



Parks

5

Ruppert Park Concept Plan

Located at 2nd Avenue between E 90th Street and E 91st Street, in the Borough of Manhattan.

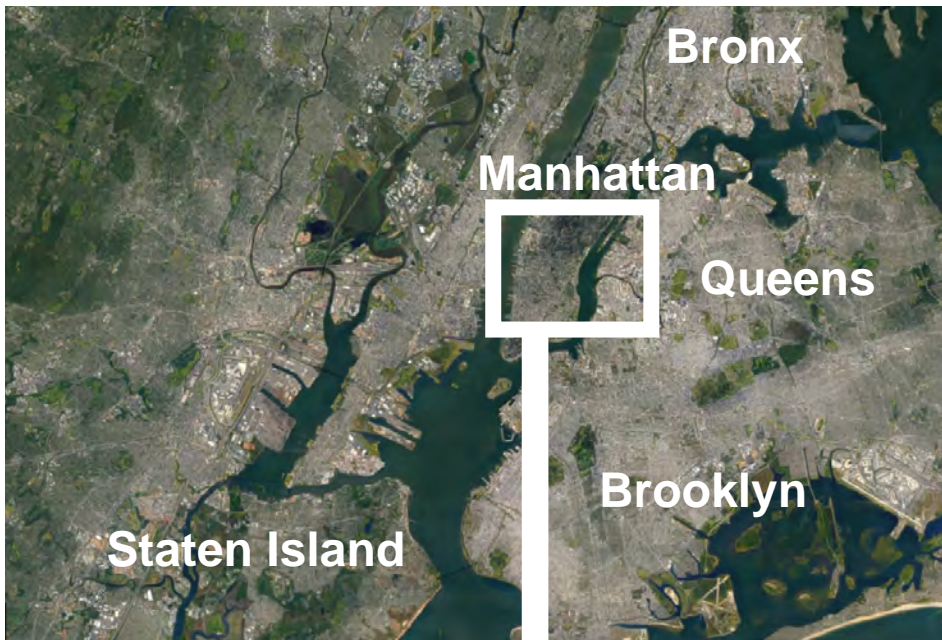
Community Board 8
December 9, 2021
Alex Zervos, NYC Parks

Total Budget:	\$8.894 M	
	City Council District 5, Ben Kallos	\$5.282 FY21/FY 22
	City Council Speaker, Corey Johnson	\$612K FY21
	Speaker Johnson / CM Kallos	
	Manhattan Delegation	\$2.7M FY 22
	City Council District 4, Keith Powers	\$200K FY 22
	Borough President, Gale Brewer	\$100K FY 22

Project Size: 1 acre

Goals

- Provide play spaces for neighborhood children and nearby school groups
- Provide access throughout the park
- Create passive seating and gathering areas



CITY

2 MI

N



NEIGHBORHOOD

1000 FT

N



SITE

0' 25' 50' 125'

N



Ruppert Park | Project Location



Source: <http://www.nyc.gov/floodhazardmapper>

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.

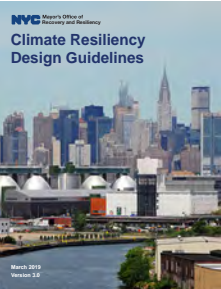
Future Floodplain 2050s

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

Resources (Links):



NYC Parks: Design and Planning for Flood Resiliency

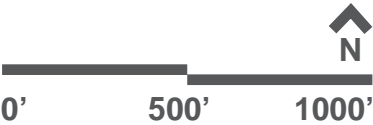


NYC MOCR: Climate Resiliency Design Guidelines (v4.0)



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Ruppert Park | Flood Risk





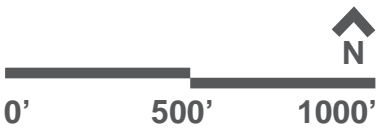
Land Use Categories

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

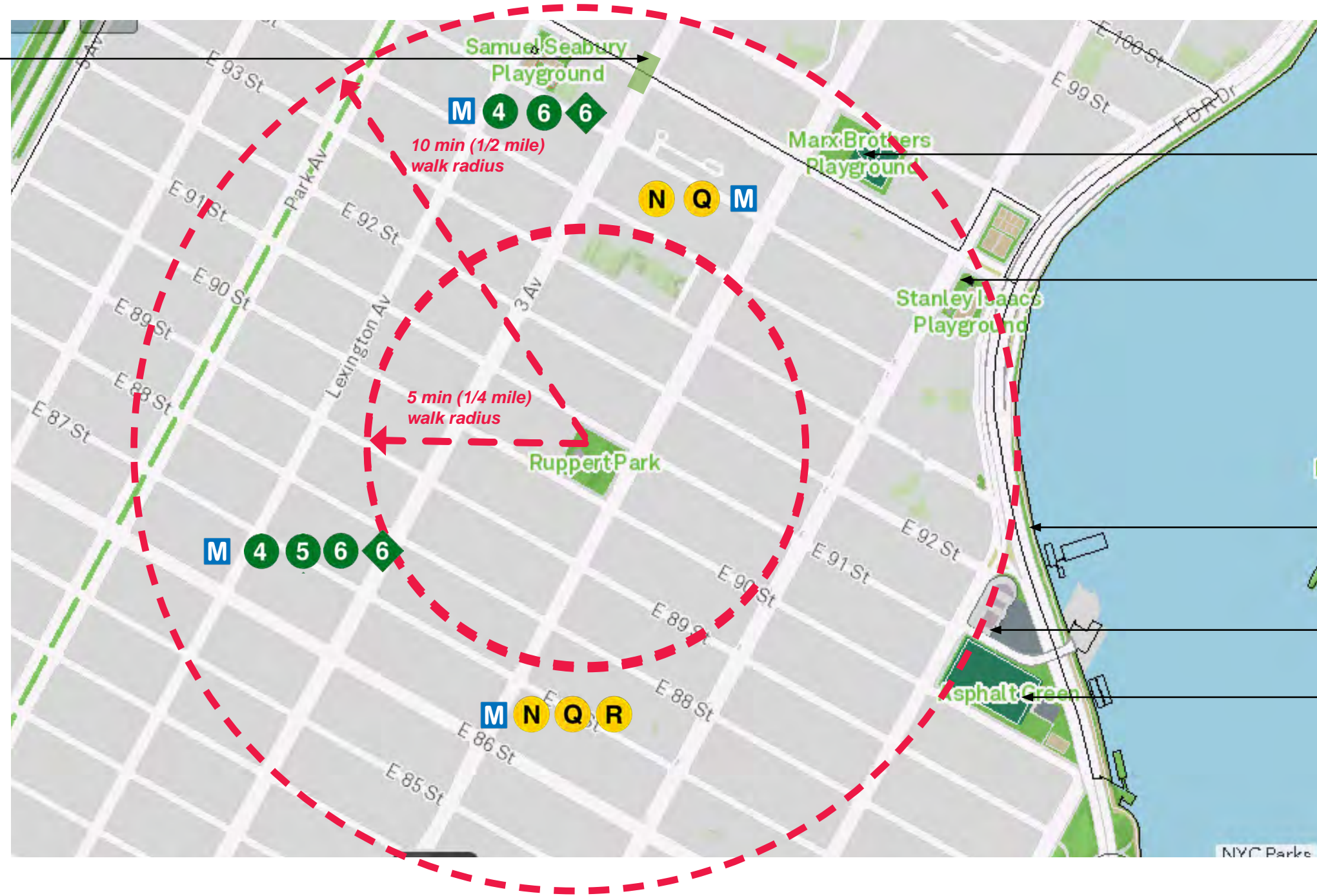


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Ruppert Park | Surrounding Land Use



