

Lower Concourse Park

Located along the Harlem River and Exterior Street
between 144th Street and 146th Street

Total Budget: \$35,407,358.00, Mayoral City Capital

Size: 2.3 acres

NYC Public Design Commission

Preliminary Review

December 13, 2021

NYC / EDC



NYC Parks



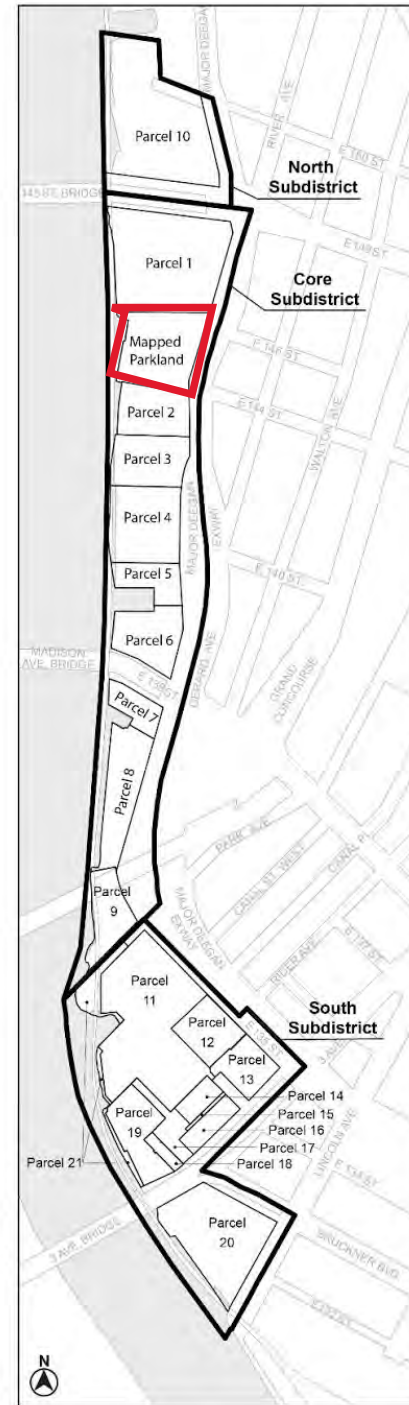
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Project Goals

- Ensure the final design adheres to the Design and Planning for **Resiliency Guidelines** by NYC Parks.
- Create a living **shoreline edge**.
- Create the opportunity for **flexible space**.
- Provide an accessible and **welcoming park entrance**.
- Integrate **native plantings** throughout the park, and **green infrastructure** when possible.
- Ensure the final design of the project **works seamlessly** with the future **surrounding development**.

Map 1- Special Harlem River Waterfront District and Parcels



LOWER CONCOURSE PARK



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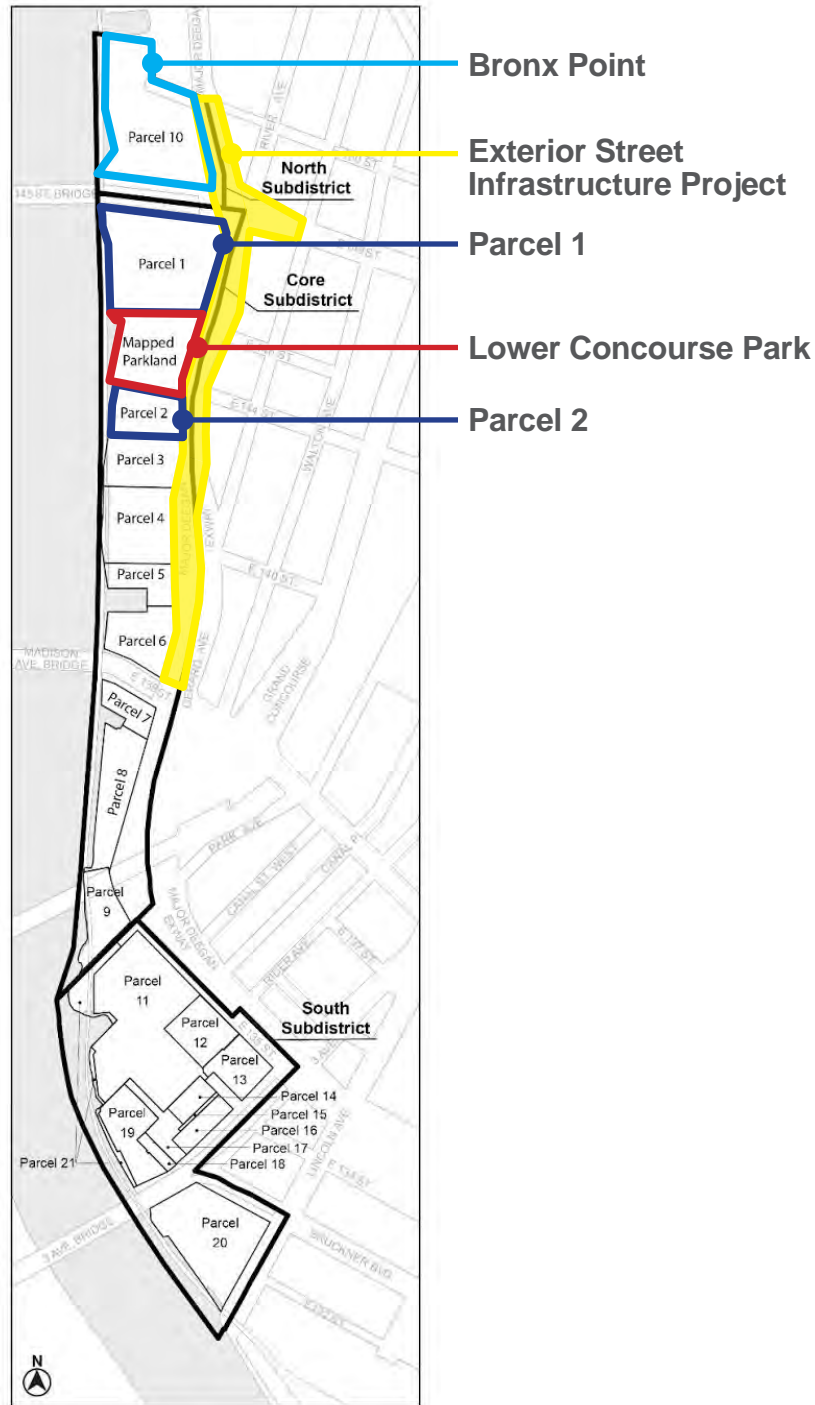
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Project Overview

December 13, 2021

Map 1- Special Harlem River Waterfront District and Parcels



Neighborhood Improvements

Bronx Point

- ~540 units of 100% permanently affordable housing.
- New open space programming on the waterfront.
- Over 55,000 sf of education and community facility space, including Universal Hip Hop Museum.
- Movie theater and local retail.

Exterior Street Infrastructure Improvements

- Street reconstruction to improve pedestrian safety and traffic flow.
- New and upgraded water mains and sewers.

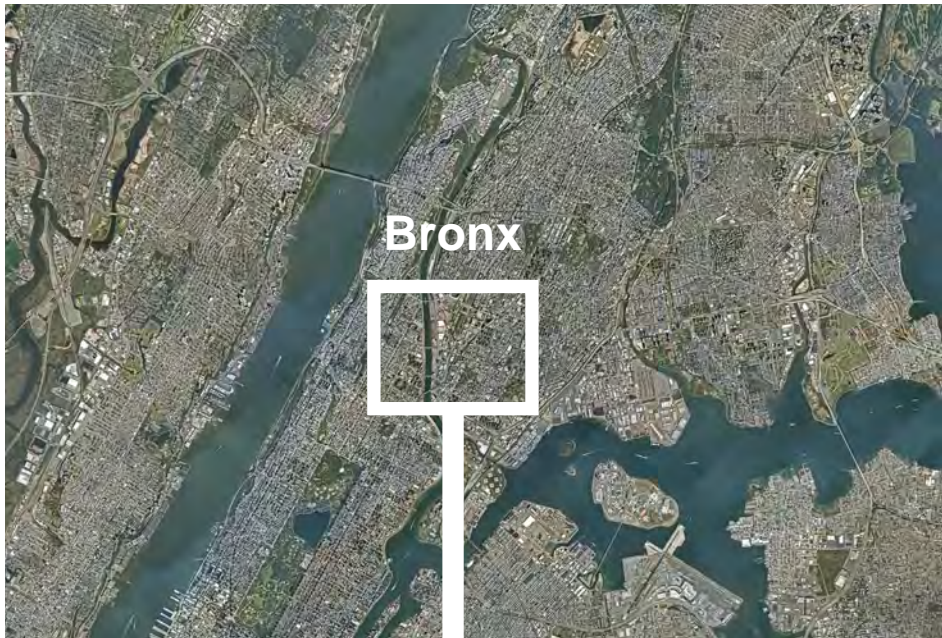
Estimated Construction Completion: 2022

Development Parcels 1 and 2

- Mixed-use development

Parcel 2 Estimated Construction Completion: 2022

Parcel 1 Estimated Construction Completion: +10 years



City

1 MI



Neighborhood

1000 FT



Site

200 FT

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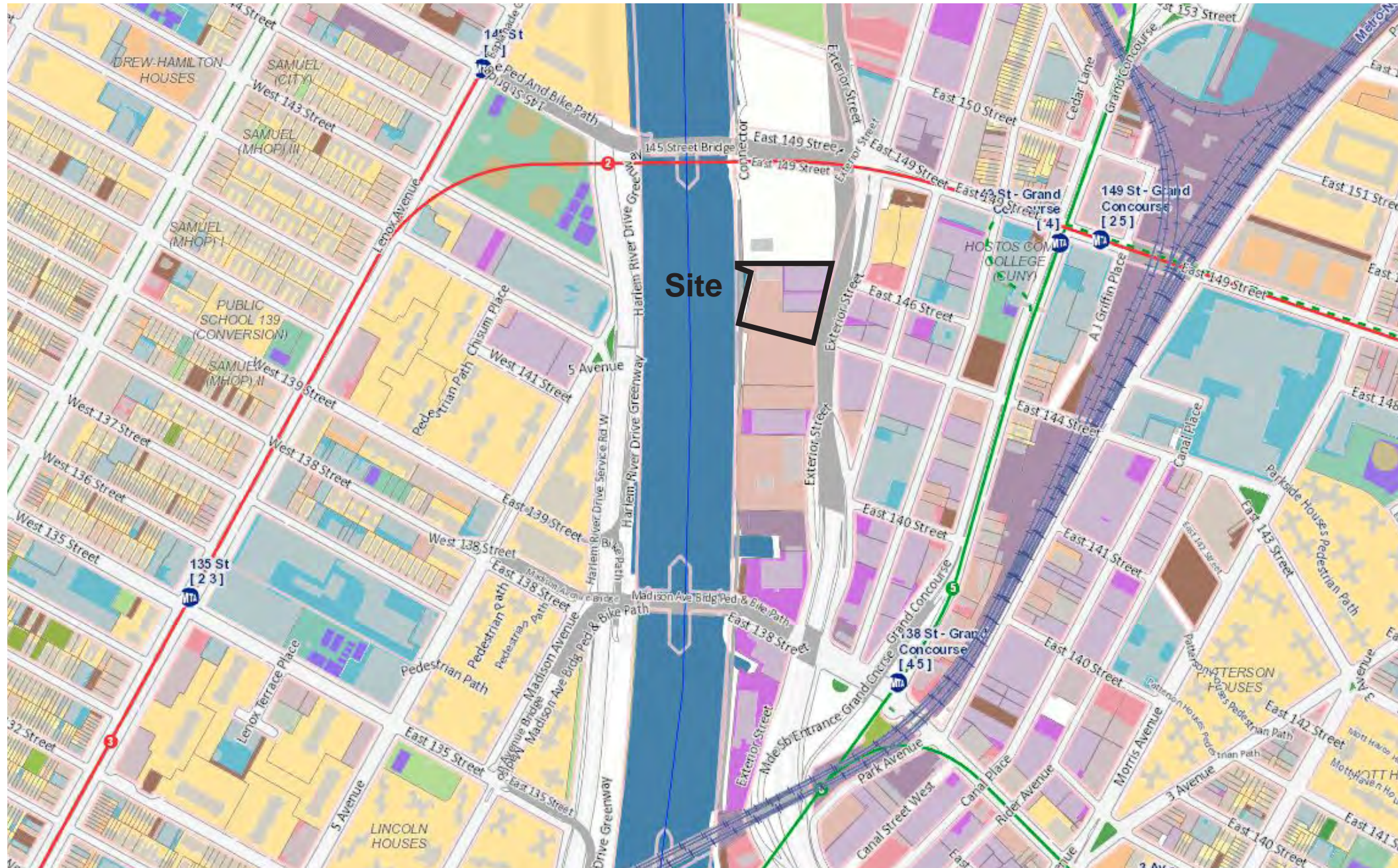
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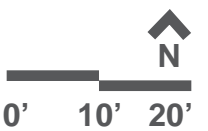
Project Location

December 13, 2021



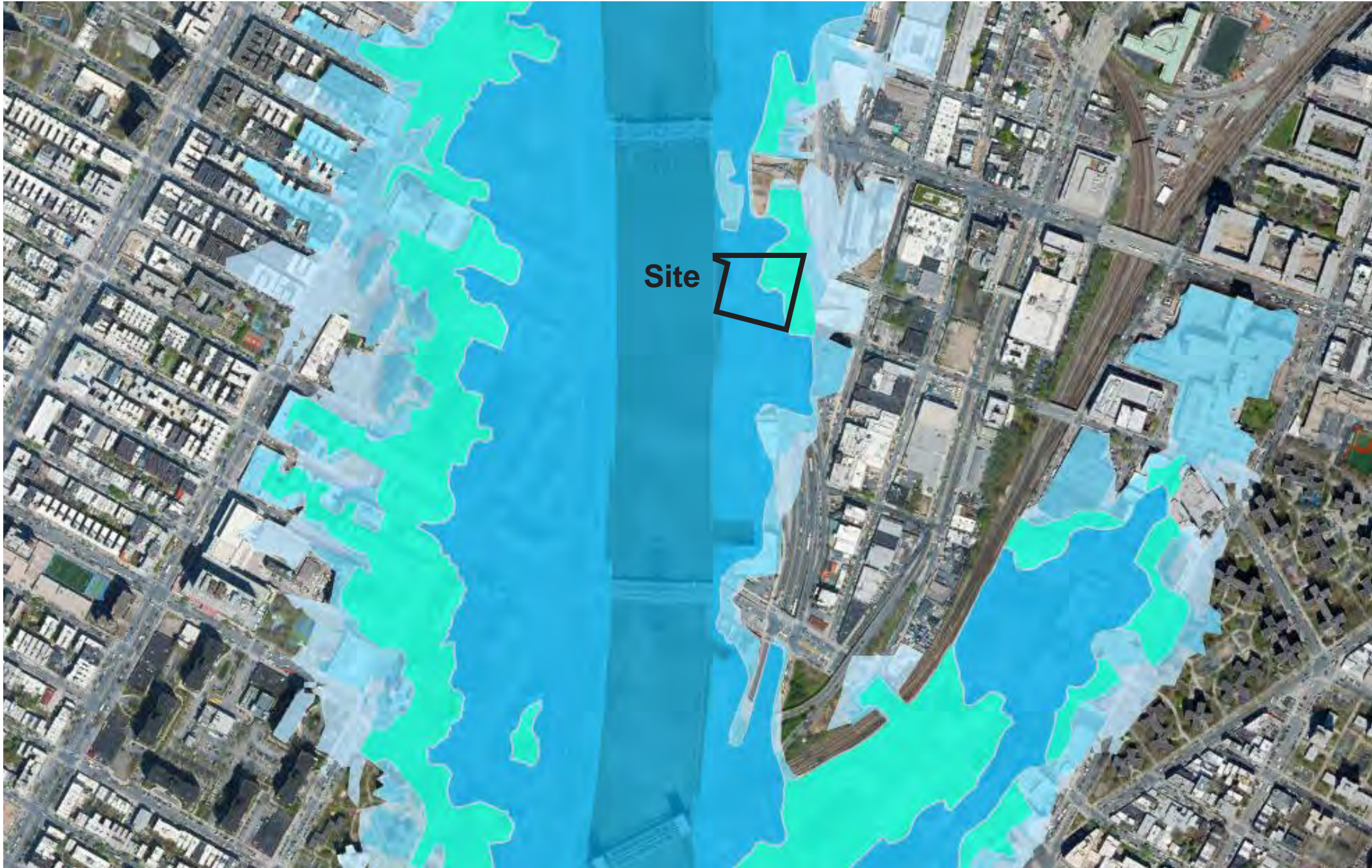
Land Use Categories

- 1 And 2 Family Residential
- Multi-Family Residential
- Mixed Use
- Open Space And Outdoor Recreation
- Commercial
- Institutional
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots



LOWER CONCOURSE PARK

Surrounding Land Use



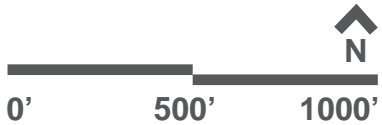
Flood Hazard Zones

2015 Preliminary Flood Insurance Rate Map

- V Zone (100-year floodplain subject to wave action)**
Areas along coasts subject to inundation by the 1% annual chance flood event with additional hazards associated with storm-induced waves.
- A Zone (100-year floodplain)**
Areas subject to inundation by the 1% annual chance flood event.
- Shaded X Zone (500-year floodplain)**
Areas within the 0.2% annual chance floodplain, areas of 1% annual chance flooding where average depths are less than 1 foot, areas of 1% annual chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1% annual chance flood by a levee.
- Limit of Moderate Wave Action (LiMWA)**
The inland limit of the area expected to receive 1.5ft or greater breaking waves during the 1% annual chance flood event. Data from 2015 PFIRMs.

