



Parks

Riverside Park Adult Fitness Equipment Construction

Located at W71st in Riverside Park South

Borough of Manhattan – M353-124M

Community Board 7

Margaret Bracken

Total Budget: \$250,000 CM Gale Brewer Participatory Budget

Project Size: 0.05 acres

Goals

- Install adult fitness units
- Install safety surface





Manhattan

City

2 MI



Riverside Park South

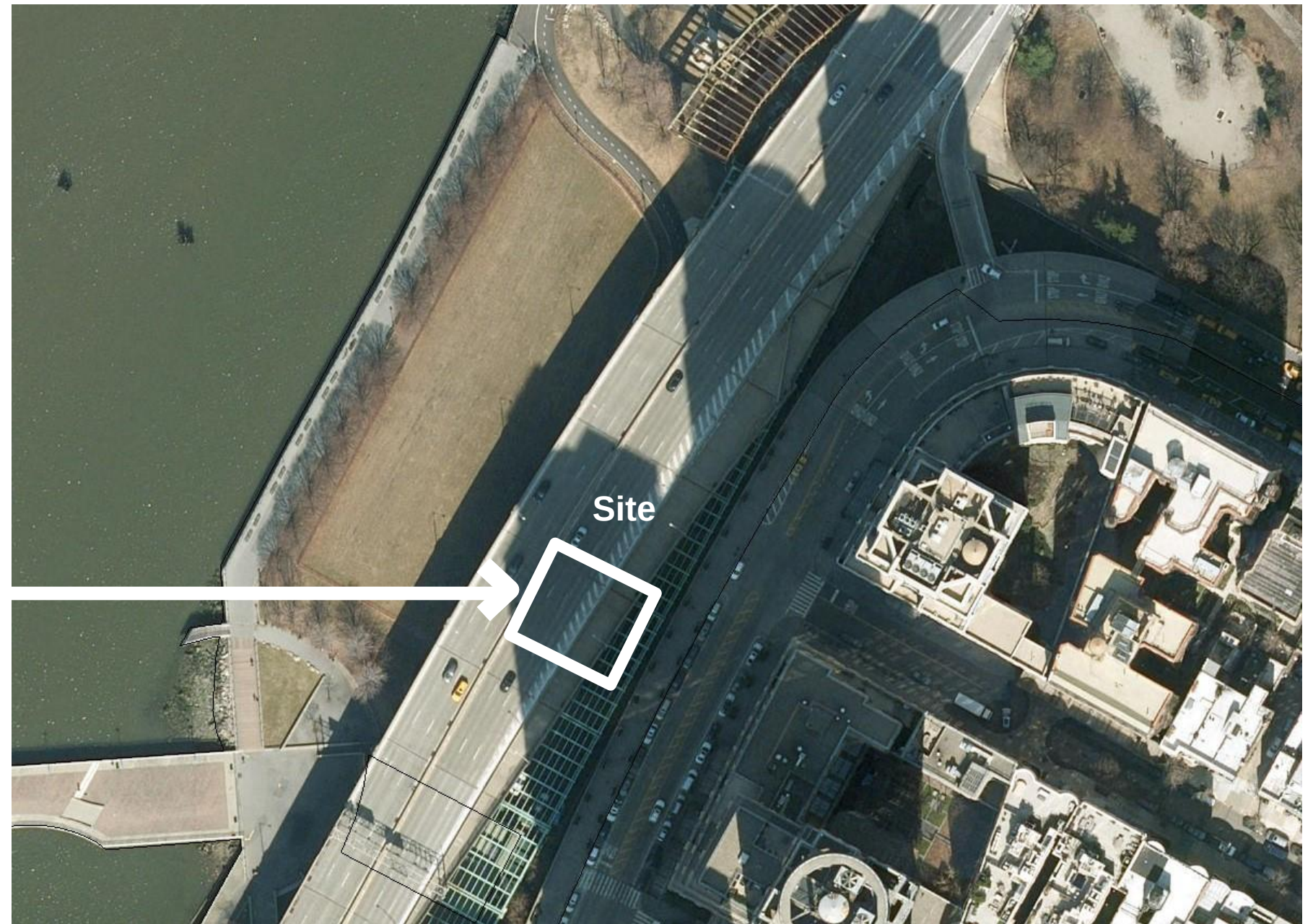
Neighborhood

1000 FT



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Riverside Park South
Adult Fitness | Project Location



Site

Site

100 FT





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.

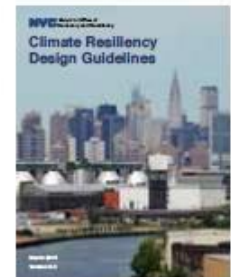
Future Floodplain 2050s

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

Further Information:



NYC Parks: Design and Planning for Flood Resiliency

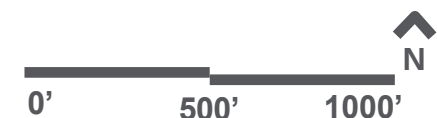


NYC MOR: Climate Resiliency Design Guidelines (v3.0)



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Riverside Park South Adult Fitness | Flood Risk

