



Parks

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

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





New York City

3 MI



Kew Gardens Hills

1000 FT



Site

300 FT



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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



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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

Legend

--- Project Limit

↔ Park Entrance

→ Traffic

■ Play Equipment

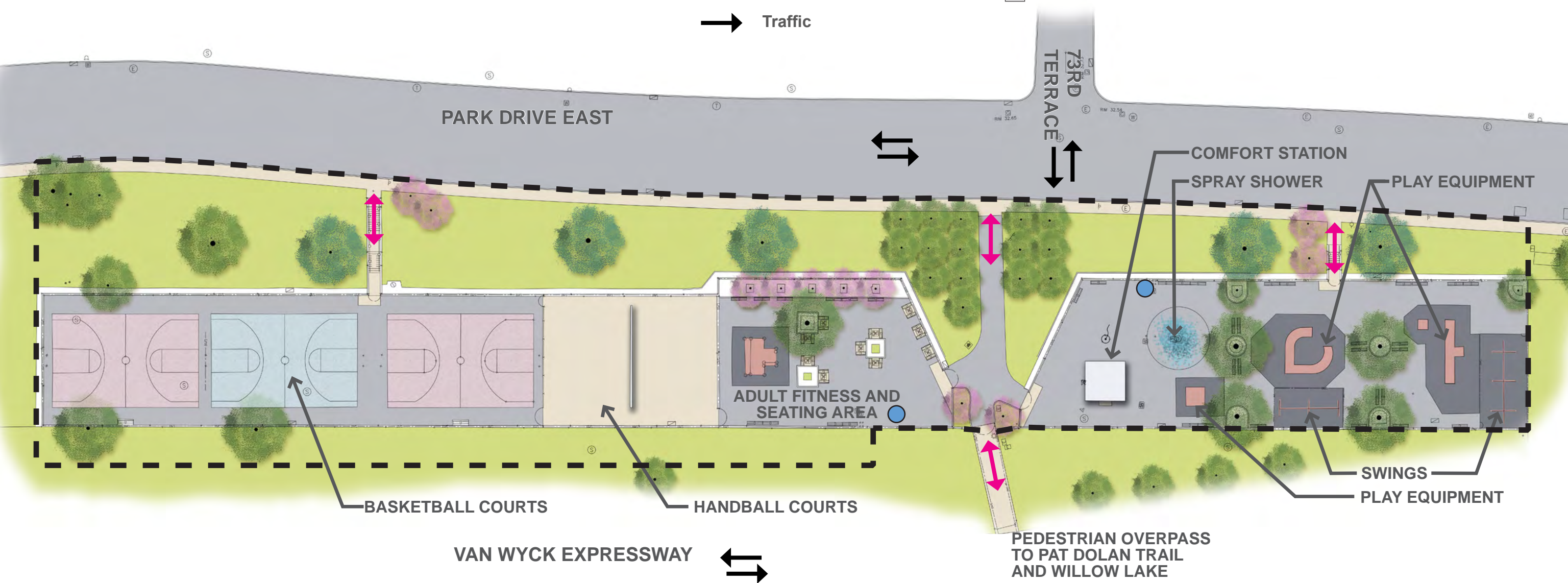
■ Asphalt Pavement

■ Reinforced Concrete

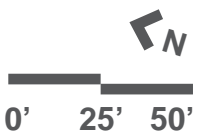
● Tree

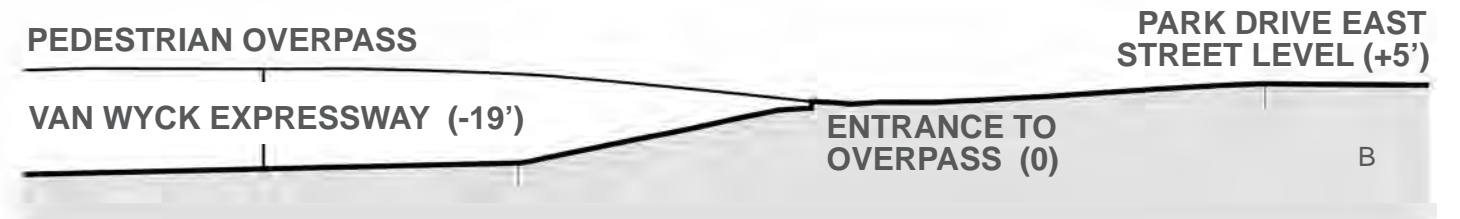
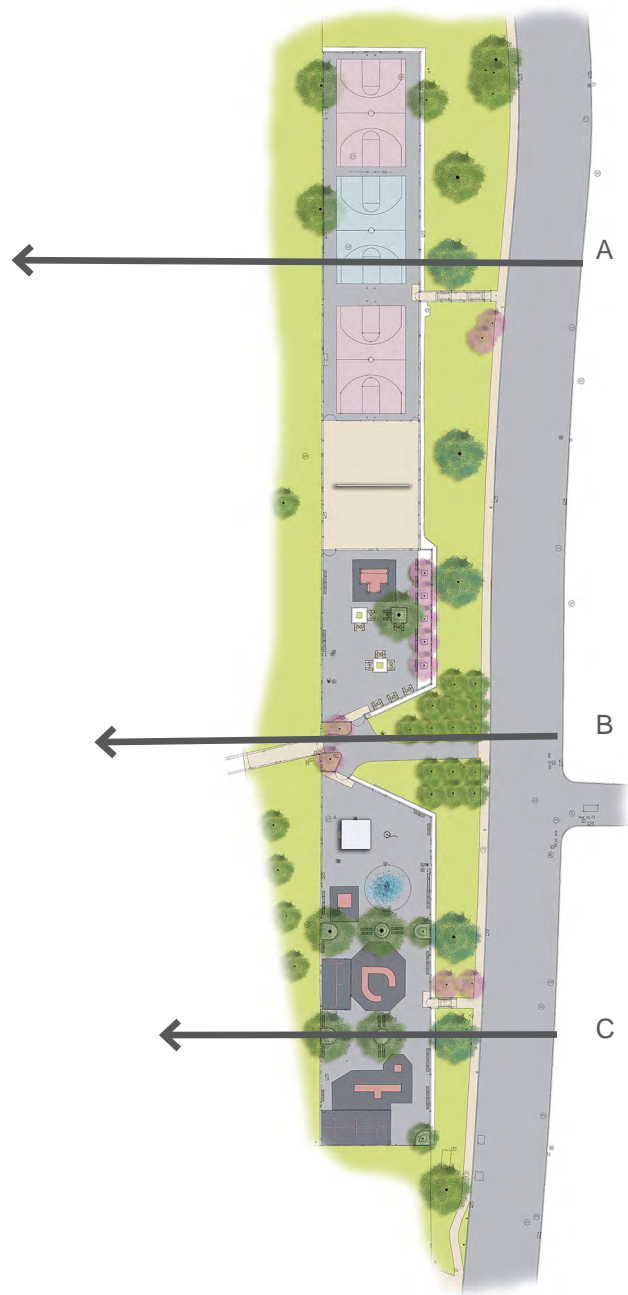
● Parks Lightpole