Future Floodplain 2050s

- Future 1% Annual Chance Floodplain (100-year)**
- Future 0.2% Annual Chance Floodplain (500-year)**



Mill Pond Park

Barbecuing areas
Bathrooms
Spray shower
Tennis courts

Bronx Point

Barbecuing areas
Adult fitness
Playground
Seating
Spray shower
Promenade



Franz Sigel Park

Baseball fields (2)
Basketball courts
Bathrooms
Dog-friendly area
Playground

Gov Smith Playground

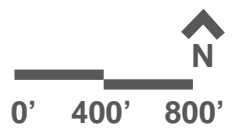
Basketball courts
Bathrooms
Soccer field
Spray showers
Tennis courts
Volleyball courts

Garrison Playground

Adult fitness
Performance space
Playground
Seating
Spray shower
Table tennis
Walkway
Water feature

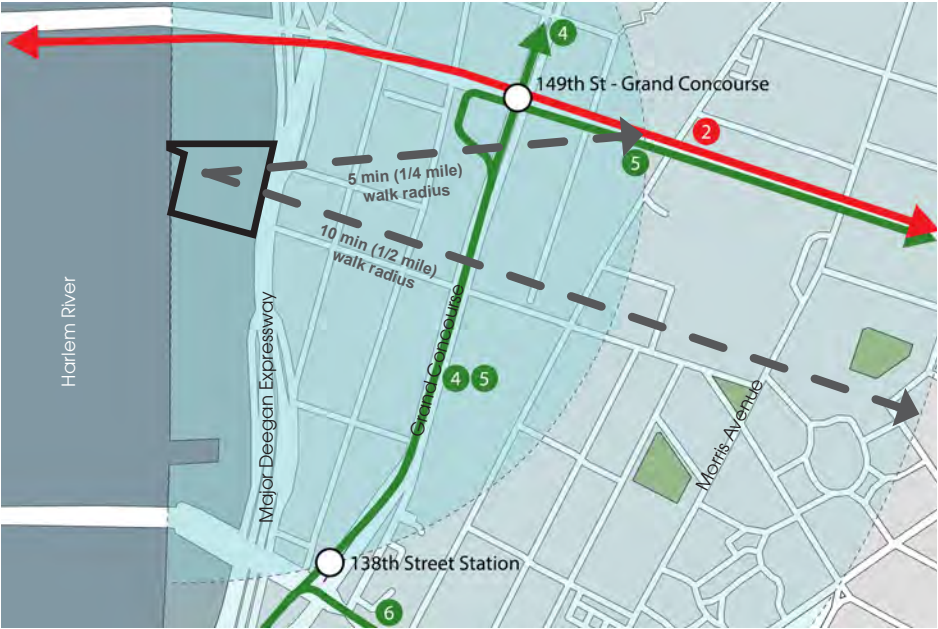
Patterson Playground

Basketball courts
Football fields
Handball courts
Playground

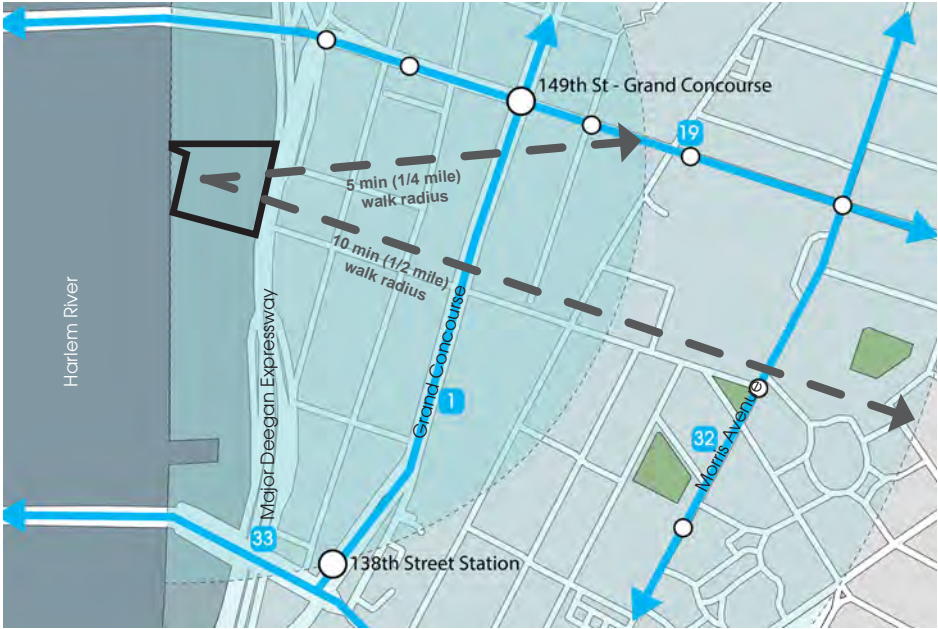


LOWER CONCOURSE PARK

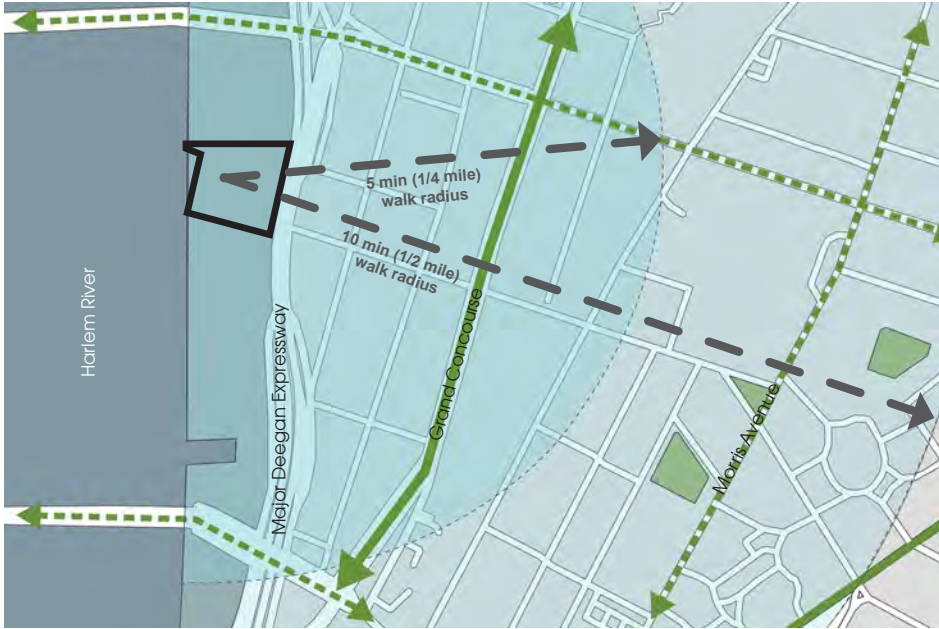
Neighborhood Context



Subway Connections



Bus Connections



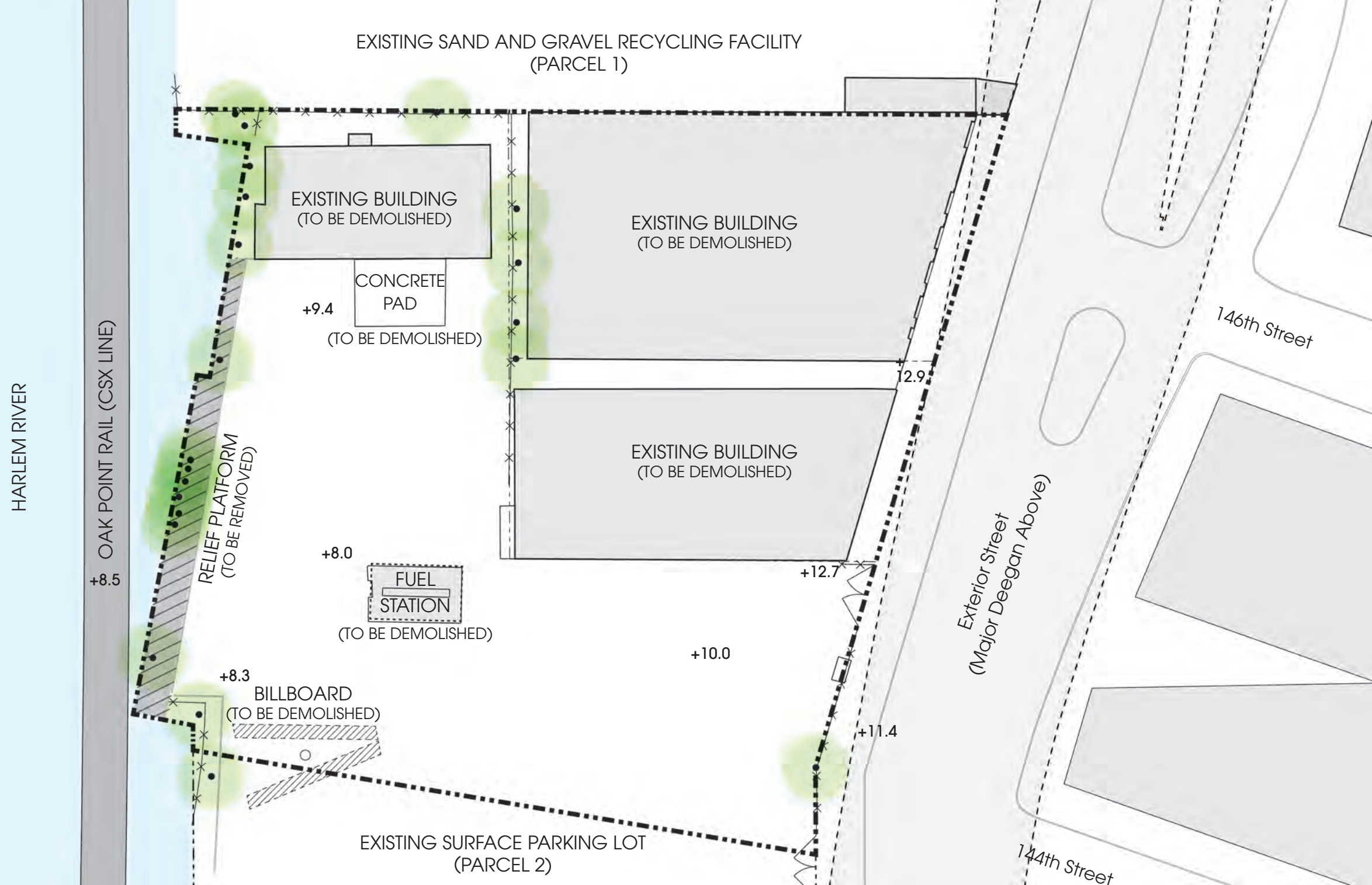
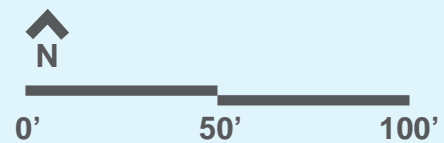
Bike Routes

- Subway Station ○
- MTA 2 Subway Line —
- MTA 4, 5, 6 Subway Lines —
- Bus Route —
- Potential Future Bicycle Route - - -
- Bicycle Lane —



Legend

- Project Site
- xxxxx Existing Fence
- Existing Building or Structure
- Traffic
- Existing Tree



LOWER CONCOURSE PARK

Existing Conditions

December 13, 2021



1. Looking south. Existing river edge including Oak Point Rail (CSX line).



Key Map 



1. Looking southwest



Not to Scale

Key Map



1. Looking west. Existing site edge at Harlem River.



Not to Scale

Key Map 



1. Looking south, site edge at Exterior Street.



2. Looking northeast, East 144th Street intersection.



Key Map 



1. Looking northeast.



2. Existing entrance underneath Major Deegan Expressway.



Not to Scale

Key Map 



1. Looking northwest, billboard and distressed asphalt parking lot.



2. Looking north, garage.

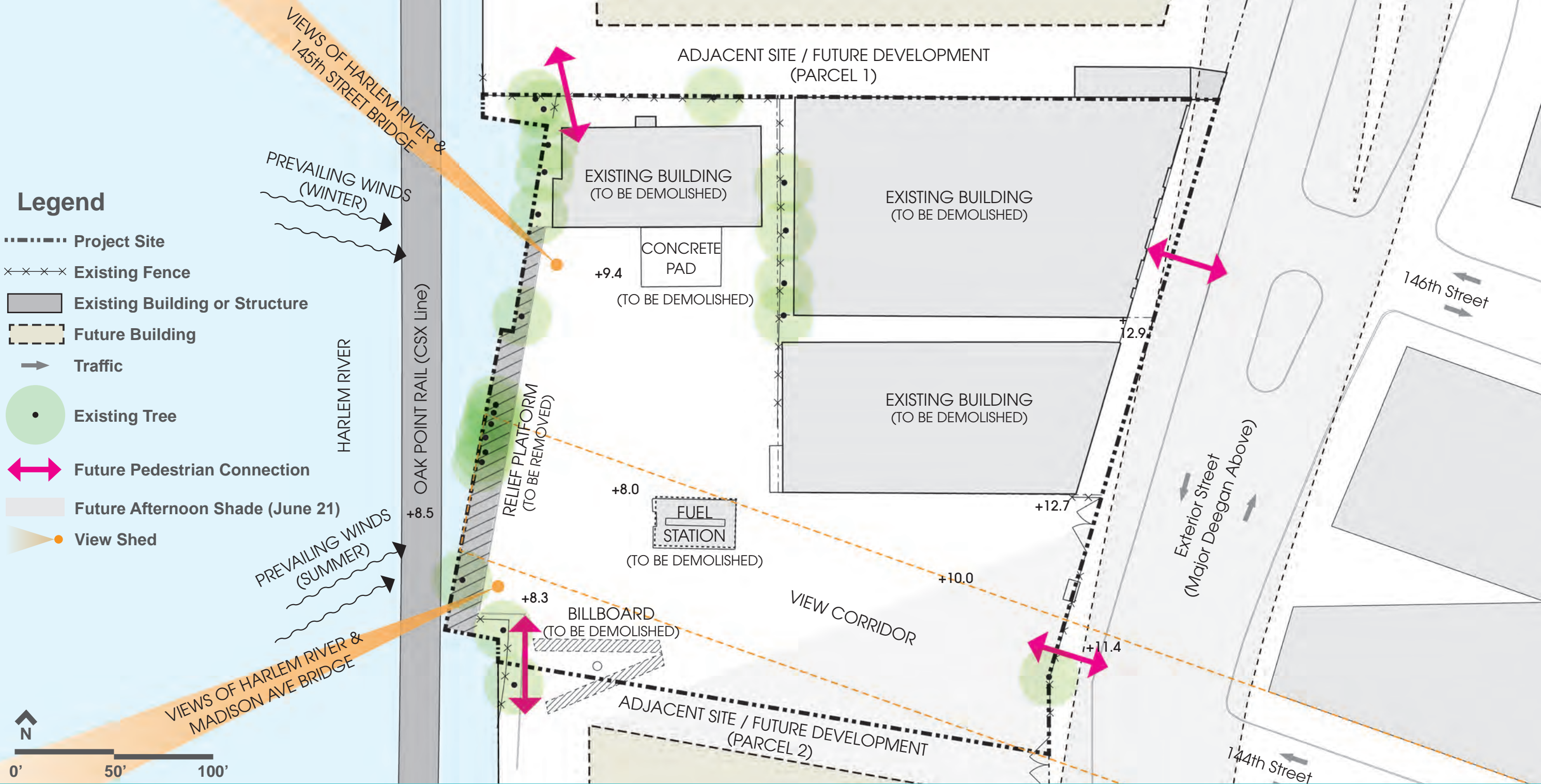


3. Looking east, distressed asphalt parking lot.



Legend

- Project Site
- xxxxxx Existing Fence
- Existing Building or Structure
- Future Building
- Traffic
- Existing Tree
- Future Pedestrian Connection
- Future Afternoon Shade (June 21)
- View Shed



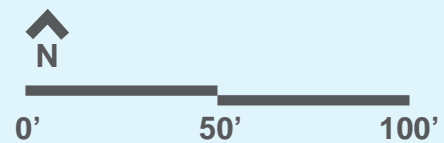
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Site Analysis

December 13, 2021

Legend

- Project Site
- xxxxx Existing Fence
- Existing Building or Structure
- Traffic
- Existing Tree
- ✕ Tree Removal



HARLEM RIVER

OAK POINT RAIL (CSX Line)

RELIEF PLATFORM
(TO BE REMOVED)

EXISTING BUILDING
(TO BE DEMOLISHED)

+9.4
CONCRETE
PAD
(TO BE DEMOLISHED)

+8.0
FUEL
STATION
(TO BE DEMOLISHED)

+8.3
BILLBOARD
(TO BE DEMOLISHED)

ADJACENT SITE / FUTURE DEVELOPMENT
(PARCEL 2)

ADJACENT SITE / FUTURE DEVELOPMENT
(PARCEL 1)

EXISTING BUILDING
(TO BE DEMOLISHED)

EXISTING BUILDING
(TO BE DEMOLISHED)

+10.0

+12.7

+11.4

12.9

Exterior Street
(Major Deegan Above)

146th Street

144th Street

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NYC / EDC



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Tree Inventory

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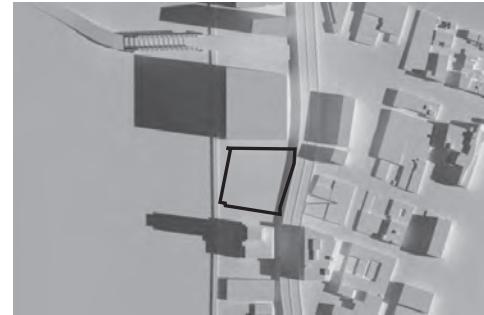
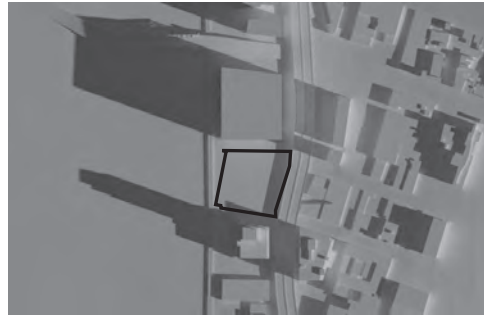
March 21 / September 21

May 6

June 21

December 21

9.00 am



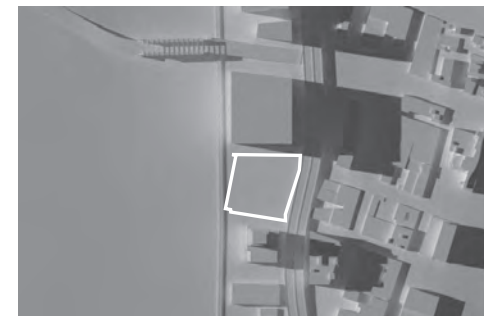
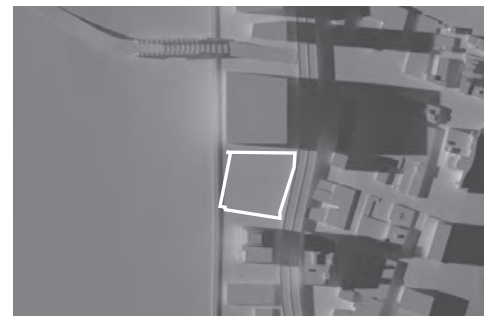
12.00 pm



3.00 pm



6.00 pm



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Shade Study

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1. Looking west at CSX line, which impacts views to the Harlem River.