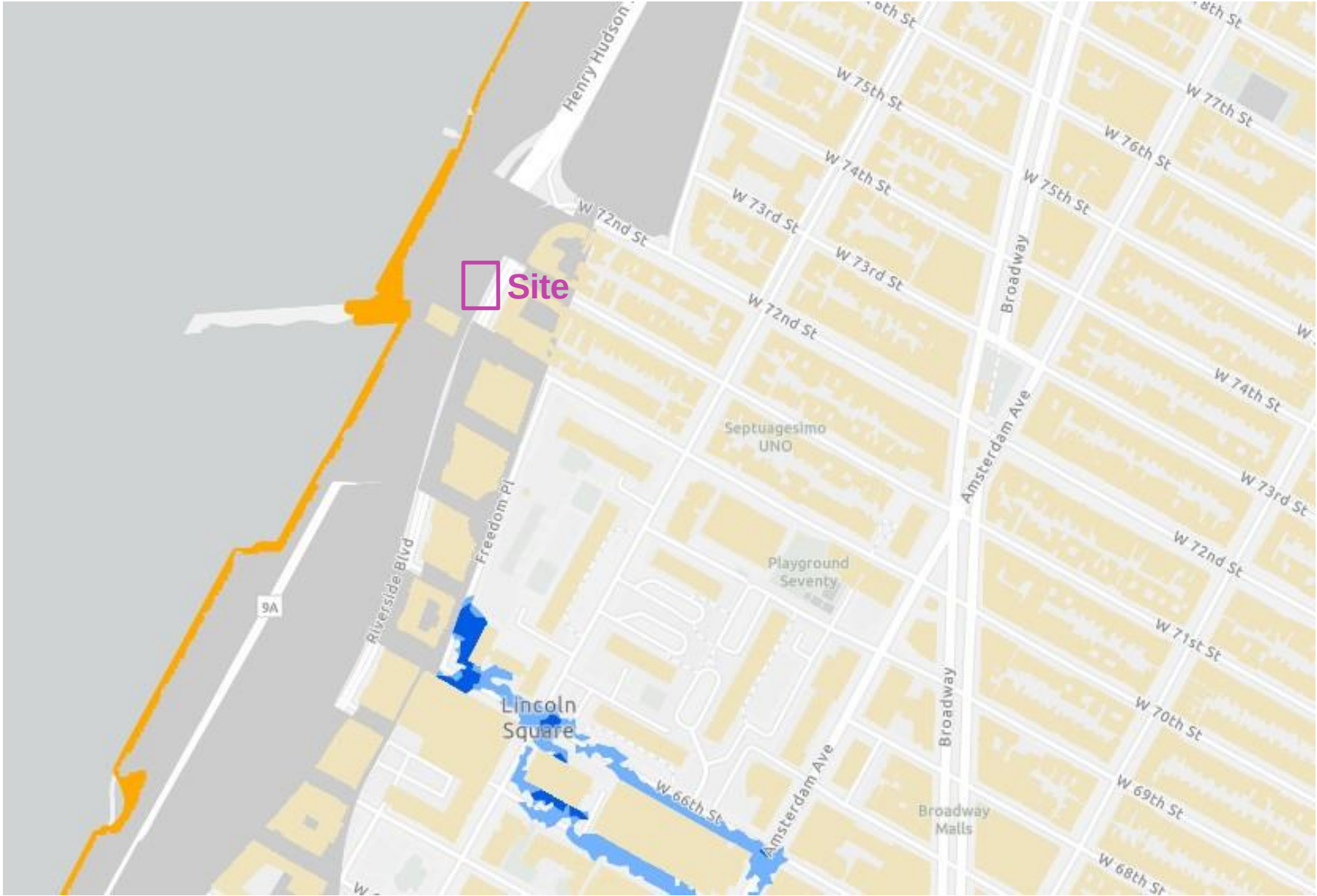


NYC Stormwater Flood Maps (Moderate Flooding)

- Area not included in analysis
- Future High Tides 2050
- National Wetlands Inventory
- Deep and Contiguous Flooding (1ft and greater)
- Nuisance Flooding (greater or equal to 4 in and less than 1 ft)

- This map:
- Reflects roughly two inches of rain falling in one hour (also referred to as the 10-year storm, with approximately 10 percent chance of occurrence in any given year)
 - Shows a moderate rainstorm that City infrastructure was not designed to handle.
 - Reflects 2.5 feet of sea level rise, which is a high estimate for the 2050s.
 - Includes impacts of potential blocked storm drains and outfalls from sea level rise.

Flooding from a storm like this would temporarily disrupt transportation and enter buildings and basements, causing minor damages to contents and surfaces.



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Riverside Park South
Adult Fitness | Moderate Flood Risk (Storm Water)



NYC Stormwater Flood Maps (Extreme Flooding)

- Area not included in analysis
- Future High Tides 2080
- National Wetlands Inventory
- Deep and Contiguous Flooding (1ft and greater)
- Nuisance Flooding (greater or equal to 4 in and less than 1 ft)

This map:

- Reflects roughly 3.5 inches of rain falling in one hour (also referred to as the 100 year storm, with approximately 1 percent chance of occurrence in any given year).
- Shows an extreme rainstorm that City infrastructure was not designed to handle.
- Reflects 4.8 feet of sea level rise, which is a high estimate for the 2080s.
- Includes impacts of potential blocked storm drains and outfalls from sea level rise.

Flooding from a storm like this would:

- Cause widespread damage and disruption to both private and public property.
- Disrupt roads, subways, regional rail, and potentially power/communication networks.
- Cause flooding across coastal neighborhoods due to sea level rise impacts.