● Drinking Fountain



Playground Reconstruction Albert Mauro Playground | Existing Condition Plan





Playground Reconstruction Albert Mauro Playground | Existing Condition Sections



Legend

--- Project Limit

↔ Park Entrance

... Pedestrian Traffic

-----> Heavy Vehicle Traffic

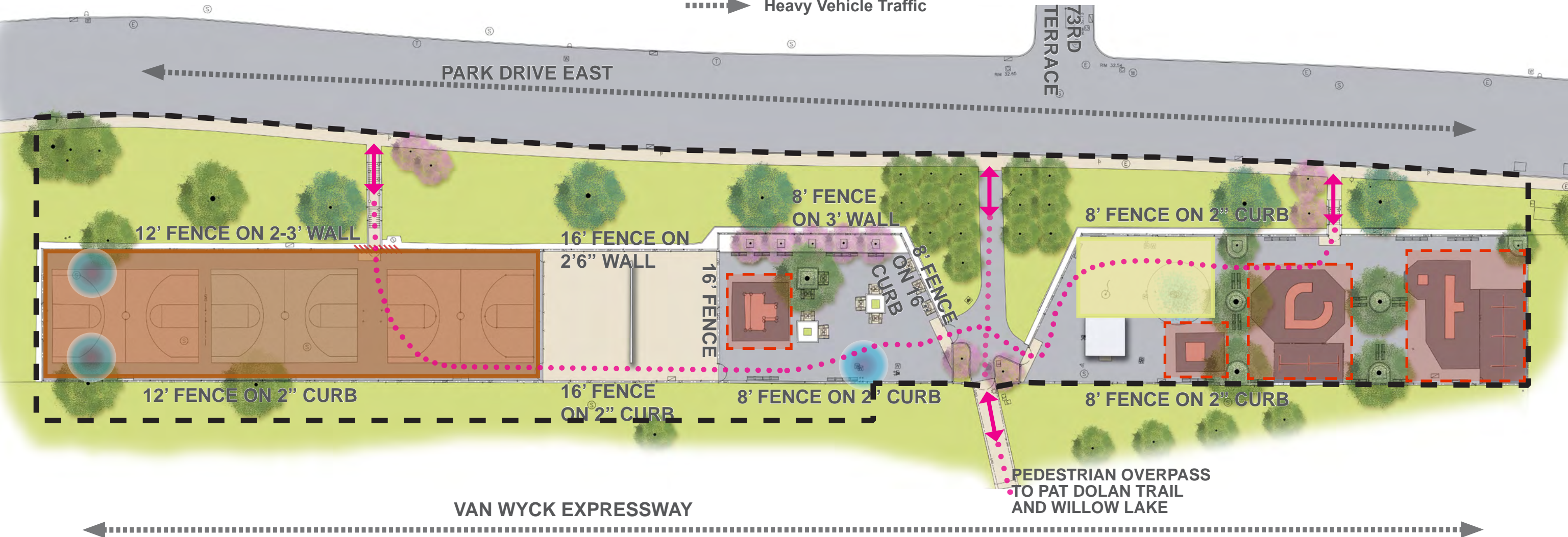
//// Decaying Wall/Curb

- - - outdated play equipment & safety surface

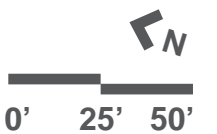
■ damaged asphalt

■ open sunny play area

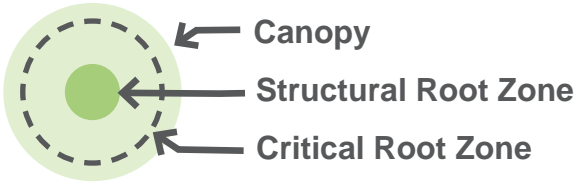
● Drainage Problem



Playground Reconstruction Albert Mauro Playground | Site Analysis

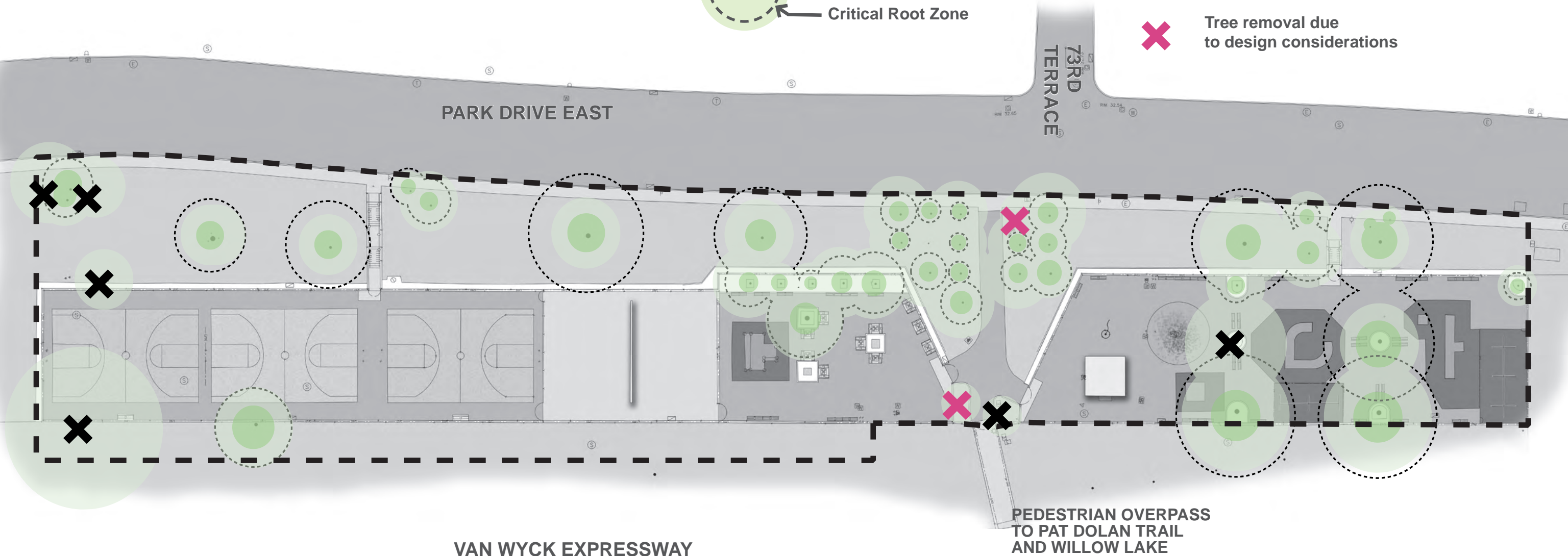


Legend



✖ Tree removal due to poor condition

✖ Tree removal due to design considerations

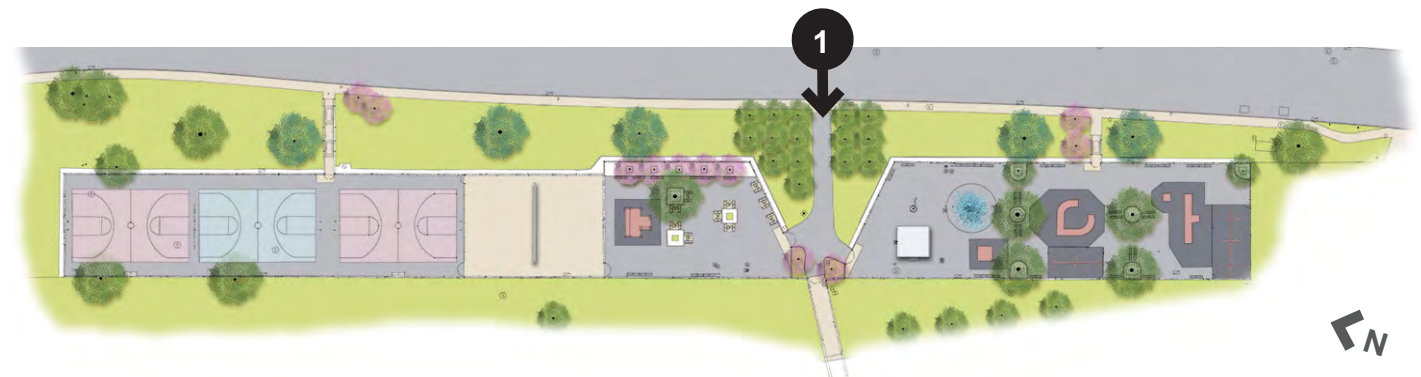


Playground Reconstruction
Albert Mauro Playground | Tree Inventory





1 - Panorama of main entrance





2 - Spray shower



3 - Van Wyck Expressway adjacent to playground swings



Playground Reconstruction
Albert Mauro Playground | Site Photos





4 - Play equipment



5 - Play equipment



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Playground Reconstruction
Albert Mauro Playground | Site Photos





6 - Play equipment



7 - View down the stairs at the south entrance



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Playground Reconstruction
Albert Mauro Playground | Site Photos