Samuel Seabury Playground
Basketball Courts
Playground
Bathrooms
Spray Showers



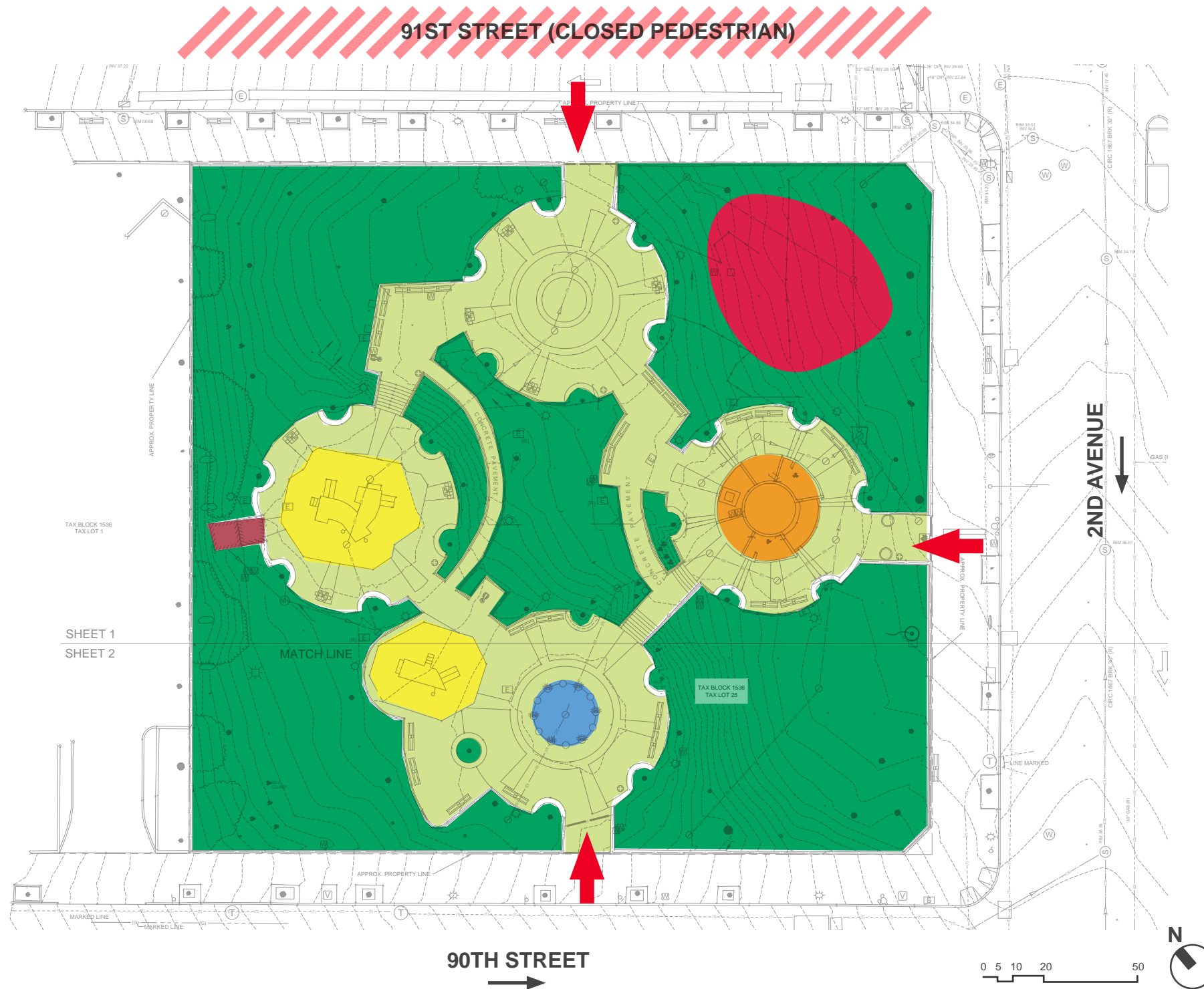
Marx Brothers Playground
Athletic Field

Stanley Isaacs Playground
Playground
Basketball Courts
Handball Courts
Bathrooms
Roller Hockey
Bathrooms

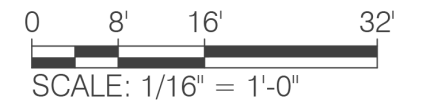
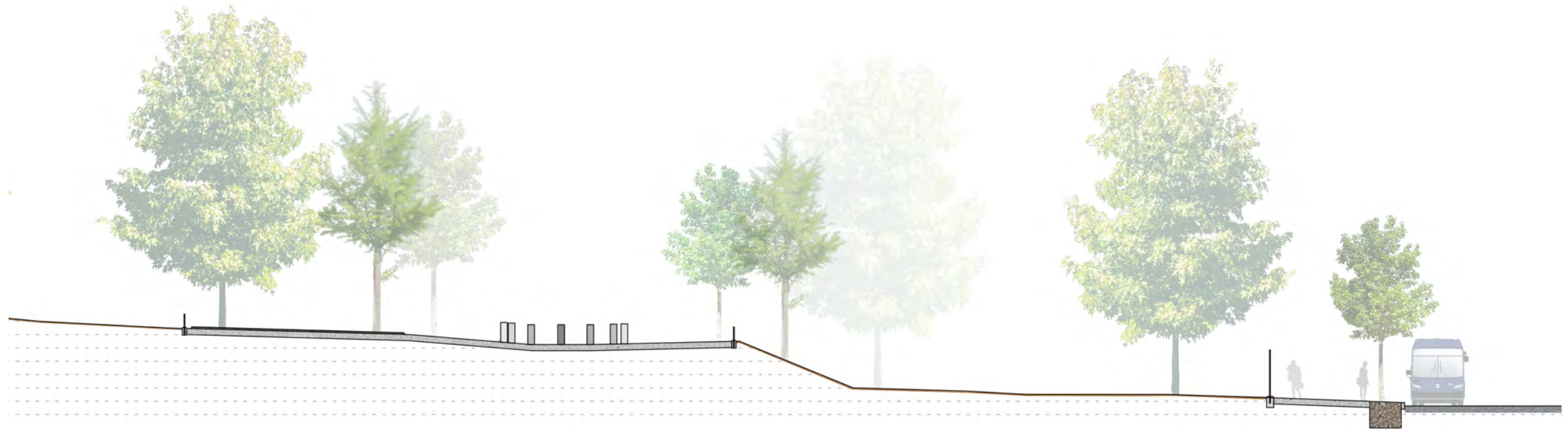
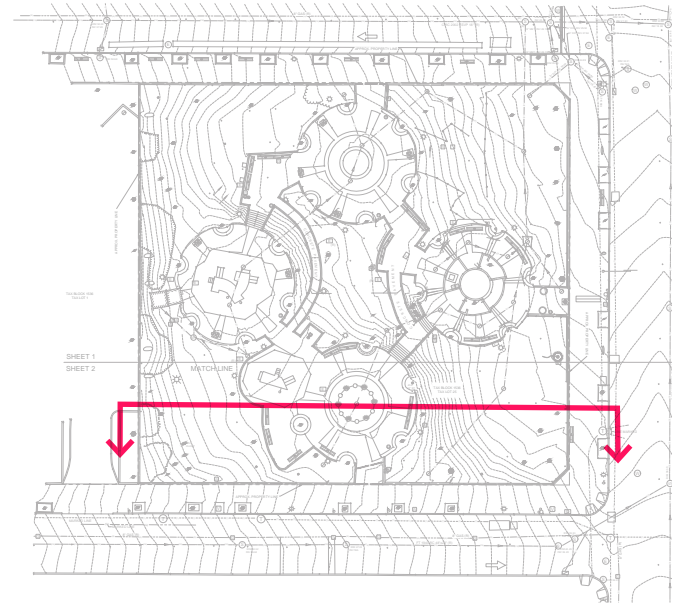
East River Esplanade