Land Use Categories

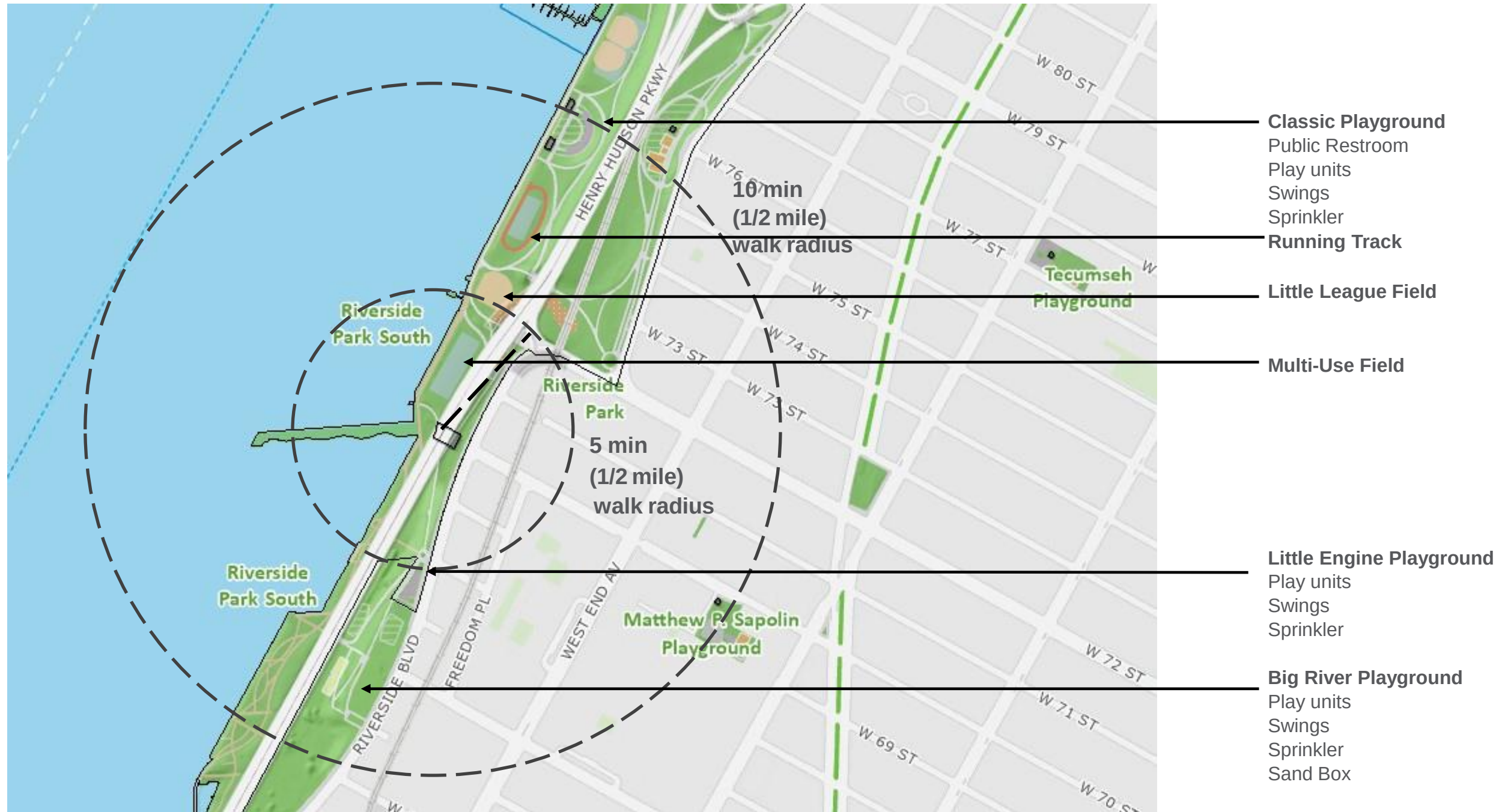
- 1 And 2 Family Residential
- Multi-Family Residential
- Mixed Use
- Open Space And Outdoor Recreation
- Commercial
- Institutional
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots



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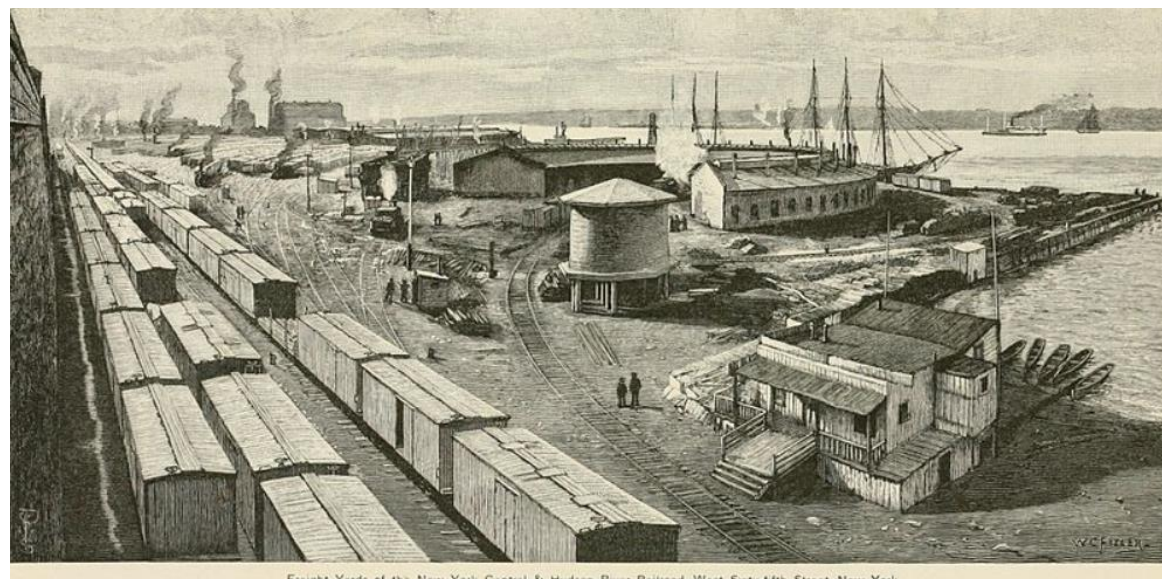
Riverside Park South
Adult Fitness | Surrounding Land Use