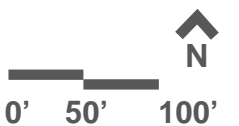
2. The Harlem River's swift current makes physical access to the river challenging.



3. Major Deegan Expressway salt spray and shade impacts plant health.



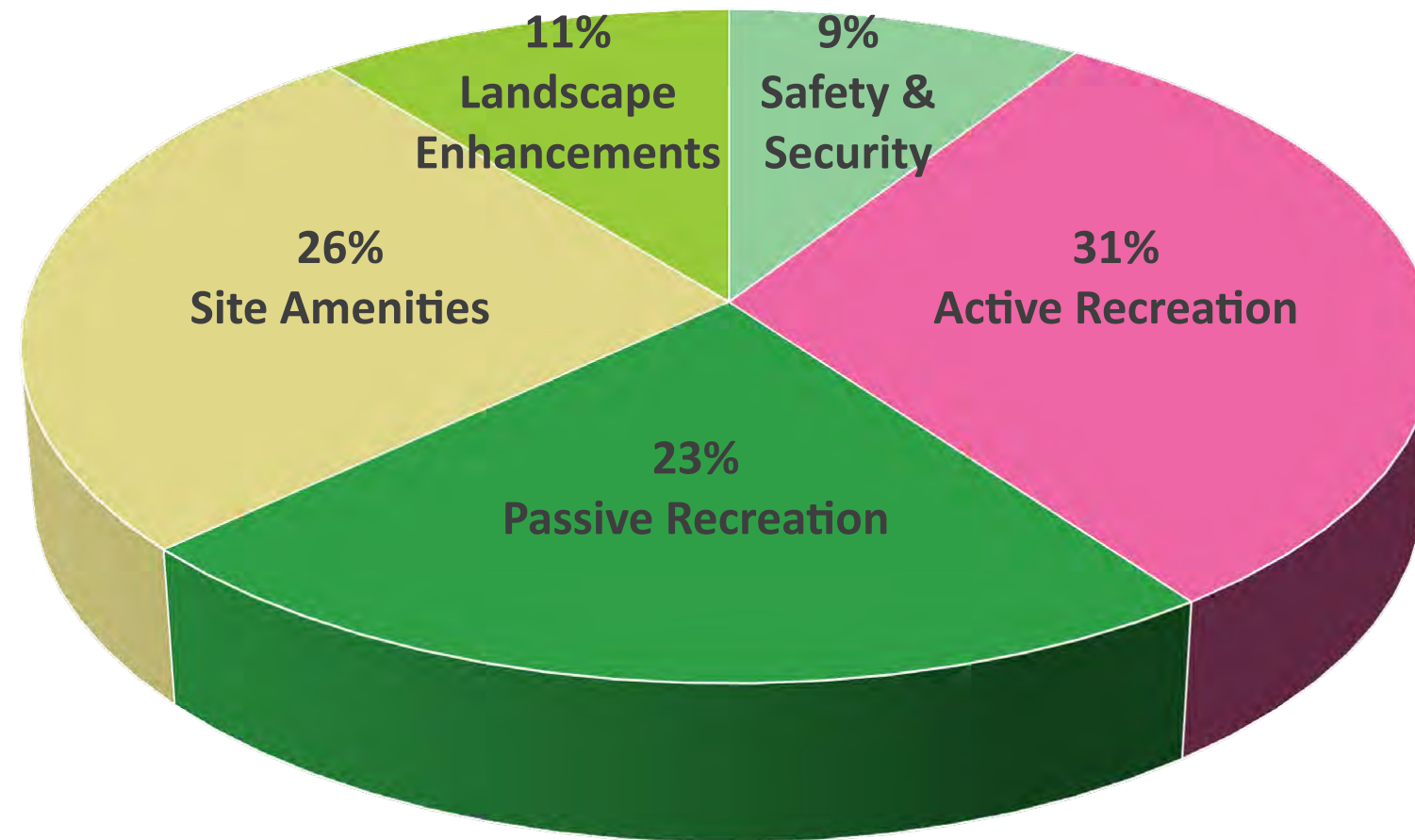
4. Major Deegan Expressway is noisy and a visual barrier. It is dark underneath, creating safety concerns.



Safety & Access		Qty
Improved Lighting (pedestrian / Security)		1
Lighting under Major Deegan		1
ADA Accessibility / Better Entryways		1
Wayfinding to Museums		1
Improved Sidewalks		1
Elevator at Subway Station		1
Speed Bumps		1
Frequency		6

Active Recreation		Qty
Playground		3
Flex use lawn		3
Splash Pad		3
Boat Launch		3
Exercise Equipment		2
Kids Soccer Field		2
Dog Run		1
Handball Court		1
Pool		1
Basketball Courts		1
Frequency		20

Landscape Enhancements		Qty
Ecological Edge		3
Native Plants		2
Trees for Shade		1
Natural Grass		1
Frequency		7



Passive Recreation		Qty
Waterfront Access		3
Community Garden		2
Educational Opportunities		2
Flexible Open Space		2
River Overlook		2
Walkways/Greenway		2
BBQ Area		1
Shaded Seating Area		1
Frequency		15

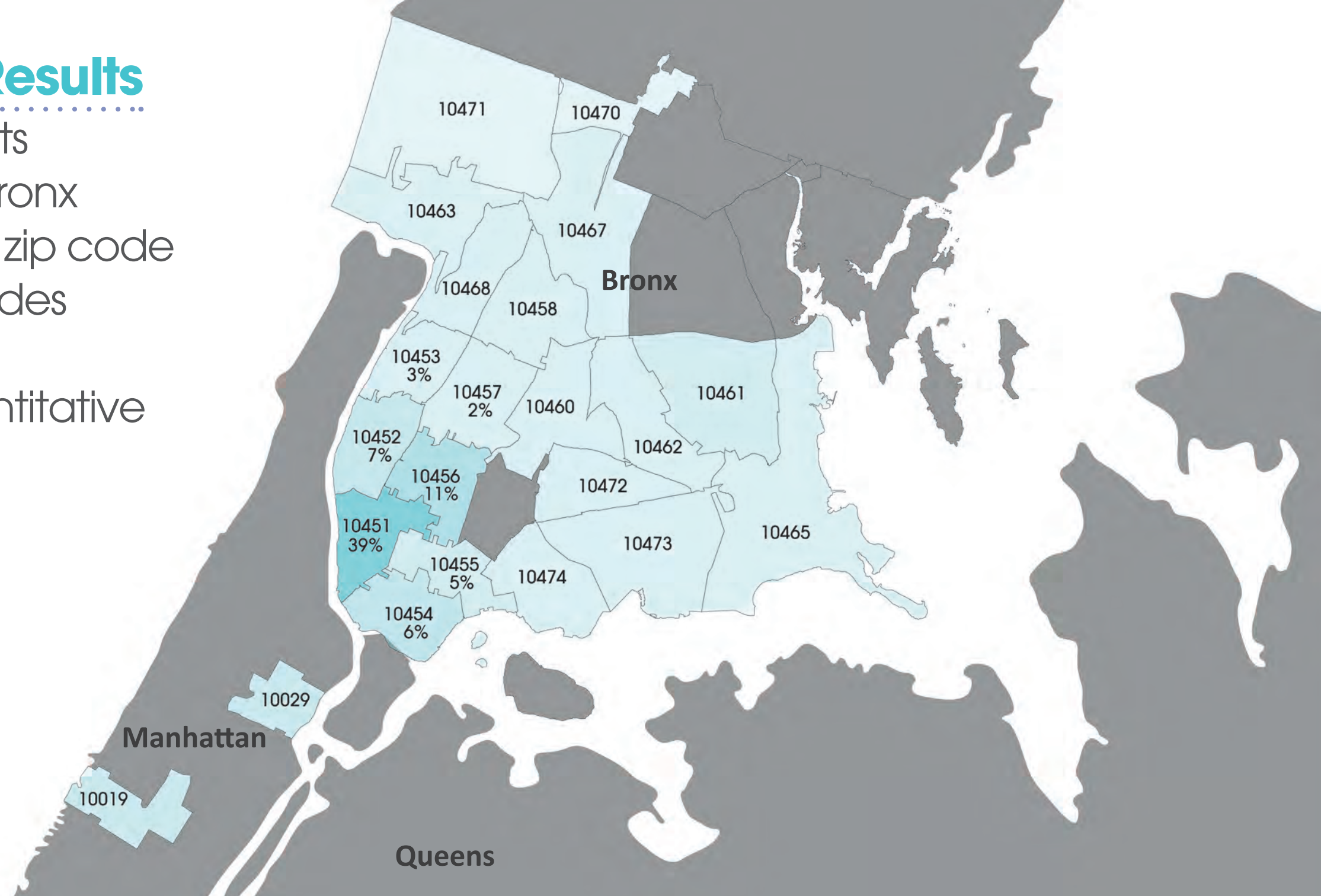
Site Amenities		Qty
New Comfort Station		3
Performance Space		2
Fencing/Gates		2
Seating		2
Drinking Fountains / Bottle Fillers		1
Arts Area		1
Game Tables		1
Bike Racks/Repair station		1
Educational Signage		1
WIFI		1
Green Wall		1
Shade Structure/Gazebo		1
Frequency		17

Updated Survey Results

- 112 survey participants
- 104 (95%) live in the Bronx
- 44 (39%) live in 10451 zip code
- 25 (23%) live in zip codes adjacent to site
- Qualitative and quantitative data was captured
- Facebook poll

Participant Age

- 12%** • <17
- 9%** • 18-29
- 32%** • 30-44
- 26%** • 45-59
- 21%** • 60+



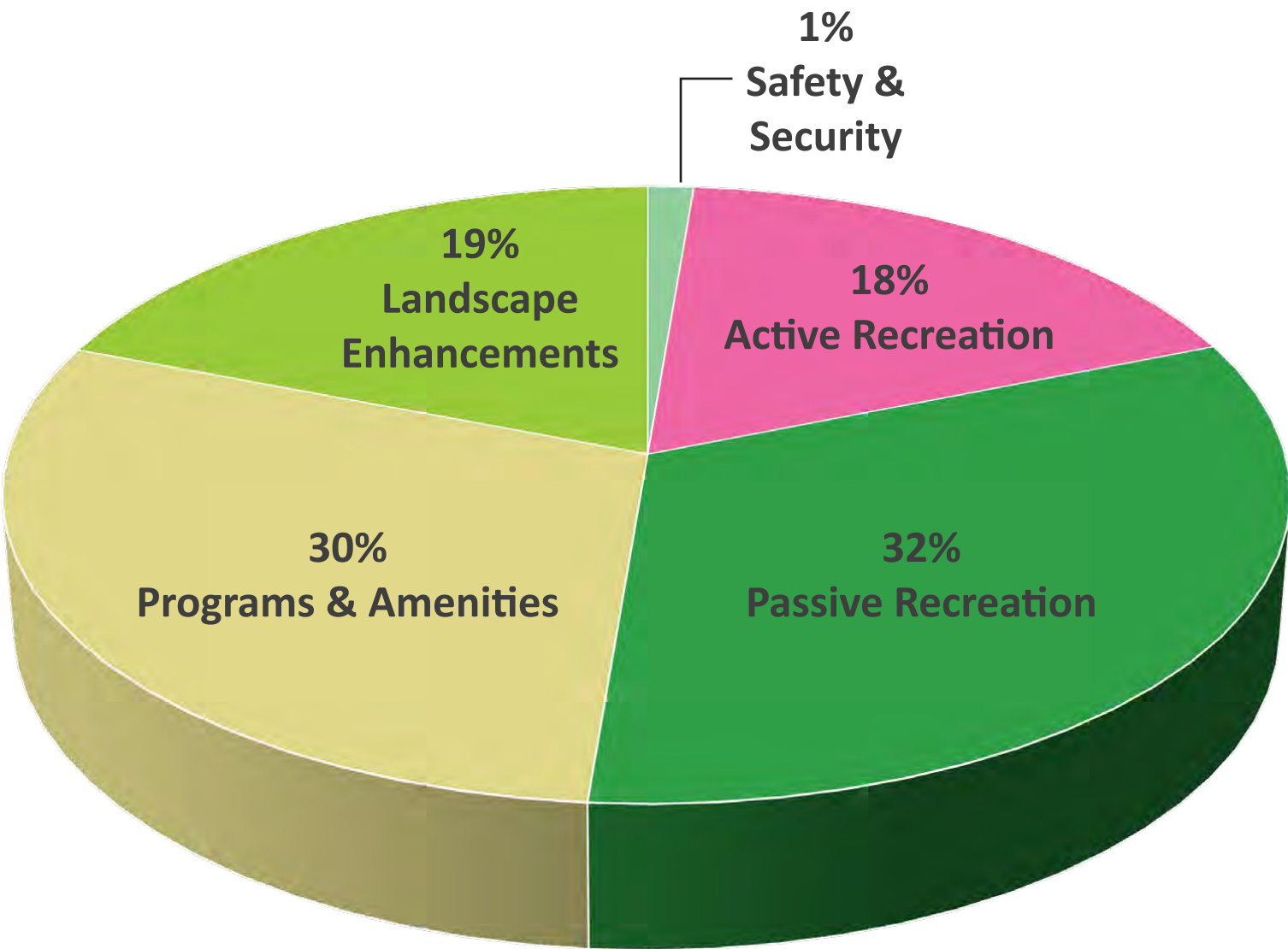
Safety & Access	Qty
Improved Security	6
ADA and Site Accessibility for All Ages	6
Wayfinding & Signage	1
Frequency	13

Active Recreation	Qty
Playground	73
Splash Pad	32
Athletic Fields	32
Dog Run	29
Bike Paths	4
Fishing	1
Pool	1
Rowing/Canoeing	3
Boat Launch	1
Frequency	176

Landscape Enhancements	Qty
Trees for Shade	97
Native Plants	89
Coastal Resiliency	5
Frequency	191

Passive Recreation	Qty
Educational Opportunities	103
Waterfront Access	78
Flexible Open Space	64
Green Infrastructure	58
Community Garden	4
Walkways/Greenway	10
BBQ Area	6
Frequency	323

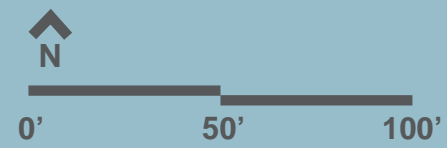
Programs and Amenities	Qty
Concerts & Performances	88
Movie Nights	85
Café Seating	76
Games	28
New Comfort Station	4
Festivals	4
Food Vendors	3
Children's Activities	6
Pop-Up Library	1
Frequency	295



Preliminary Design

Legend

- Project Limit
- Park Entrance
- Vehicular Direction
- Circulation
- Future Connections
- View Corridor
- Proposed Tree
- Landscape Boulders



HARLEM RIVER

OAK POINT RAIL (CSX Line)



LOWER CONCOURSE PARK

Concept Plan (March 2020)

Legend

- Project Limits
- Asphalt Block Pavers
- Concrete Block Pavers
- Colored Exposed Aggregate Concrete
- Colored Exposed Aggregate Concrete
- Concrete Pavement
- Concrete Plank on Piers
- Oyster Reef
- Breakwater

Park EntranceFuture ConnectionsFlushing Meadows Light Pole1964 Worlds Fair BenchBBQ GrillsPicnic TablesTables and ChairsTrash ReceptacleBike RackDrinking Fountain and Bottle FillerMusical Play DrumsLandscape BouldersCanopy TreeEvergreen TreeSmall TreeFlowering Tree0'50'100'

LOWER CONCOURSE PARK

Schematic Plan

Legend

- Project Limit
- Existing Major Contour
- Existing Minor Contour
- Major Contour
- Minor Contour
- Existing Spot Elevation
- Existing Top of Curb
- Existing Bottom of Curb
- Spot Elevation
- High Point
- Low Point
- Top of Curb
- Bottom of Curb
- Top of Stair
- Bottom of Stair
- Direction of Slope



LOWER CONCOURSE PARK

Grading Plan

December 13, 2021

Legend

- Project Limit
- TEMPORARY ARCHITECTURAL SCREEN
10'-0"HT. (x = HEIGHT)
STEEL
- ARCHITECTURAL SCREEN AND GATE
6'-6"HT. (x = HEIGHT)
STEEL
- LOW / PLANTING FENCES
3'-0"HT. (x = HEIGHT)
STEEL
- SEA RAIL
3'-6"HT. (x = HEIGHT)
STEEL