DeKovats Playground

Asphalt Green
Athletic Field
Swimming Pool
Fitness Equipment

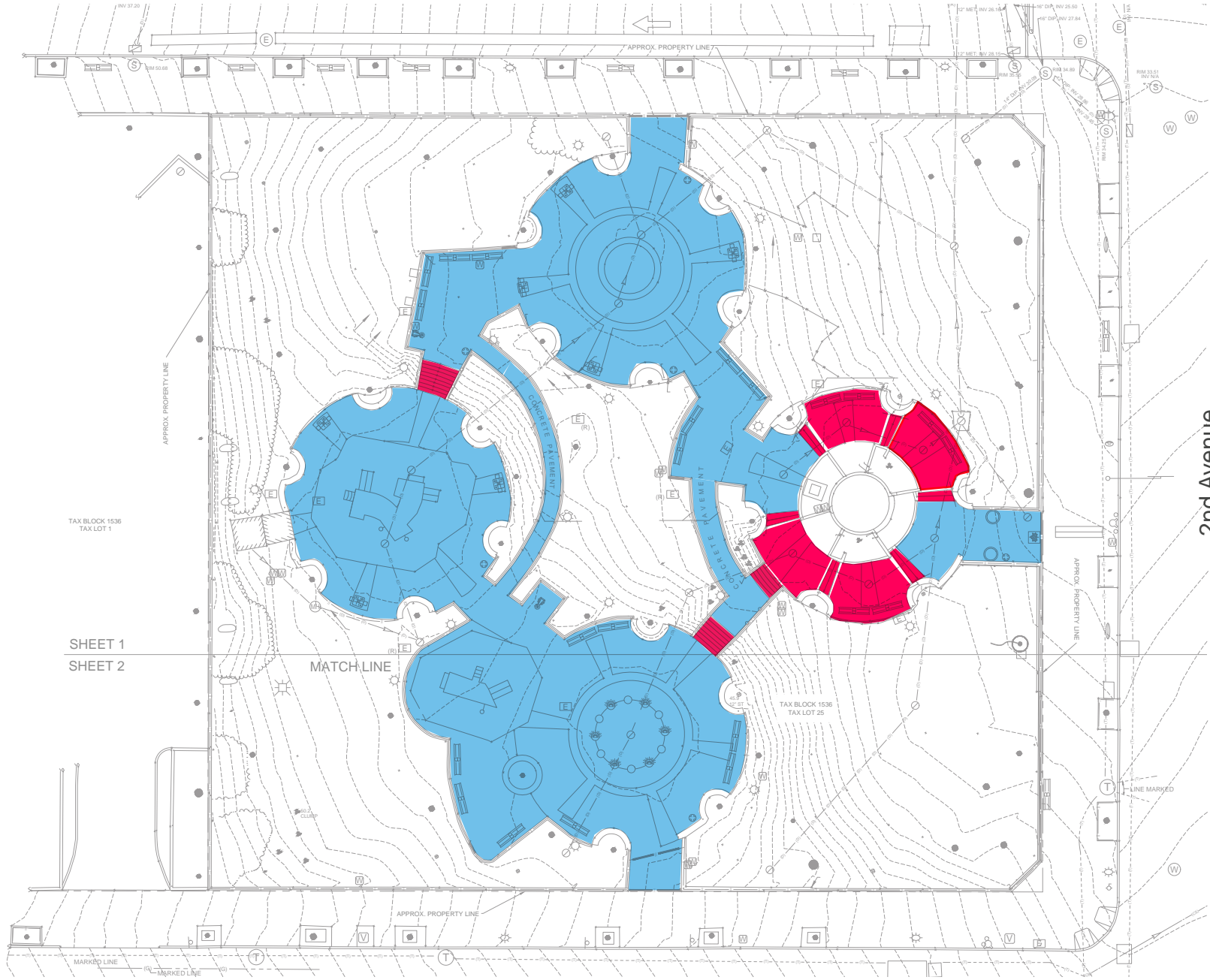


- Play Structure with Safety Surface
- Spray Bollards
- Pavements - Plazas and Paths
- Planted Spaces
- Planter (former Fountain)
- Informal Dog Run
- Mechanical Building/ Utility Shed
- Pedestrian Street on 91st Street
- Park Entrance/Exit



Ruppert Park | Existing Section

91st Street (Closed Pedestrian)



- ADA Accessible Path/Areas
- Inaccessible Areas/Stairs

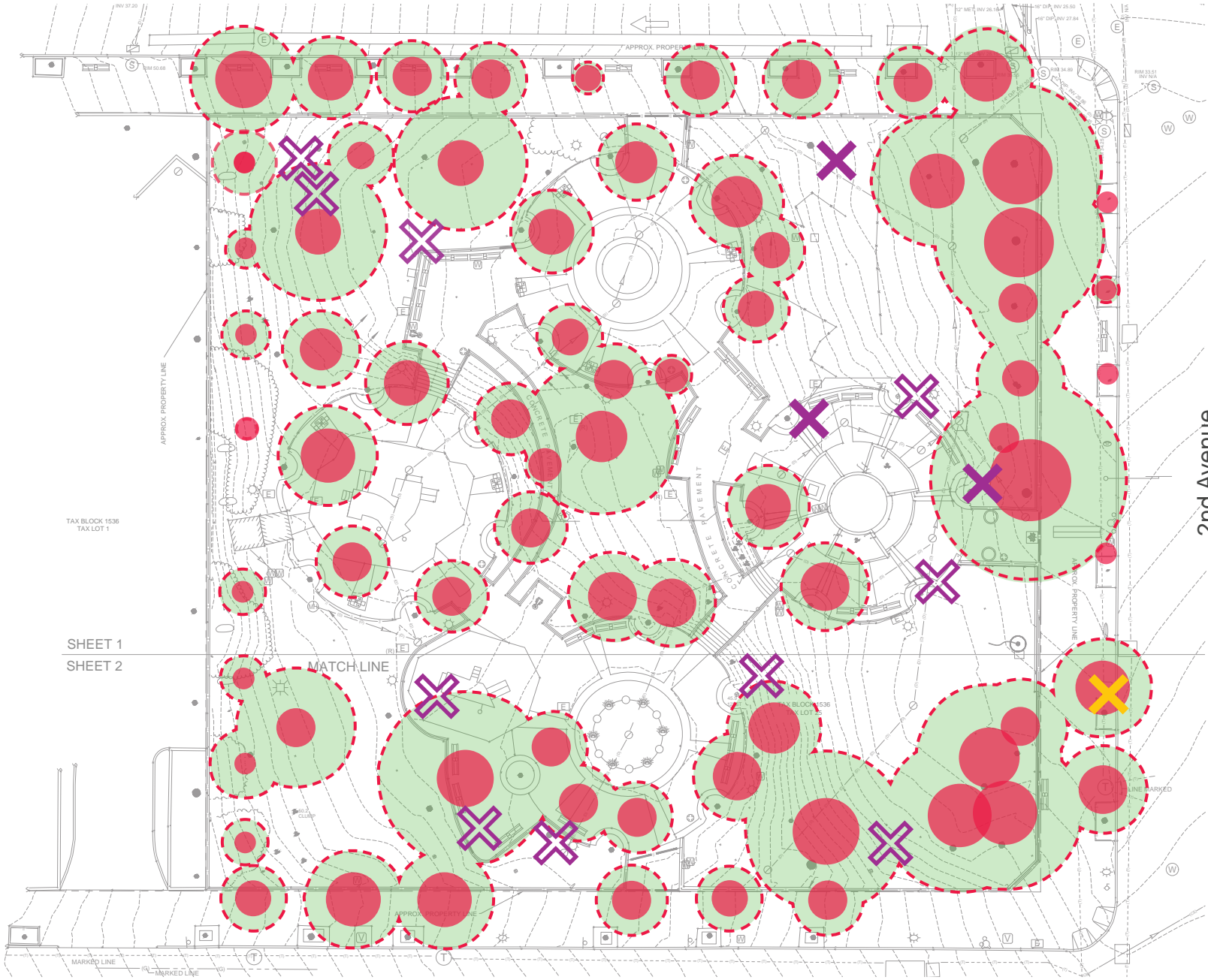
2nd Avenue

90th Street



Ruppert Park | Accessible and Inaccessible Routes

91st Street (Closed Pedestrian)