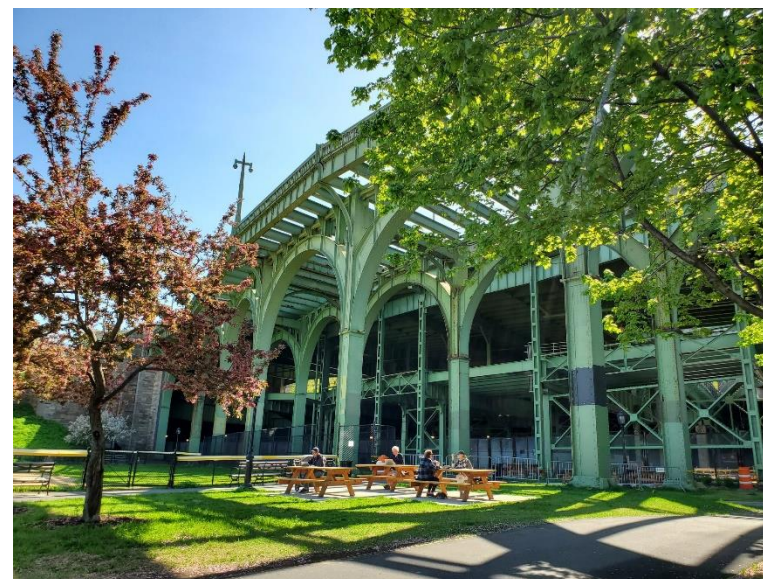
Riverside Park South

Adult Fitness | Neighborhood Context



Freight Yards of the New York Central & Hudson River Railroad, West Sixty-fifth Street, New York.

New York Central freight yards



Overview of Riverside Park South, former railyard



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Riverside Park South

Adult Fitness | Site History



Riverside Park South

Adult Fitness | Additional Context

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Proposed Fitness Equipment



Phase 6 Fitness Equipment Installation



A Chest / Back Press



Hand Cyler



B Squat Press



Tai Chi Wheels



C Pull-up / Dip



Cardio Stepper



D Assisted Row / Push-up



E Stretch



1. Looking northeast



2. Looking east



3. Looking north



4. Looking northeast



5. Looking northwest

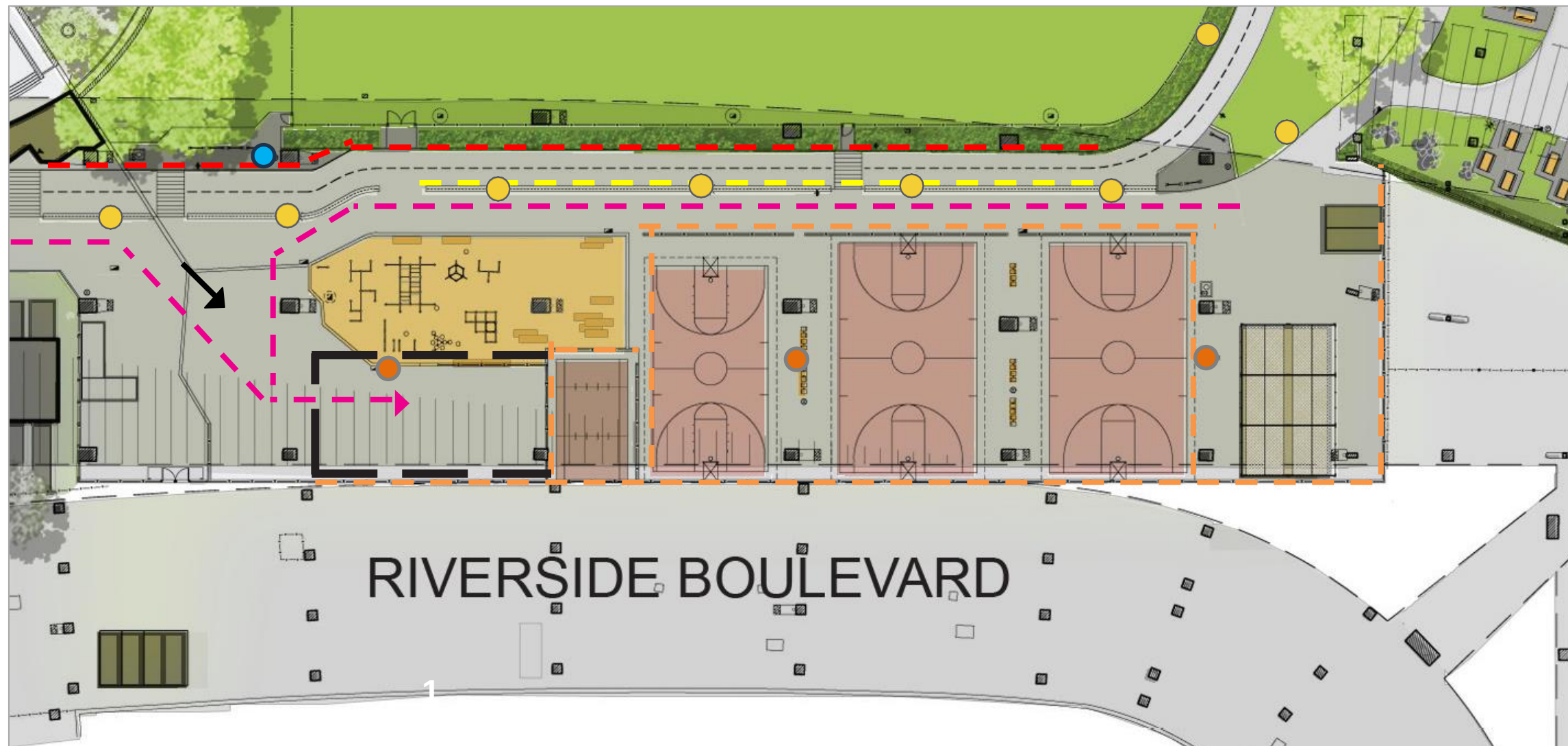


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Riverside Park South

Adult Fitness | Existing Conditions





Legend

- Contract Limit Line
- Asphalt Pavement under highway
- Asphalt Pavement
- Safety Surface
- 4' Chain Link Fence
- 16' Chain Link Fence
- 4' Pipe Rail Fence
- B "12" Light Pole
- Flatbush Pole
- Basketball
- Handball
- Pedestrian Access
- Vehicular Access
- Drinking Fountain