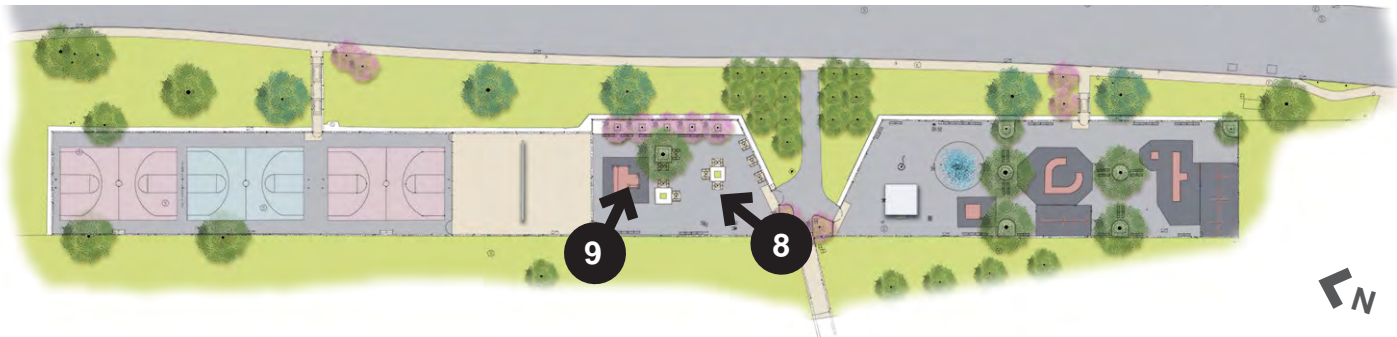




8 - Seating area



9 - Adult fitness equipment

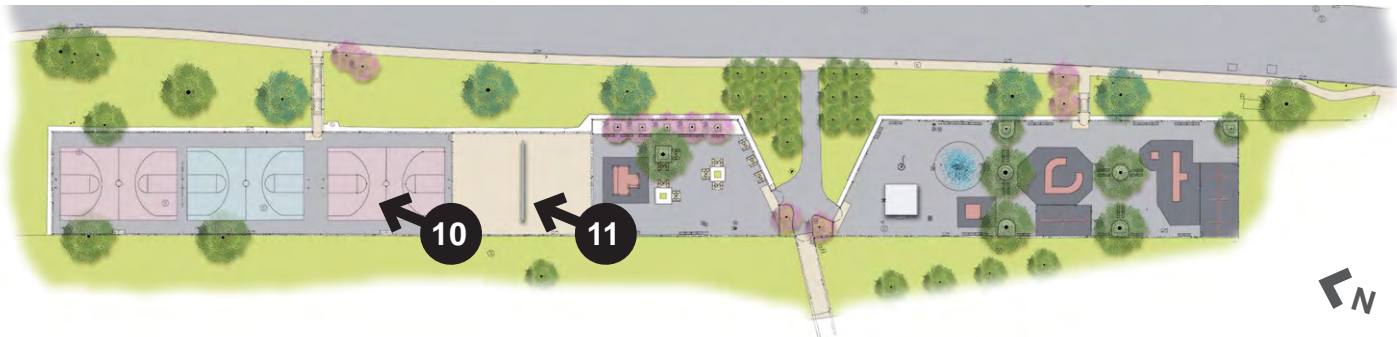




10 - Handball courts



11 - Basketball courts





12 - View down stairs to basketball courts



13 - View down slope towards basketball courts



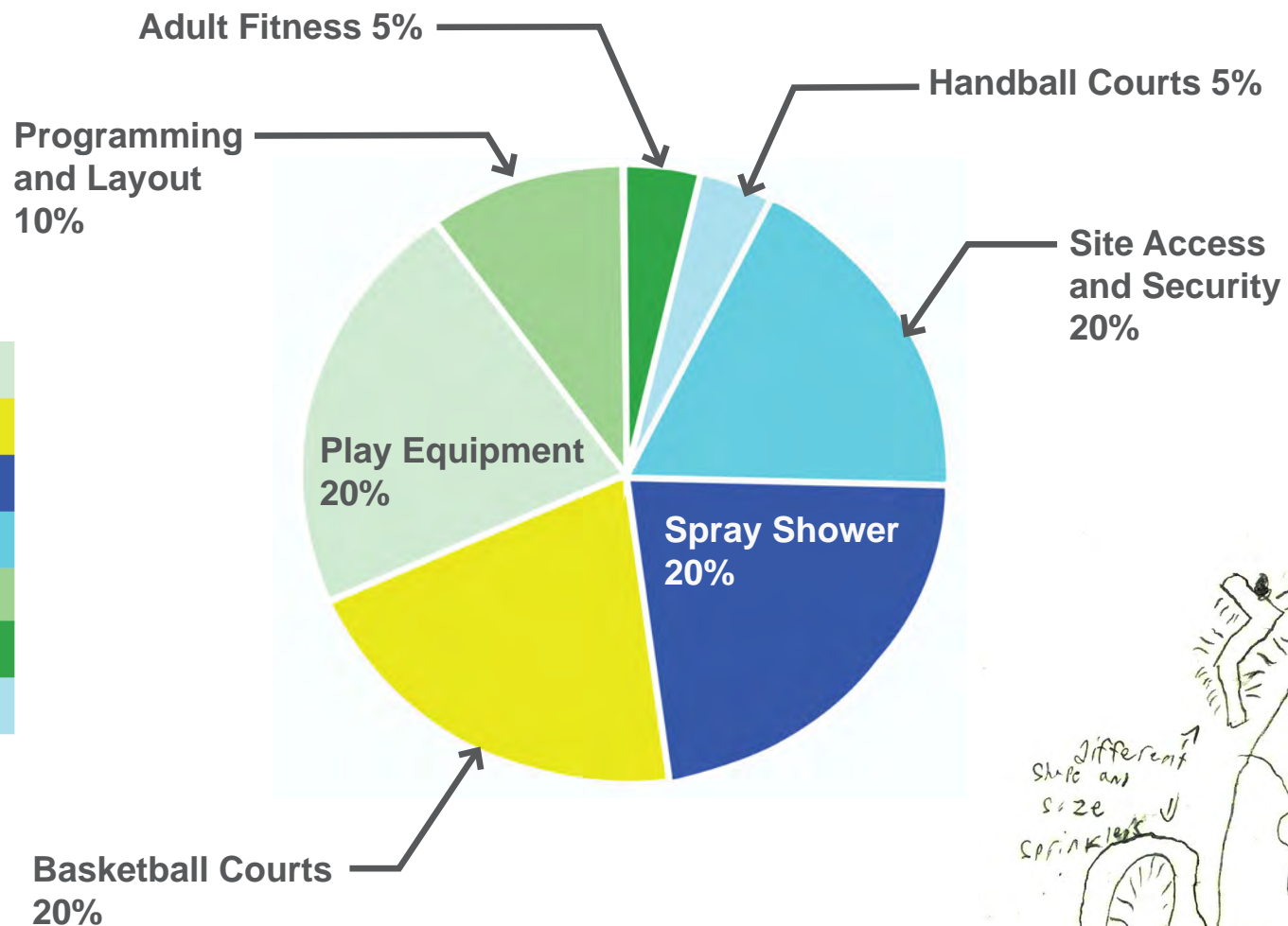
Playground Reconstruction
Albert Mauro Playground | Site Photos



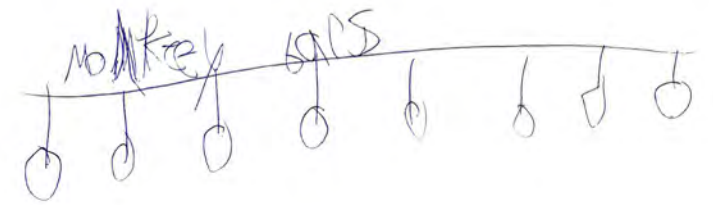
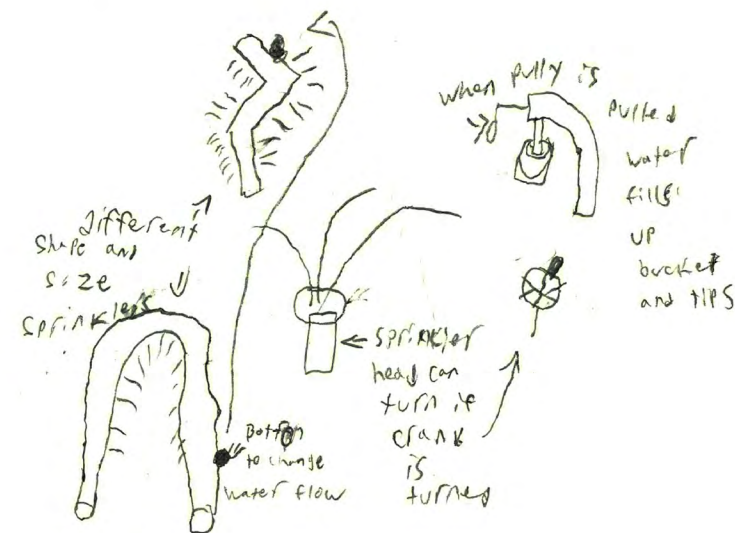


14 - Pedestrian overpass leads to nature trail

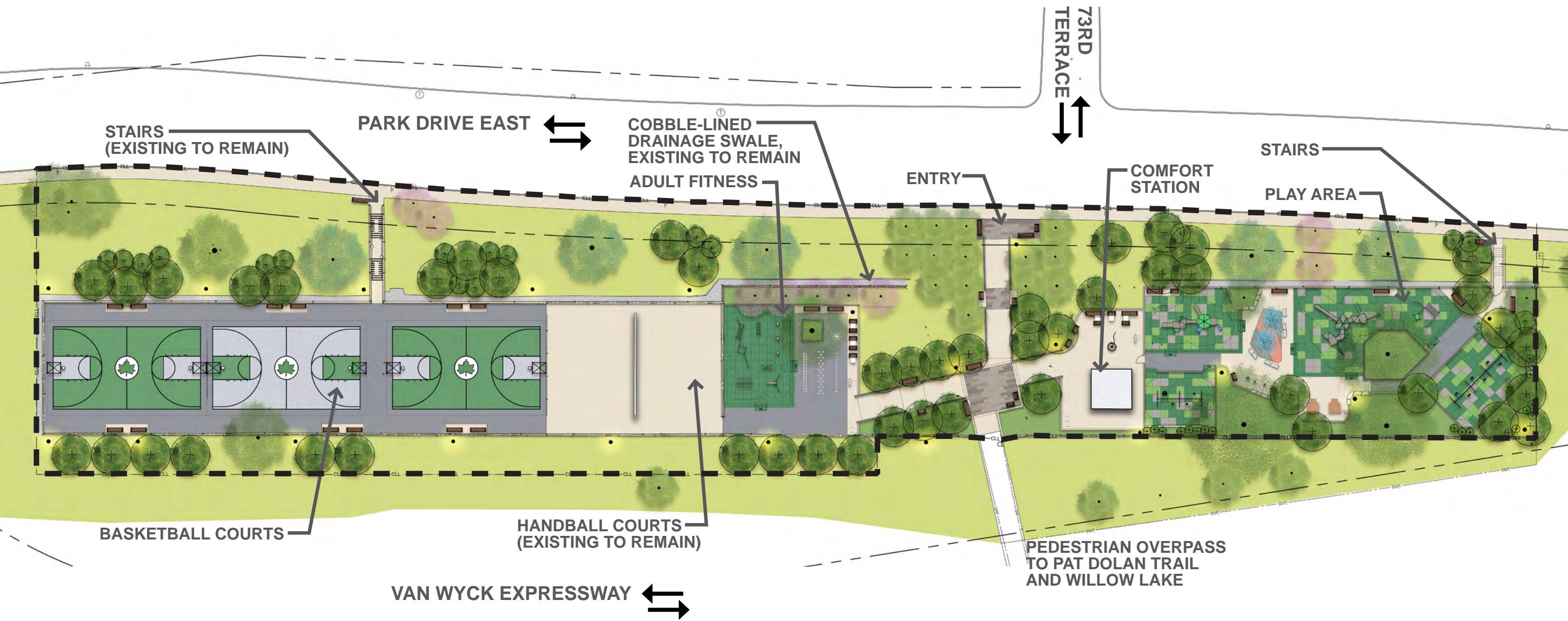




Play Equipment
Basketball Courts
Spray Shower
Site Access and Security
Programming and Layout
Adult Fitness
Handball Courts