- Canopy
- Structural Root Zone
- Critical Root Zone
- Tree Removal due to poor condition
- Tree Removal due to design considerations
- Stump Removal

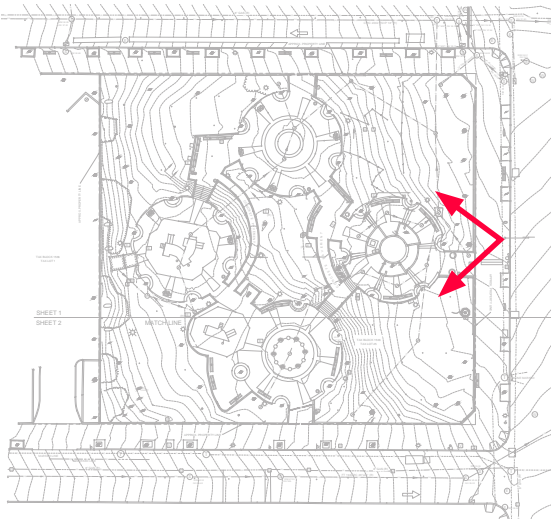
2nd Avenue

90th Street



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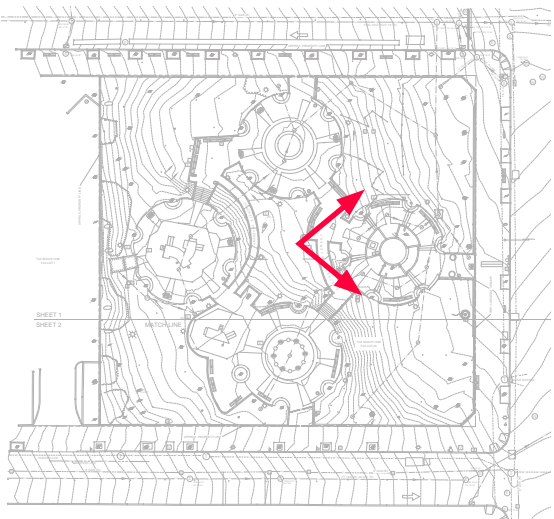
Ruppert Park | Tree Inventory

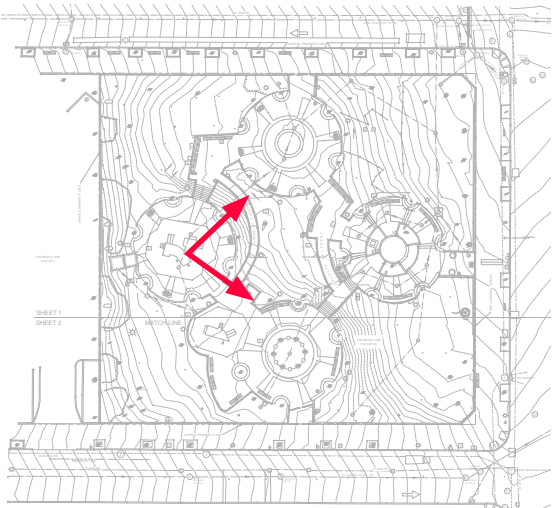


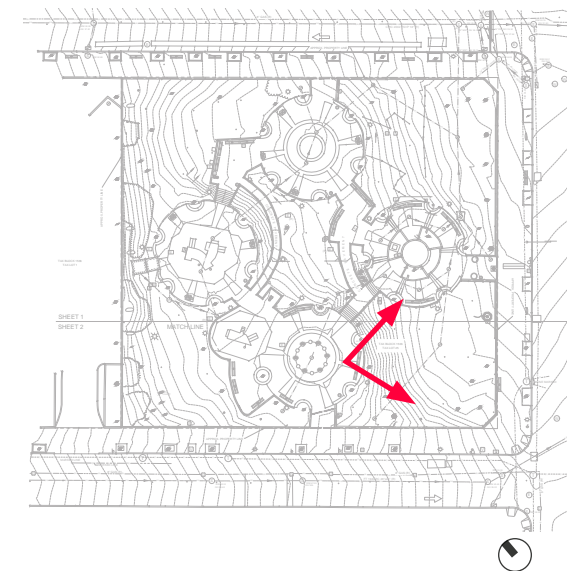
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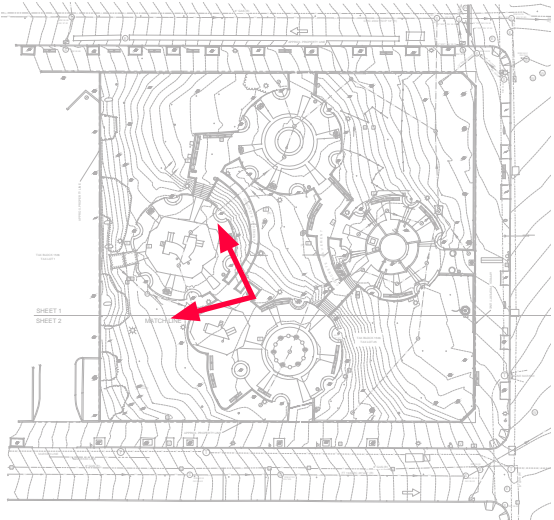
Ruppert Park | Existing Conditions - Accessibility







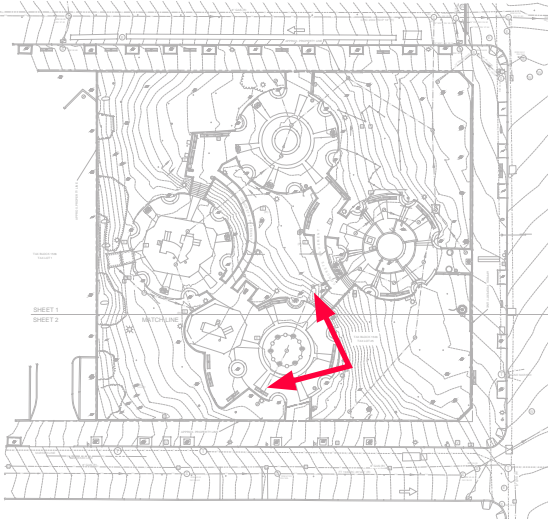




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Ruppert Park | Existing Conditions