No existing tree canopy
 Site is not in an HVI area
 Site is not in a rat mitigation zone



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Riverside Park South Adult Fitness | Existing Conditions Diagram





Riverside Park South
NYC Department of Parks and Recreation
Abel Bainnson Butz, LLP

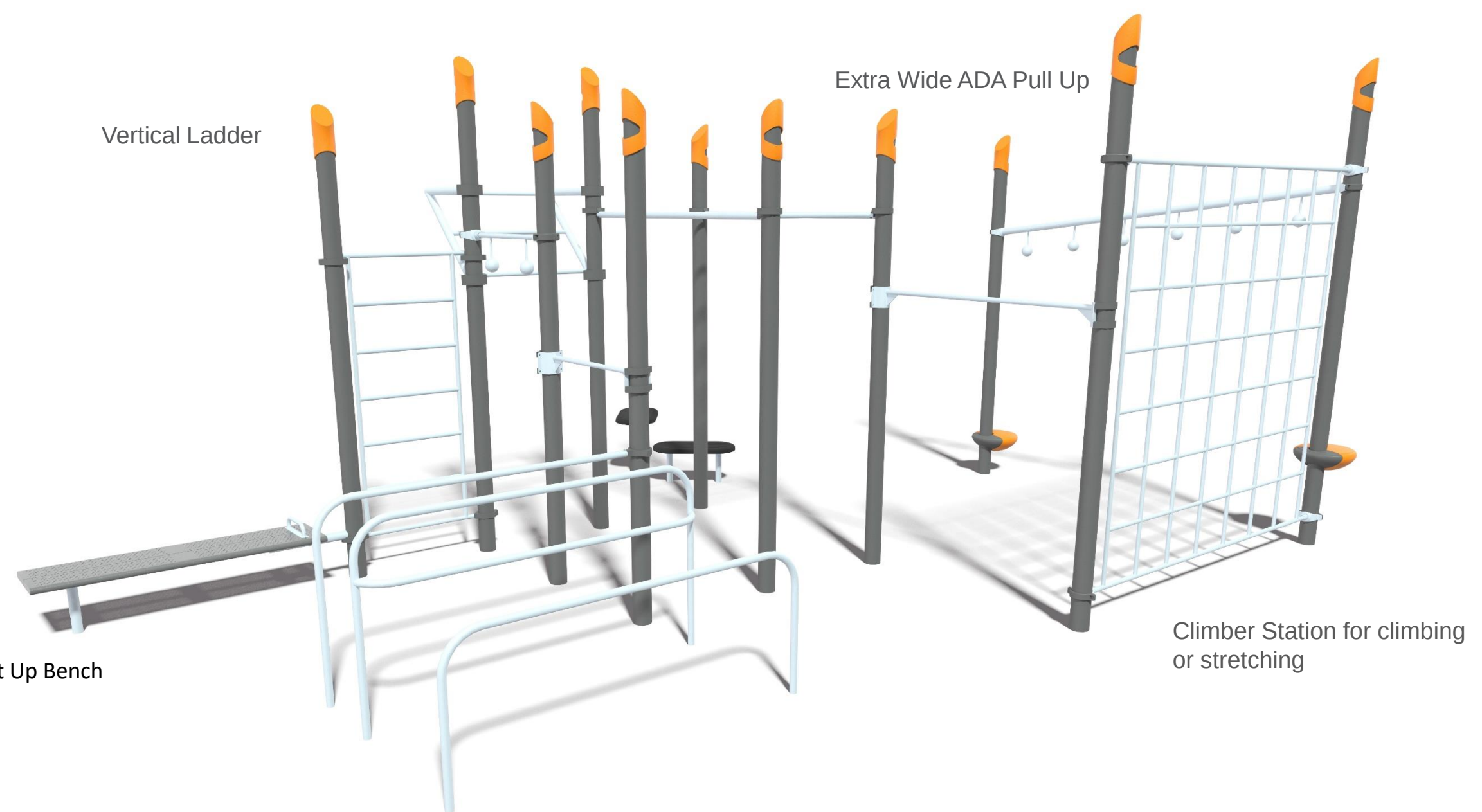
Safety Surface Color/Equipment Layout Exercise Equipment

Existing safety surface layout and color at Parkour



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Adult Fitness | Material Precedents