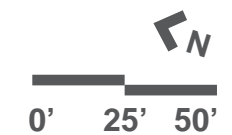


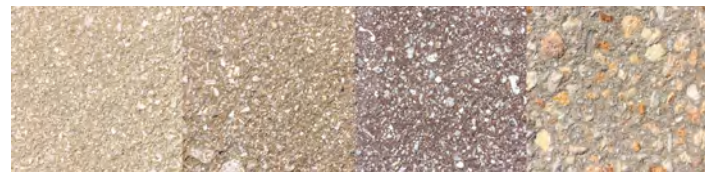
Children's sketches of play equipment and spray showers from Public Scope Meeting 5/17/17



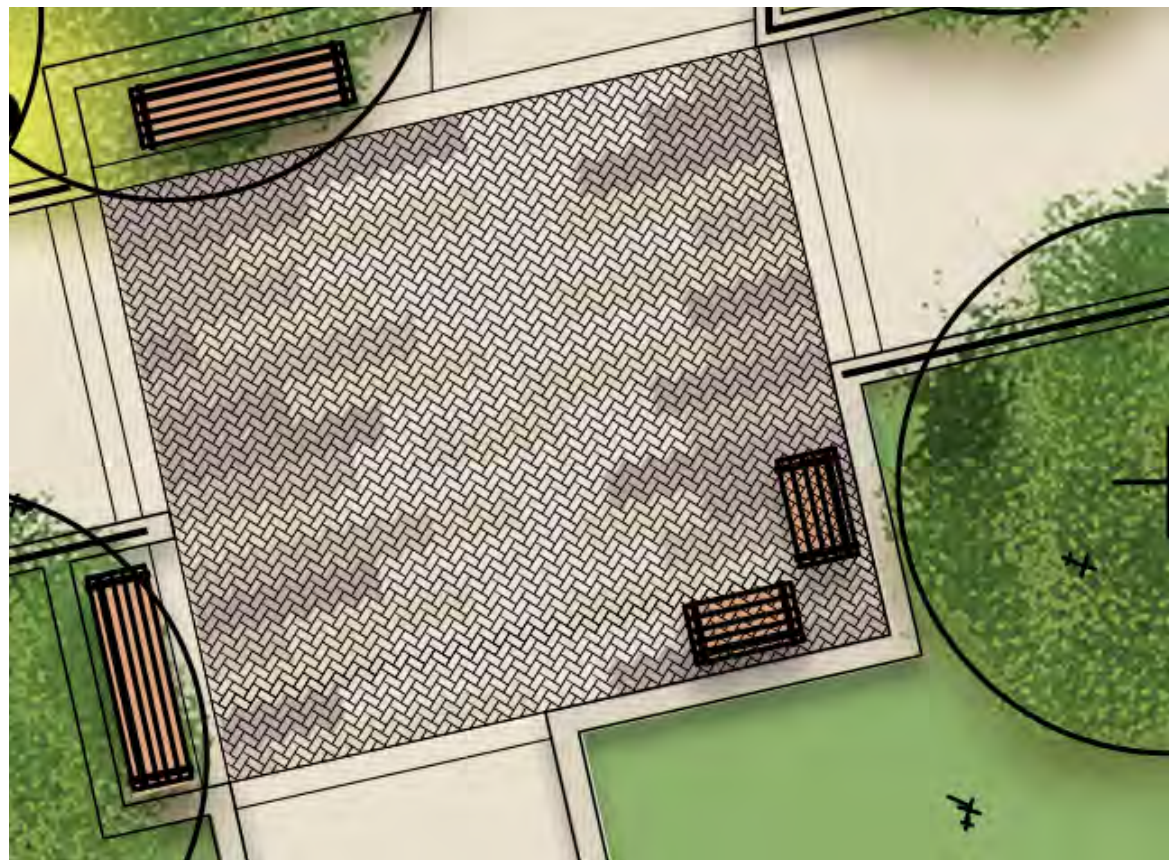
NYC Parks

Playground Reconstruction Albert Mauro Playground | Schematic Plan



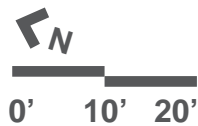


4 x 8 Concrete Pavers
 Cream
 Tan
 Brown
 Antietam

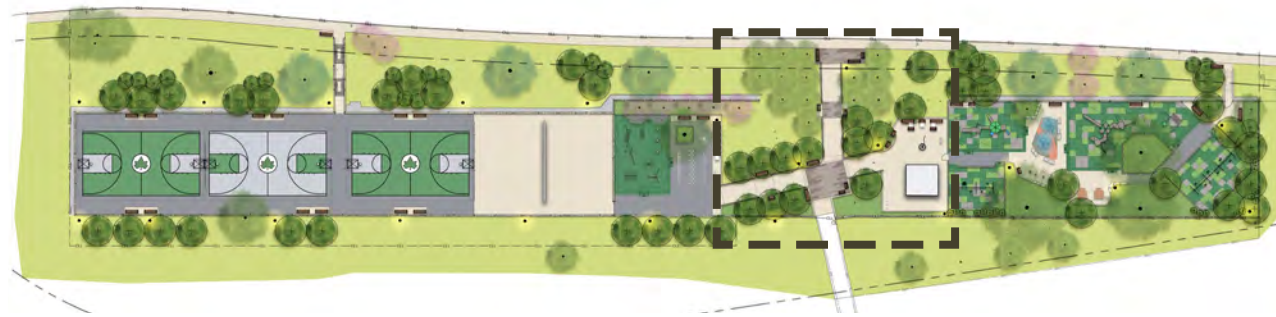


Enlarged plan of park entry

Paving Pattern Enlargement



Playground Reconstruction
 Albert Mauro Playground | Enlarged Schematic

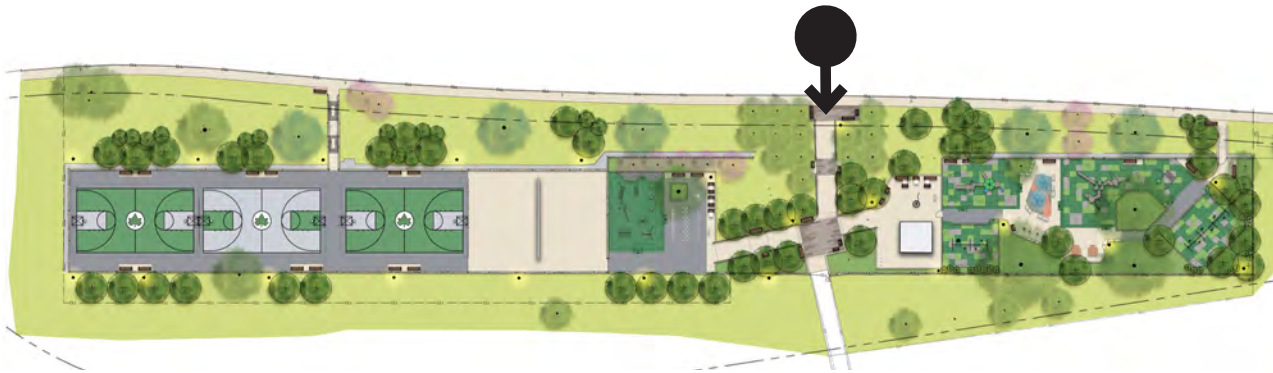


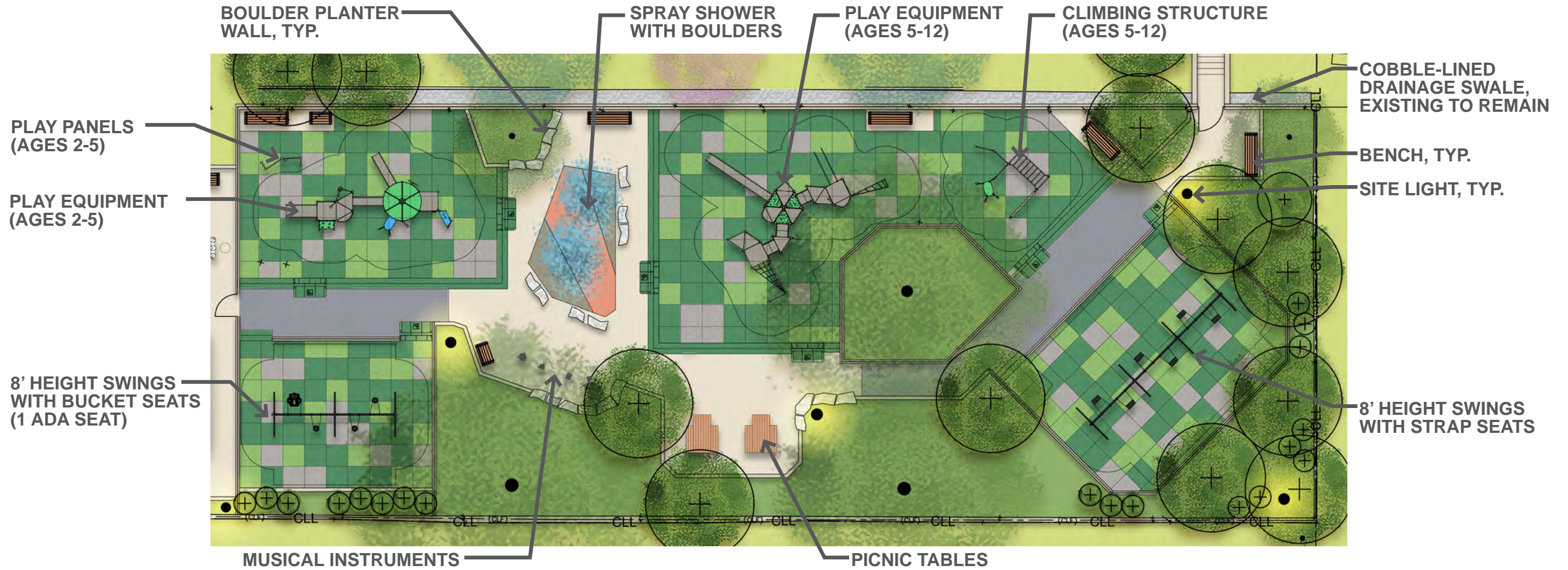


