



# **Albert Mauro Playground Playground Reconstruction**

Located in Flushing Meadows Corona Park  
on Park Drive East and 73rd Terrace, in Queens

Community Board Review  
December 4, 2017  
Kusalee Vachananda, NYC Parks

# **Parks**

## Goals

- Create enhanced, accessible entrance to Albert Mauro Playground and the Pat Dolan Trail to Willow Lake.
- Install new play equipment and spray shower
- Install new adult fitness equipment
- Reconstruct basketball courts

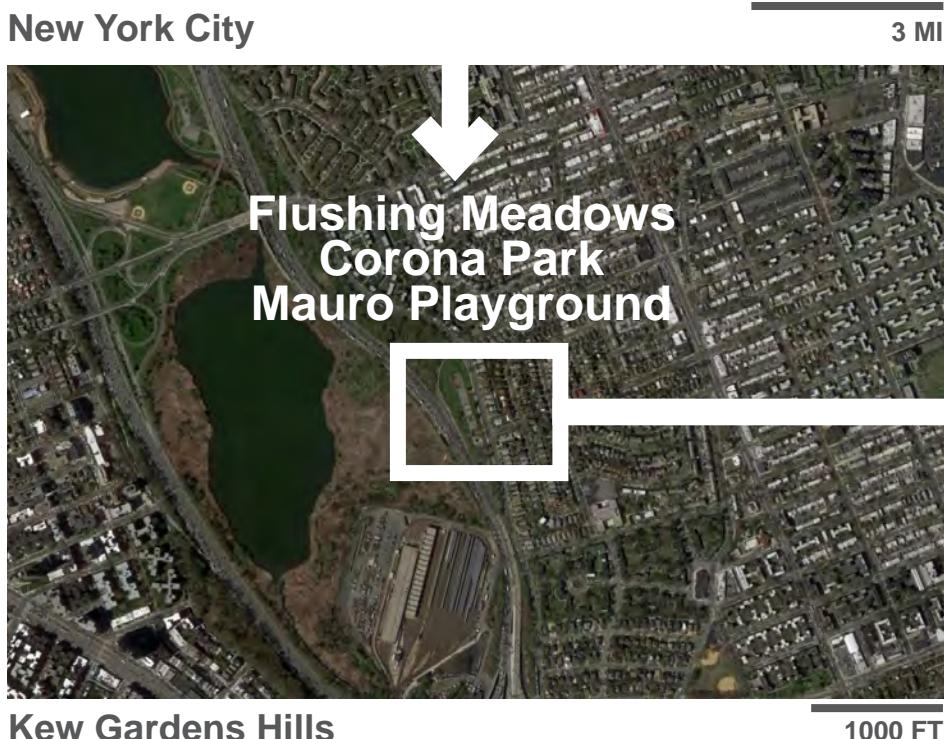
**Total Budget:** \$5M

Borough President, Melinda Katz - \$4.2M (FY 2016)

City Council District 24, Rory Lancman - \$0.8M (FY 2017)

**Project Size:** 2.1 ac





**Playground Reconstruction**  
**Albert Mauro Playground | Project Location**



## Flood Hazard Zones

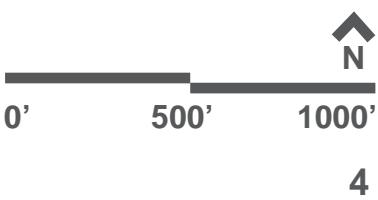
- ZONE A** - 1% annual-chance flood event. No Base Flood Elevation (BFE) exists.
- ZONE AE** - 1% annual-chance flood event. BFE exists.
- ZONE AO** - 1% annual-chance shallow flooding.
- VE** - Areas along coasts subject to inundation by the 1% annual-chance flood event with additional hazards associated with storm-induced velocity wave action. BFE exists.
- FLOODWAY** - watercourse reserved to discharge base flood.
- ZONE X** - Moderate risk areas within the 0.2% annual-chance floodplain.

▲ **LIMIT OF MODERATE WAVE ACTION**

Base Flood Elevation (BFE) = EL 12



**Playground Reconstruction**  
Albert Mauro Playground | Flood Risk





## Land Use Categories

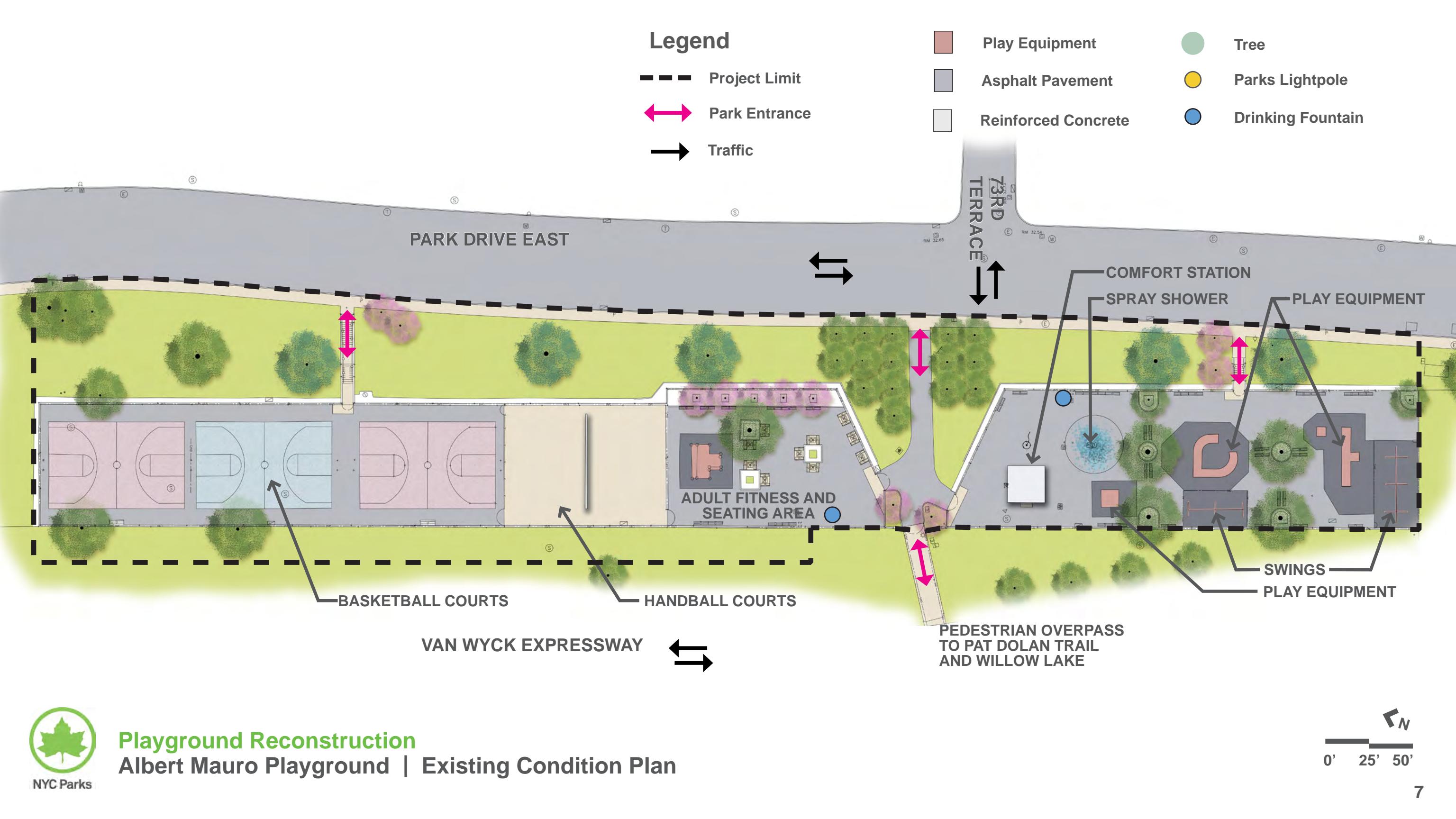
- █ 1 And 2 Family Residential
- █ Multi-Family Residential
- █ Mixed Use
- █ Open Space And Outdoor Recreation
- █ Commercial
- █ Institutional
- █ Industrial
- █ Parking
- █ Transportation / Utilities
- █ Vacant Lots