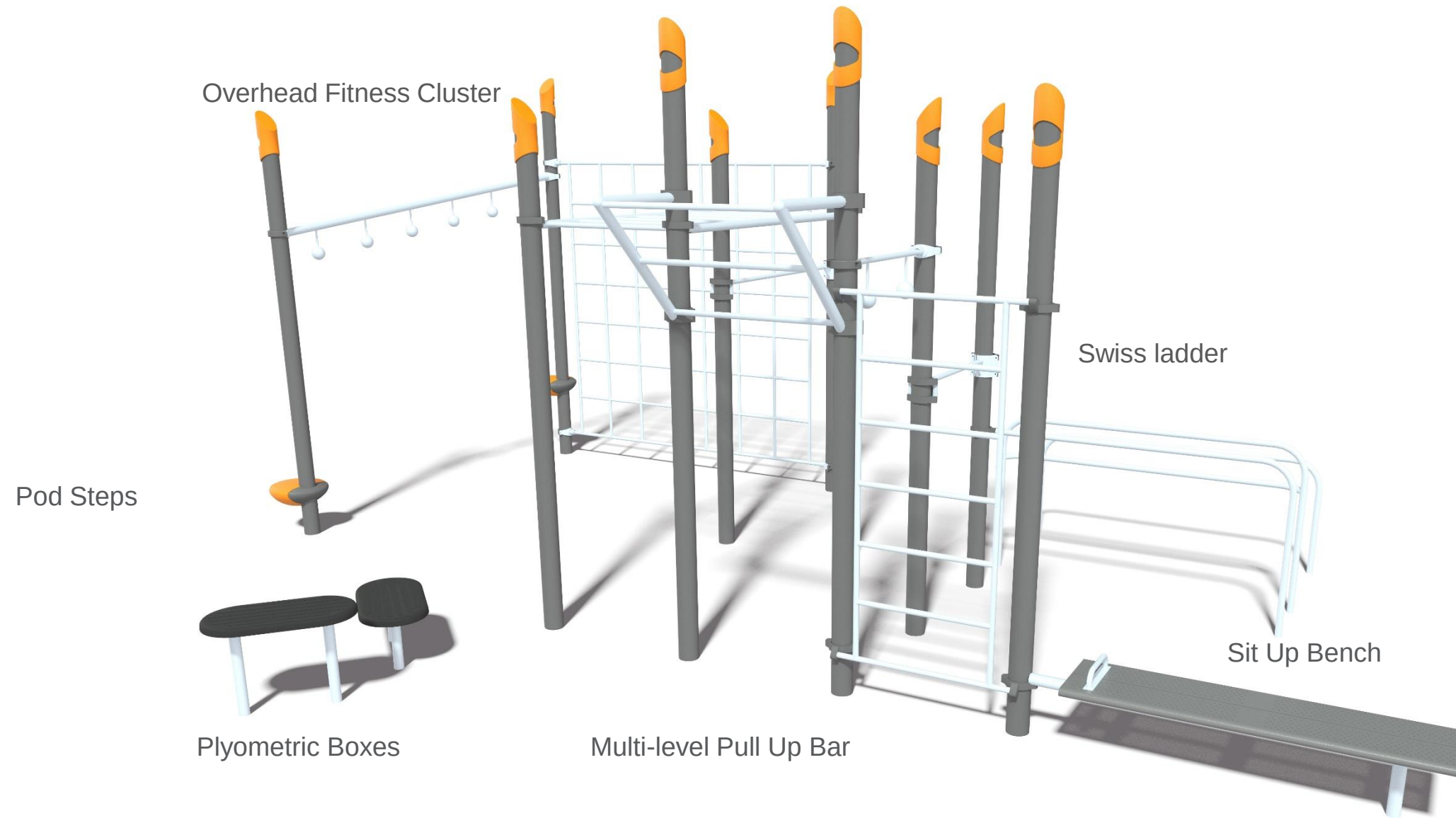
Vertical Ladder

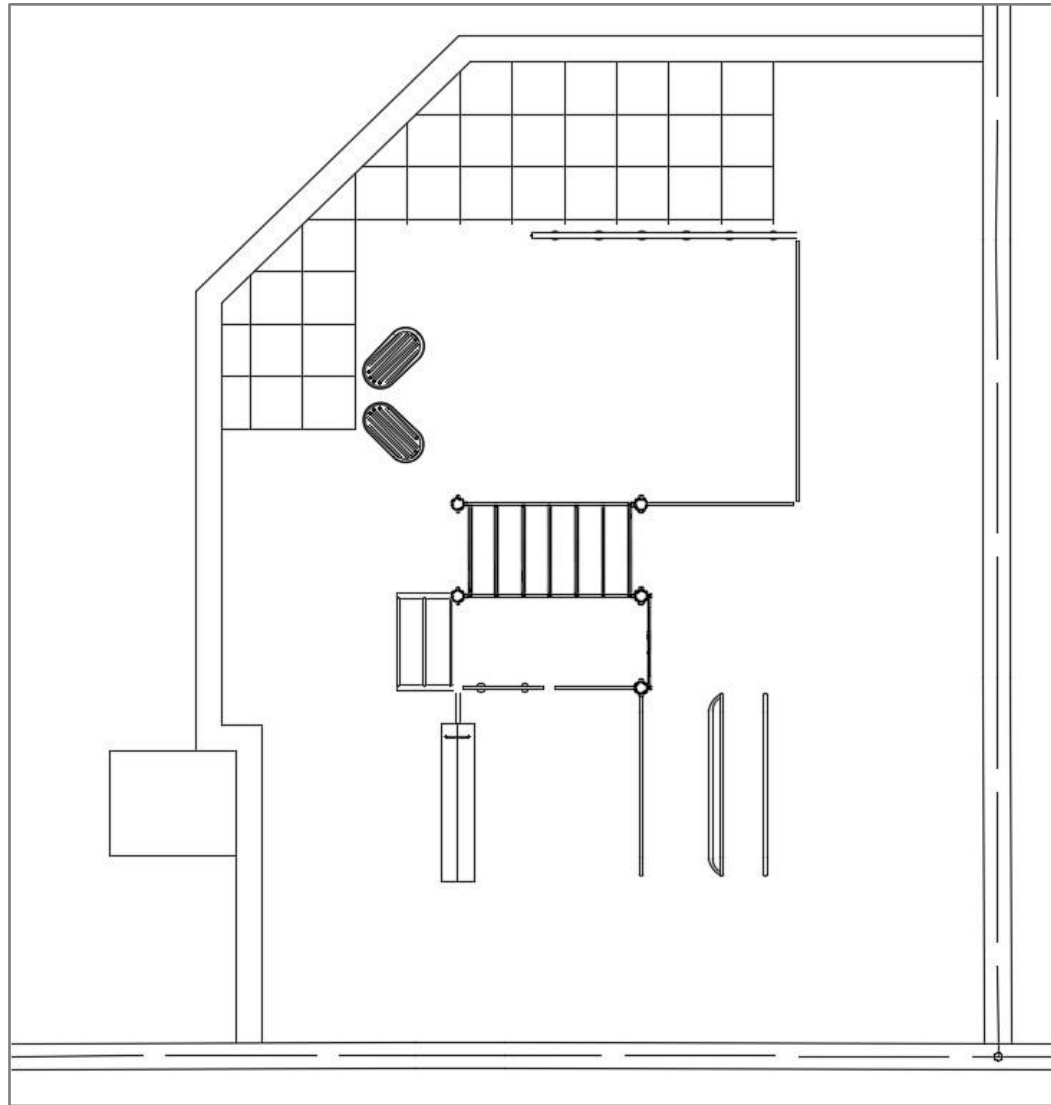
Extra Wide ADA Pull Up

Sit Up Bench

Climber Station for climbing or stretching

ADA Tripple Parallel Bars –
for chest, back and shoulders