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Fencing Diagram

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Legend

- Project Limit
- 1964 World's Fair Bench with Integral Arms
8' Long Benches 448 LF
- Cafe Tables & Seating
- Picnic Tables & Seating
- ADA Seating
- Musical Drum Seats
- Precast Concrete Seating
Total LF 304 LF



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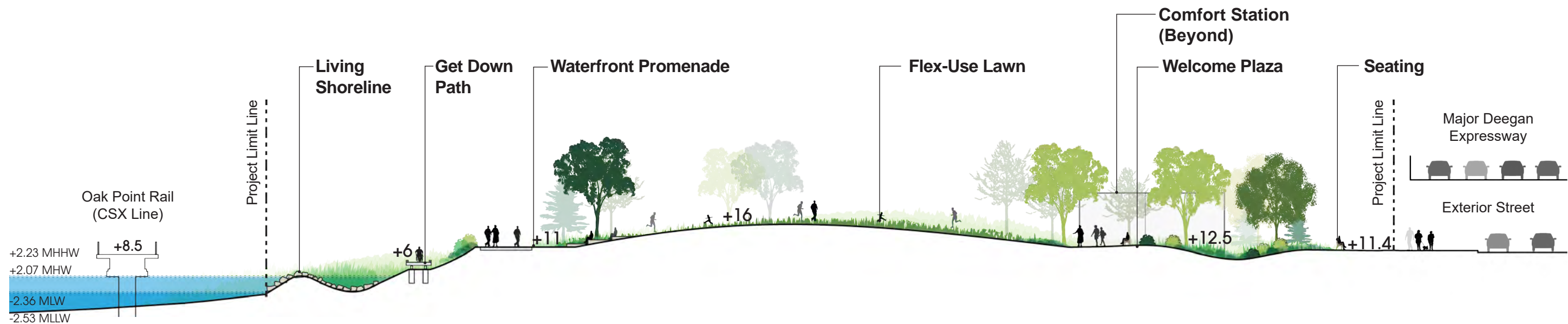
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Seating Diagram

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LOWER CONCOURSE PARK

Shoreline Section / Elevation



LOWER CONCOURSE PARK

Aerial Perspective (Looking Southeast)



LOWER CONCOURSE PARK

Waterfront Promenade



LOWER CONCOURSE PARK

Welcome Plaza at 146th Street



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Welcome Plaza at 144th Street



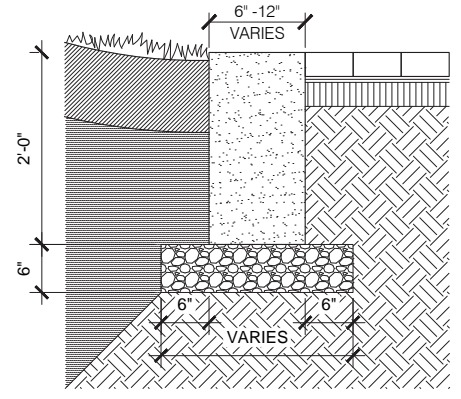
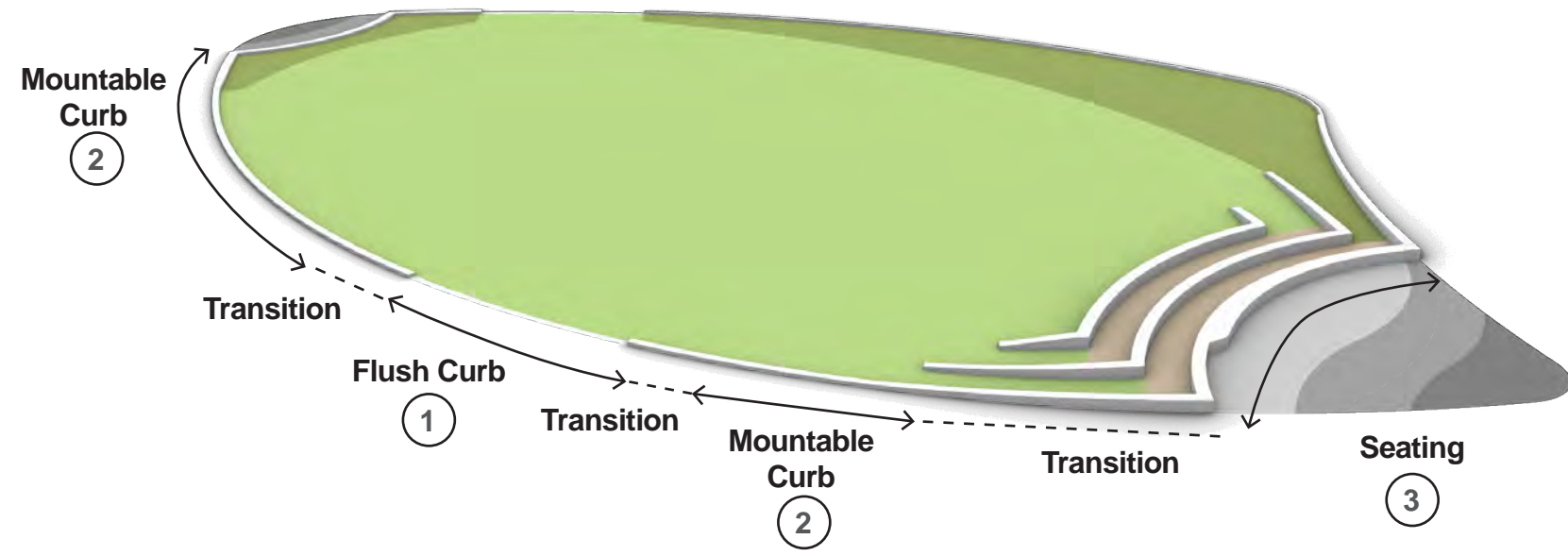
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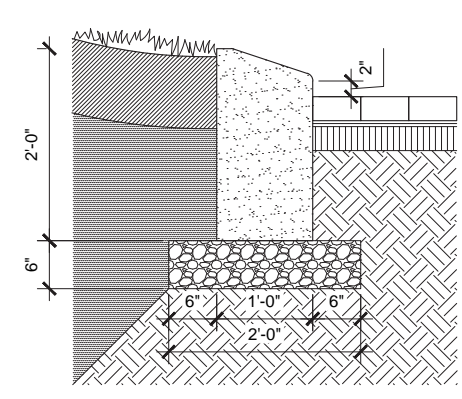
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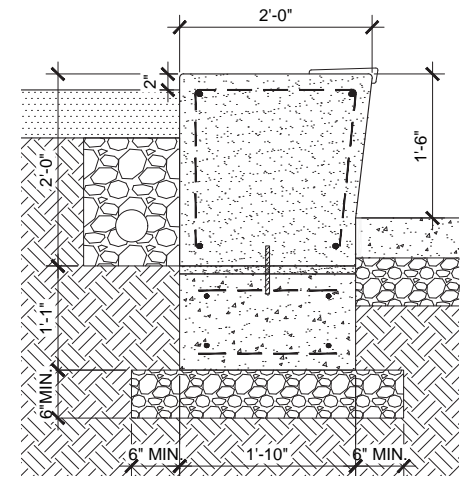
View of North Lawn (A)



1 Flush Curb



2 Mountable Curb

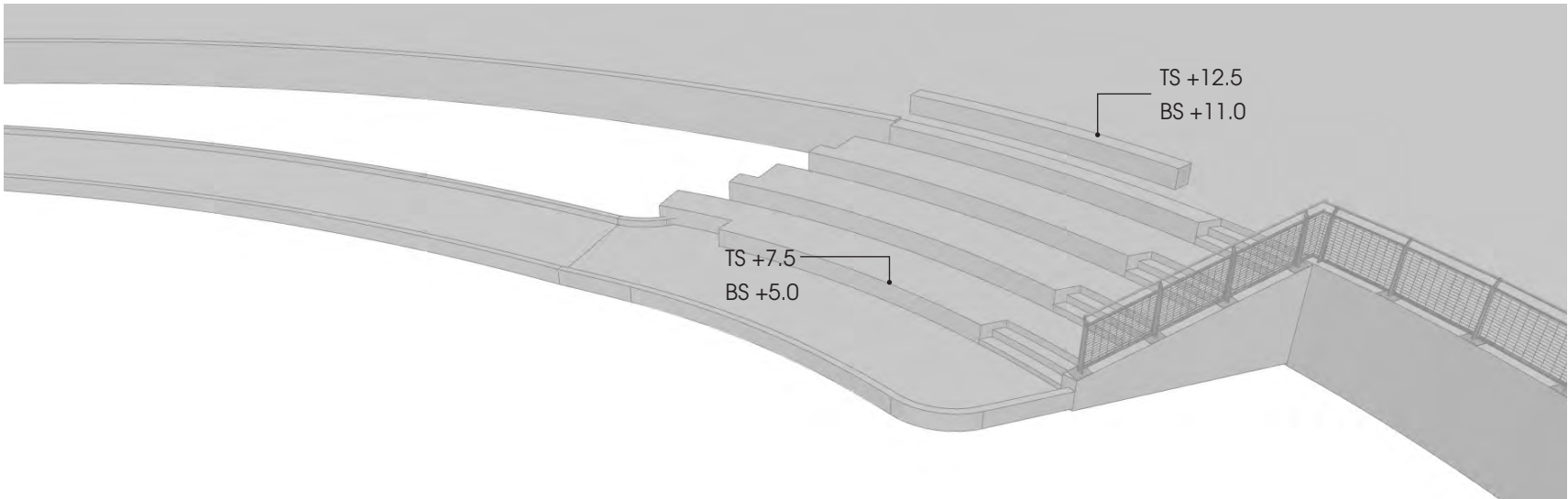


3 Seating



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View of Get Down (B)



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Parks Standard

Bench Seating

Item: 1964 World's Fair Bench with Integral Arms
 Manufacturer: Kenneth Lynch & Sons
 Material: Galvanized steel frame with RPL slats
 Color/Finish: Gray Slats



Cafe Tables & Seating

Item: MINGLE with custom Chipman seats (without umbrella)
 Manufacturer: Landscape Forms
 Material: Cast Aluminum
 Color/Finish: Mercury, Powdercoat



DOT Standard

Pedestrian Lighting

Item: Flushing Meadows Luminaire & Pole
 Manufacturer: Sentry Electric
 Material: Steel
 Color/Finish: Silver



Parks Standard

Hi-Lo Fountain and Water Bottle Filler

Item: 10145 SMSS
 Manufacturer: Most Dependable Fountains
 Material: Stainless Steel
 Color/Finish: Chrome



DOT Standard

Bike Rack

Item: NYCityRack
 Manufacturer: Campbell Foundry
 Material: Cast ductile iron
 Color/Finish: Cast ductile iron



Parks Standard

Picnic Tables & Seating

Item: ADA 7' Picnic Table
 Manufacturer: All City Play Equipment
 Material: Steel supports and RPL slats
 Color/Finish: Grey RPL, black powdercoat



Parks Standard

BBQ Grills

Item: BBQ Grills
 Manufacturer: Most Dependable Fountains
 Material: Steel
 Color/Finish: Black



Parks Standard

Coal Bins

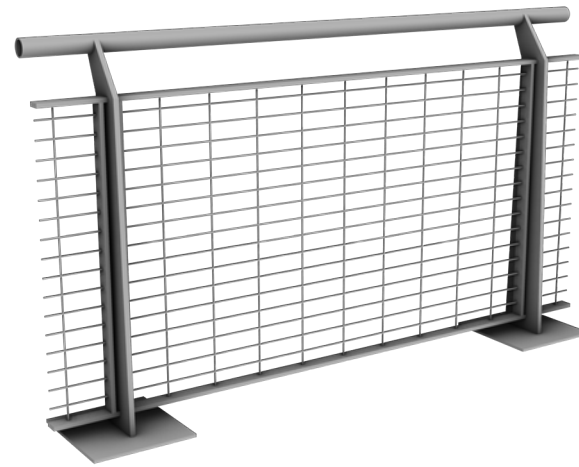
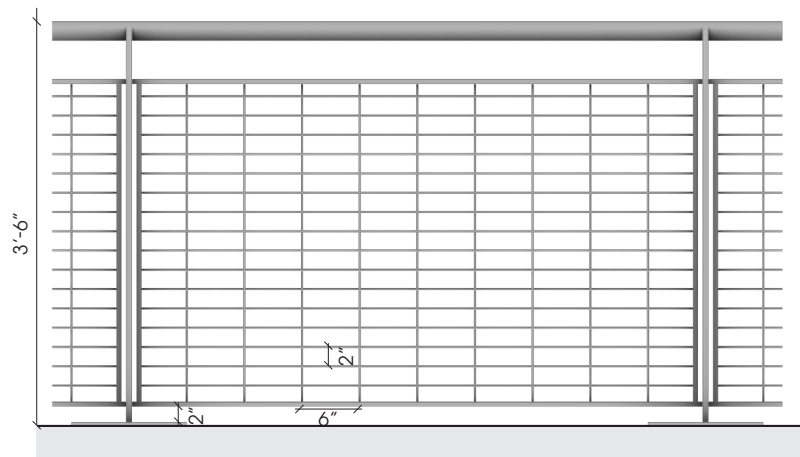
Item: Hot Coal Bin
 Manufacturer: Pilot Rock
 Material: Steel
 Color/Finish: Red



Parks Standard

Trash Receptacle

Item: Public Space Trash Receptacle
 Manufacturer: Maglin Site Furniture
 Material: Powder-coated Steel
 Color/Finish: Black and Blue Lids



Sea Rail 3'-6"HT

Item: Sea Rail
Material: Zinc Thermal Sprayed Steel
Color/Finish: Silver



Architectural Screen & Gate 6'-6"HT

Item: Screen and Gate at M&O yard
Manufacturer: Talia Ventus by Orsogril, or approved equal
Material: Steel
Color/Finish: Black



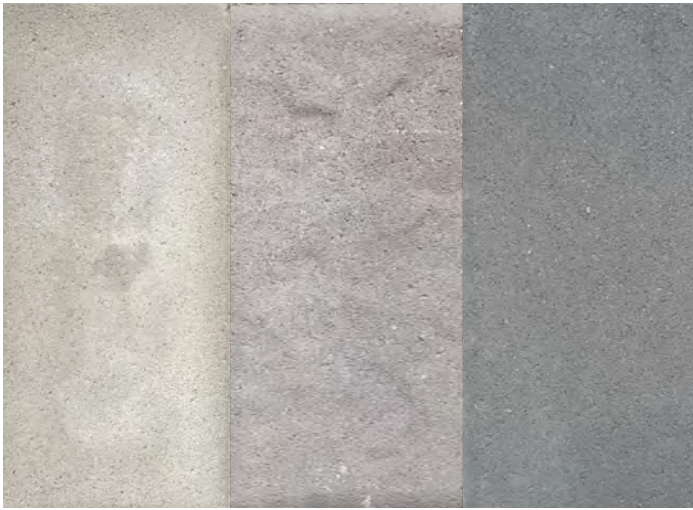
Architectural Screen 10'-0"HT

Item: Architectural Screen at North Property
Manufacturer: Talia Ventus by Orsogril, or approved equal
Material: Steel
Color/Finish: Black



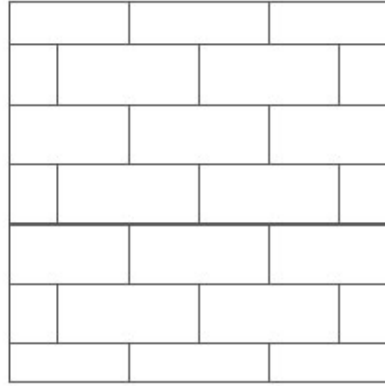
Removable Bollards

Item: Removable Bollards R8902
Manufacturer: Reliance Foundry
Material: Steel
Color/Finish: Brushed Stainless Steel



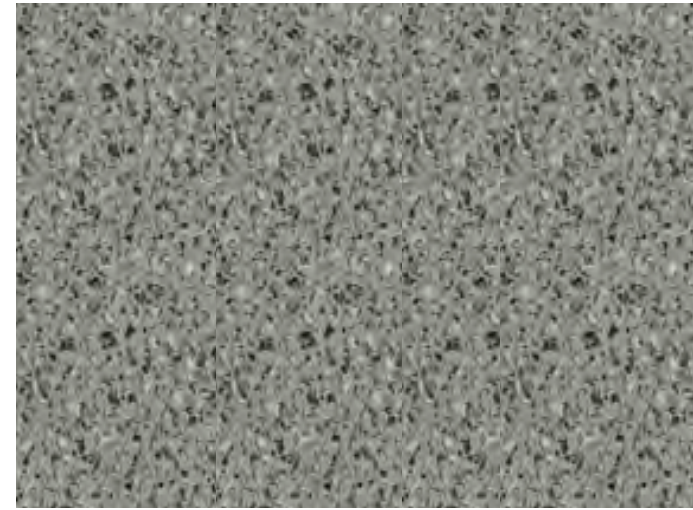
Paving - Welcome Plazas

Item: Concrete Pavers
 Manufacturer: Unilock, or approved equal
 Dimensions: Promenade Plank, 4"W x 12"L x 4"D
 Color/Finish: Endura Smooth in Opal/NY Blend/Charcoal



Paving - Waterfront Promenade & Pathways

Item: Asphalt Block Pavers
 Manufacturer: Hanover, or approved equal
 Dimensions: 6"W x 12"L x 3"D
 Color/Finish: Chesapeake A80047, Ground Finish



Paving - BBQ/Picnic & Bench Pads

Item: Colored Exposed Aggregate Concrete
 Manufacturer: Bomanite, or approved equal
 Color/Finish: EX-RV-073119-02