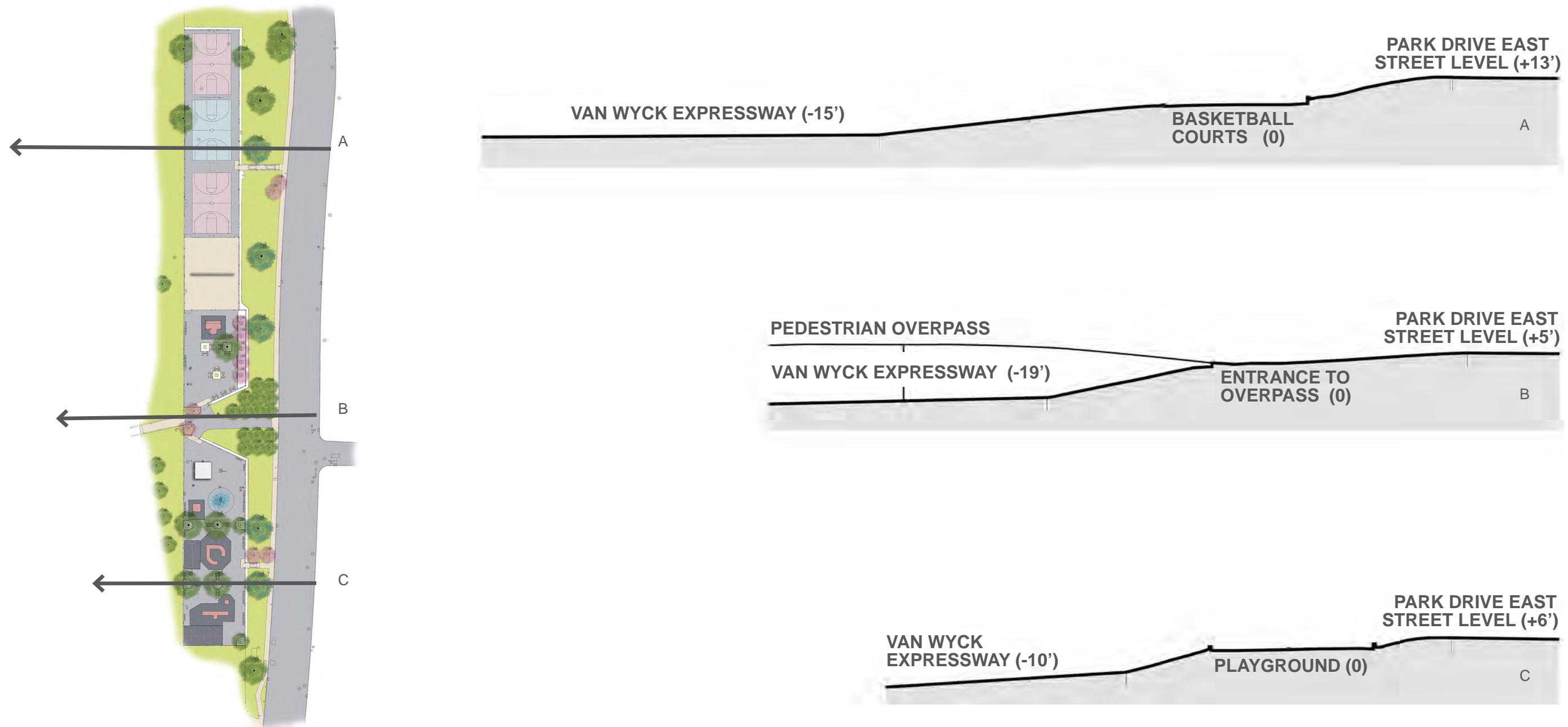


**Playground Reconstruction**  
**Albert Mauro Playground | Surrounding Land Use**



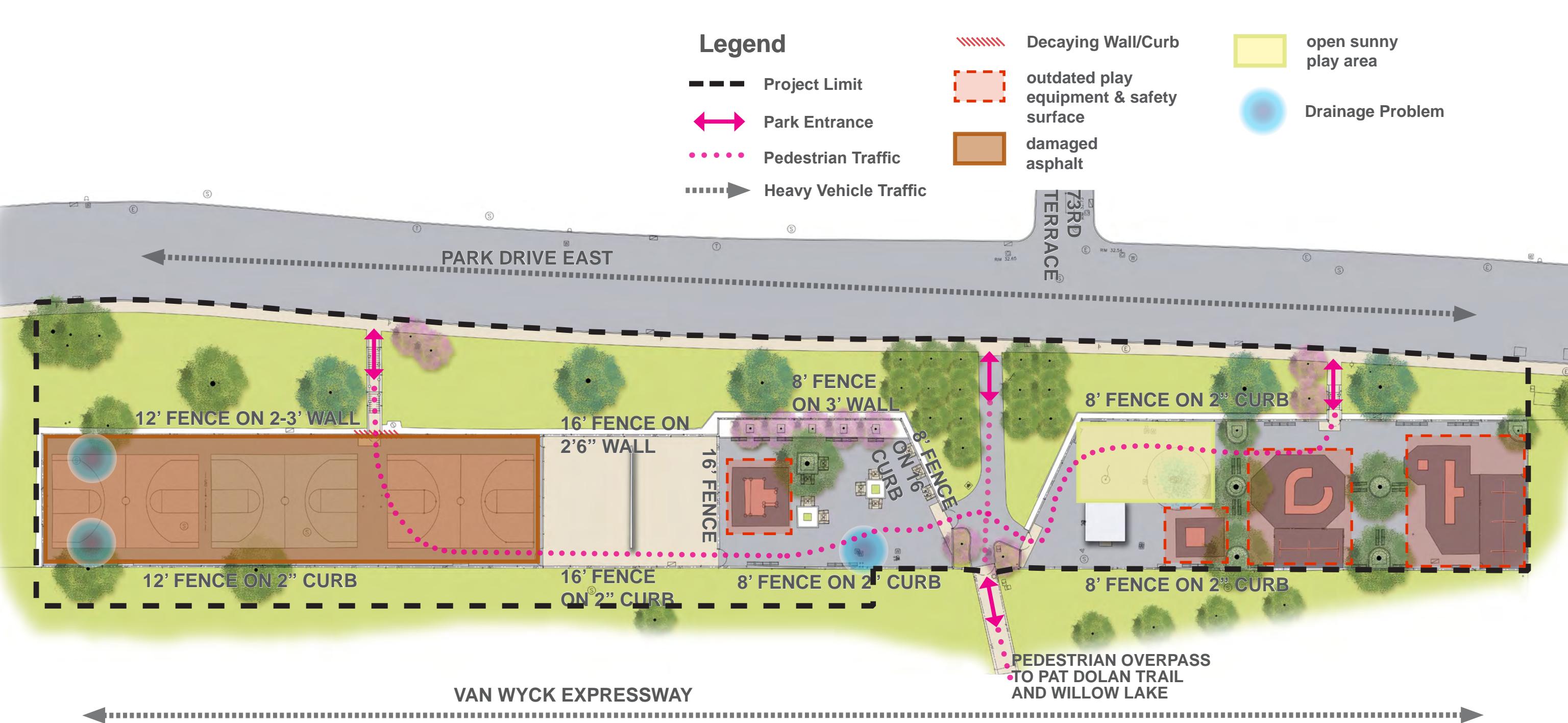
## Playground Reconstruction Albert Mauro Playground | Neighborhood Context





## Playground Reconstruction Albert Mauro Playground | Existing Condition Sections

N  
N.T.S.

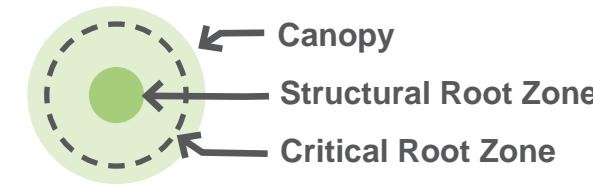


**Playground Reconstruction**  
**Albert Mauro Playground | Site Analysis**

0' 25' 50'

9

## Legend



✗ Tree removal due to poor condition

✗ Tree removal due to design considerations

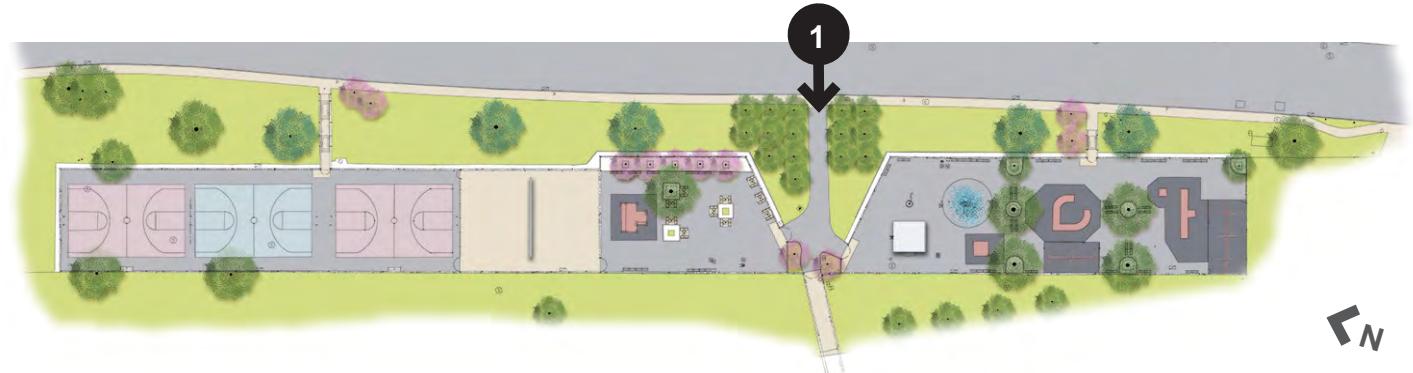


**Playground Reconstruction**  
Albert Mauro Playground | Tree Inventory

↖  
N.T.S.



1 - Panorama of main entrance



**Playground Reconstruction**  
Albert Mauro Playground | Site Photos

NYC Parks



2 - Spray shower



3 - Van Wyck Expressway adjacent to playground swings



## Playground Reconstruction Albert Mauro Playground | Site Photos





4 - Play equipment



5 - Play equipment



## Playground Reconstruction Albert Mauro Playground | Site Photos





6 - Play equipment



7 - View down the stairs at the south entrance



**Playground Reconstruction**  
**Albert Mauro Playground | Site Photos**

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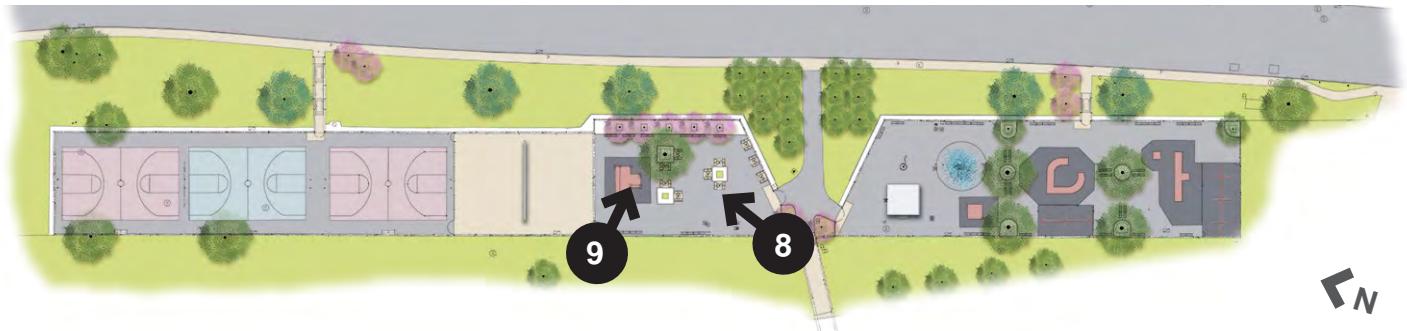
8 - Seating area



9 - Adult fitness equipment



## Playground Reconstruction Albert Mauro Playground | Site Photos





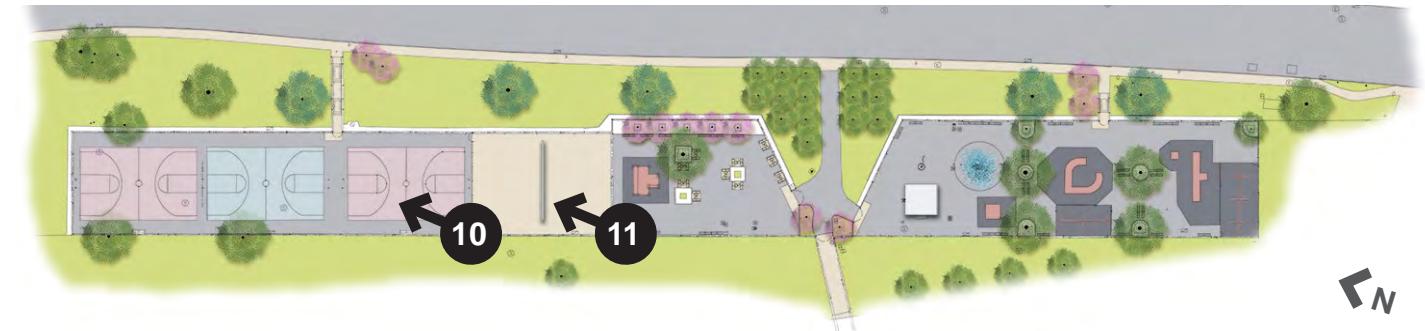
10 - Handball courts



11 - Basketball courts



## Playground Reconstruction Albert Mauro Playground | Site Photos





12 - View down stairs to basketball courts



13 - View down slope towards basketball courts



**Playground Reconstruction**  
Albert Mauro Playground | Site Photos

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14 - Pedestrian overpass leads to nature trail