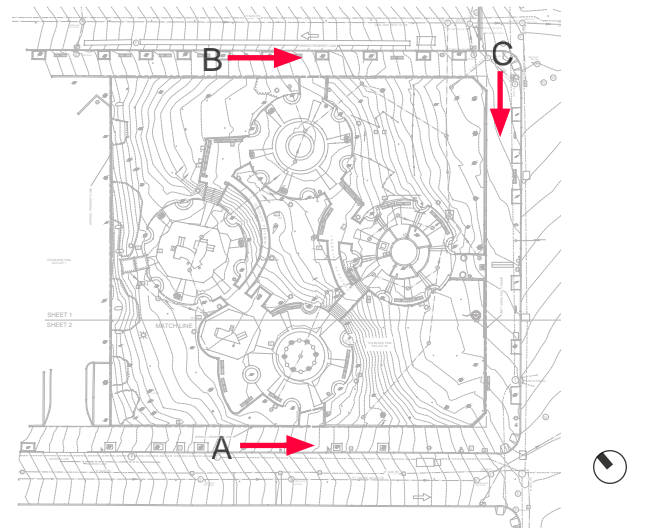
A
90th Street

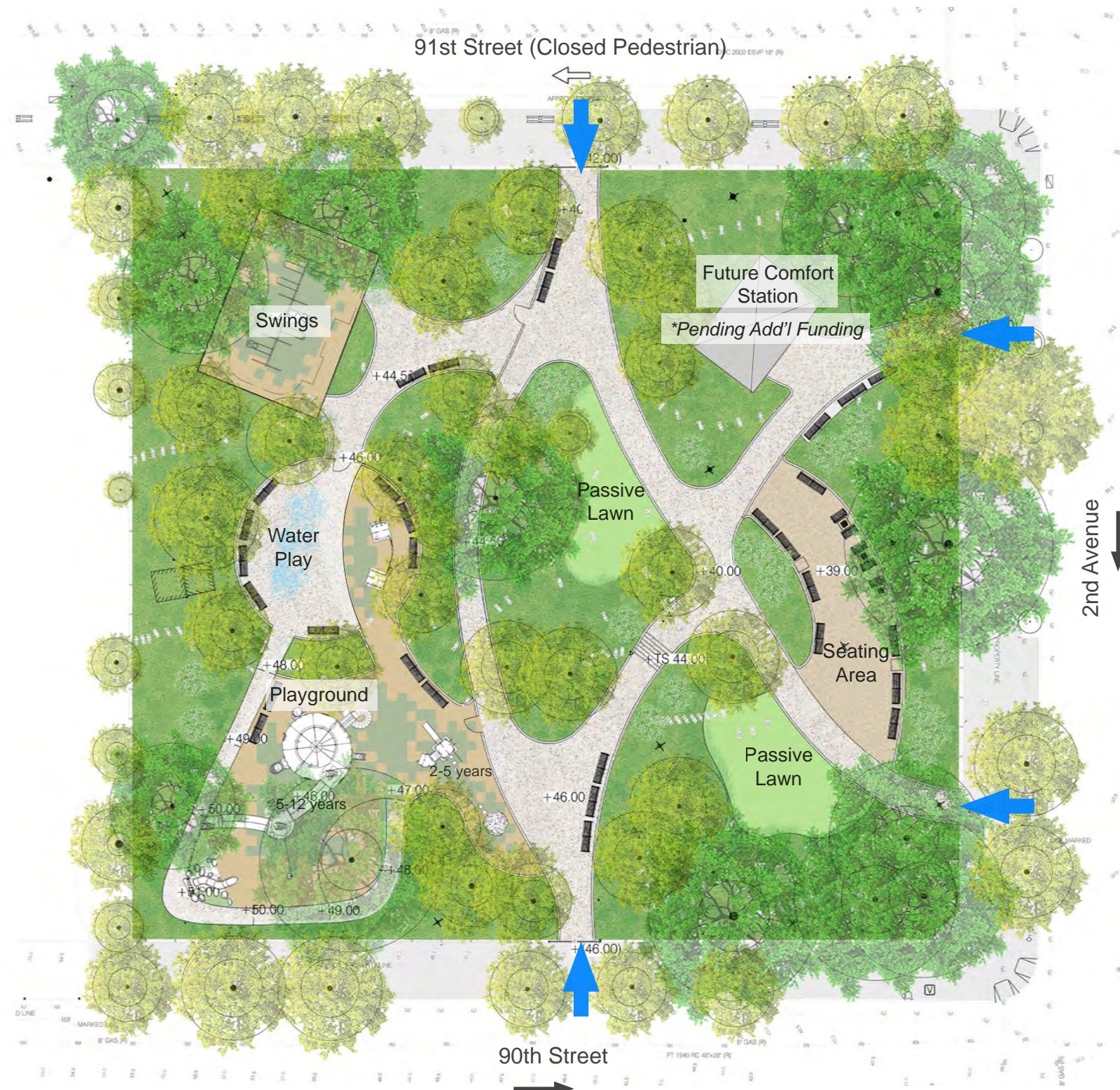


B
91st Street



C
2nd Avenue



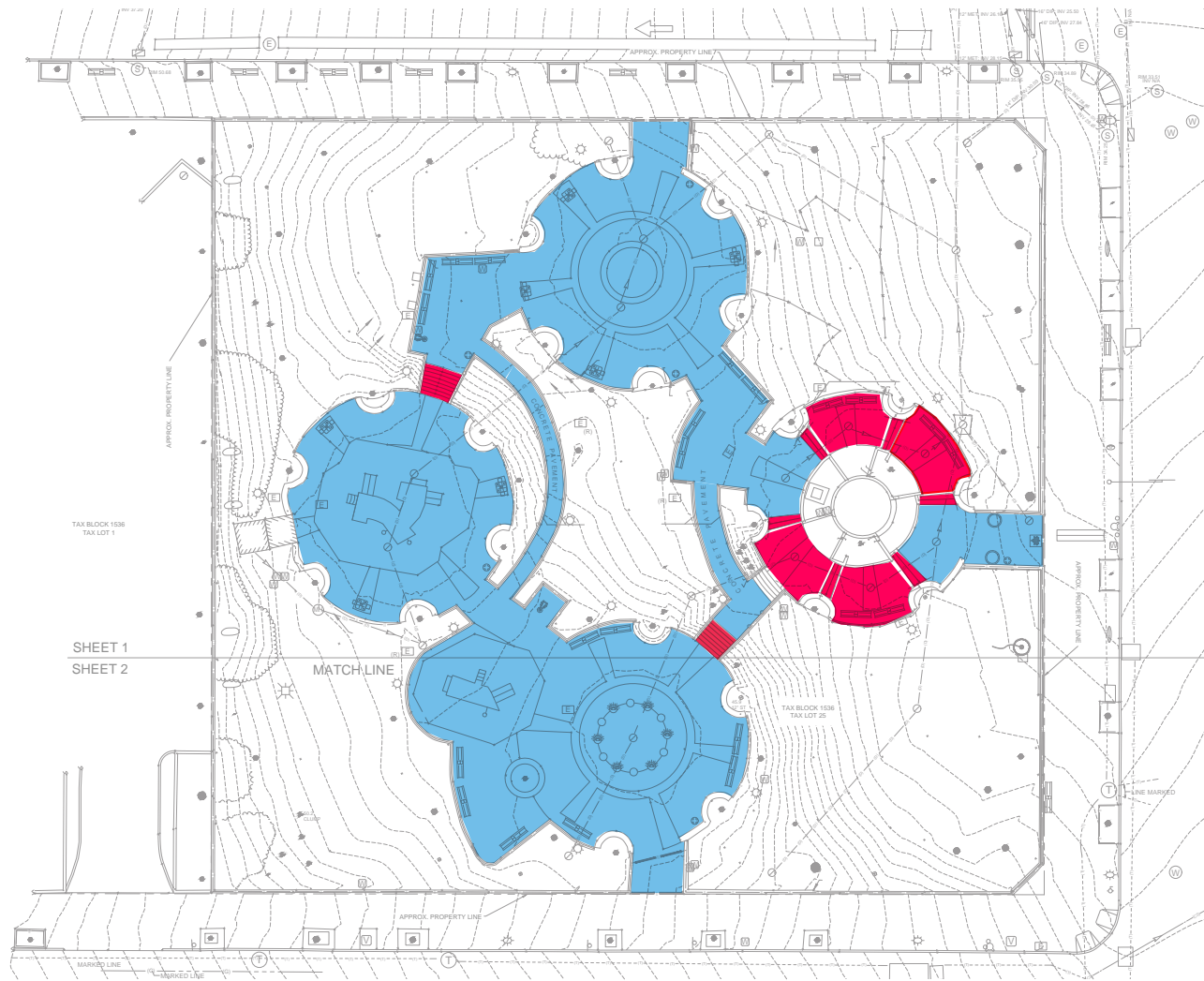


← Park Entrance/Exit

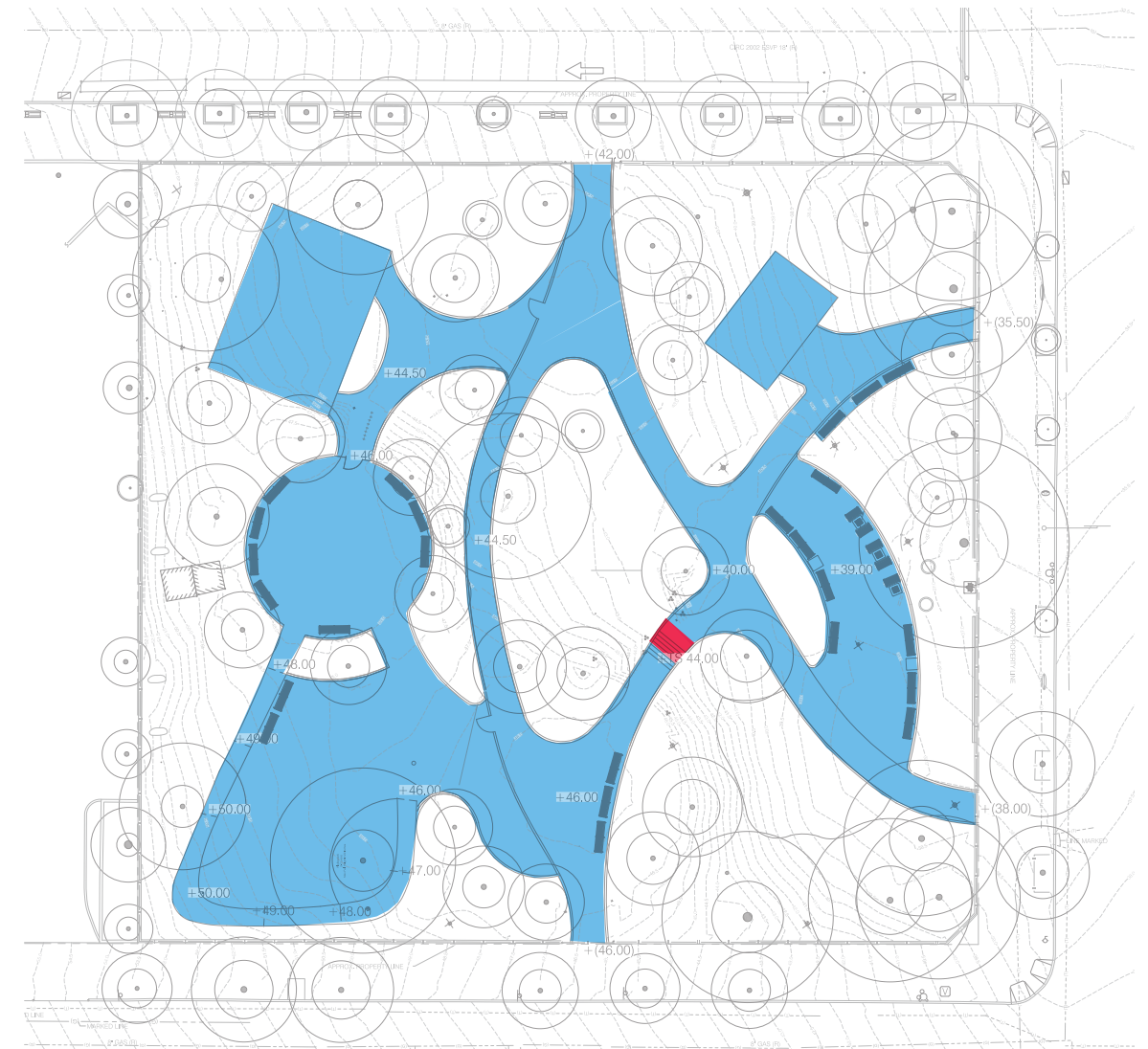


Ruppert Park | Concept Plan





Existing



Proposed















COLOR PALETTE

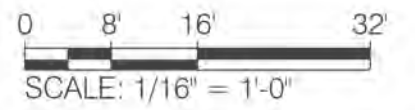
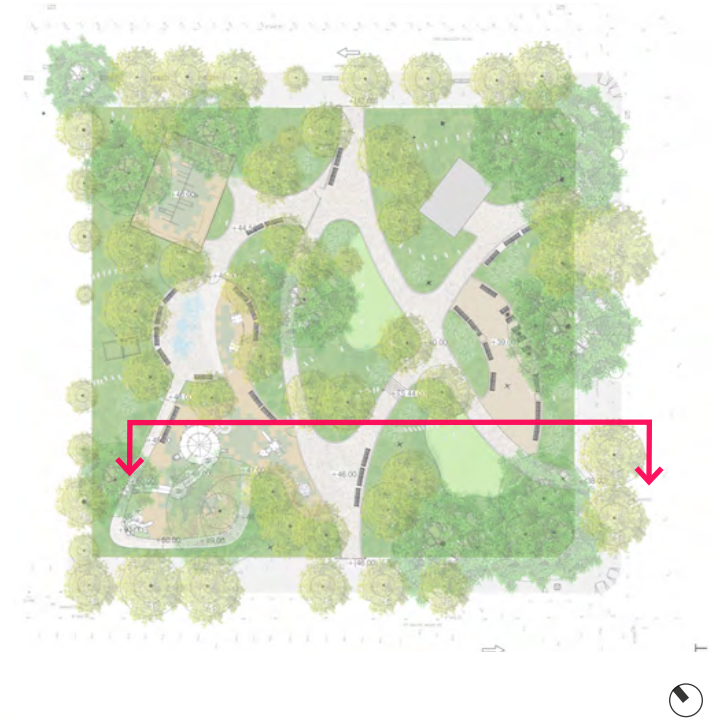