Paving - Curbs, Get Down (Landing), & Maintenance Access

Item: Concrete Pavement
 Color/Finish: Unpigmented



Paving - Get Down Path

Item: Precast Concrete Treads with Precast Concrete Curb
 Manufacturer: PermaTrak, or approved equal
 Color/Finish: Natural Concrete, Sandblast



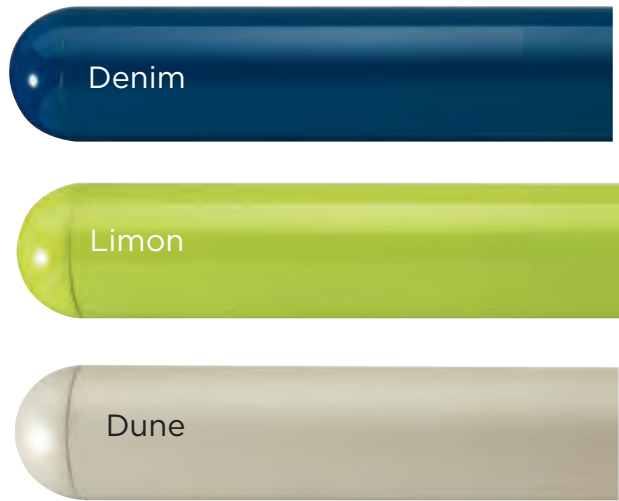
Precast Concrete

Item: Seating, Mountable Curb
 Manufacturer: Southside Precast, or approved equal
 Color/Finish: White, Light Etched



Notched Skate Deterrent

Item: Skate Deterrent at Precast Concrete



Play Equipment

Item: Play Equipment
 Manufacturer: Landscape Structures
 Material: Steel
 Color/Finish: Denim, Limon, Dune / Powder-coated



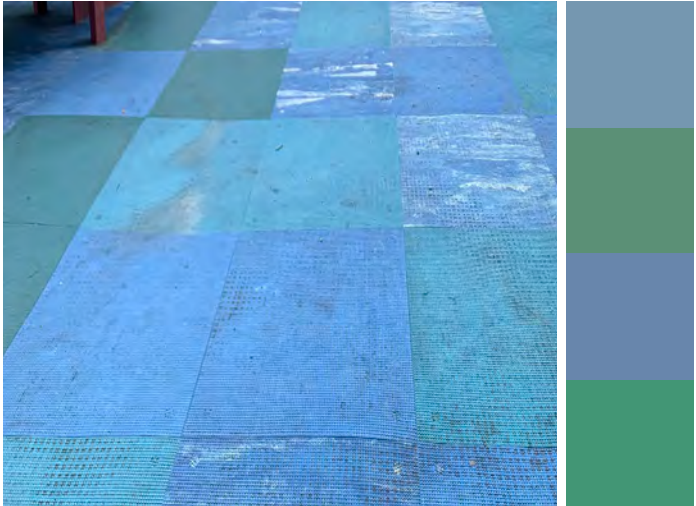
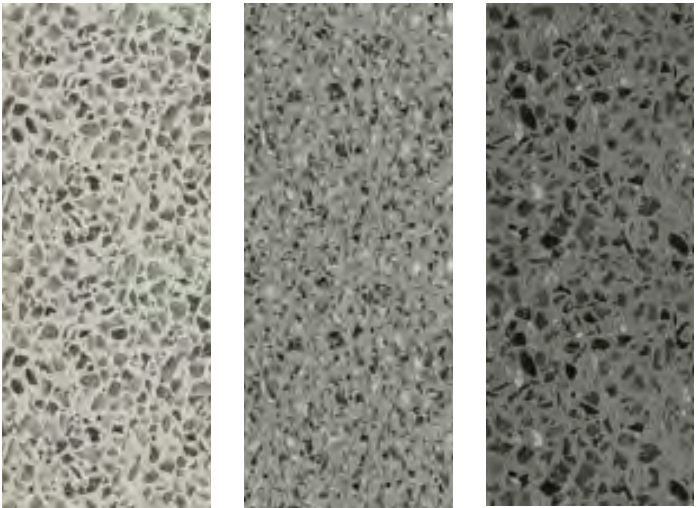
Paving - Playground

Item: Colored Exposed Aggregate Concrete
 Manufacturer: Bomanite, or approved equal
 Color/Finish: EX-RV-011019-05



Paving - Splash Play

Item: Colored Exposed Aggregate Concrete
 Manufacturer: Bomanite, or approved equal
 Color/Finish: EX-RV-082211-08, EX-RV-073119-02, EX-RV-082019-06



Safety Surface - Playground

Item: Safety Surface
 Manufacturer: Mitchell Rubber, or approved equal
 Dimensions: 48" x 48"
 Color/Finish: 12, 22, 08, and 15



Synthetic Turf - Playground

Item: Synthetic Turf
 Manufacturer: AstroTurf, or approved equal
 Color/Finish: PureGrass, or approved equal



3'-0" HT Steel Fence and Gate

Item: Steel Fence, Park Standard
 Dimensions: 3'-0" HT
 Color/Finish: Black



Landscape Boulders

Item: Landscape Boulders
 Material: Corinthian Granite



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Playground 5-12 years old



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LOWER CONCOURSE PARK

Playground 2-5 years old



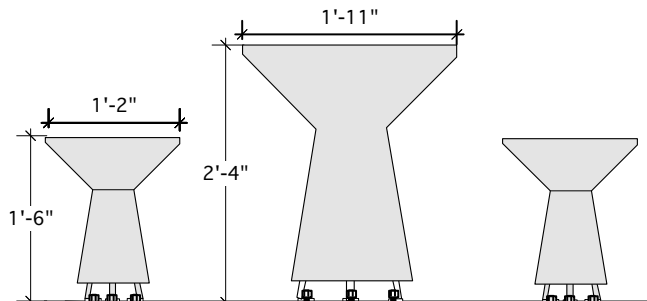
Stantec sageandcoombearchitects Spear Studio

December 13, 2021



LOWER CONCOURSE PARK

Playground Overall with Swings



NTS

LOWER CONCOURSE PARK



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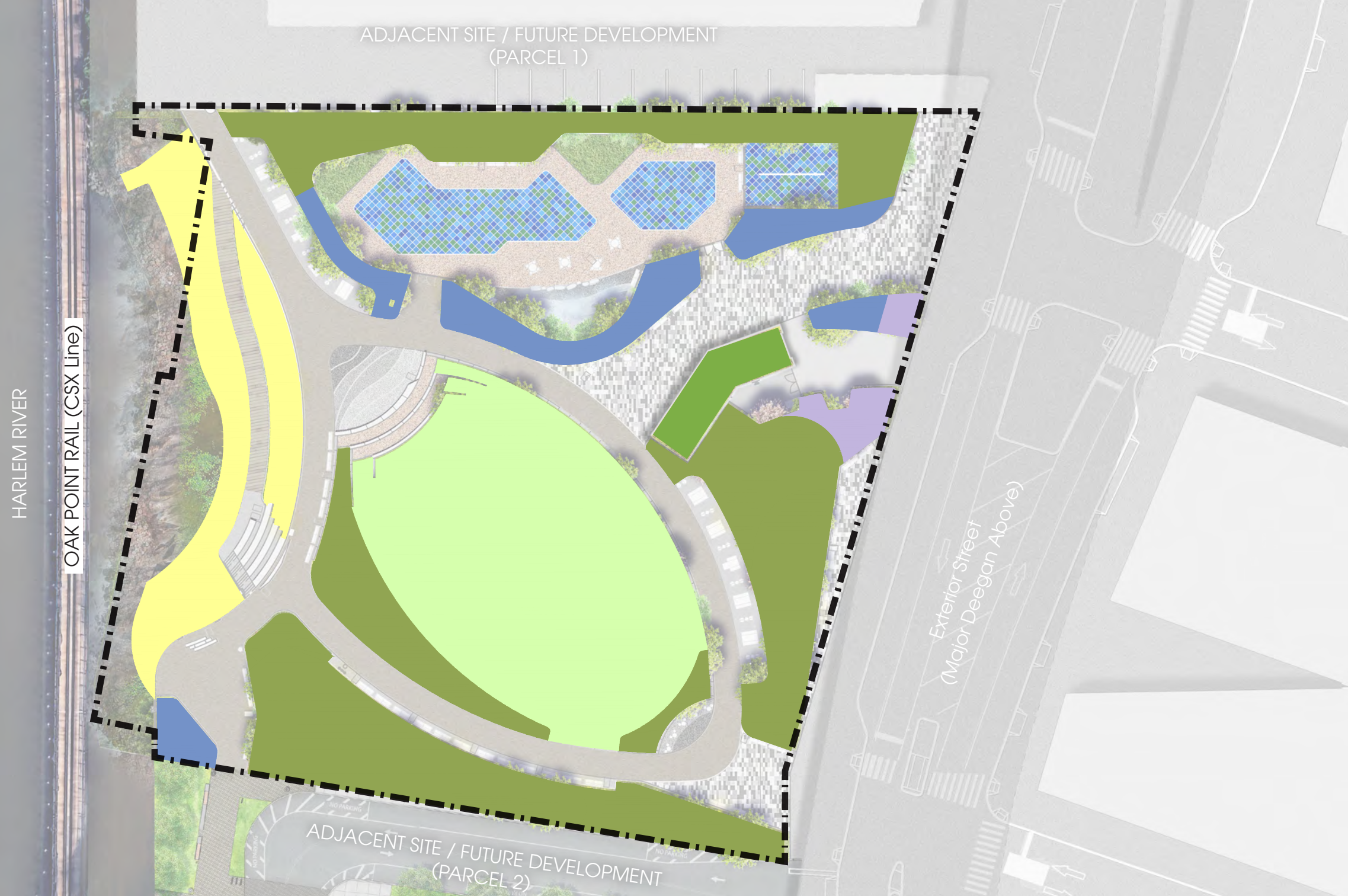
Spear Studio

Sonic Architecture, Drums + Seats (All Ages)

December 13, 2021

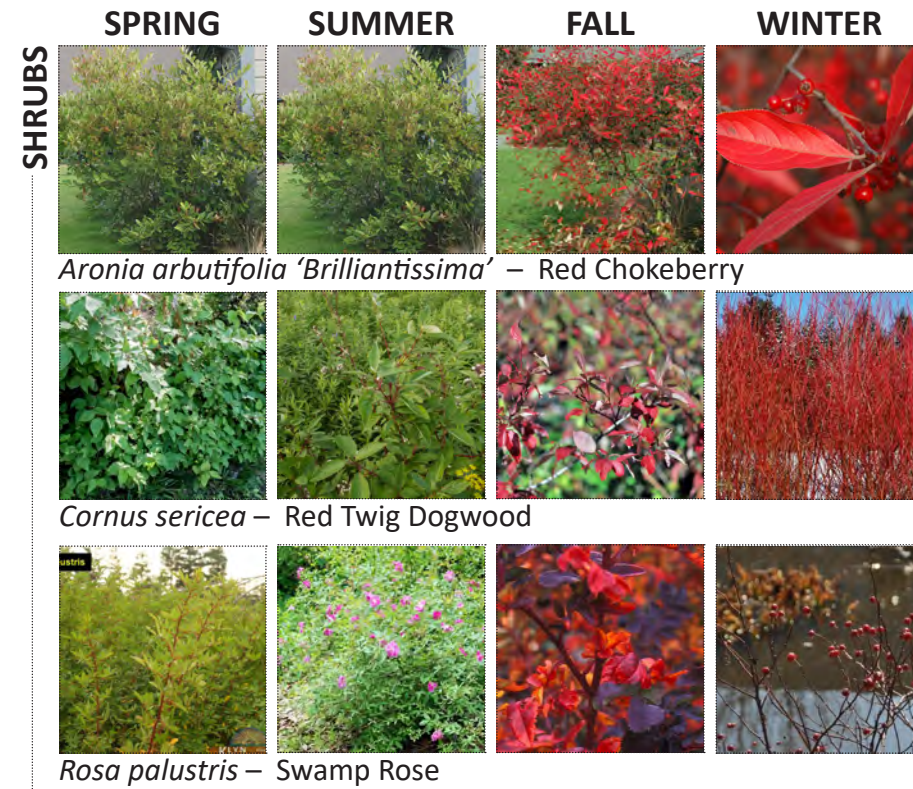
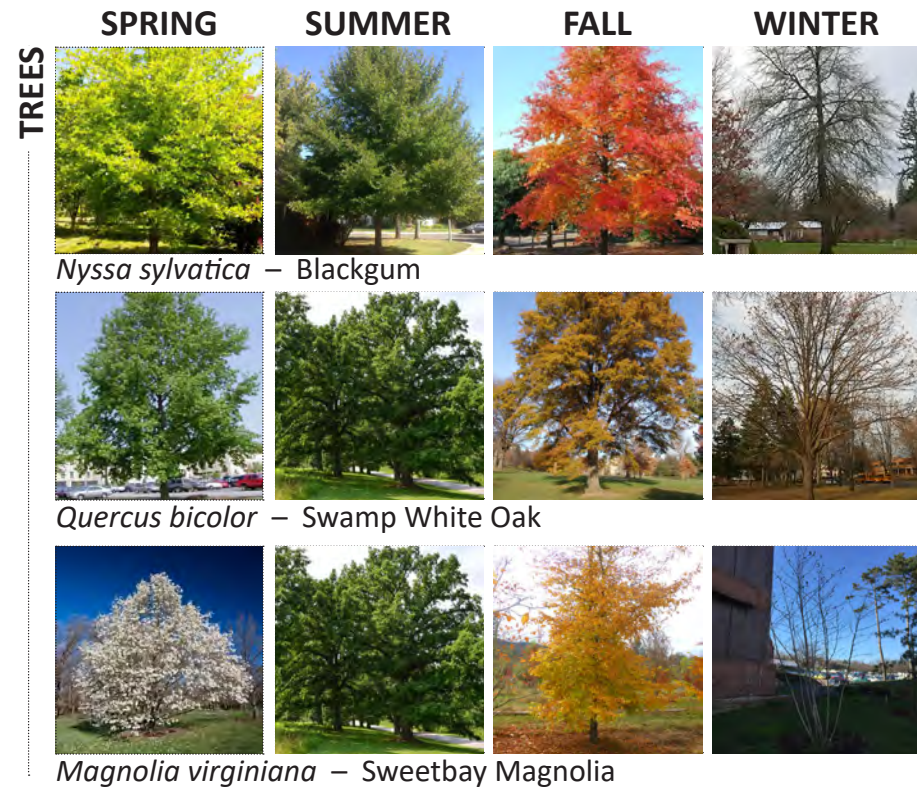
Legend

- Project Limit
- Living Shoreline
- Green Infrastructure
- Upland
- Upland - Shade/Salt
- Lawn
- Green Roof



LOWER CONCOURSE PARK

Planting Diagram



TREES

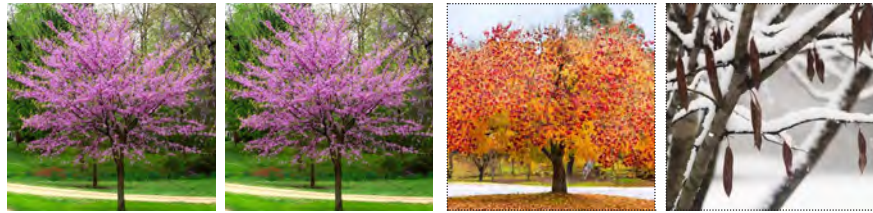
SPRING SUMMER FALL WINTER



Amelanchier x grandiflora 'Autumn Brilliance' – Apple Serviceberry



Acer rubrum – Red Maple



Cercis canadensis – Eastern Redbud



Celtis Occidentalis – Hackberry



Chamaecyparis thyoides – Atlantic White Cedar

SPRING SUMMER FALL WINTER



Cupressus x leylandii – Leyland Cypress



Liquidambar styraciflua – Sweetgum



Pinus strobus – Eastern White Pine



Quercus alba – White Oak

SHRUBS

SPRING SUMMER FALL WINTER



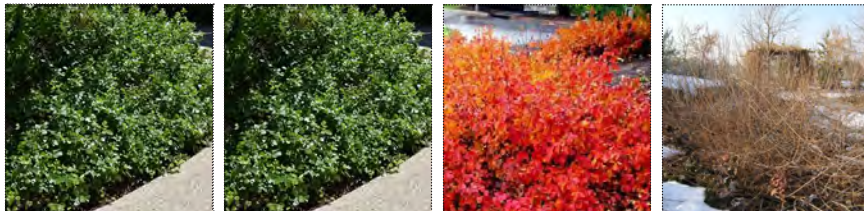
Clethra alnifolia – Sweet Pepperbush



Fotherglla gardenii 'Suzanne' – Dwarf Fothergilla



Ilex glabra – Inkberry



Rhus aromatica 'Gro-Low' – Fragrant Sumac 'Gro-Low'