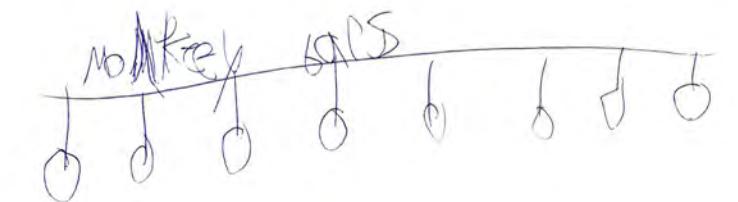
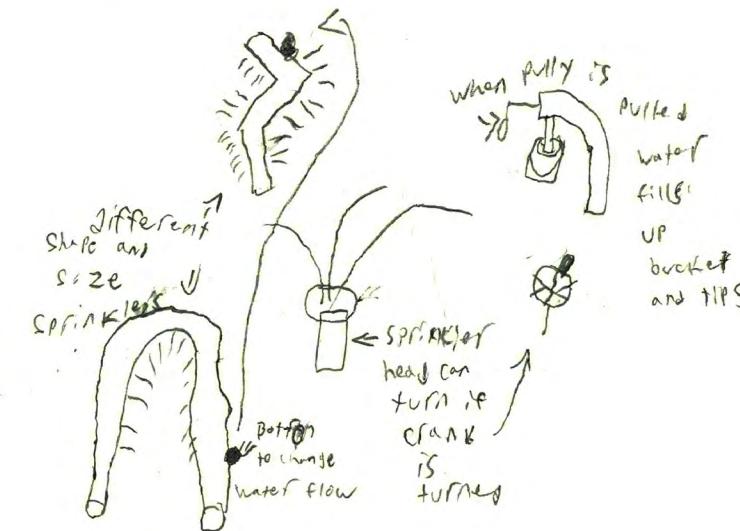
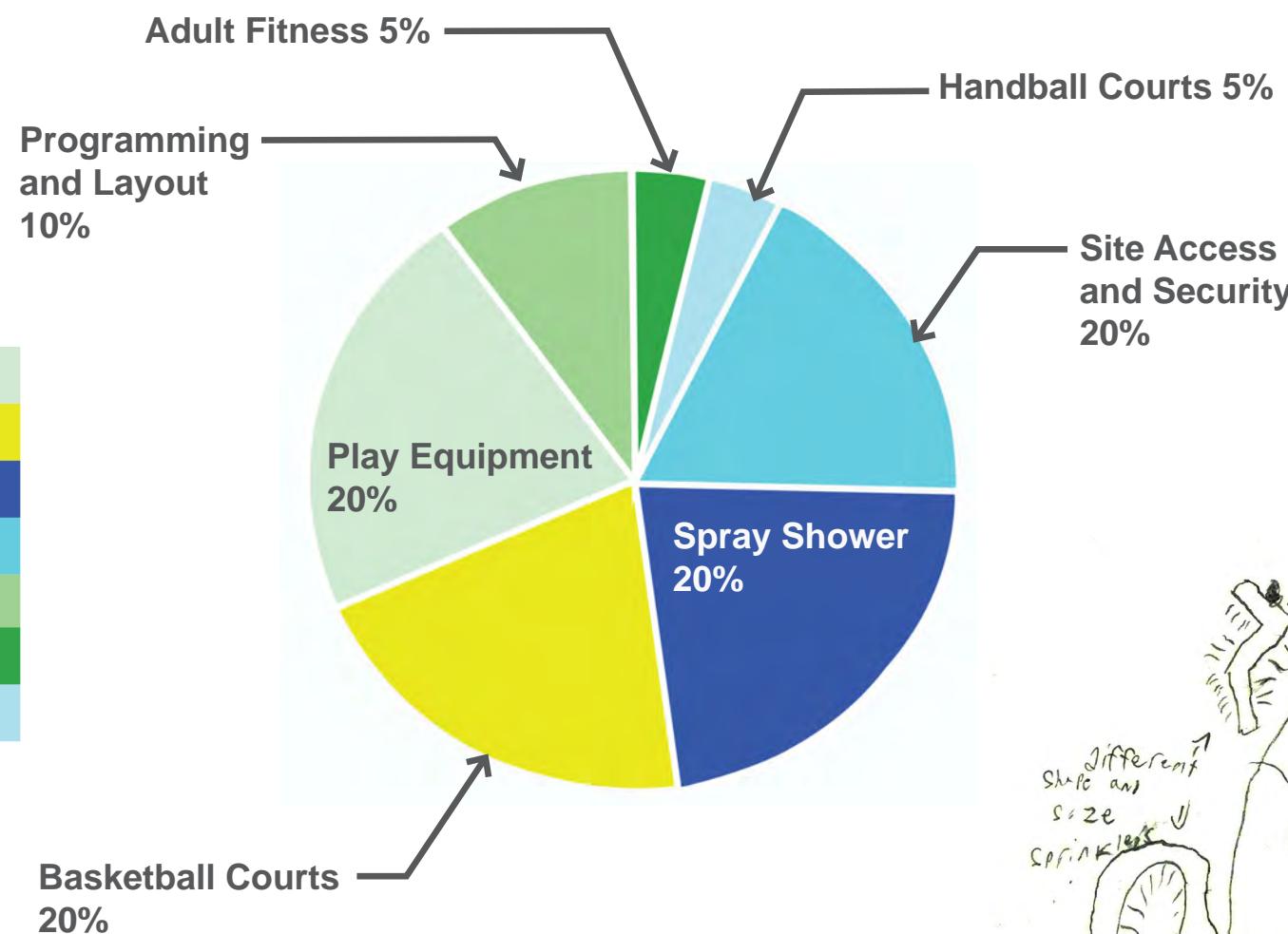


## Playground Reconstruction Albert Mauro Playground | Site Photos

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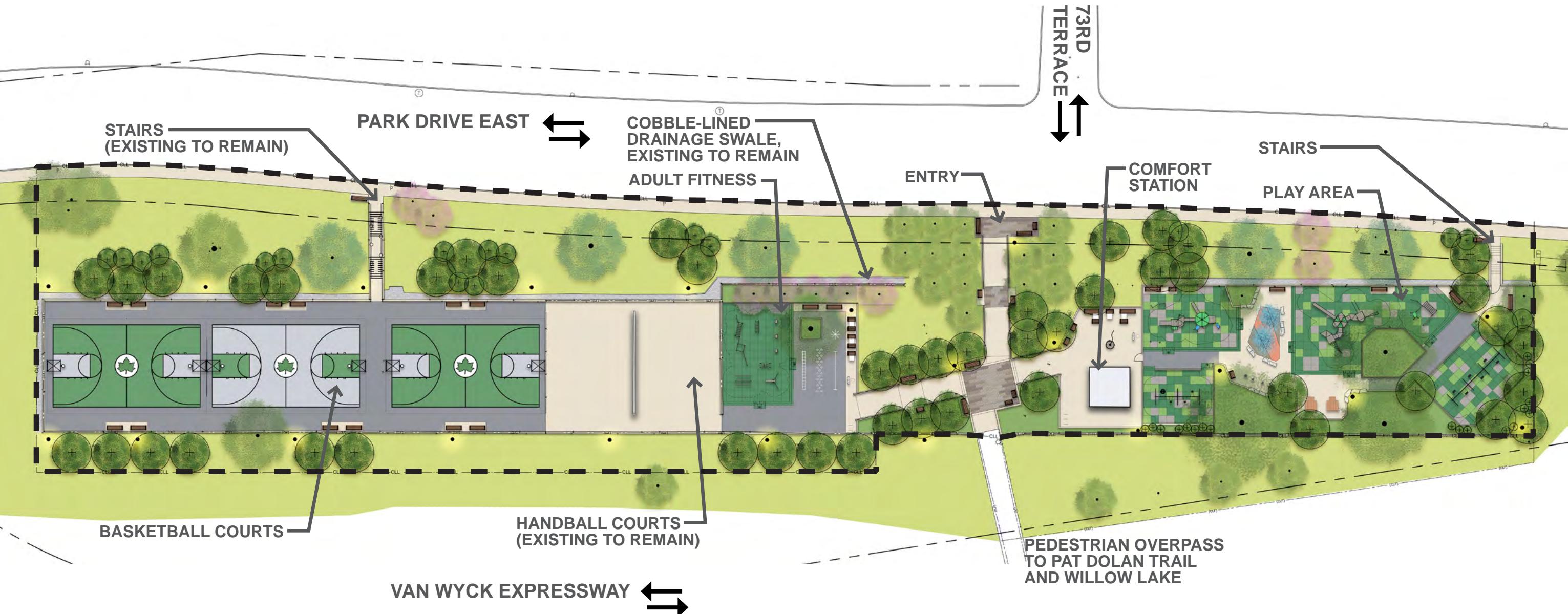
14