Rendering of Park Entrance



Playground Reconstruction
Albert Mauro Playground | Rendering





Enlarged plan of play area





PLAY EQUIPMENT FOR AGES 2-5, view 1



PLAY PANELS FOR AGES 2-5, view 1



PLAY EQUIPMENT FOR AGES 2-5, view 2



PLAY PANELS FOR AGES 2-5, view 2

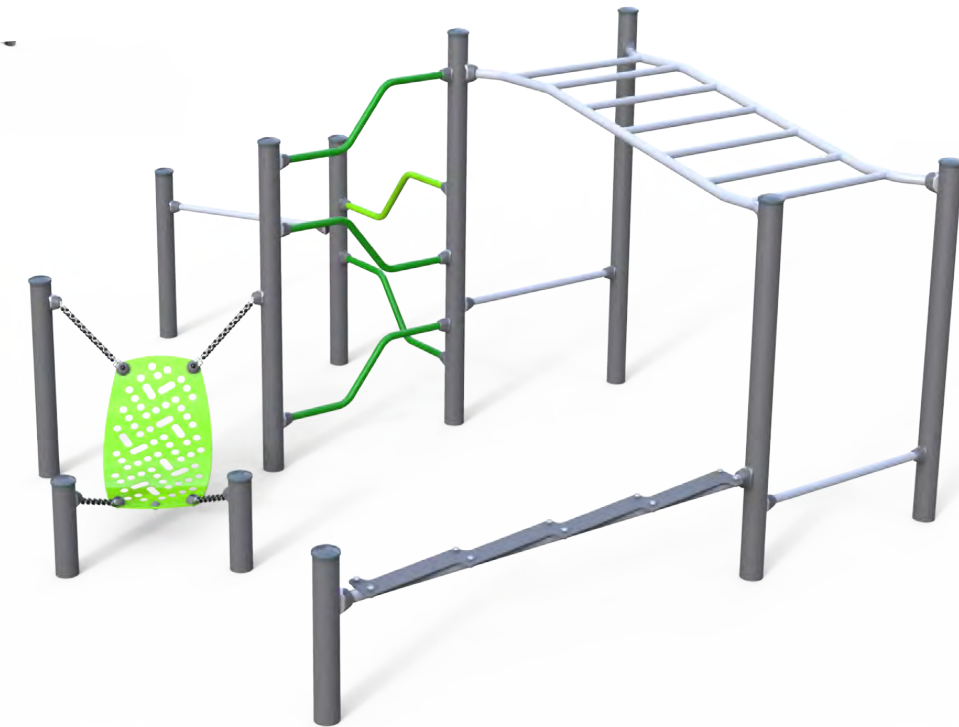




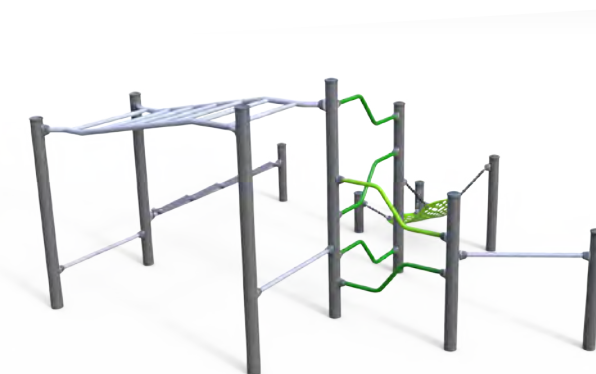
PLAY EQUIPMENT FOR AGES 5-12, view 1



PLAY EQUIPMENT FOR AGES 5-12, view 2



CLIMBING STRUCTURE FOR AGES 5-12, view 1



CLIMBING STRUCTURE FOR AGES 5-12, view 1

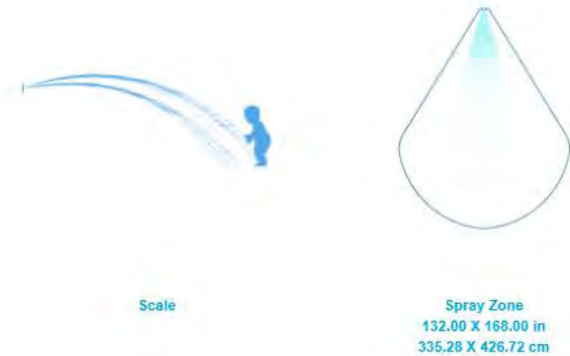


WALL SPRAY

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



WAVE (IN WALL)