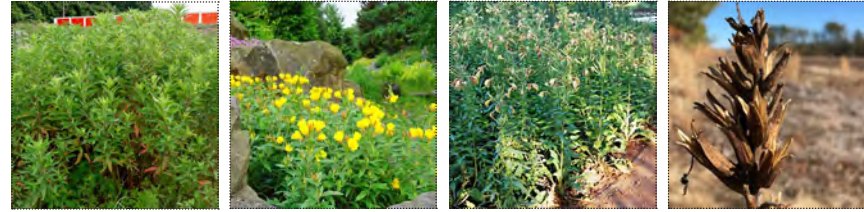
Hamamelis virginiana – Witch Hazel

PERENNIALS & GRASSES

SPRING SUMMER FALL WINTER



Eragrotis spectabilis – Purple Love Grass



Oenothera biennis – Common Evening Primrose



Carex pensylvanica – Pennsylvania sedge

FERNS

SPRING SUMMER FALL WINTER



Thelypteris noveboracensis – New York Fern

GREEN ROOF

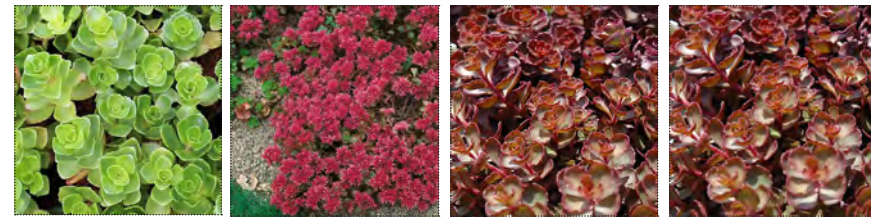
SPRING SUMMER FALL WINTER



Sedum sexangulare – Tasteless Stonecrop



Sedum spurium 'John Creech' – Caucasian Stonecrop



Sedum spurium 'Summer Glory' – Dragon's Blood Stonecrop

GREEN ROOF

SPRING SUMMER FALL WINTER



Sedum kamtschaticum – Kamchatka Stonecrop



Sedum rupestre – Blue Stonecrop



Sedum immergrünchen – Phedimus Stoloniferus

SHRUBS & PERENNIALS & GRASSES

SPRING	SUMMER	FALL	WINTER
<i>Prunus manritima</i> – Beach Plum			
<i>Myrica pensylvanica</i> – Bayberry			
<i>Ammophila breviligulata</i> – American Beach Grass			
<i>Schizachyrium scoparium</i> – Little Bluestem			
<i>Solidago sempervirens</i> – Seaside Goldenrod			

Waterfront Overlook

PERENNIALS & GRASSES

SPRING	SUMMER	FALL	WINTER
<i>Juncus gerardii</i> – Black Grass			
<i>Distichlis spicata</i> – Saltgrass			
<i>Scirpus pungens</i> – Chairmaker's Rush			
<i>Spartina cynosuroides</i> – Big Cordgrass			
<i>Spartina patens</i> – Saltmeadow Cordgrass			

High & Low Salt Marsh

PERENNIALS & GRASSES

SPRING	SUMMER	FALL	WINTER
<i>Limonium carolinianum</i> – Carolina Sea Lavender			
<i>Panicum virgatum</i> – Switchgrass			
<i>Spartina alternifolia</i> – Smooth Cordgrass			

Comfort Station



LOWER CONCOURSE PARK

Comfort Station Aerial Looking Southeast



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LOWER CONCOURSE PARK

Comfort Station View Looking South



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LOWER CONCOURSE PARK

Comfort Station View Looking West



LOWER CONCOURSE PARK

Comfort Station View Looking Northeast

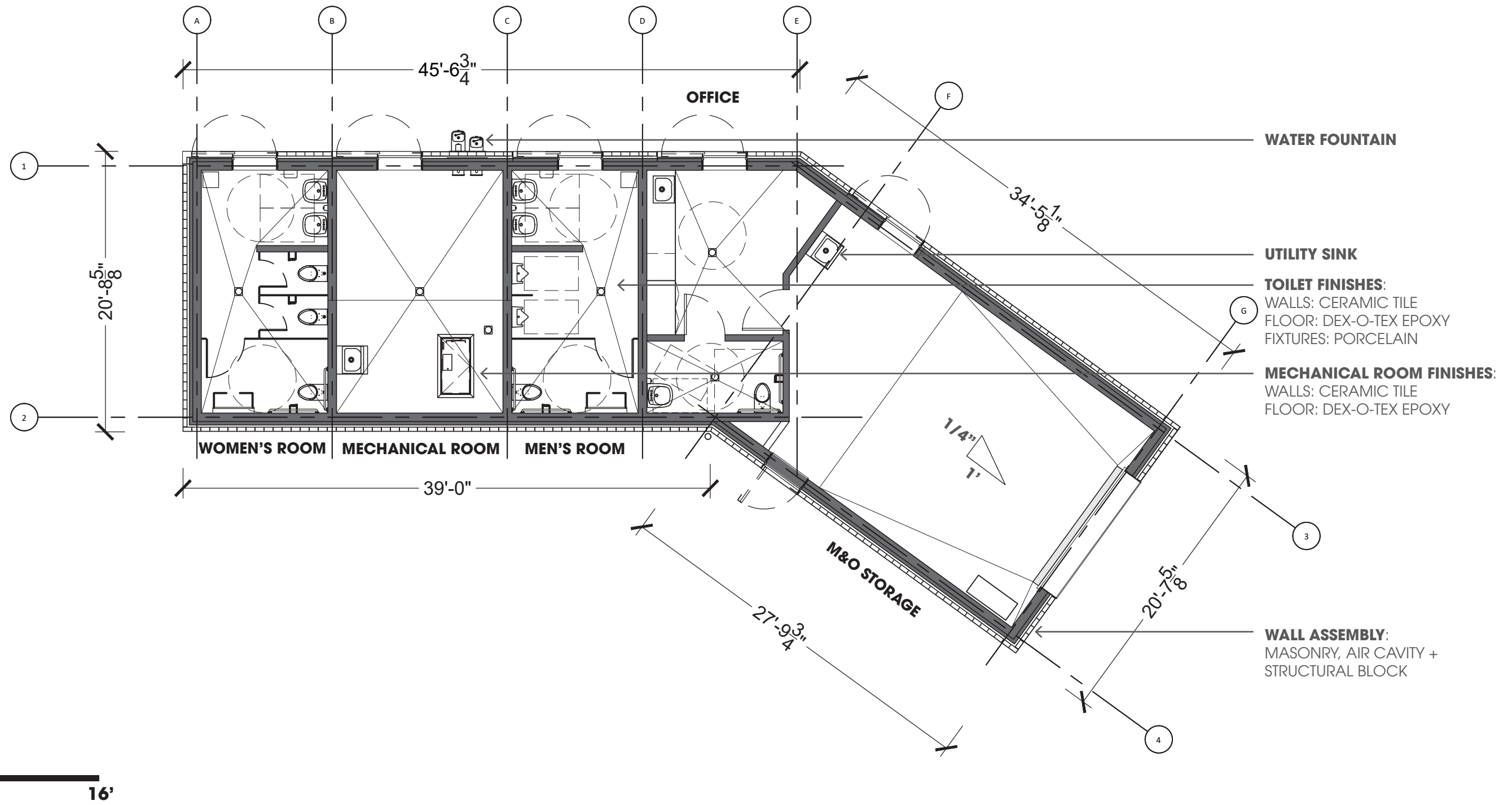


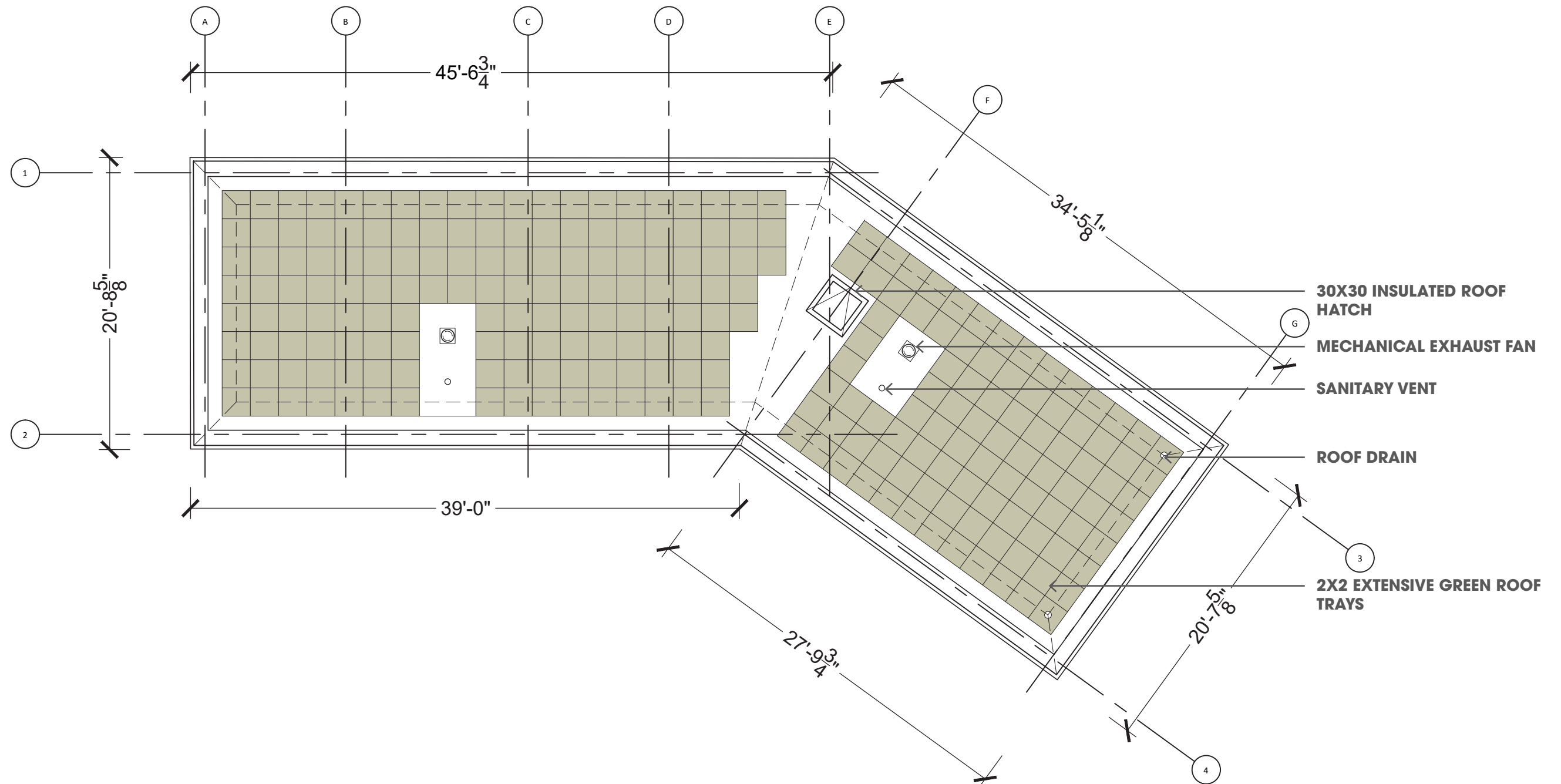
Stantec

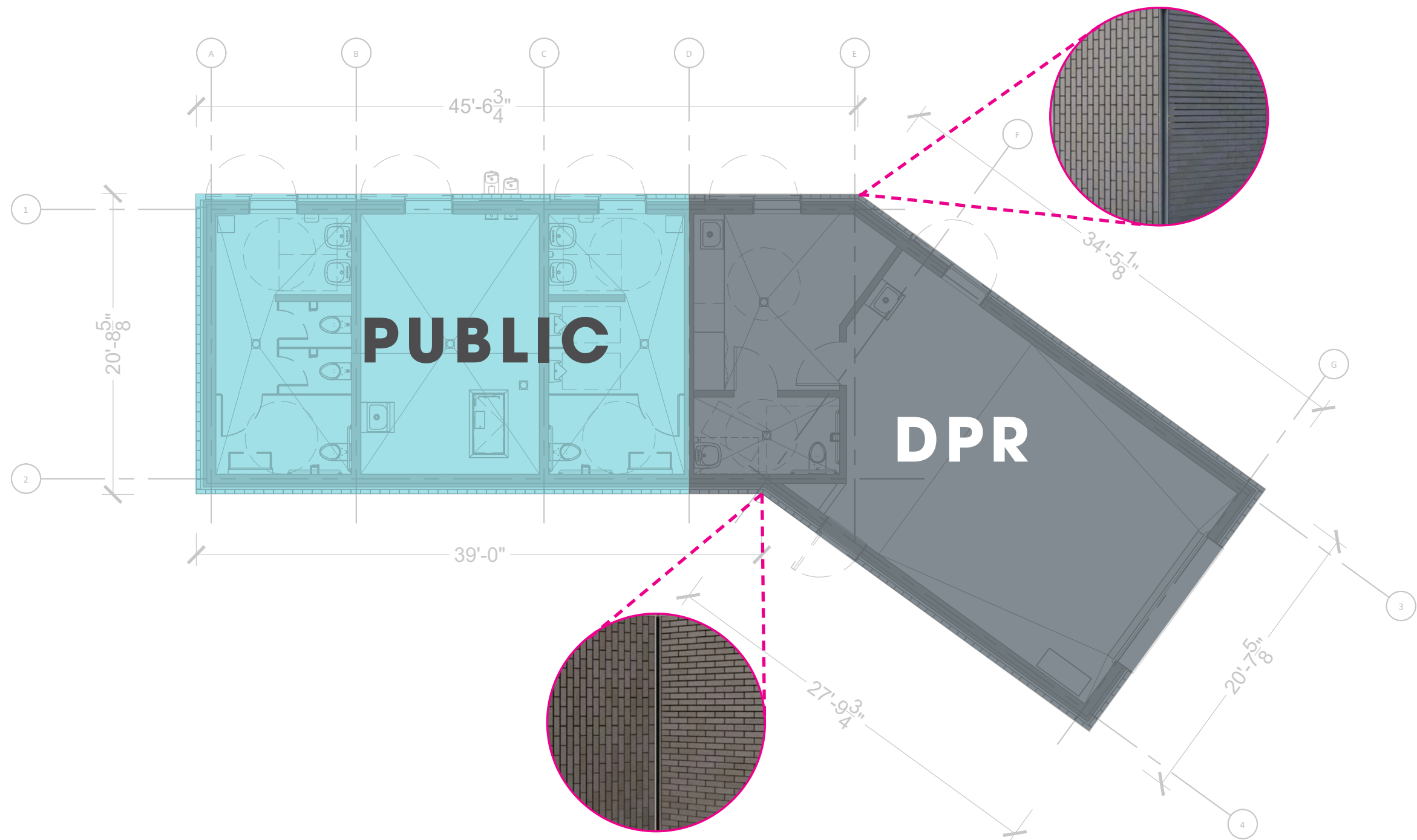
sageandcoombearchitects

Spear Studio

December 13, 2021







LOWER CONCOURSE PARK



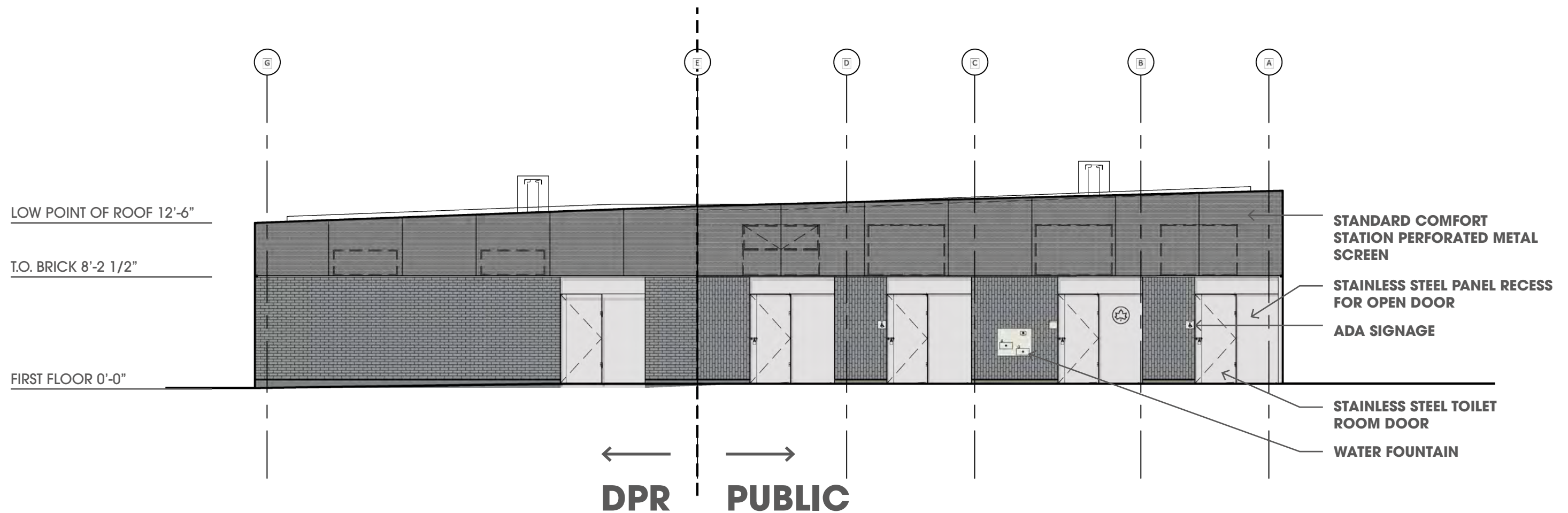
Stantec

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Comfort Station Program Diagram