18

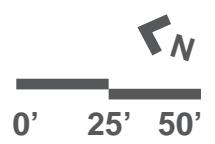


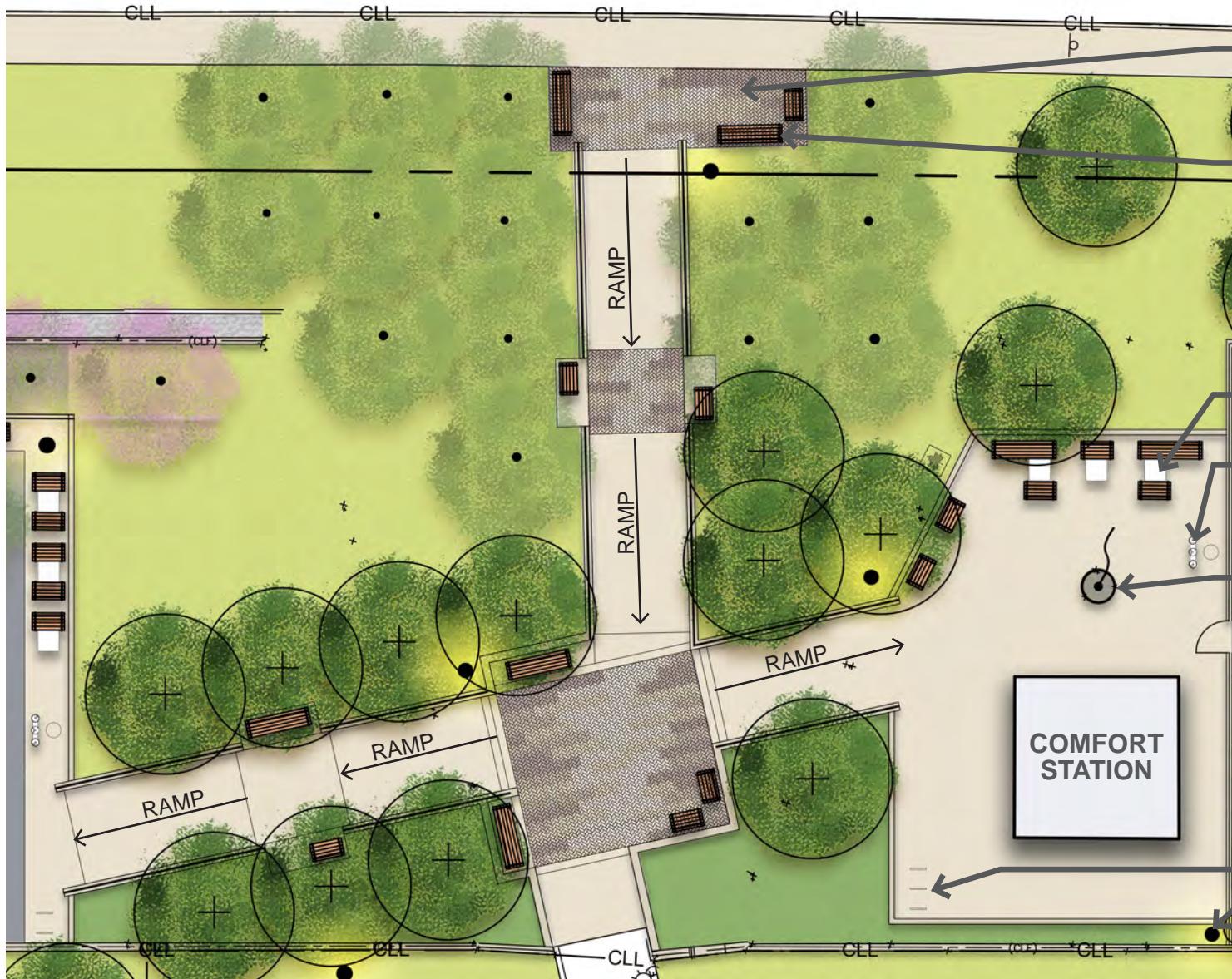
Children's sketches of play equipment and spray showers from Public Scope Meeting 5/17/17



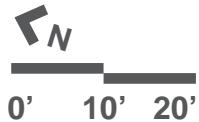


**Playground Reconstruction**  
Albert Mauro Playground | Schematic Plan

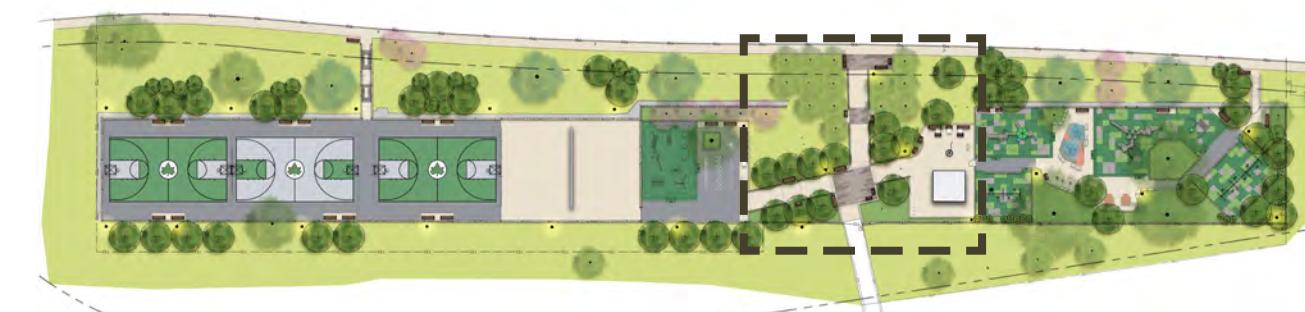
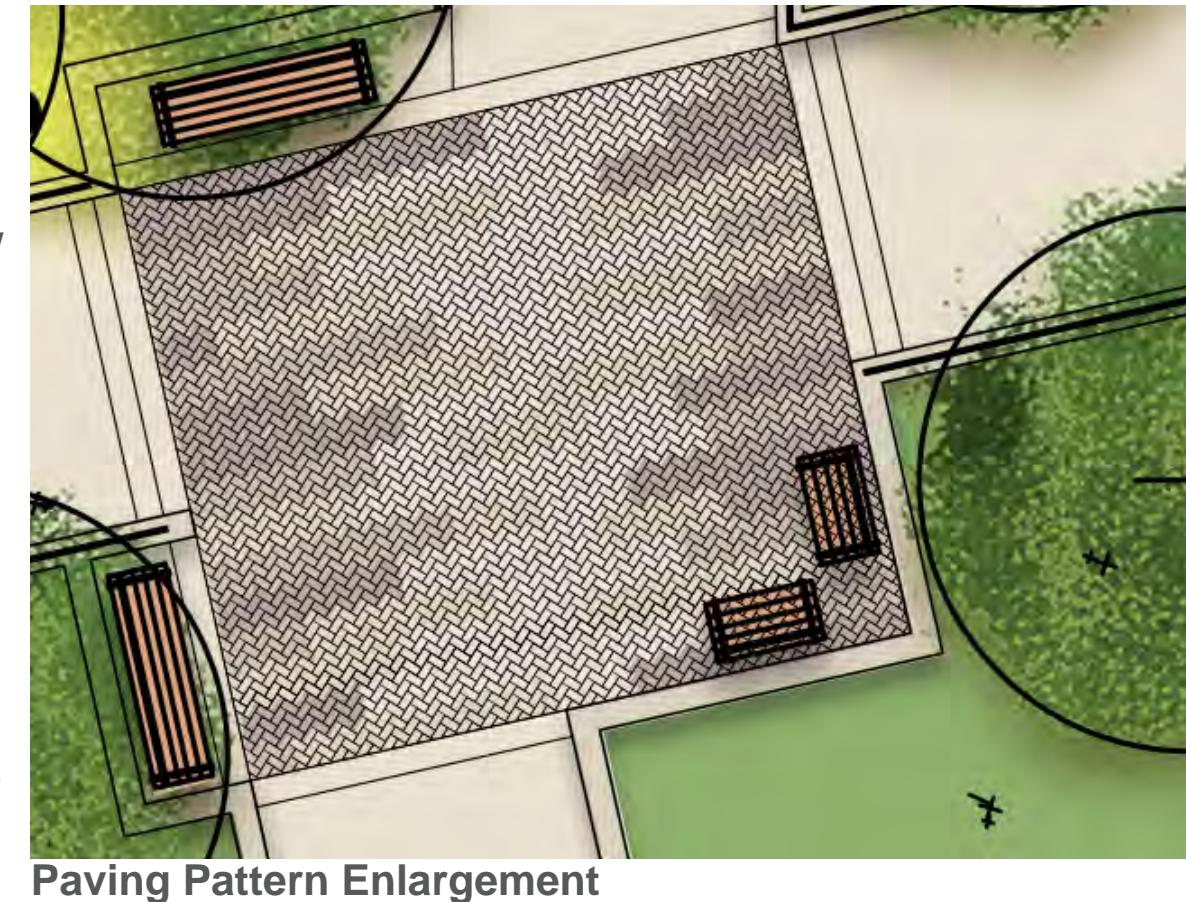