VOR 0326

PRODUCTS HIGHLIGHTS

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

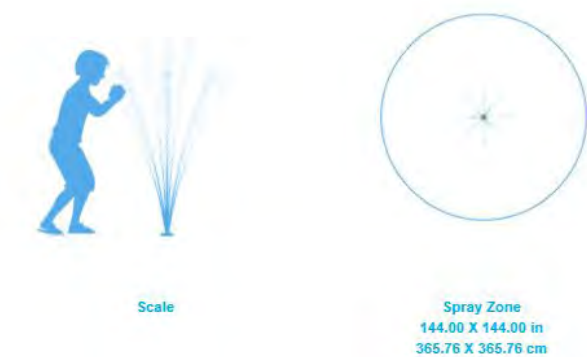


FOUNTAIN SPRAY N°1

VOR 7513

PRODUCTS HIGHLIGHTS

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



Proposed Spray Features



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



Playground Reconstruction
Albert Mauro Playground | Spray Shower



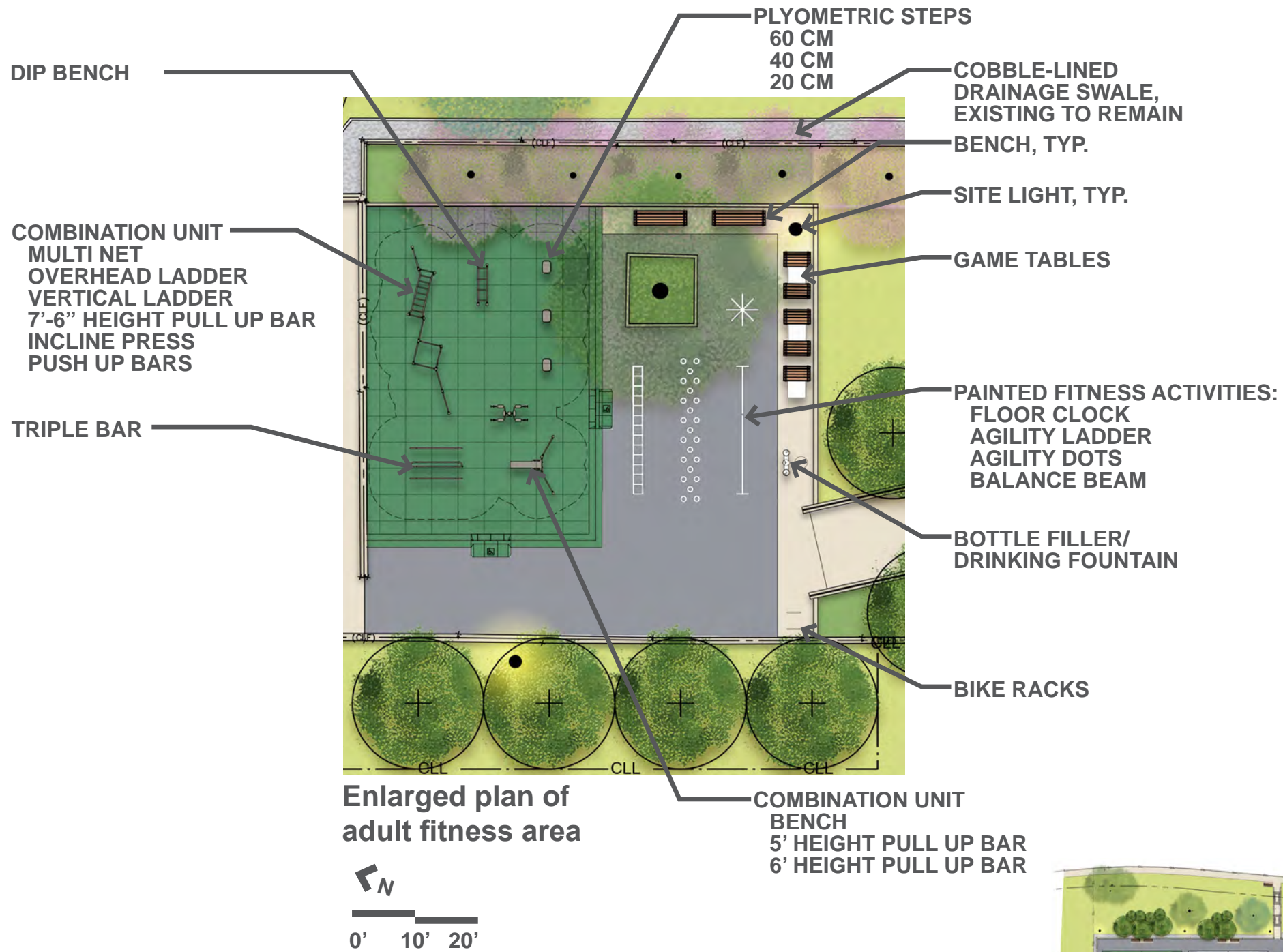
Babel Drums



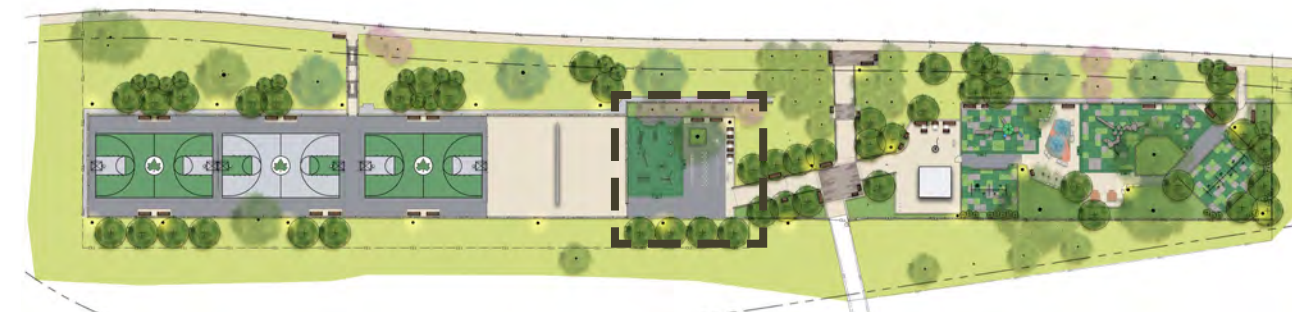
Cajon Drum

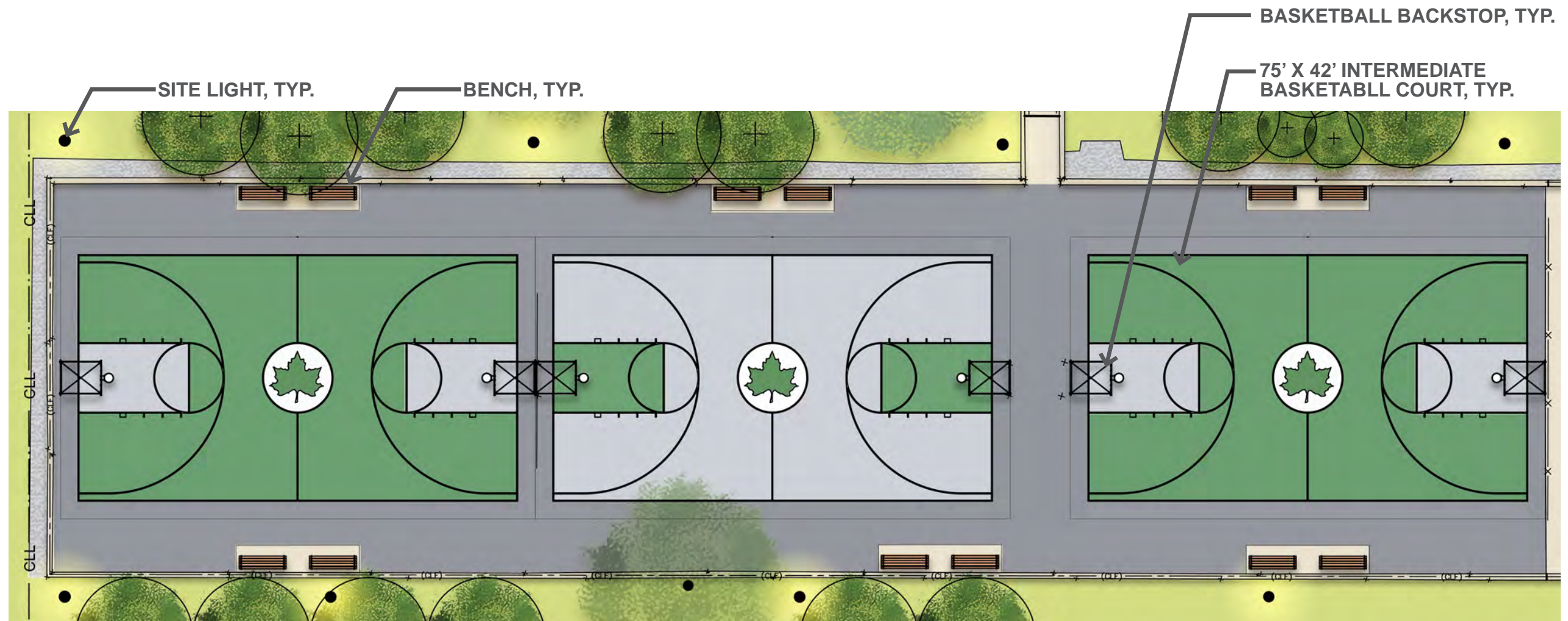


**Example of a Boulder Planter Wall
(Mary Whalen Playground)**

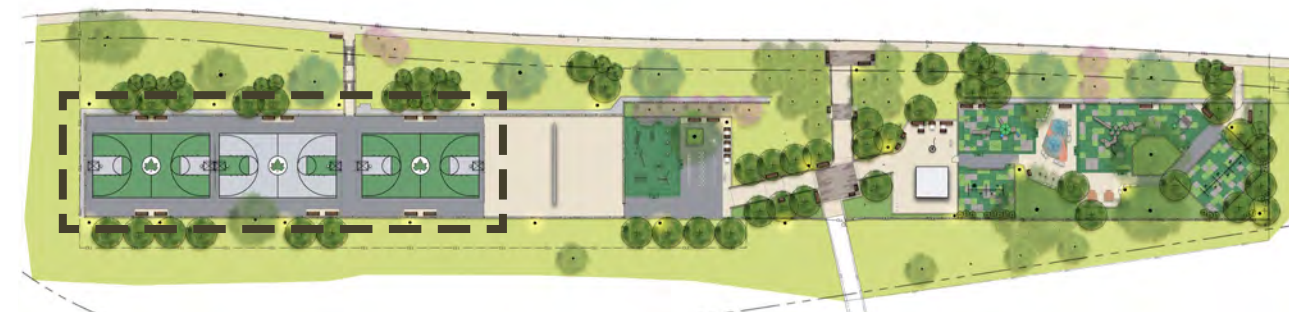
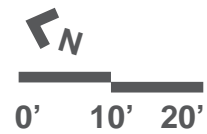


Rendering of adult fitness equipment

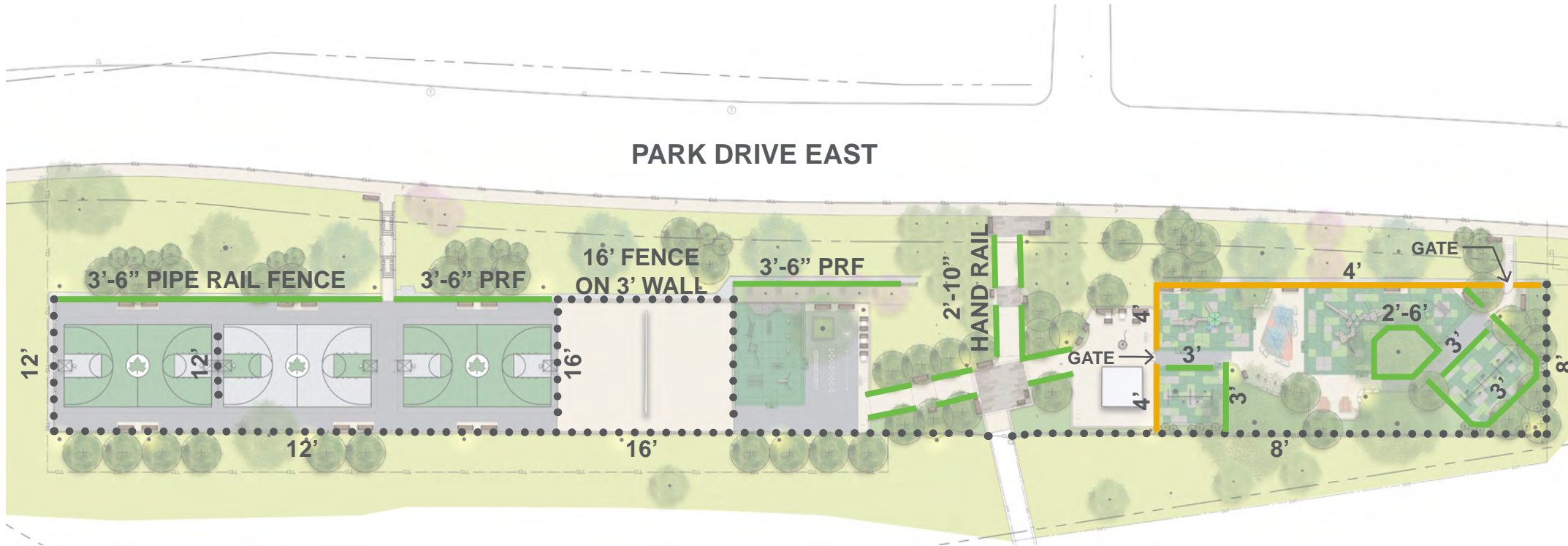




Enlarged plan of basketball courts



Playground Reconstruction Albert Mauro Playground | Basketball Courts



LEGEND

■ EXISTING FENCES (x = HEIGHT)