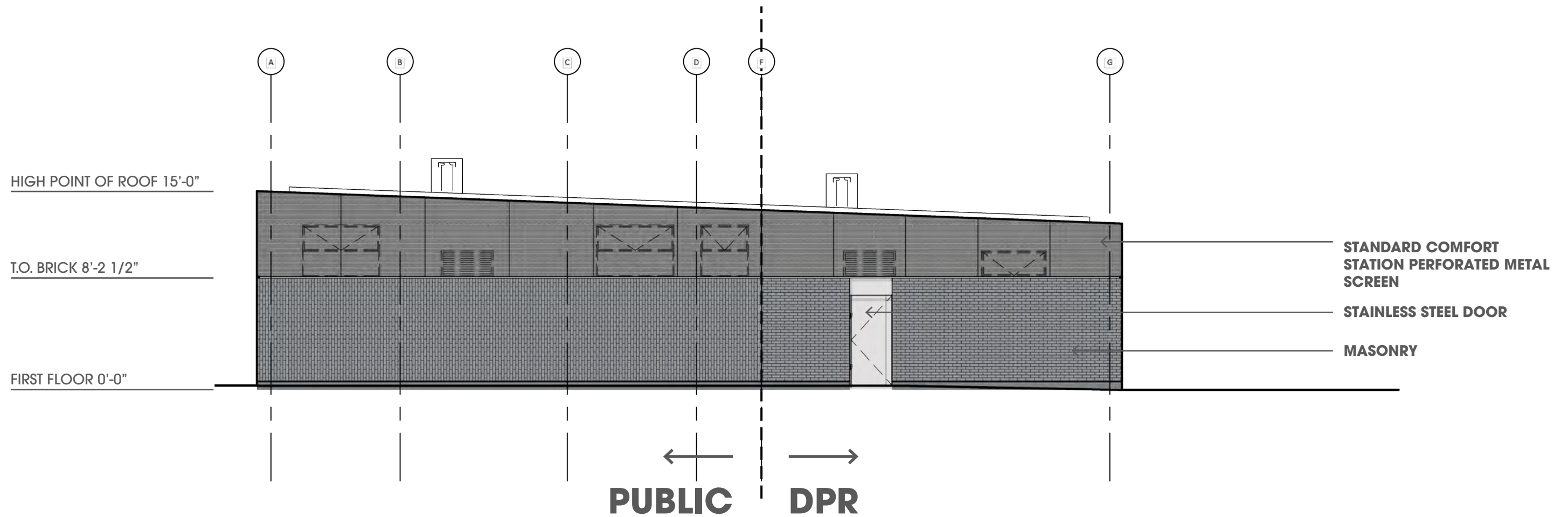
December 13, 2021

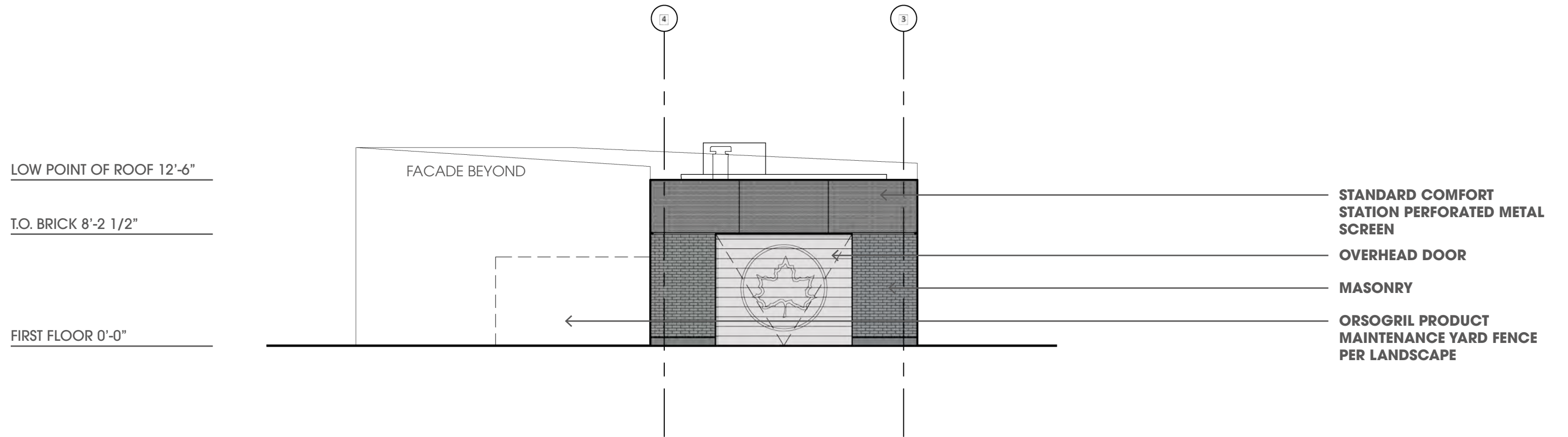


0' 8' 16'

LOWER CONCOURSE PARK

Comfort Station Developed North Elevation





0' 8' 16'

LOWER CONCOURSE PARK

NYC / EDC



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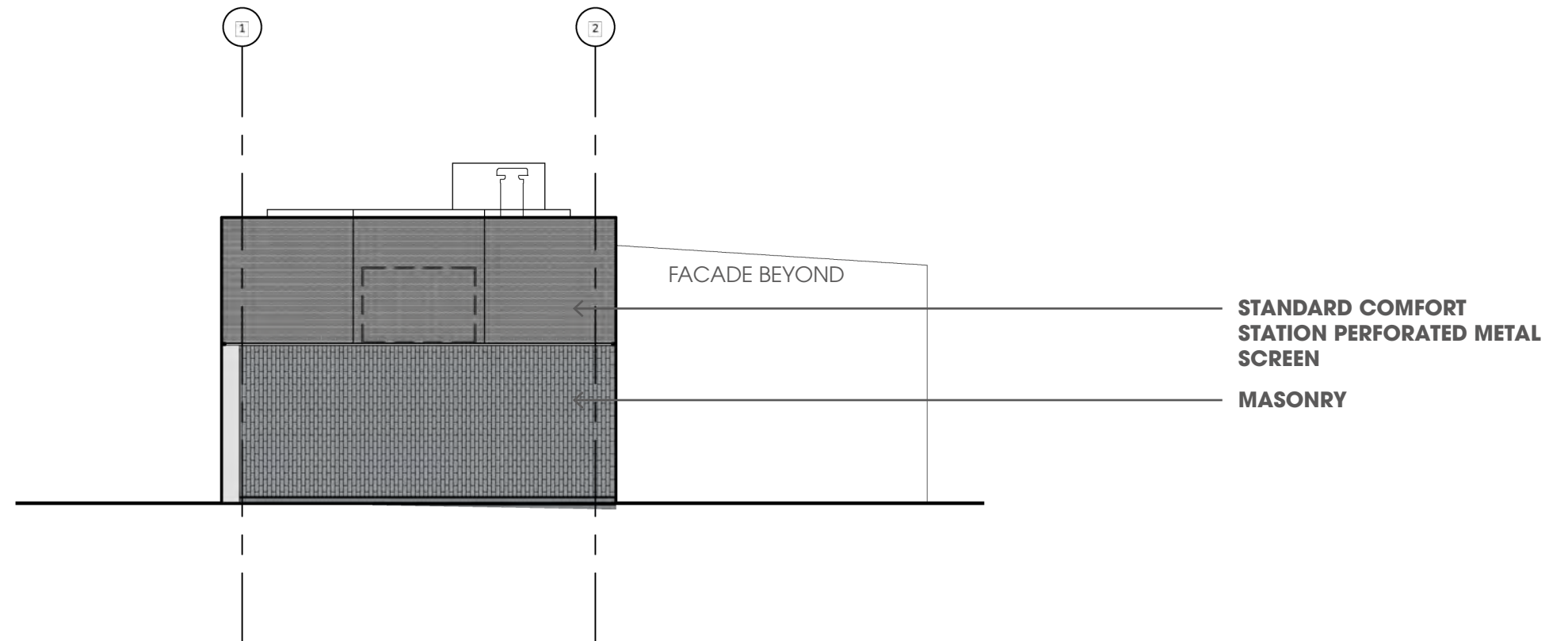
Comfort Station East Elevation

December 13, 2021

LOW POINT OF ROOF 15'-0"

T.O. BRICK 8'-2 1/2"

FIRST FLOOR 0'-0"



0' 8' 16'

LOWER CONCOURSE PARK

NYC / EDC



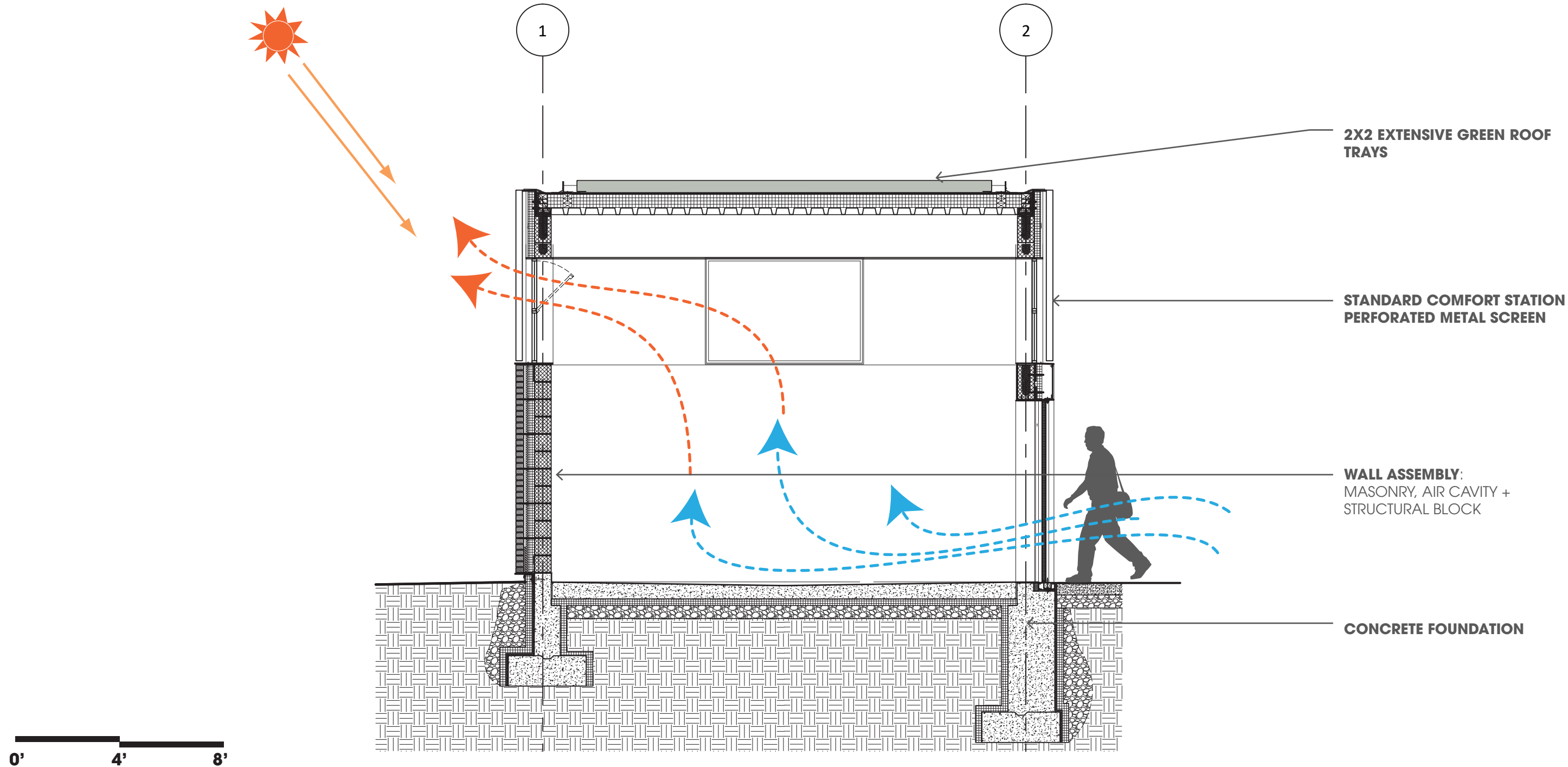
Stantec

sageandcoombearchitects

Spear Studio

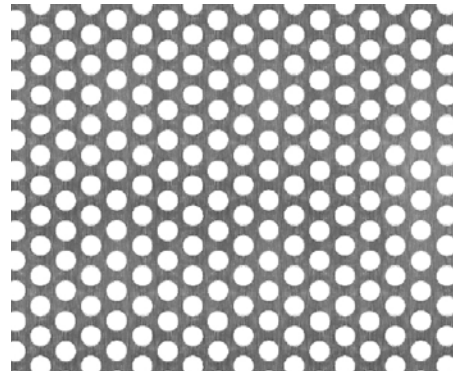
Comfort Station West Elevation

December 13, 2021

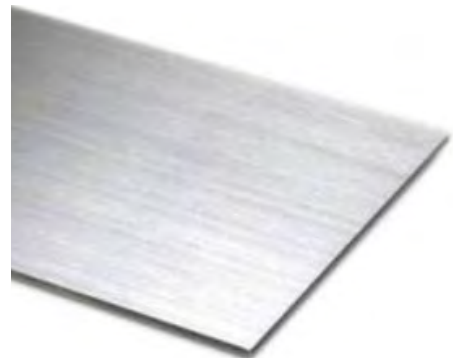


LOWER CONCOURSE PARK

Comfort Station Environmental Section



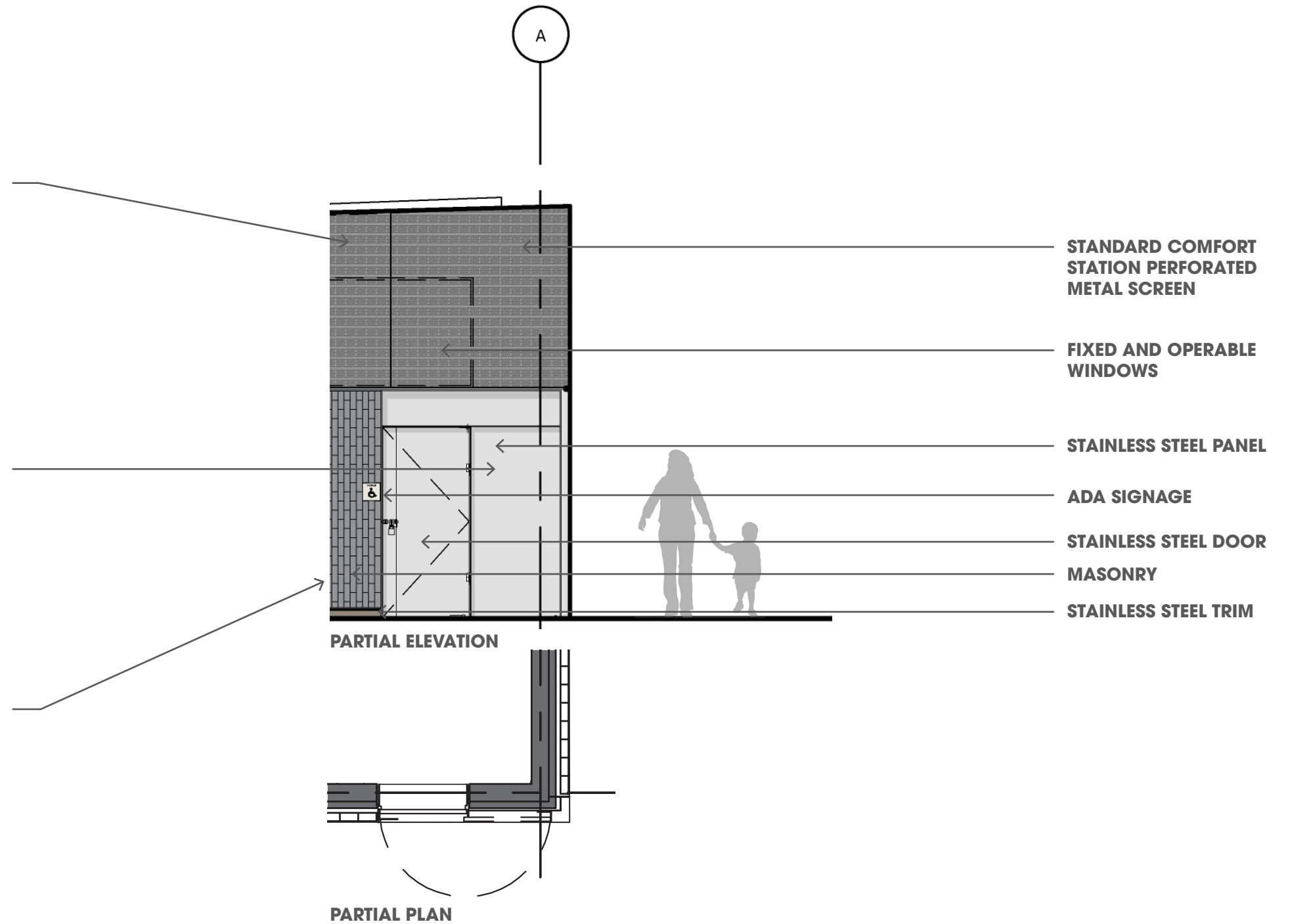
**STANDARD COMFORT STATION
PERFORATED METAL SCREEN**