Enlarged plan of park entry



## Playground Reconstruction Albert Mauro Playground | Enlarged Schematic

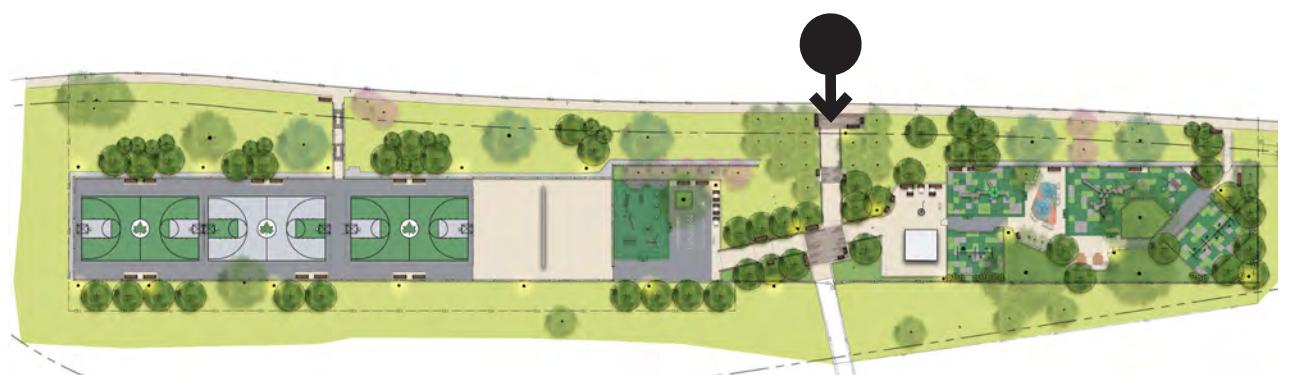


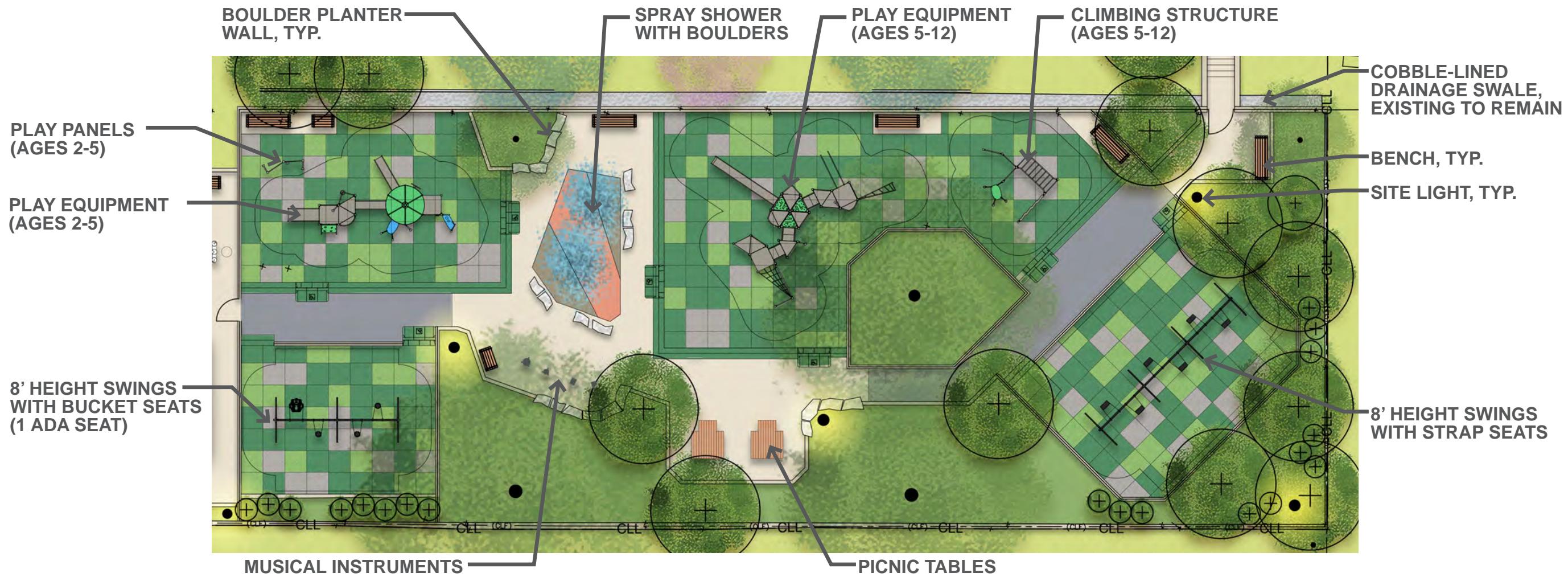


Rendering of Park Entrance

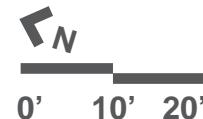


## Playground Reconstruction Albert Mauro Playground | Rendering





Enlarged plan of play area



Playground Reconstruction  
Albert Mauro Playground | Enlarged Schematic





PLAY EQUIPMENT FOR AGES 2-5, view 1



PLAY EQUIPMENT FOR AGES 2-5, view 2



PLAY PANELS FOR AGES 2-5, view 1



PLAY PANELS FOR AGES 2-5, view 2



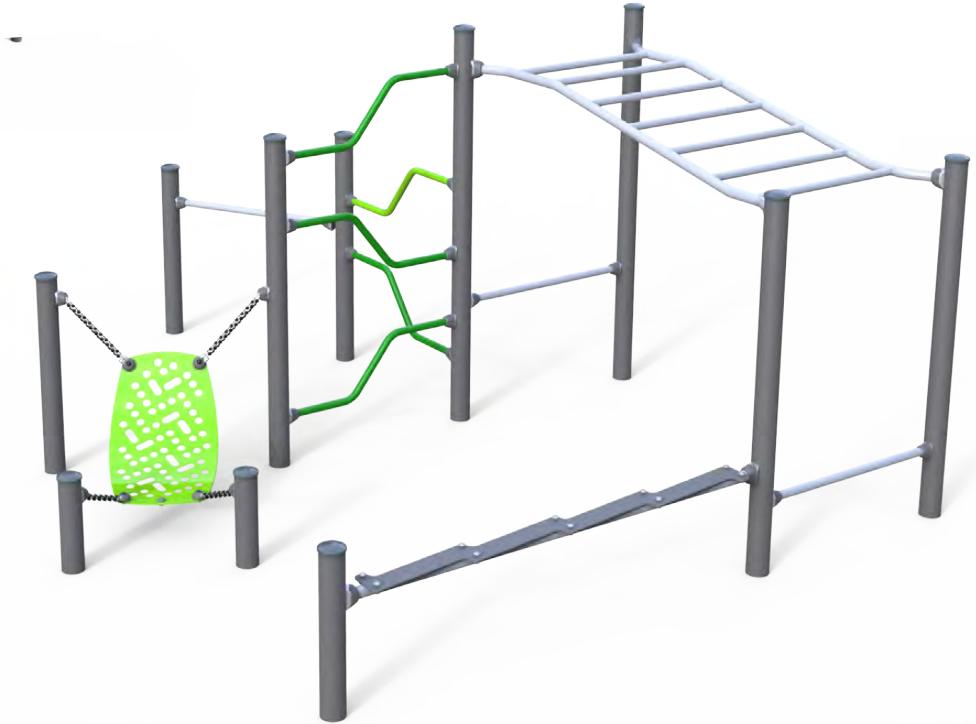
**Playground Reconstruction**  
Albert Mauro Playground | Play Equipment for Ages 2-5



PLAY EQUIPMENT FOR AGES 5-12, view 1



PLAY EQUIPMENT FOR AGES 5-12, view 2



CLIMBING STRUCTURE FOR AGES 5-12, view 1



CLIMBING STRUCTURE FOR AGES 5-12, view 1



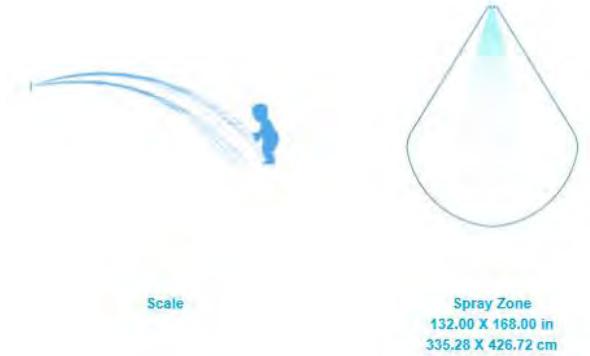
**Playground Reconstruction**  
Albert Mauro Playground | Play Equipment for Ages 5-12

## WALL SPRAY

VOR 0302

### PRODUCTS HIGHLIGHTS

- Encourages different types of game playing
- Kids will enjoy running their hands and legs through the water

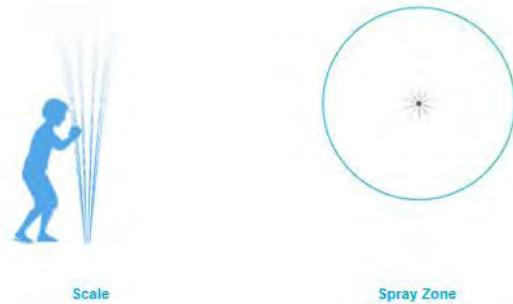


## GEYSER

VOR 0301

### PRODUCTS HIGHLIGHTS

- Exciting water effect from the ground for an immersive play
- Kids will enjoy running their hands and legs through the water



## Proposed Spray Features



**Playground Reconstruction**  
Albert Mauro Playground | Spray Shower

## WAVE (IN WALL)

VOR 0326

### PRODUCTS HIGHLIGHTS

- Water wave produces multiple tactile experiences
- Offers many play opportunities



## FOUNTAIN SPRAY N°1

VOR 7513

### PRODUCTS HIGHLIGHTS

- Provides high interactivity with low water consumption
- Kids will enjoy running their hands and legs through the water



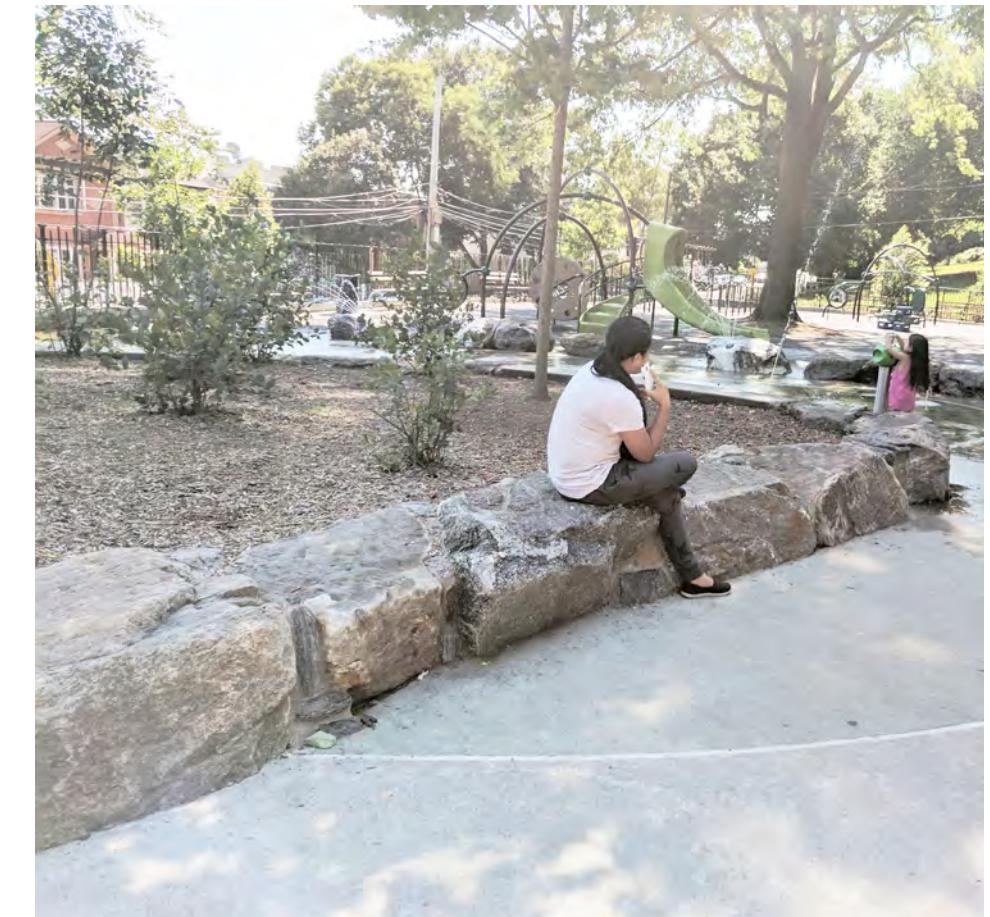
**Example of a Spray Shower with Boulder Elements  
(Mary Whalen Playground)**