Pine Green

Vanilla

Copper

Metallic Silver







Ruppert Park | Precedent Images



BENCHES



TYPE B LIGHTPOLE



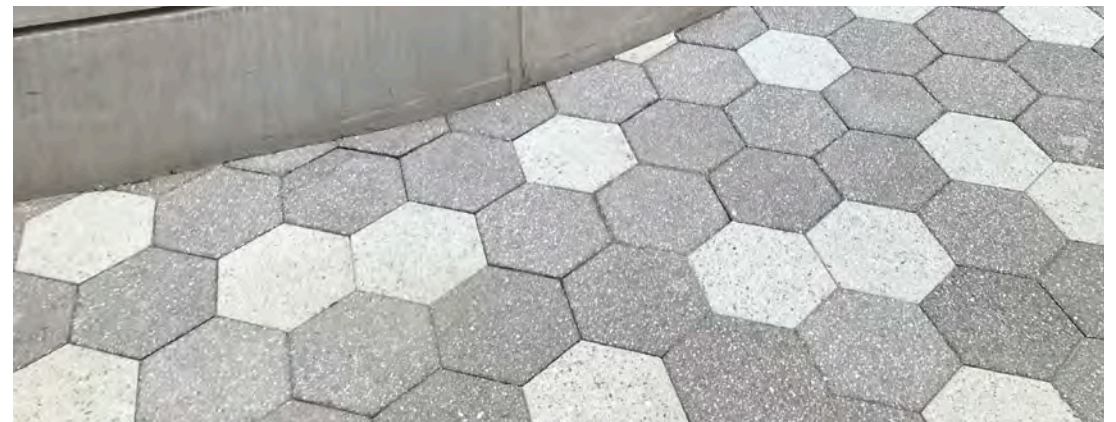
**SOLAR POWERED
TRASH RECEPTACLES**



**BOTTLE FILLER HI-LO
DRINKING FOUNTAIN**



EXISTING - EXPOSED AGGREGATE CONCRETE PAVEMENT



CONCRETE HEXBLOCK PAVEMENT



Autumn Brilliance Fern
Dryopteris erythrosora 'Brilliance'