.....^x..... CLF

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

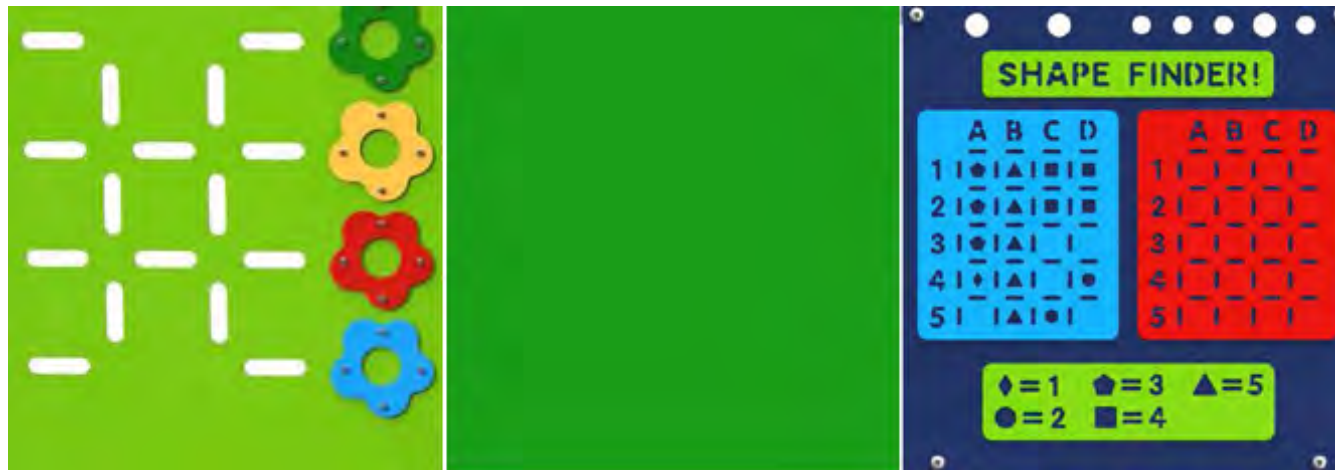
—^x— STEEL

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

—^x— STEEL



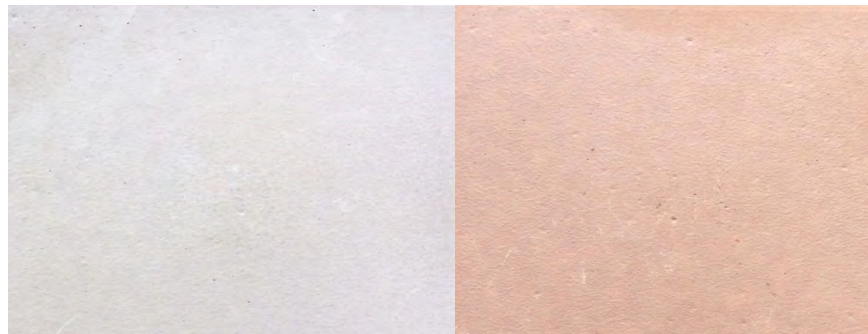
Playground Reconstruction Albert Mauro Playground | Fence Diagram



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



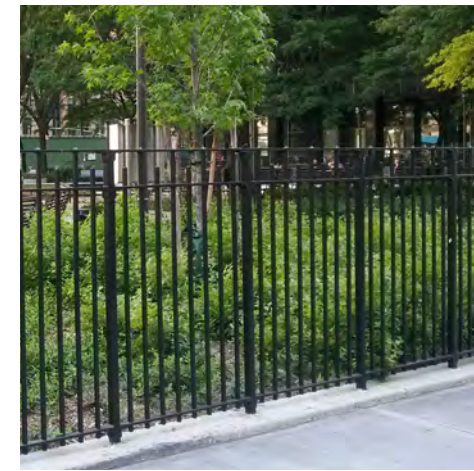
SAFETY SURFACE - Dark Green (#6), Tan, Light Green (#12) (EZ Fall)



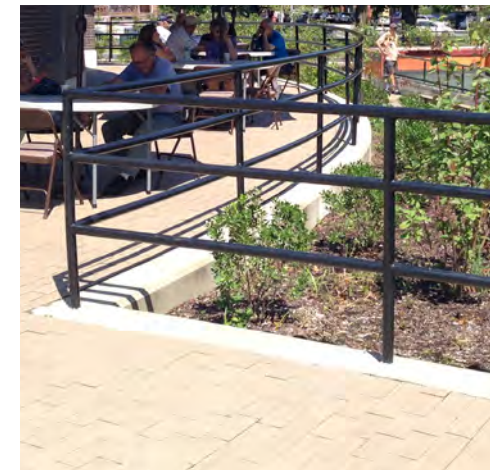
COLORED CONCRETE FOR SPRAY SHOWER- Dune, Salmon (Davis Colors)



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))