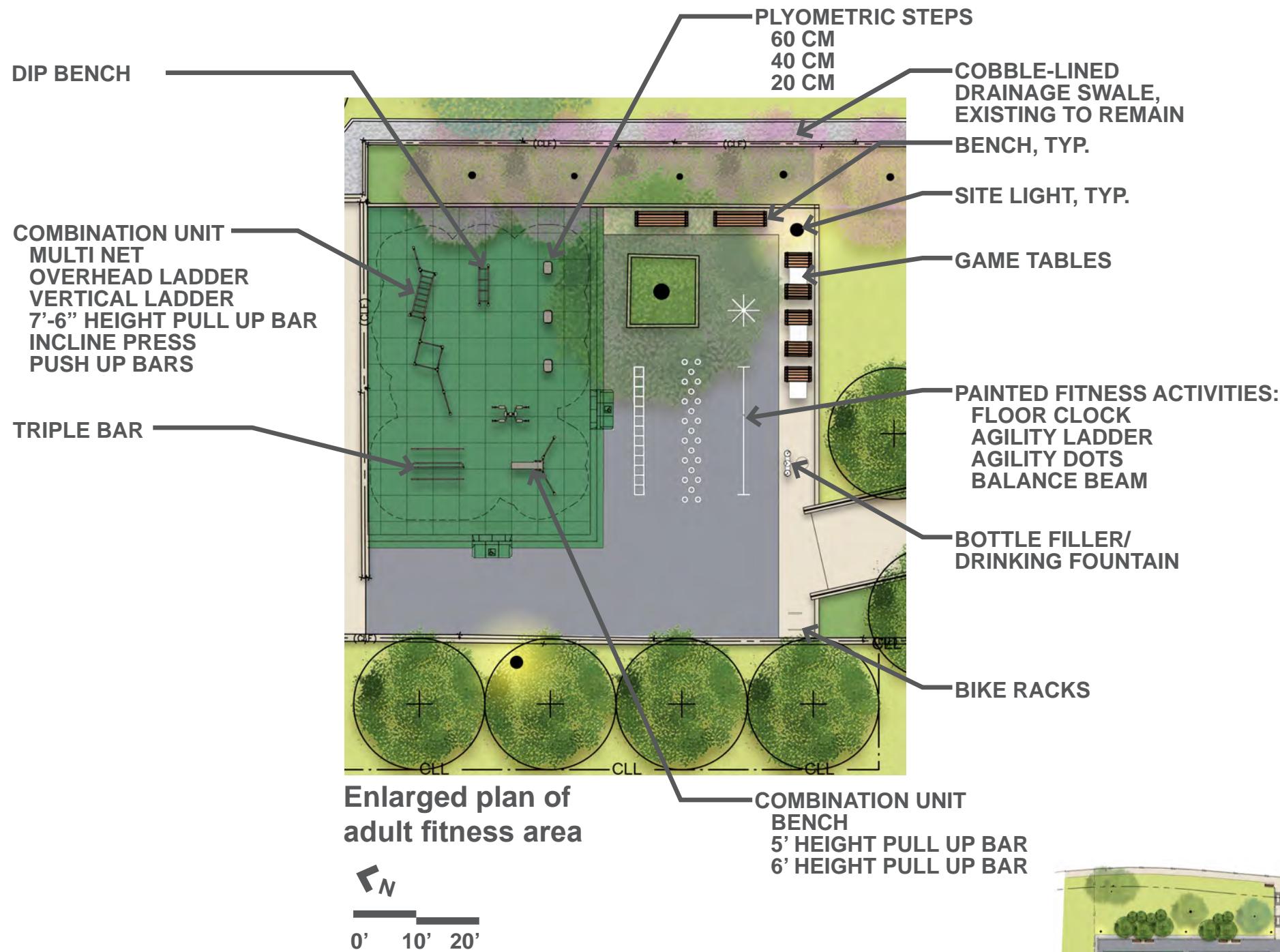
Babel Drums



Cajon Drum

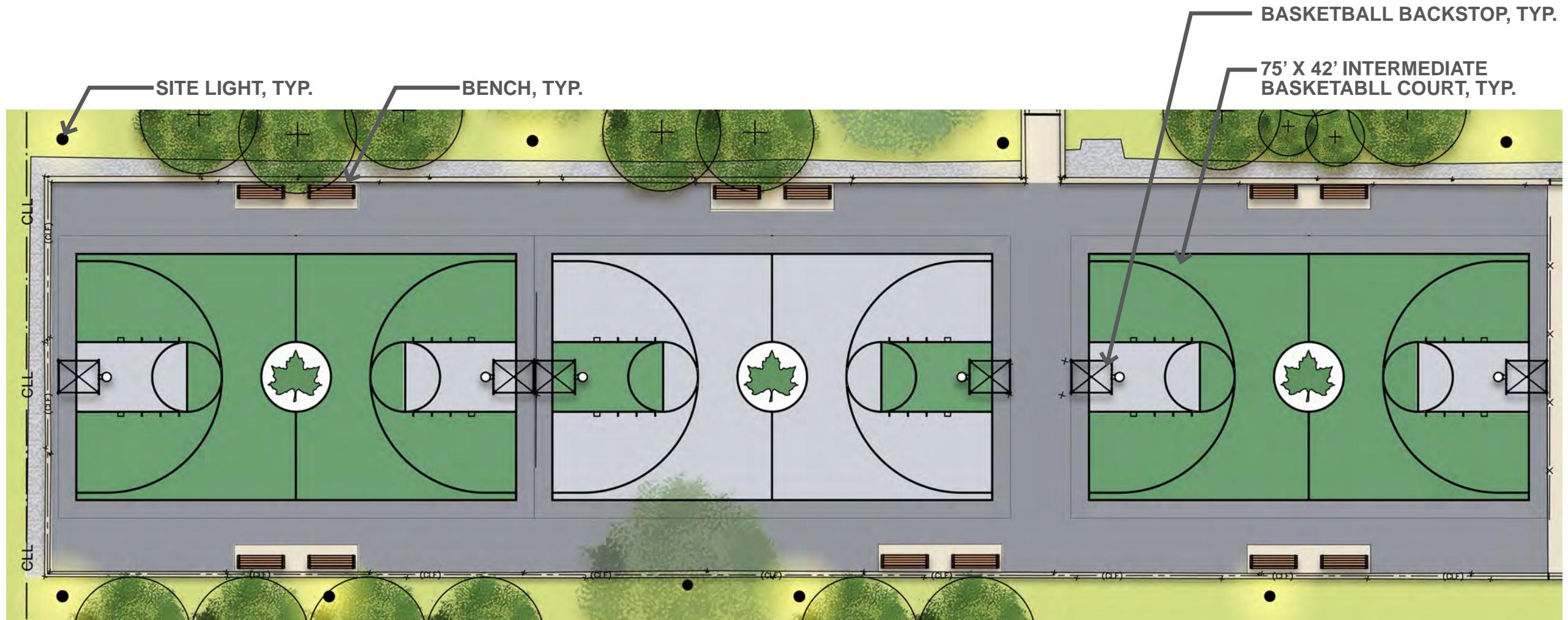


Example of a Boulder Planter Wall  
(Mary Whalen Playground)

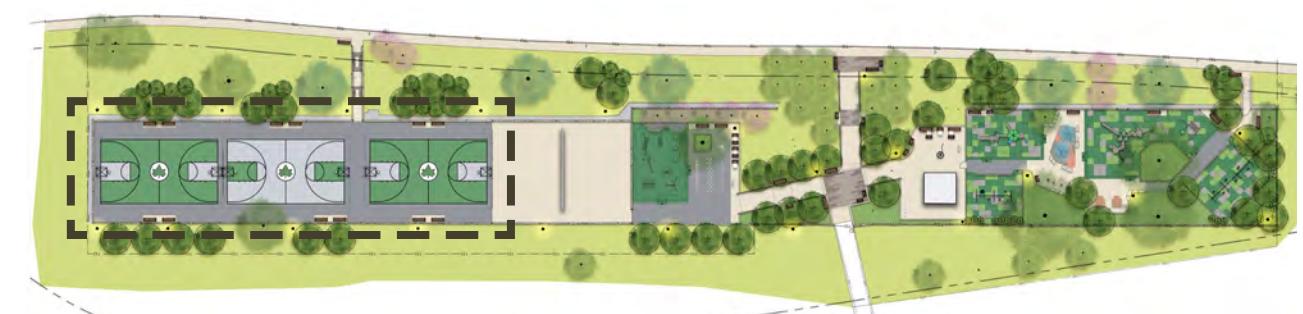


## Playground Reconstruction Albert Mauro Playground | Adult Fitness





**Playground Reconstruction**  
Albert Mauro Playground | Basketball Courts



## LEGEND

■ EXISTING FENCES (x = HEIGHT)

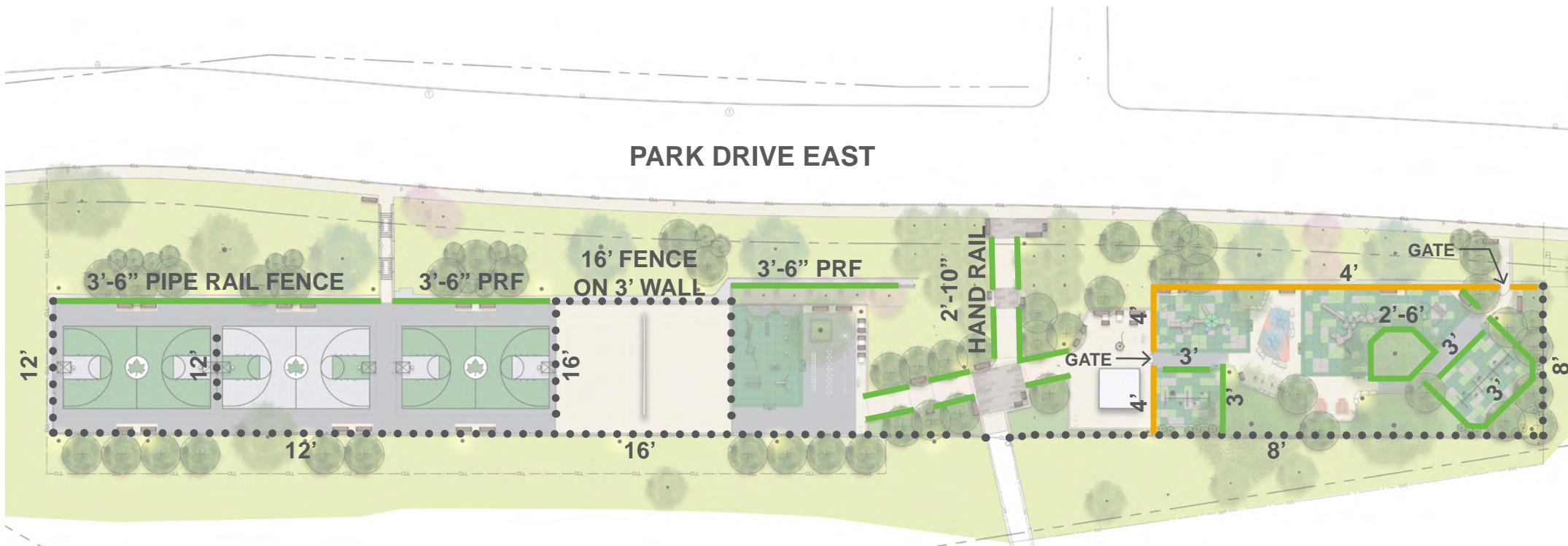
.....x..... CLF

■ MEDIUM / PERIMETER  
FENCES 4' - 7'-6" HT. (x = HEIGHT)

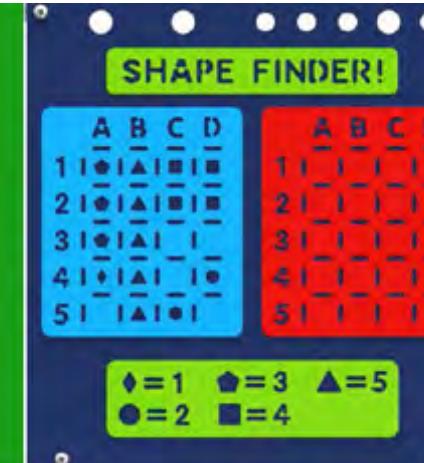
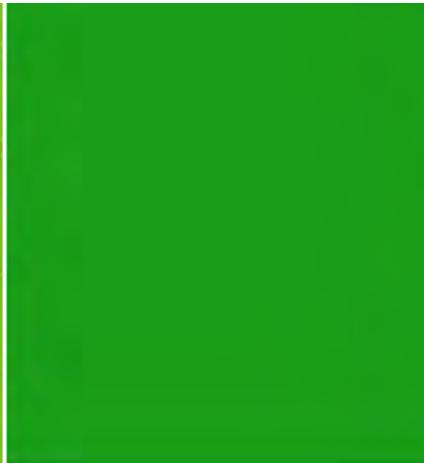
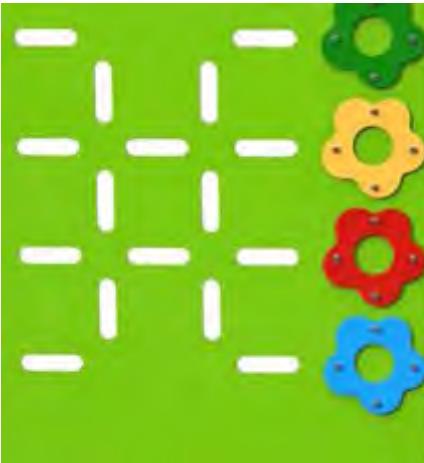
x — STEEL