Evergreen Wood
Dryopteris marginalis



Lilyturf
Liriope muscari



Otto Luyken Cherry Laurel
Prunus laurocerasus 'Otto Luyken'



Foamflower
Tiarella 'Crow Feather'



Shadblow Serviceberry
Amelanchier canadensis



Little Henry Sweetspire
Itea virginica 'Little Henry'



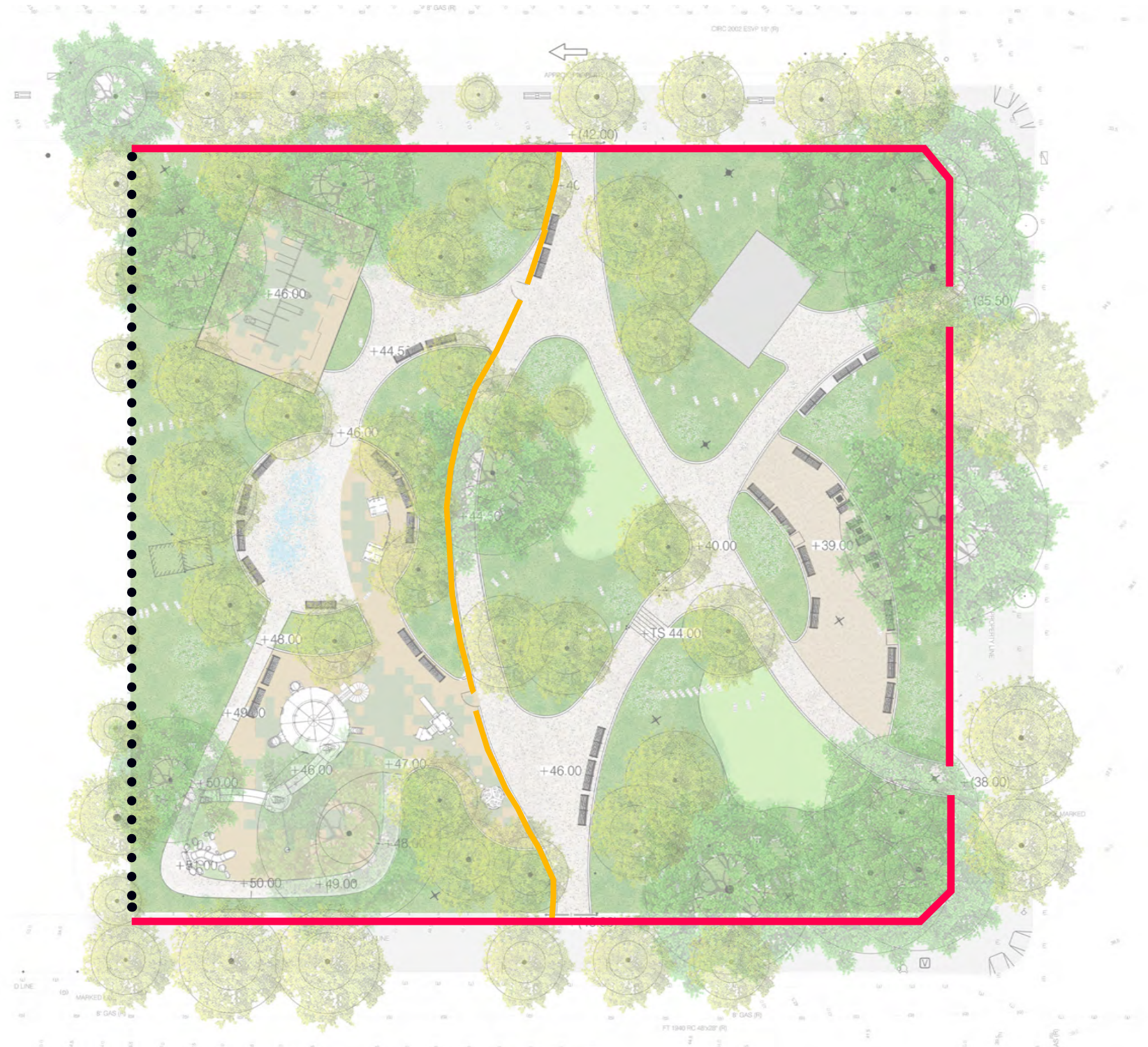
Sweet Pepperbush
Clethra alnifolia



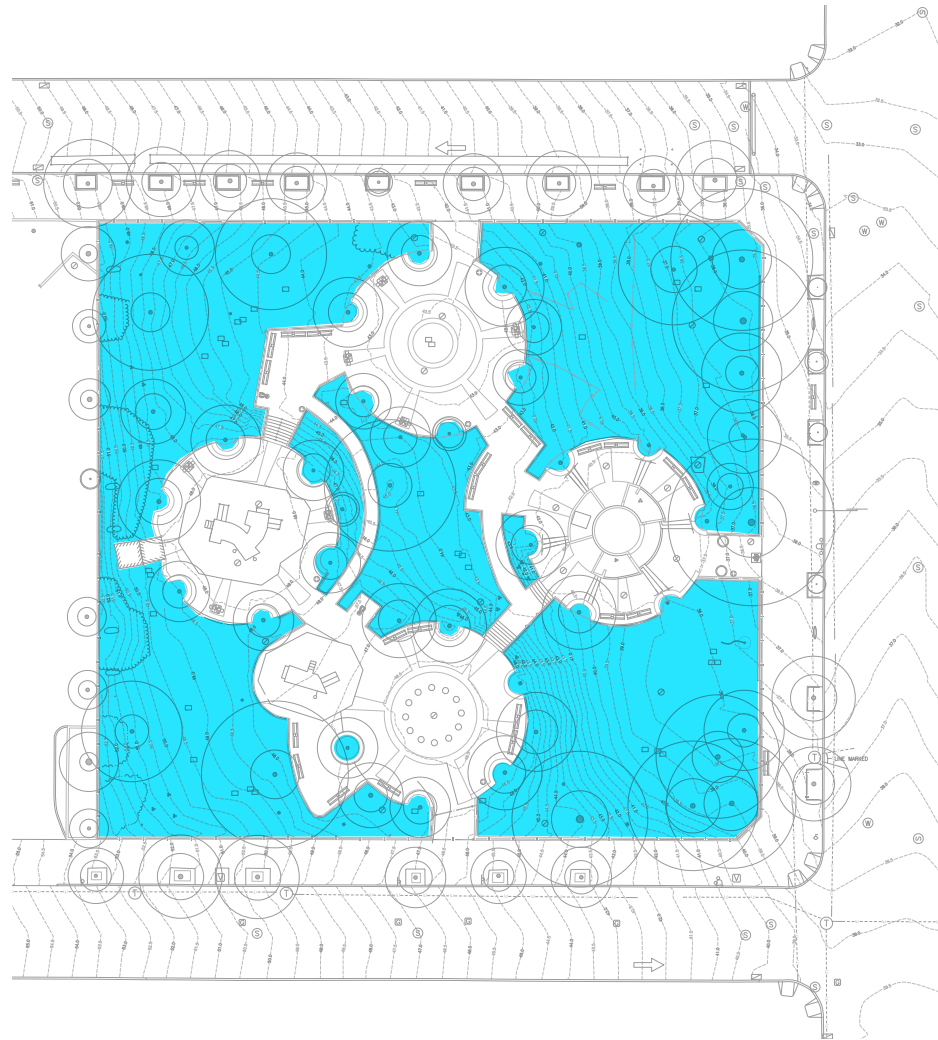
Oakleaf Hydrangea
Hydrangea quercifolia 'Snow Queen'



