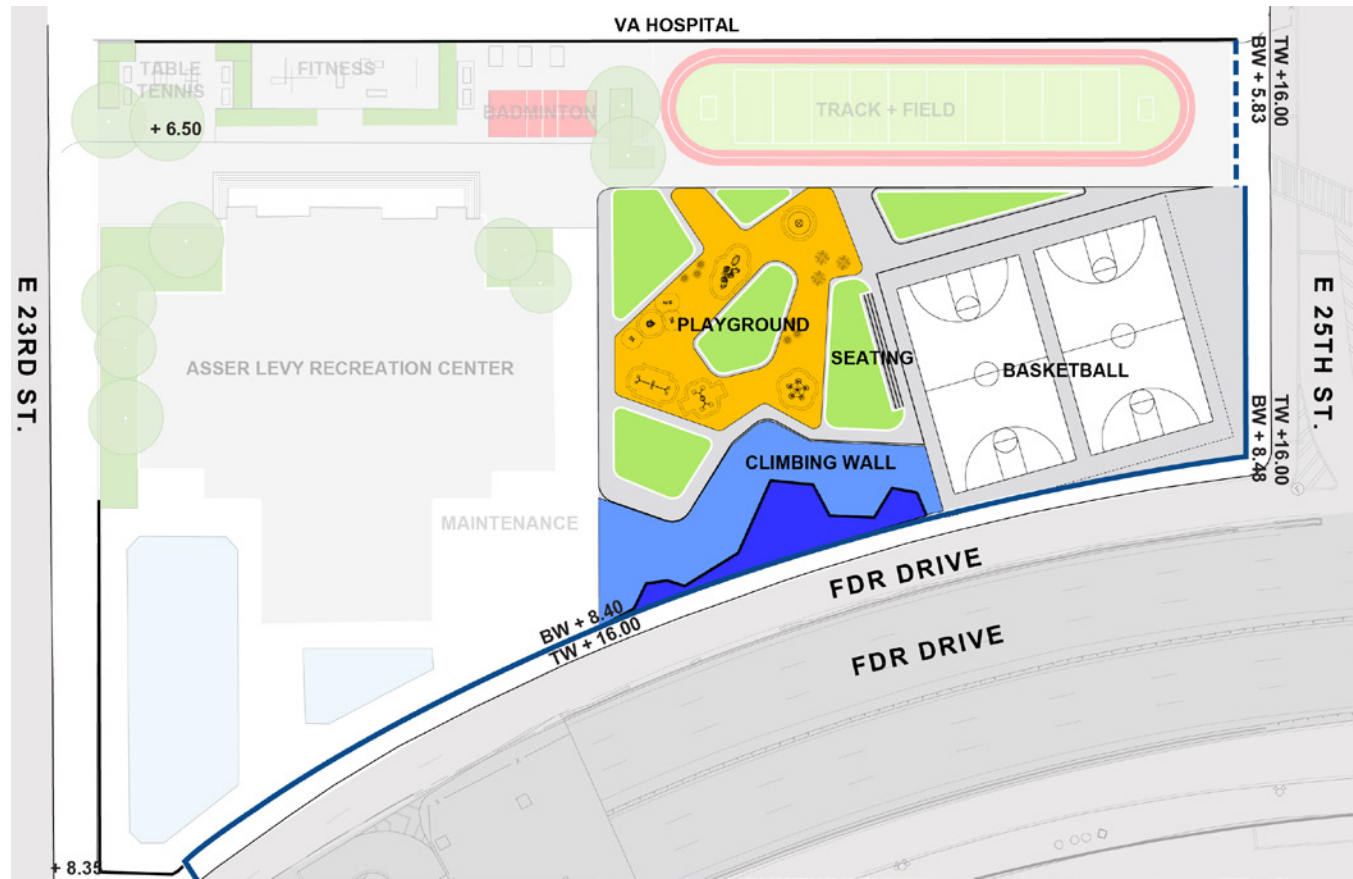
Asser Levy Playground

Program Study 2 - Play Pockets

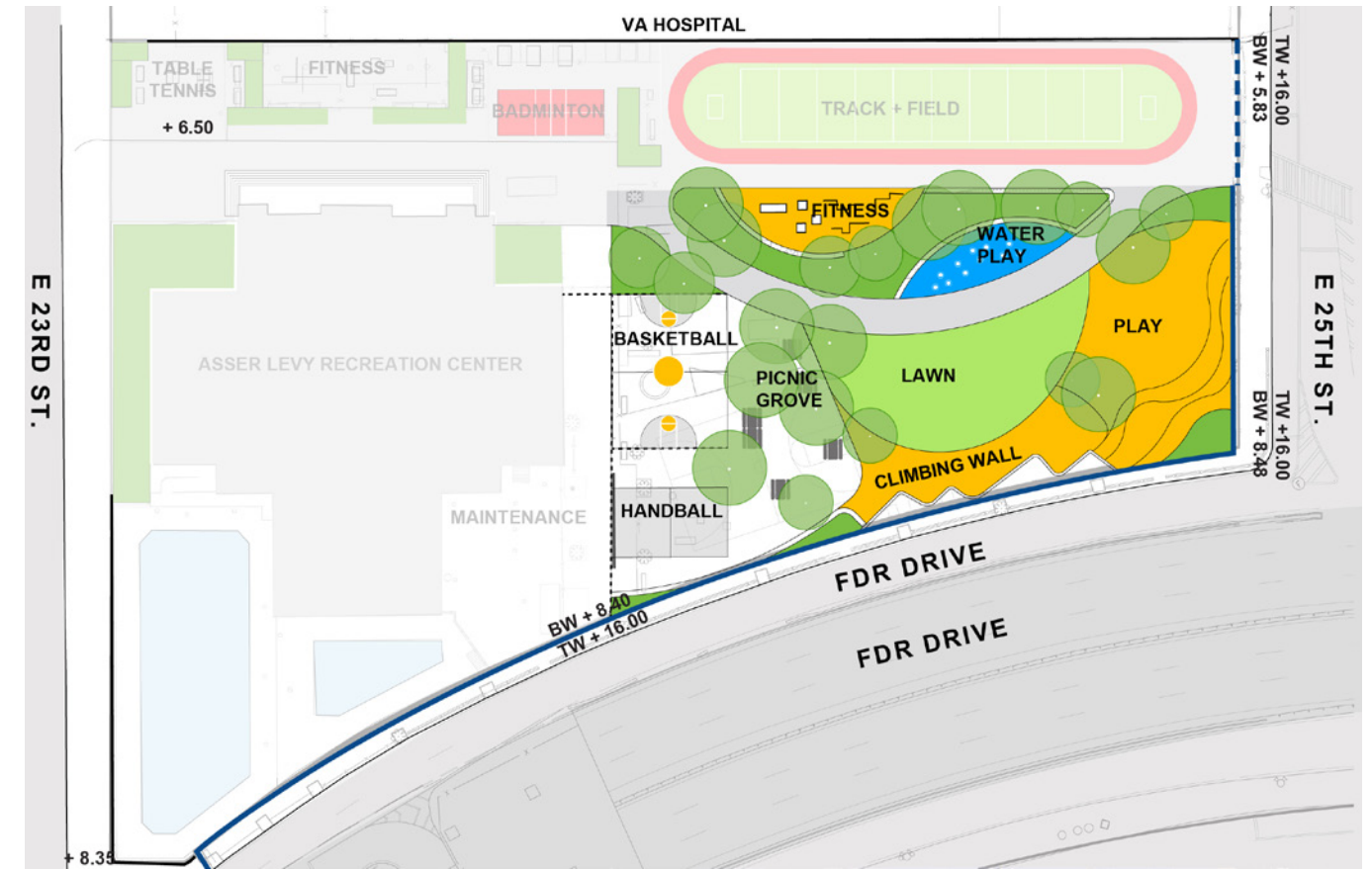


Asser Levy Playground Program Study Summary

- 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