STAINLESS STEEL PANEL

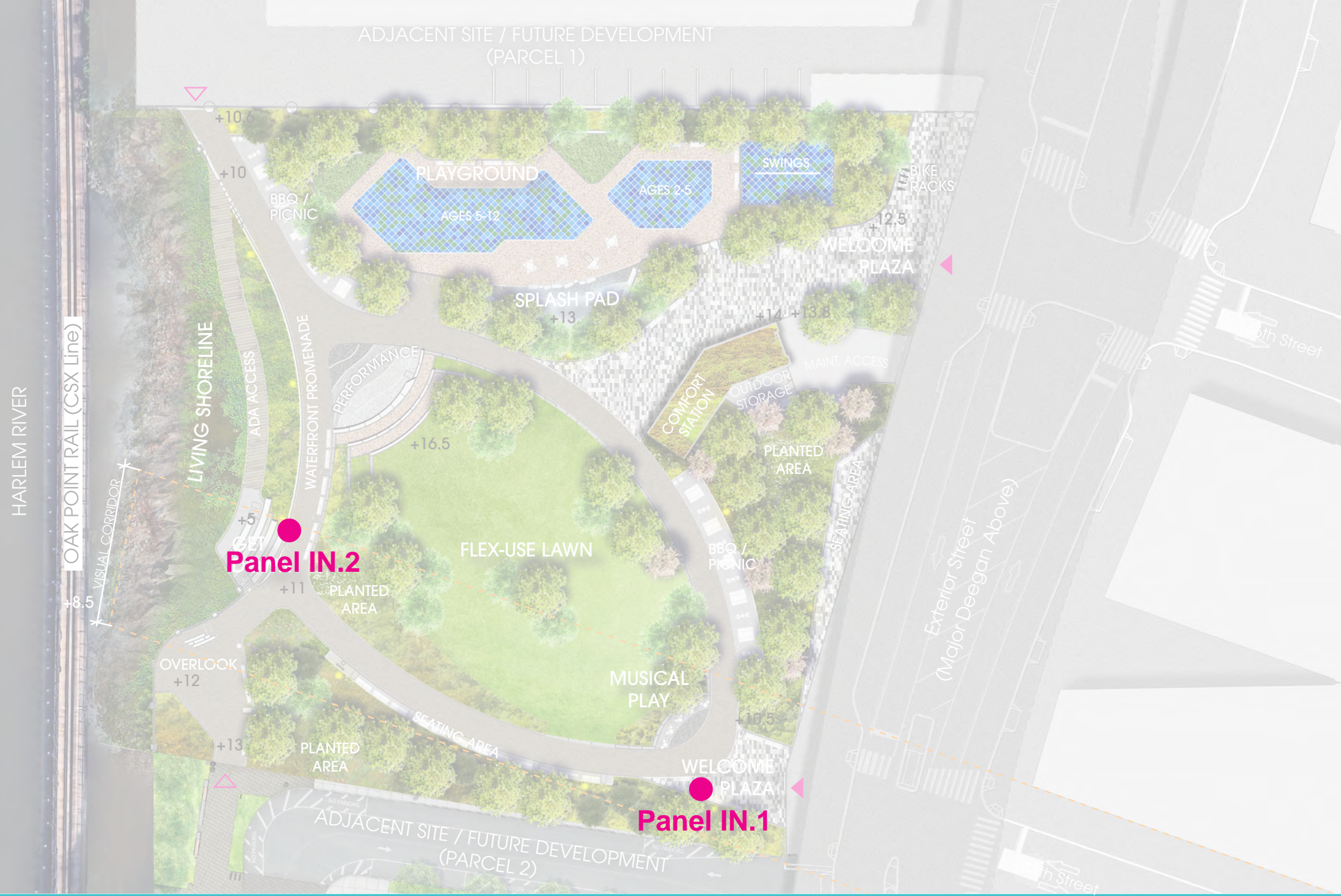


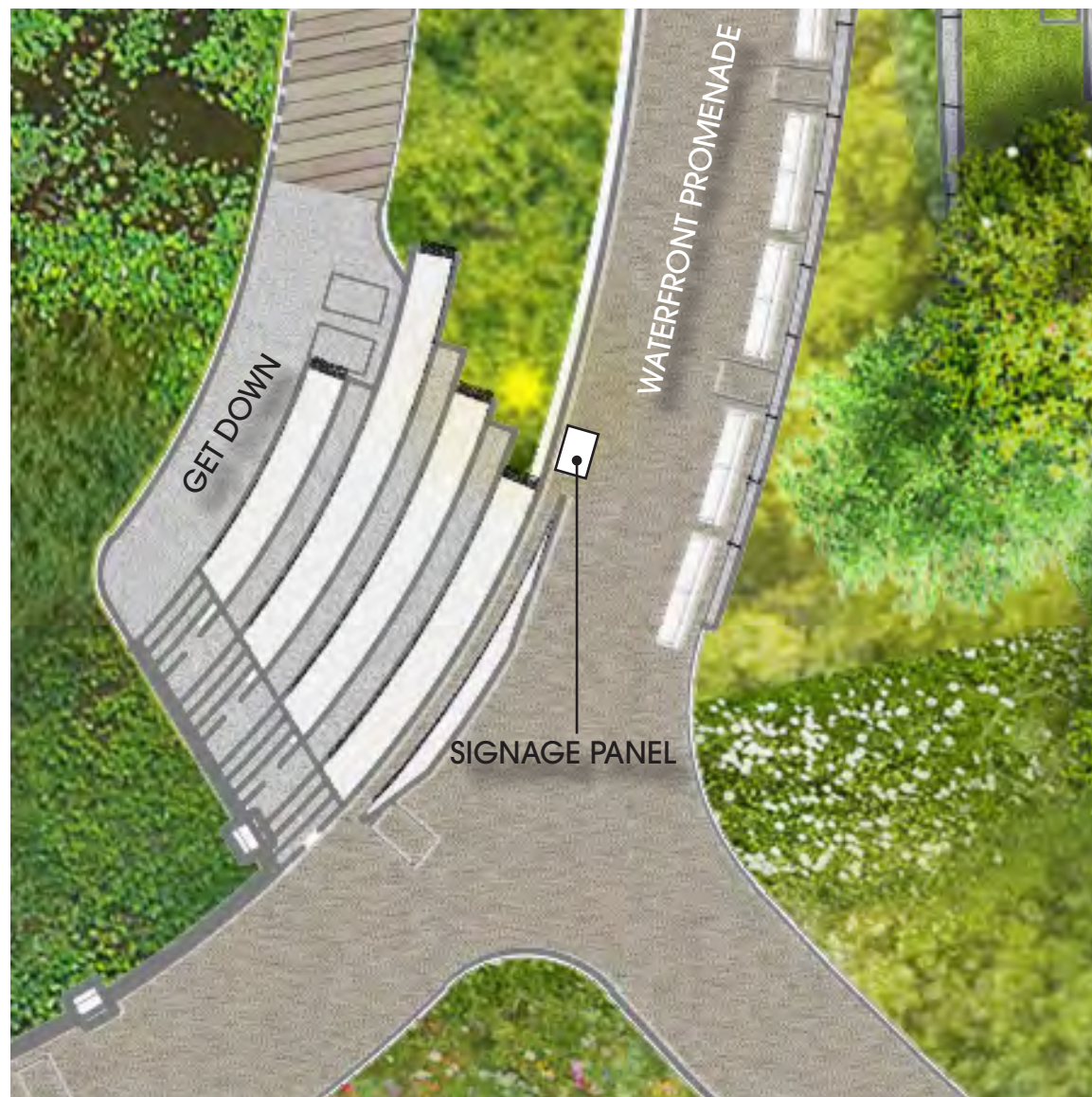
IRONSPOT BRICK



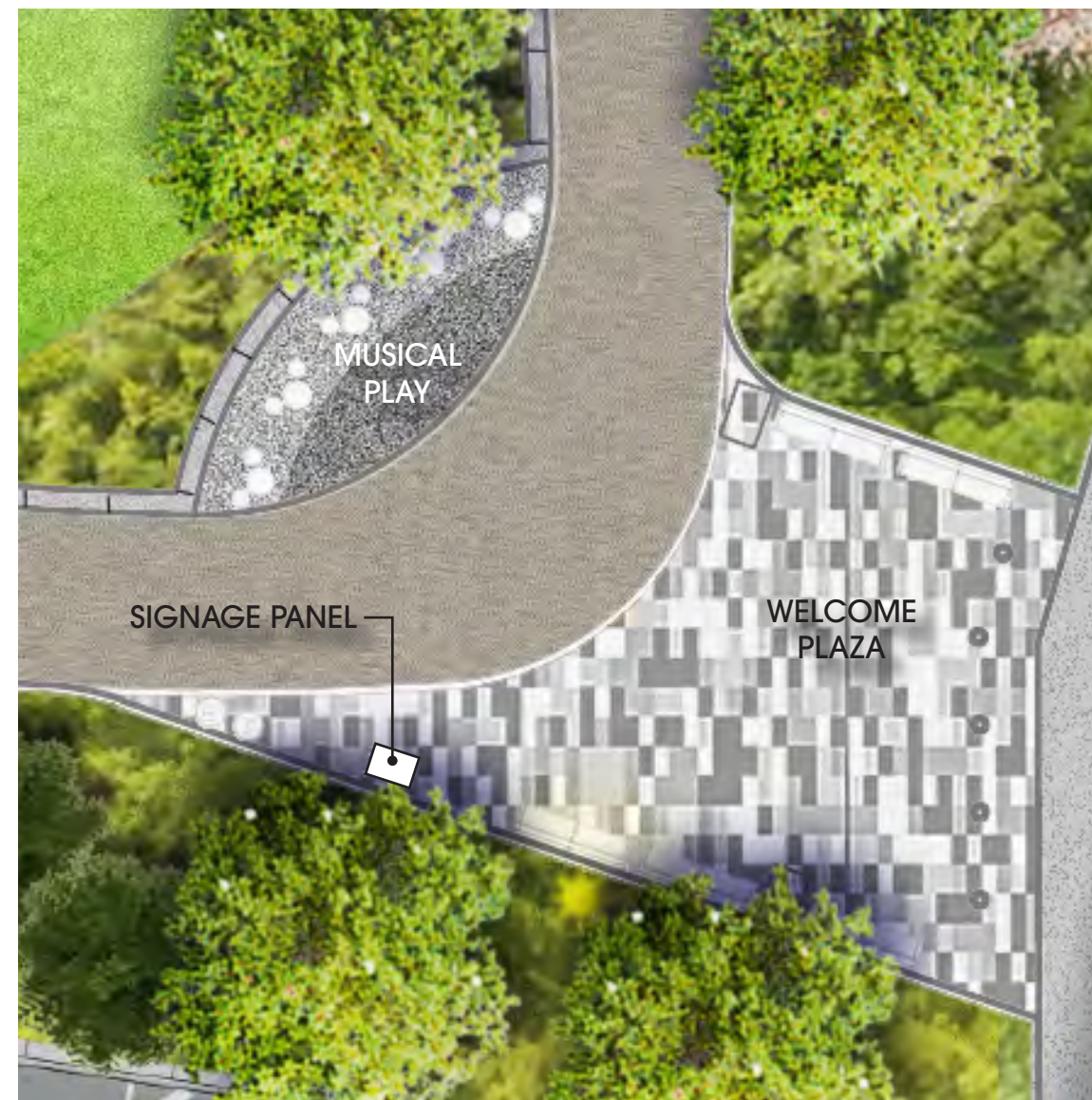
Legend

- Project Limits
- Asphalt Block Pavers
- Concrete Block Pavers
- Colored Exposed Aggregate Concrete
- Colored Exposed Aggregate Concrete
- Concrete Pavement
- Concrete Plank on Piers
- Oyster Reef
- Breakwater
- Park Entrance
- Future Connections
- Flushing Meadows Light Pole
- 1964 Worlds Fair Bench
- BBQ Grills
- Picnic Tables
- Tables and Chairs
- Trash Receptacle
- Bike Rack
- Drinking Fountain and Bottle Filler
- Musical Play Drums
- Landscape Boulders
- Canopy Tree
- Evergreen Tree
- Small Tree
- Flowering Tree



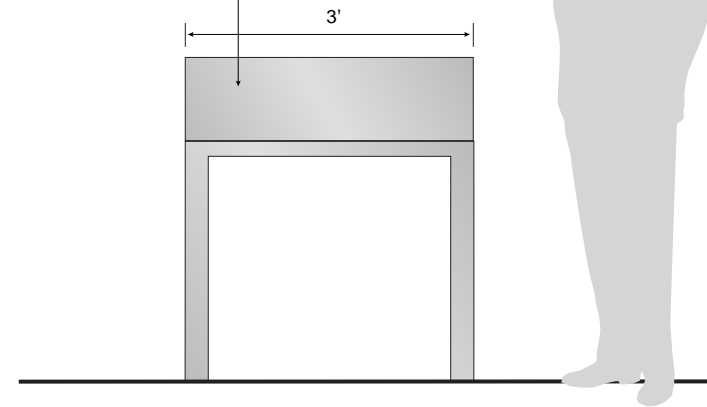


Signage Panel IN.2



Signage Panel IN.1

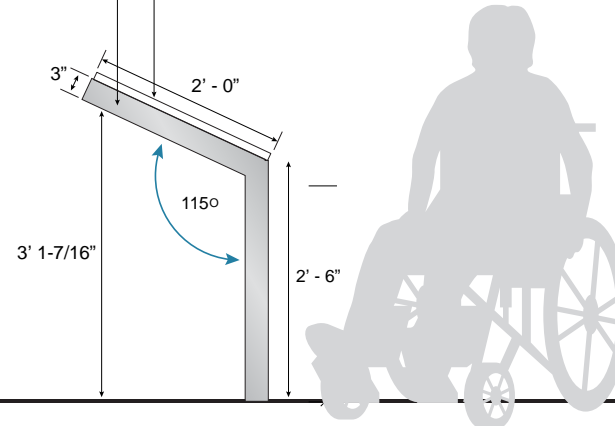
HIGH PRESSURE LAMINATE GRAPHIC PANEL, MECHANICALLY FASTENED TO SIGN STRUCTURE, ALL HARDWARE CONCEALED



ELEVATION: DOUBLE POST, GROUND MOUNT

3' X 3' SQUARE, 1/8" ALUMINUM TUBING W/ RANDOM BRUSH FINISH AND CLEAR COAT

36" X 24" X 1/2" THICK HIGH PRESSURE LAMINATE PANEL



SIDE VIEW: DOUBLE POST, GROUND MOUNT

1 SIGN TYPE STRUCTURE
Scale: 1" = 1'-0"



PANEL IN.1

Southern Entrance / 144th St.

Quality of Life & Social Justice, Regional History Arts & Culture

- 1) Bronx “Birthplace of Hip Hop” Musical Style
 - Influenced by Soul, Motown, Latin, Caribbean, African and electronic music
 - Developed at local parties, parks, schools & rec. centers
- 2) Hostos Community College
 - Grassroots community effort, first bilingual college
 - Movement to save it from closing during mid 70’s financial crisis
 - (alt) Nurturing the Arts in a Cultural Capital
- 3) Redlining, Blockbusting, White Flight Precipitate Local Social Justice Movements and Advocacy Groups
 - Young Lords’ radical social activism; demand resources for Bronx’s minority residents and area institutions — neighborhood lead testing, Lincoln Hospital occupation, development of “Patients Bill of Rights”



The Boogie Down Bronx: A Legacy of Activism and the Arts

The Bronx has a long history as a destination for immigrant communities, and today it stands as one of the most diverse regions in the country. The Bronx's rich mix of cultures has led to its reputation as an incubator for musical and artistic creativity. Globally celebrated styles of music and dance, including Hip Hop and breakdancing, trace their origins to the Bronx of the 1970s through the 1990s.

The Bronx is also the birthplace of social advocacy movements that have had far-reaching impacts. After racially-motivated policies left many residents lacking housing and essential resources, activist groups sprung up in the 1960s and '70s to fight for their rights. The results of these efforts included the creation of a local bilingual college, and the drafting of a Patient's Bill of Rights, versions of which are now used in hospitals across the country.

A College for the South Bronx

April of 1968 saw the founding of Hostos Community College in response to activists' calls for a local, bilingual institute of higher education. In the spirit of its founding, the college has a long tradition of advocacy, and when threatened with closure during the financial crisis of 1975-76, the student-led "Save Hostos" movement helped to keep it open.



NYC Parks



A Musical Style Born In The Bronx

The Bronx is known throughout the world as the "Birthplace of Hip Hop," which was influenced by the sounds of Soul, Motown, Latin, Caribbean, African, and electronic music. The musical style was developed at parties in local parks, schools, and recreation centers.

The Young Lords

The Young Lords was a radical social activist group established by Puerto Rican and other concerned residents of the Bronx and Harlem. They conducted lead testing, provided free breakfast to local children, and occupied the neglected Lincoln Hospital, demanding quality health care for the community.



(Background image) Hip-hop: Moon Machine in concert at the Third Ave Hall, credit: Joe Corbis, Jr.; Archives: Graduate from top to bottom: stage of the Young Lords; credit: Joe Corbis, Jr.; The Young Lords demonstrate for public health, credit: John Sotomayor/The New York Times; Hostos Community College students protest its closure, credit: David A. Mayer Collection; Hostos Community College Archives and Special Collection/The City University of New York.



LOWER CONCOURSE PARK

Welcome Plaza at 144th Street



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December 13, 2021

PANEL IN.2

Waterfront Overlook

Park Features, Green Infrastructure, Waterfront Restoration, Area Ecology

- 1) Designing for periodic flooding and rain
 - Elevated Landscaped Area
 - Flood permeable green infrastructure
- 2) Shoreline restoration efforts, ecology and importance of intertidal zones
 - Dismantling and “greening” hard river edge
 - Reintroducing oysters and other filter-feeders
 - Hurricane/storm events and sea level rise



LOWER CONCOURSE PARK

NYC / EDC



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Spear Studio

Interpretive Signage

December 13, 2021

Greening the Waterfront for a Healthy Community

Since the times of heavy industry in the Bronx and Harlem, the waterfront had been filled, paved, lined with high seawalls, and made largely inaccessible to the community. Today, [Park Name tbd] is designed to be responsive to the realities of climate change and other environmental considerations while serving the South Bronx as a place to gather and enjoy nature.

Ecology of the Intertidal Zone

The "intertidal zone" — the shoreline area which forms the border between the water and the land — is home to many types of plants and animals which help to maintain a healthy river ecosystem.

Oysters - Small But Mighty!

Lodged among the shoreline rocks and aquatic plants, oysters and other "filter-feeders" help to filter and clean the water of harmful pollutants. Though small in size, they are important in making the river a safe habitat for fish and other creatures.

Harlem River

Breakwater
Shoreline
Protection



Why "Living Shorelines" Matter

Living shorelines act as natural barriers to waves, protecting the land from erosion. Shoreline habitats like salt marshes also store greenhouse gases which could otherwise enter the atmosphere and contribute to climate change.

2050 Median High High
Waterline +3.65
Median High High Waterline +2.35
Median High Waterline +2.07

High Salt Marsh
Ecosystem

Low Salt Marsh
Ecosystem

Median Low Waterline -2.36
Median Low Low Waterline -2.53

Designed to Weather The Storms

Many features of the park are specially designed to absorb stormwater and filter out pollutants, keeping them from entering the river and groundwater. Rain gardens, elevated meadows, and "bioswales" (channels planted with water-filtering plants) both serve this purpose and help prevent flooding.



LOWER CONCOURSE PARK

Waterfront Promenade