■ LOW / PLANTING  
FENCES 2'-6" - 3'-6" HT. (x = HEIGHT)

x — STEEL



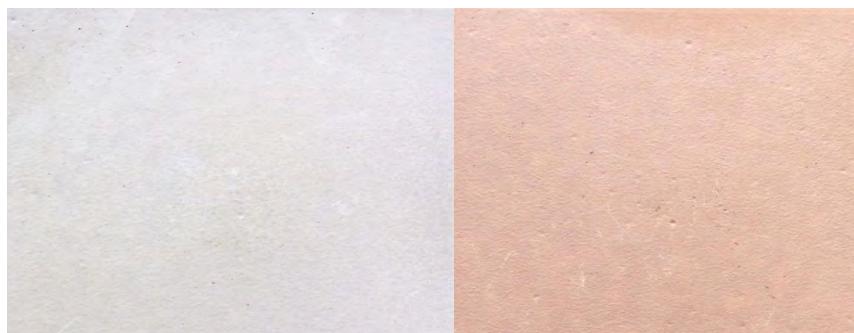
Playground Reconstruction  
Albert Mauro Playground | Fence Diagram



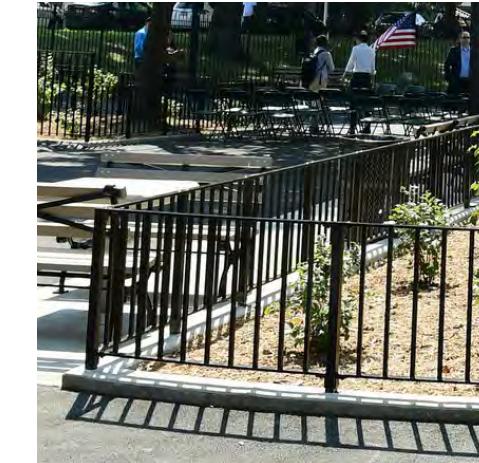
PLAY EQUIPMENT - Lime Green, Medium Green, Red and Blue Accents



SAFETY SURFACE - Dark Green (#6), Tan, Light Green (#12) (EZ Fall)



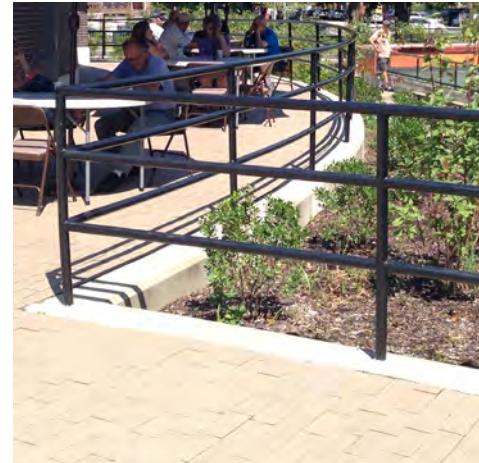
COLORED CONCRETE FOR SPRAY SHOWER- Dune, Salmon (Davis Colors)



2'-6" HT. STEEL FENCE  
COLOR: BLACK



4'-0" HT. STEEL FENCE  
COLOR: BLACK



3'-6" PIPE RAIL FENCE  
(2'-10" HAND RAIL SIM.)  
COLOR: BLACK



CONCRETE PAVERS - Cream, Tan, Brown, Antietam (Hanover Architectural Products)



Playground Reconstruction  
Albert Mauro Playground | Materials



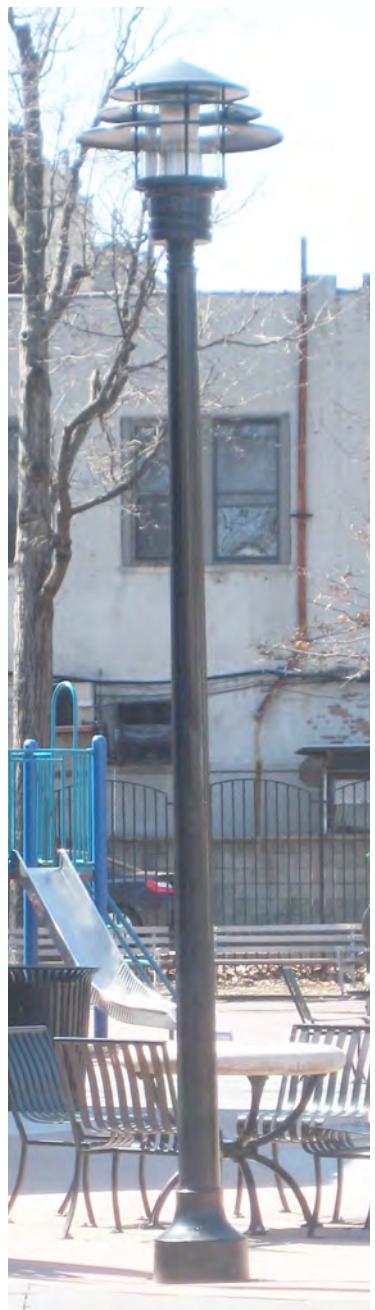
1964 World's Fair Bench With Back and Arms, RPL Slats