Typical tile layout



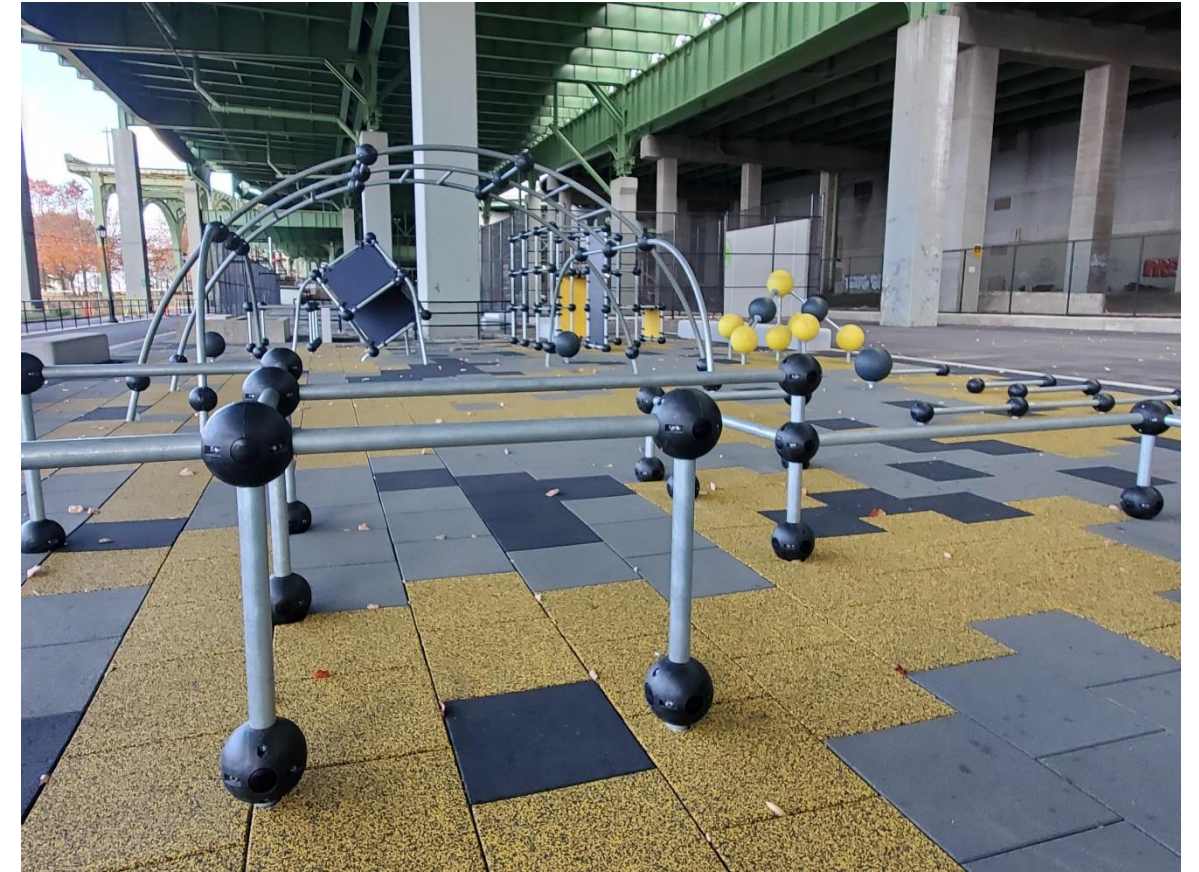
Dark Grey



Light Grey



Yellow



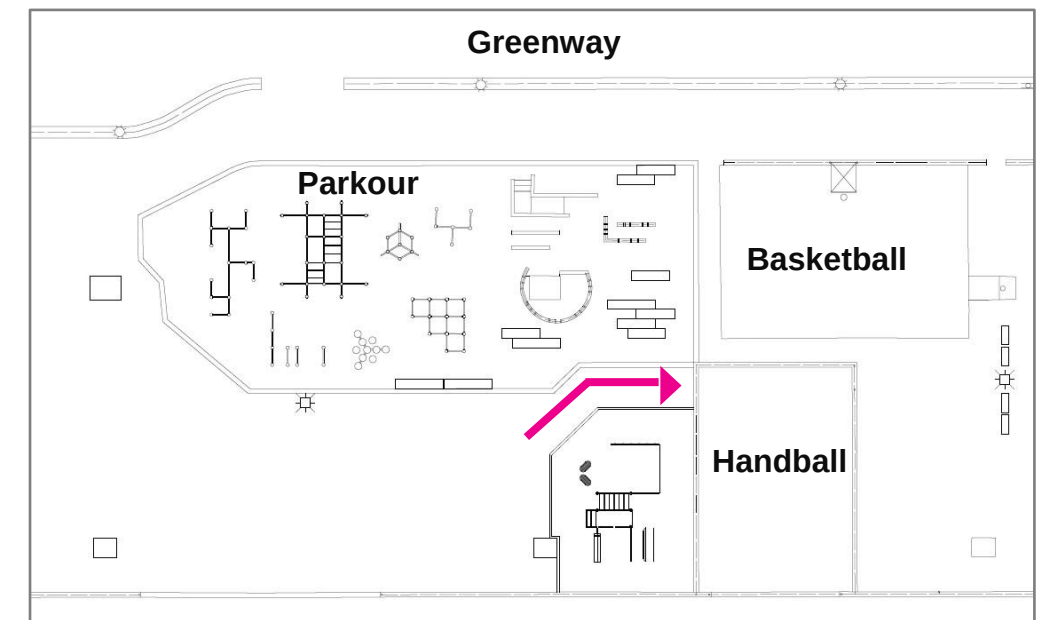
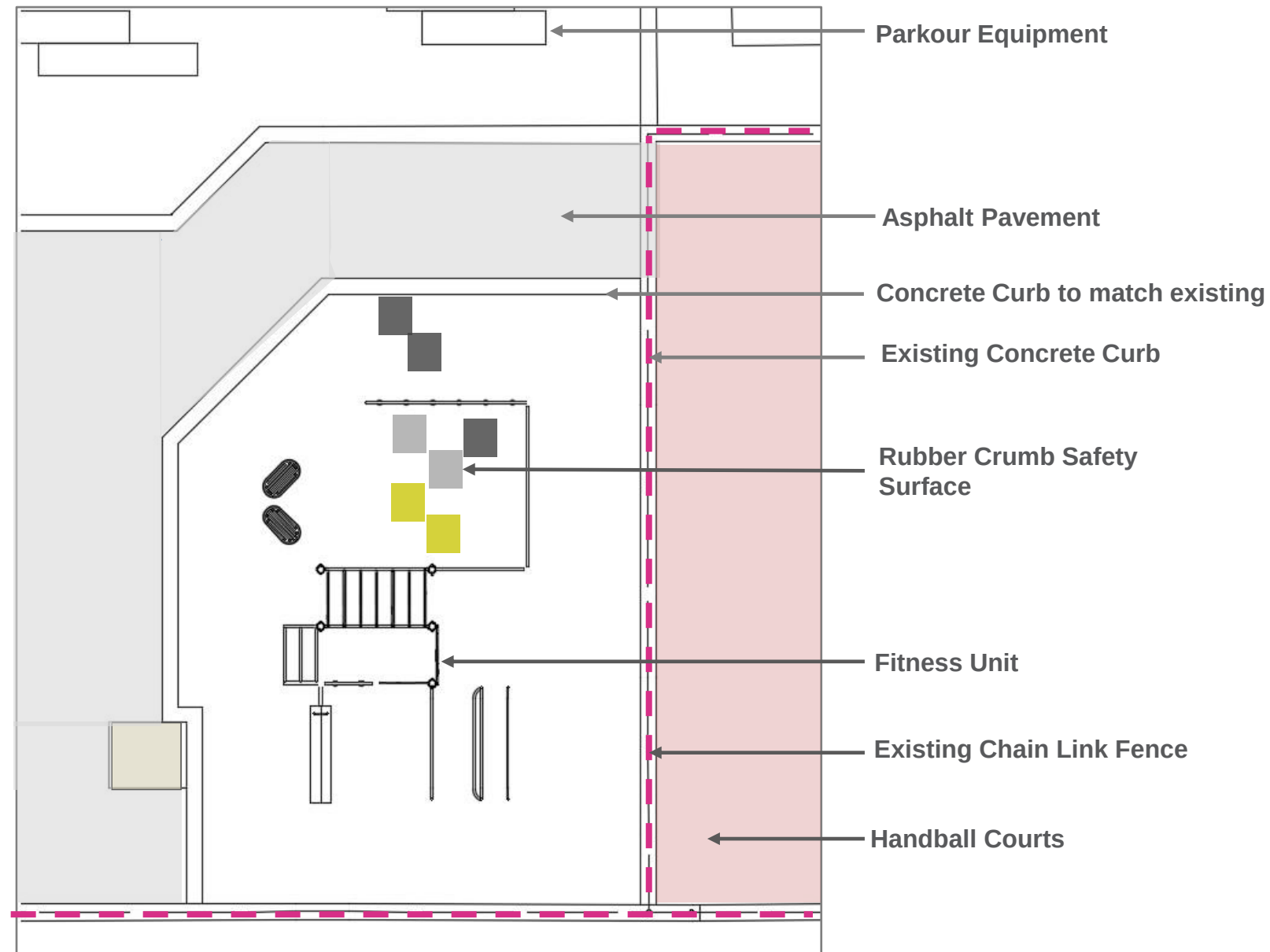
New installation will match the existing recreation area



Legend

- Handball Courts
- Highway Column
- Asphalt Pavement

- Safety Surface
- 16' Chain Link Fence
- Access to Handball



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Riverside Park South Adult Fitness | Schematic Design