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



Concrete Game Table



Picnic Table



Public Space Receptacle Bins



Bike Rack - DOT CityRack



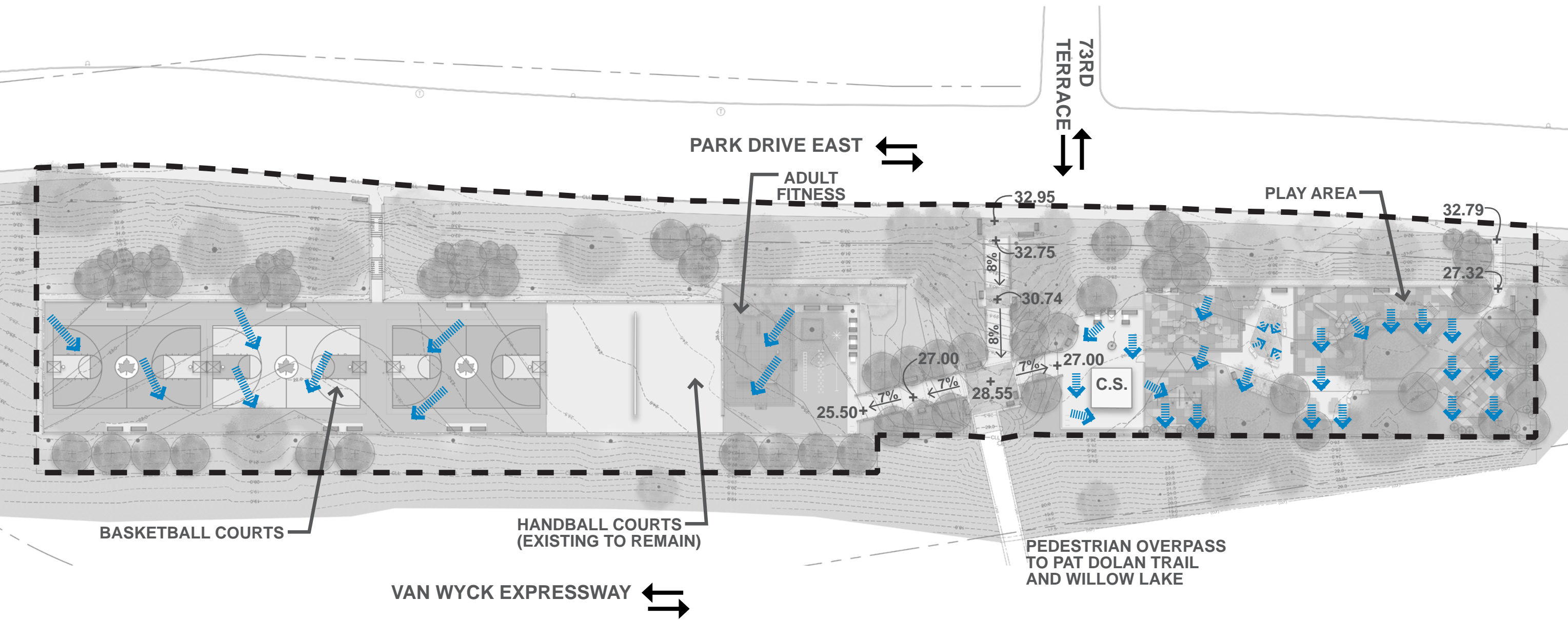
Bottle Filler - HiLo Silver



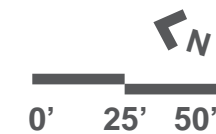
Flushing Meadow Candela



Playground Reconstruction
Albert Mauro Playground | Site Furnishings

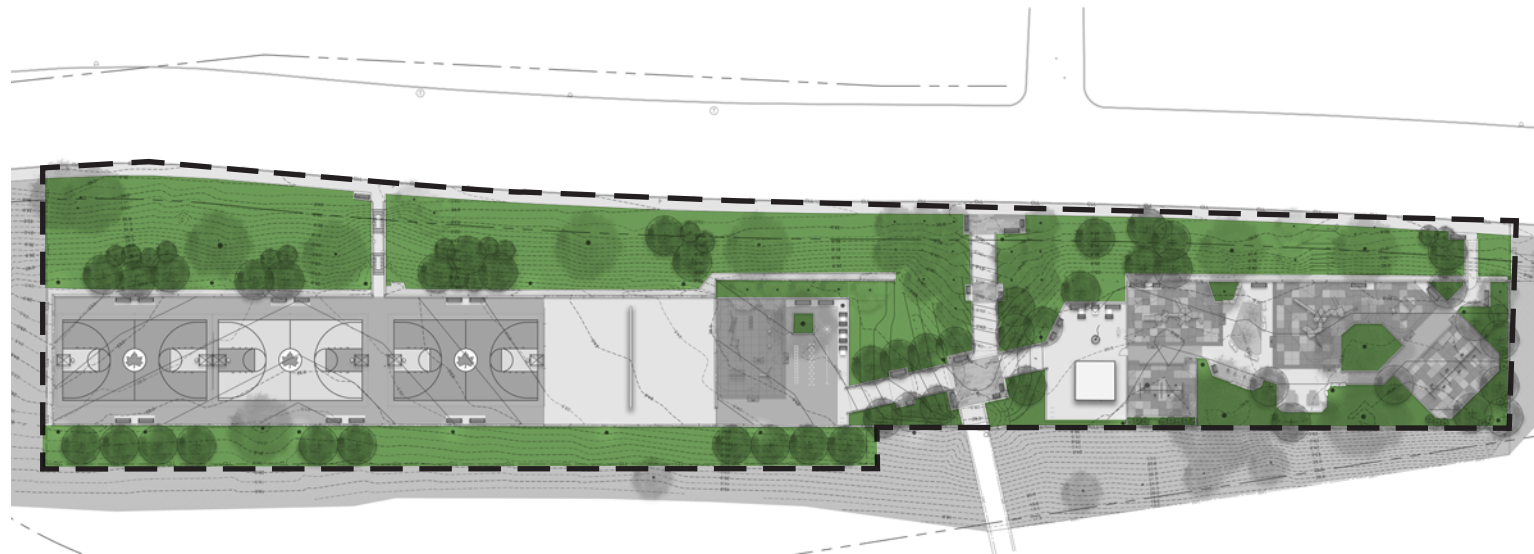


Playground Reconstruction
Albert Mauro Playground | Grading Plan





EXISTING PLANTED AREA: 41%

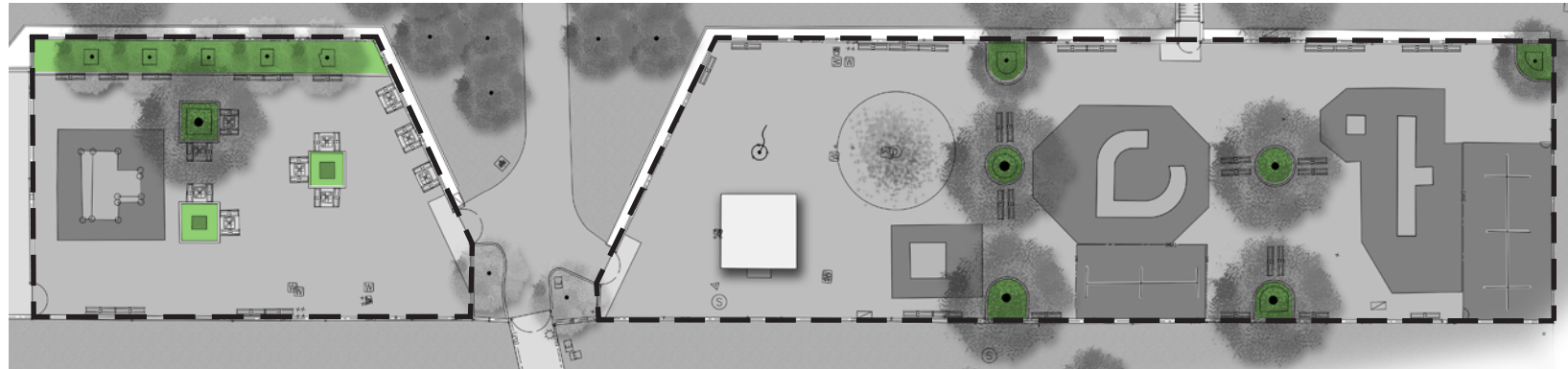


PROPOSED PLANTED AREA: 47%



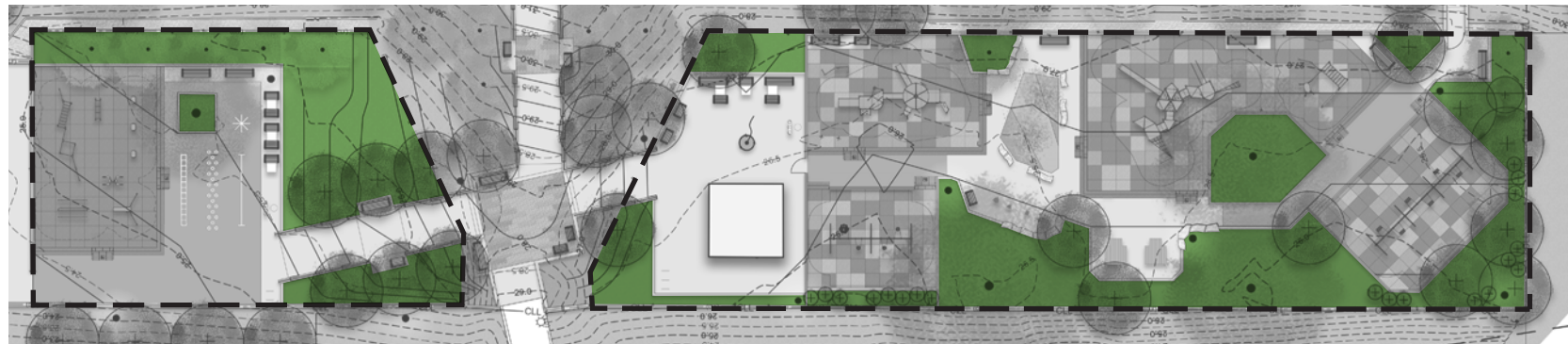
Playground Reconstruction
Albert Mauro Playground | Sustainability Analysis: Site Comparison





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

PLAY AREA EXISTING PLANTED AREA: 3%



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

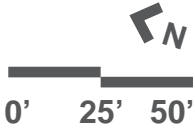
PLAY AREA PROPOSED PLANTED AREA: 28%

- 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





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

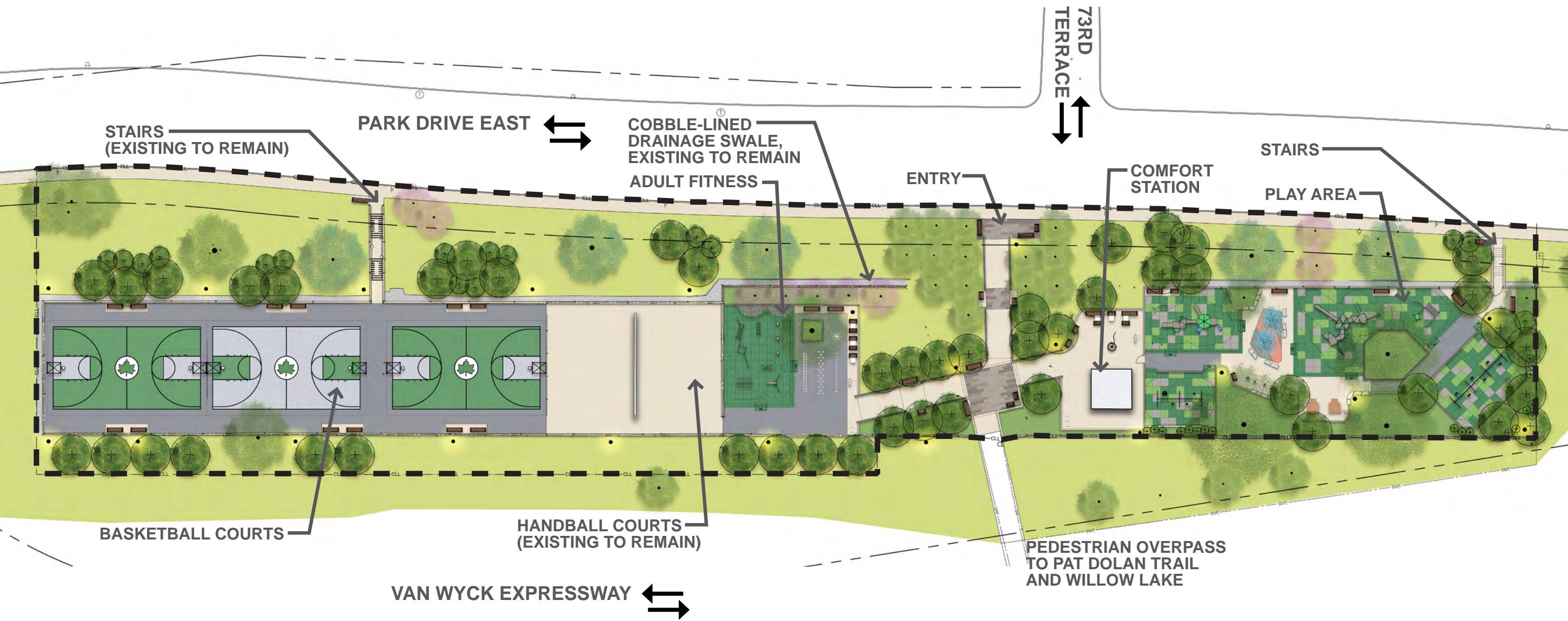


Gro Low Aromatic Sumac



Muskingum Dogwood





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Playground Reconstruction

Albert Mauro Playground | Schematic Plan