Concrete Game Table



Picnic Table



Flushing Meadow Candela



Public Space Receptacle Bins



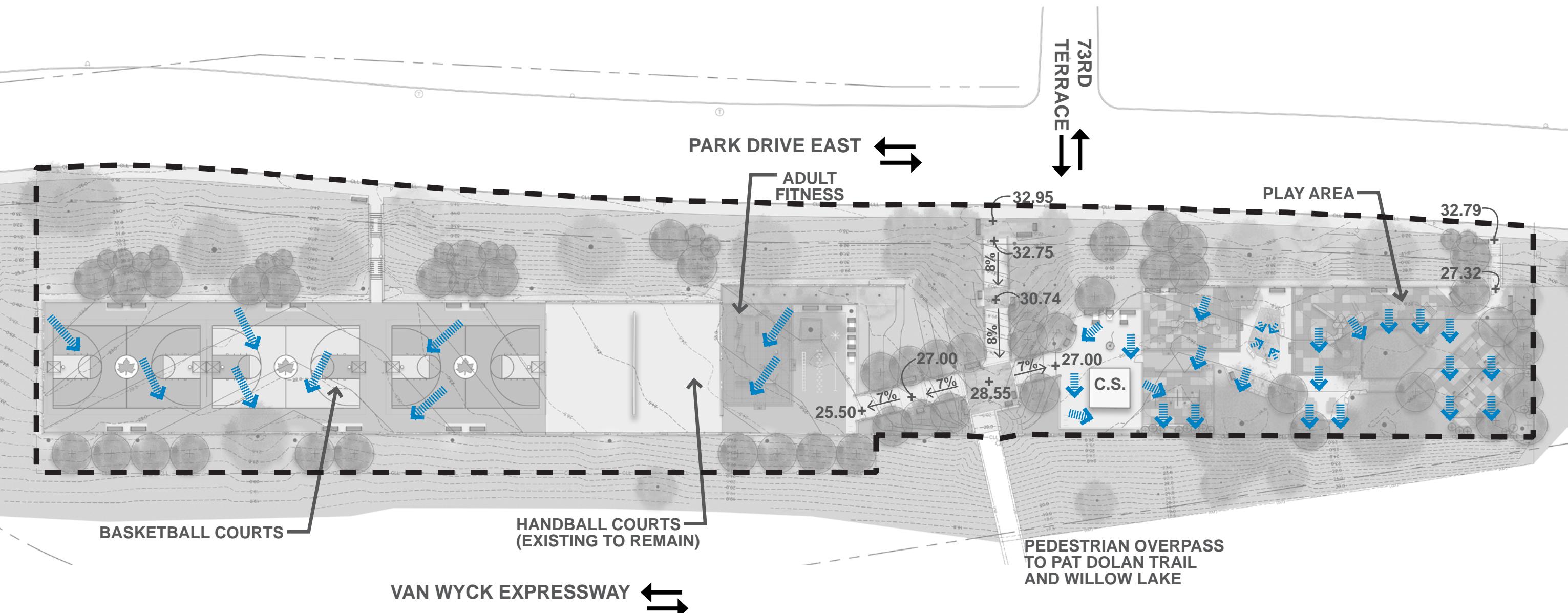
Bike Rack - DOT CityRack



Bottle Filler - HiLo Silver



**Playground Reconstruction**  
Albert Mauro Playground | Site Furnishings

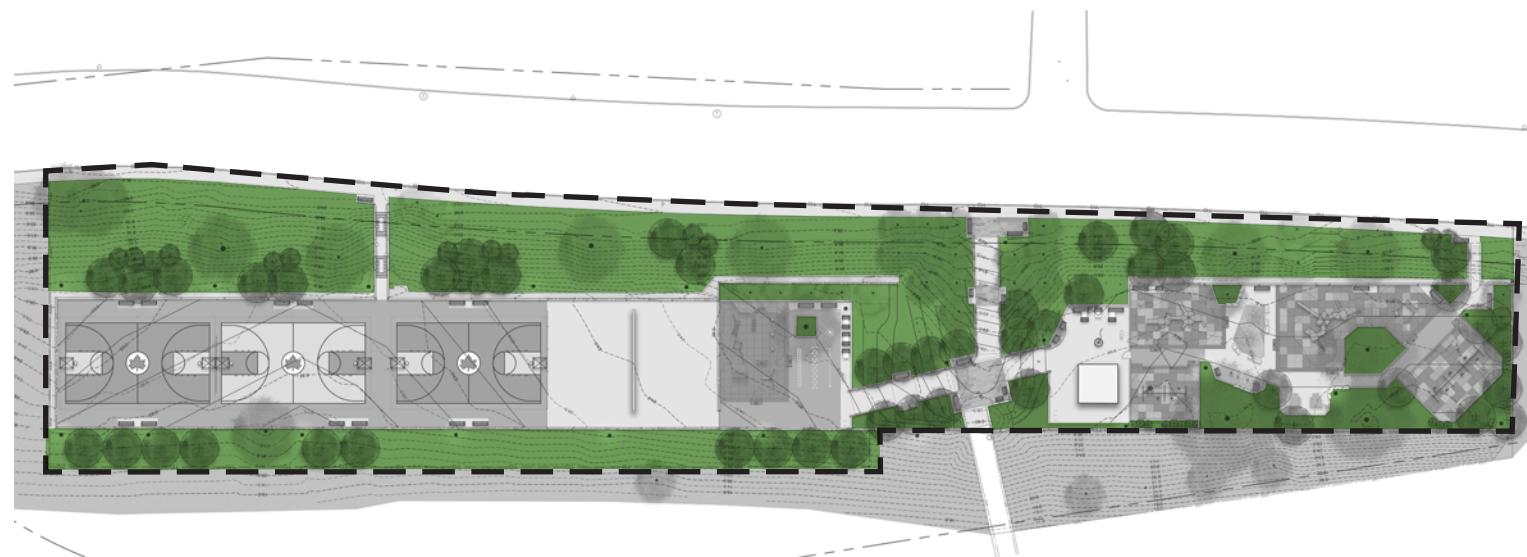


**Playground Reconstruction**  
Albert Mauro Playground | Grading Plan





EXISTING PLANTED AREA: 41%

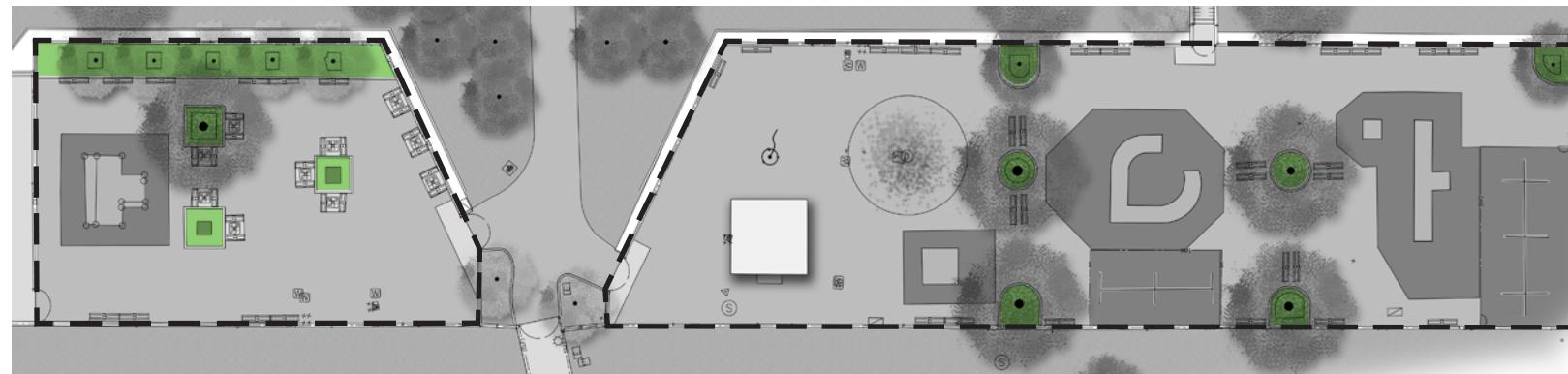


PROPOSED PLANTED AREA: 47%



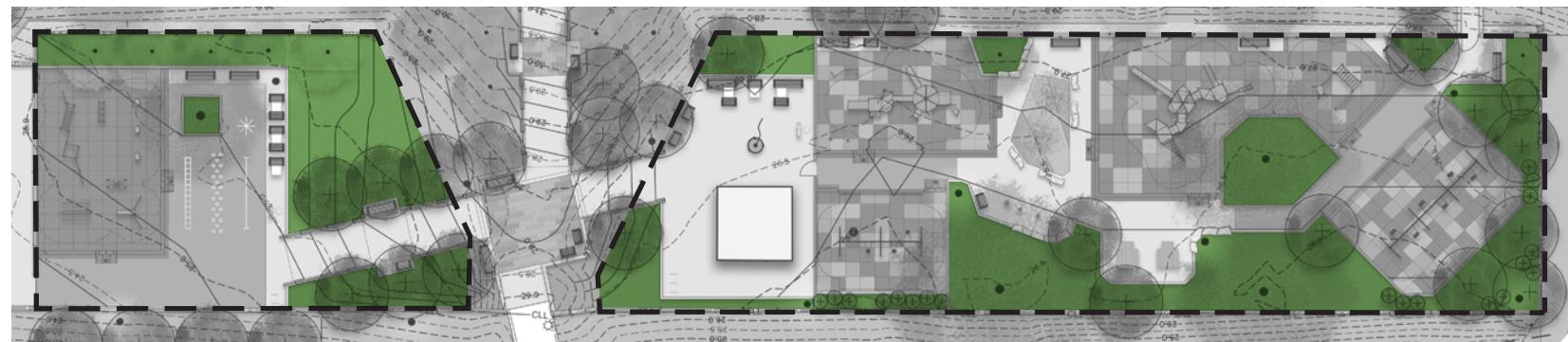
## Playground Reconstruction Albert Mauro Playground | Sustainability Analysis: Site Comparison

N.T.S.  
N.T.S.



**ADULT FITNESS  
EXISTING PLANTED  
AREA: 14%**

**PLAY AREA EXISTING PLANTED AREA: 3%**



**ADULT FITNESS  
PROPOSED PLANTED  
AREA: 37%**

**PLAY AREA PROPOSED PLANTED AREA: 28%**



## Playground Reconstruction

Albert Mauro Playground | Sustainability Analysis: Adult Fitness and Play Area Comparison

N.T.S.  
N.T.S.

## LEGEND

- EXISTING TREE TO REMAIN
- ⊕ PROPOSED TREE
- SHRUB AND PERENNIAL PLANTING
- SLOPE PLANTING
- LAWN
- MULCH AREA

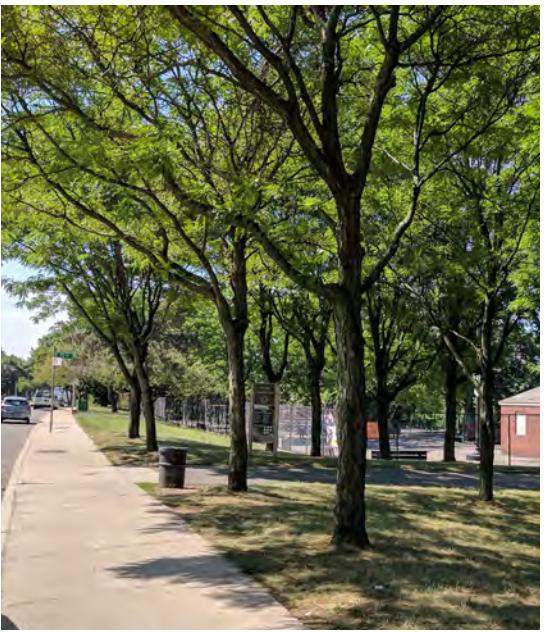


**Playground Reconstruction**  
Albert Mauro Playground | Planting Diagram





Dura-Heat River Birch



Honey Locust (*inermis*)



Black Gum



Sweet Gum



Kentucky Coffee Tree



Pin Oak



Swamp White Oak



American Hophornbeam



Schubert Chokecherry



Tree Lilac



**Playground Reconstruction**  
Albert Mauro Playground | Plant Palette - Trees



Eastern Redbud



Witchhazel



Service Berry

### Screening Planting



Slender Silhouette Sweet Gum



**Playground Reconstruction**  
Albert Mauro Playground | Plant Palette - Trees

## Shrub and Perennial Planting



Bobbee Northern Bayberry



Dwarf Sweet Box



Spice Baby Viburnum



Walkers Low Catmint



Pee Wee Oak Leaf Hydrangea

## Slope Planting



Copper Bush Honeysuckle



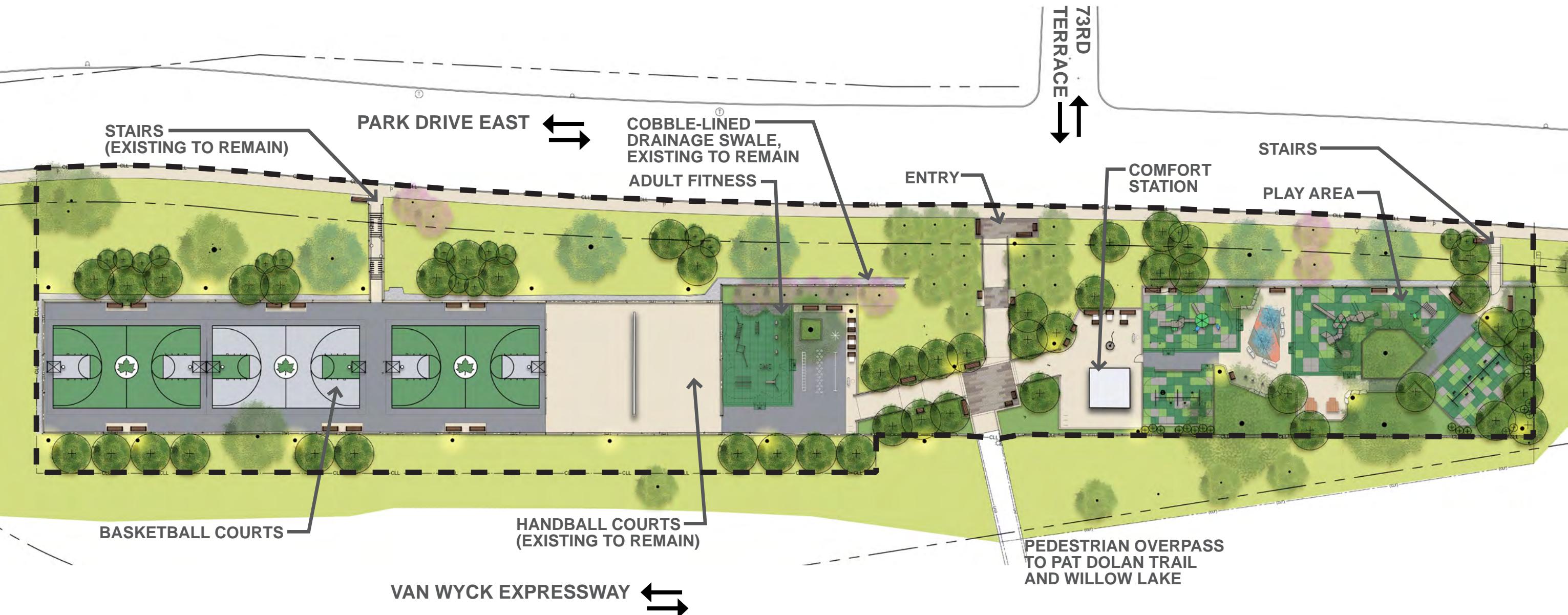
Gro Low Aromatic Sumac



Muskingum Dogwood



**Playground Reconstruction**  
Albert Mauro Playground | Plant Palette



**Playground Reconstruction**  
Albert Mauro Playground | Schematic Plan