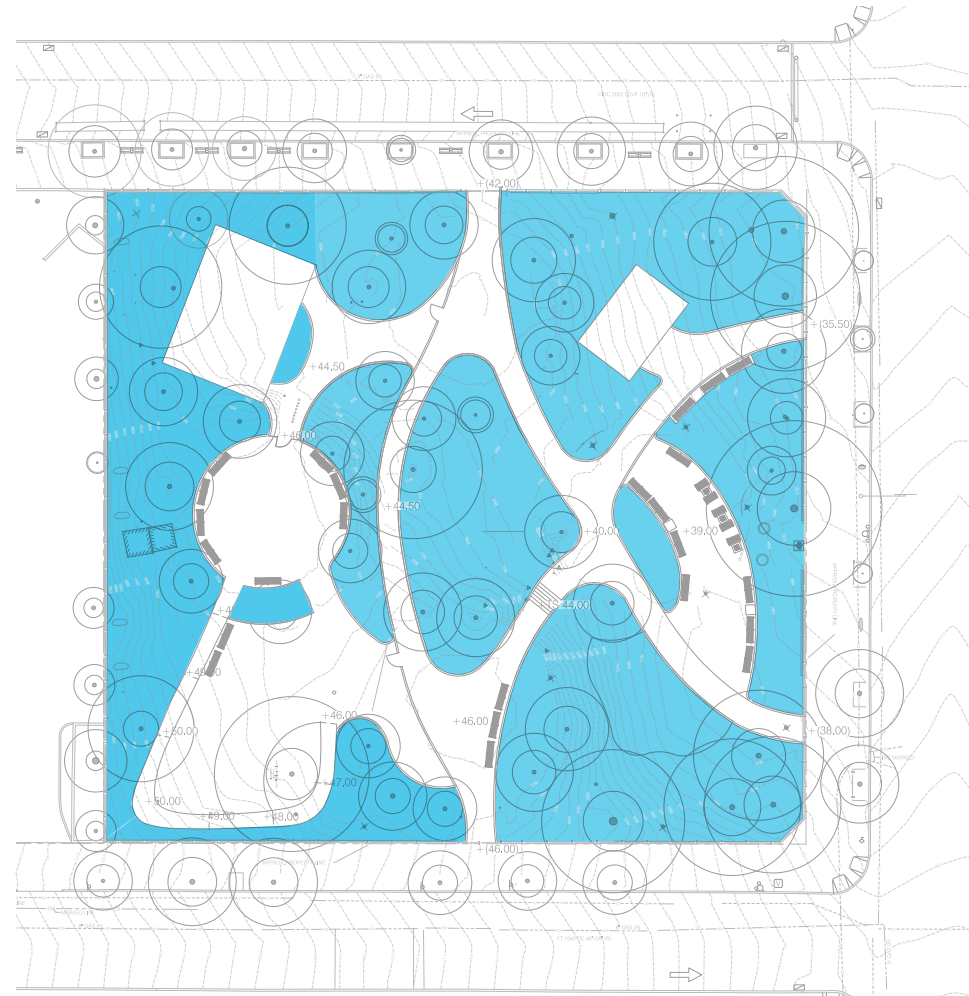
Green Sheen Pachysandra
Pachysandra terminalis 'Green Sheen'



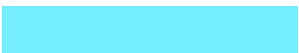
- Perimeter fence reduced to 4'-0"
- Low fence 4'-0"
- Existing fence 7'-0"



Existing Permeability: **60%**



Proposed Permeability: **60%**



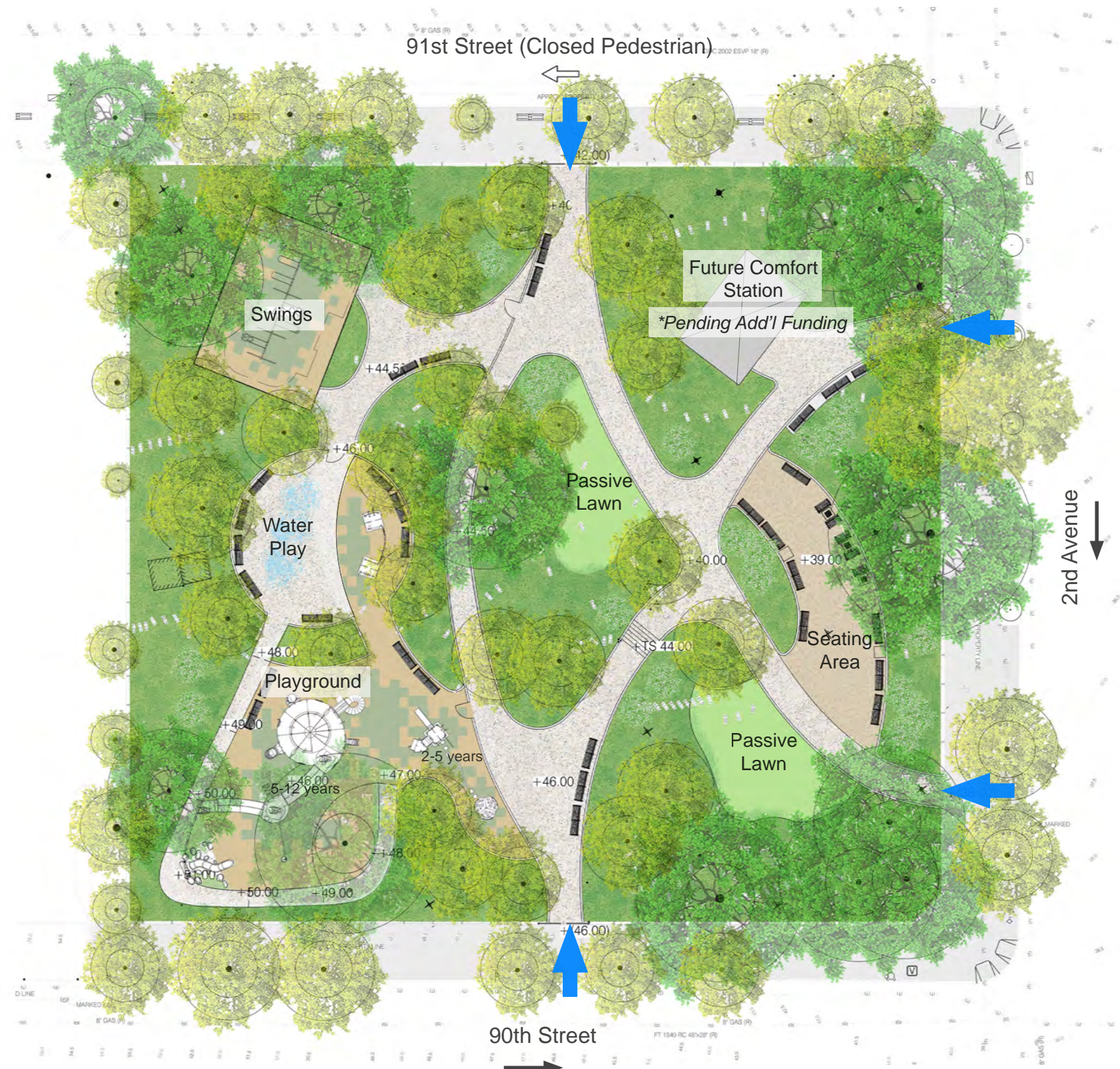
Permeable

SUSTAINABLE PRACTICES

- Maximize permeable surfaces
- Reduce storm water runoff
- Use recycled content material
- Use regional materials
- Supply outdoor spaces for social interaction
- Provide healthy growing conditions
- Provide views of vegetation for mental restoration
- Utilize site appropriate resilient plant material
- Use non-invasive, native plant material



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← Park Entrance/Exit



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