



Parks

Riverside Park 105th Street Staircase Reconstruction M071-222M

Located near West 105th Street and Riverside Drive,
Borough of Manhattan.

PDC Review
September 29, 2023
Eunju Beddoe, NYC Parks

Total Budget: \$2.7M
 Borough President - \$200K
 City Council - \$1.5M
 Mayoral - \$1.0M

Goals

- Reconstruct spalled and deteriorated staircases at West 105th Street
- Granite risers, ashlar masonry and other features will be replaced to match the original appearance.
- Install ADA compliant hand rails at the center of stairway and guardrails on the top of the cheek walls.



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Riverside Park 105th St. Staircase Reconstruction



Manhattan

City



Riverside Park

Neighborhood



Site

Site



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Riverside Park | Project Location



Flood Hazard Zones

2015 Preliminary 100-year Floodplain

■ 1% Annual Chance Floodplain (100 Year Floodplain) The area that has a 1% chance of flooding in any given year.

2050s Projected 100-year Floodplain

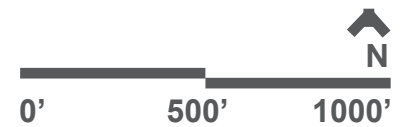
■ The potential areas that could be impacted by the 100-Year flood in the 2050s based on projections of the high-estimate 90th percentile sea level rise scenario (NYC Panel on Climate Change (NPCC) 2015 data).

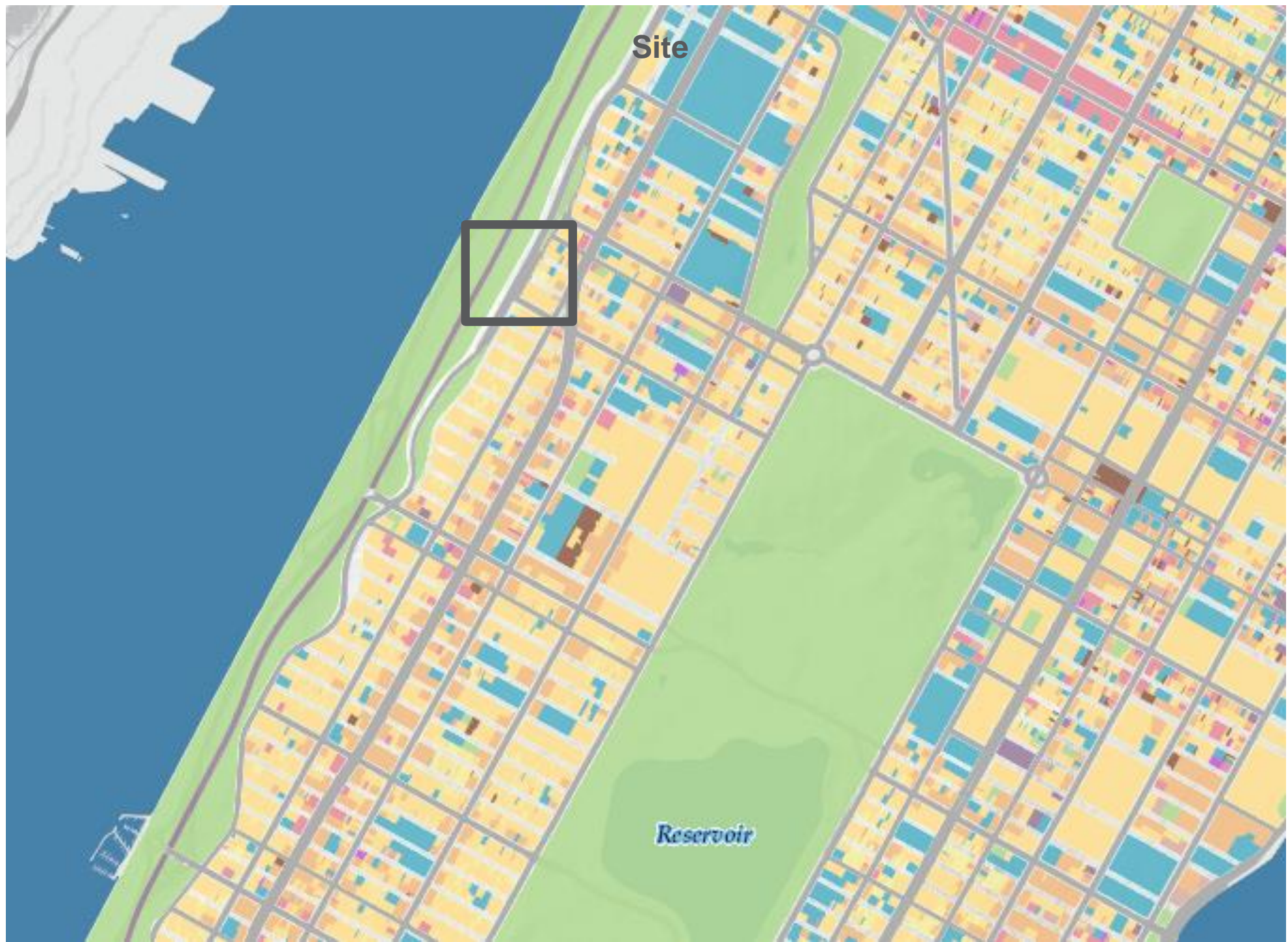


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Riverside Park | Flood Risk





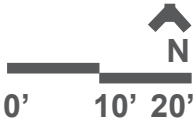
Land Use Categories

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



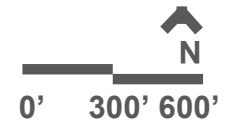
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Riverside Park | Surrounding Land Use

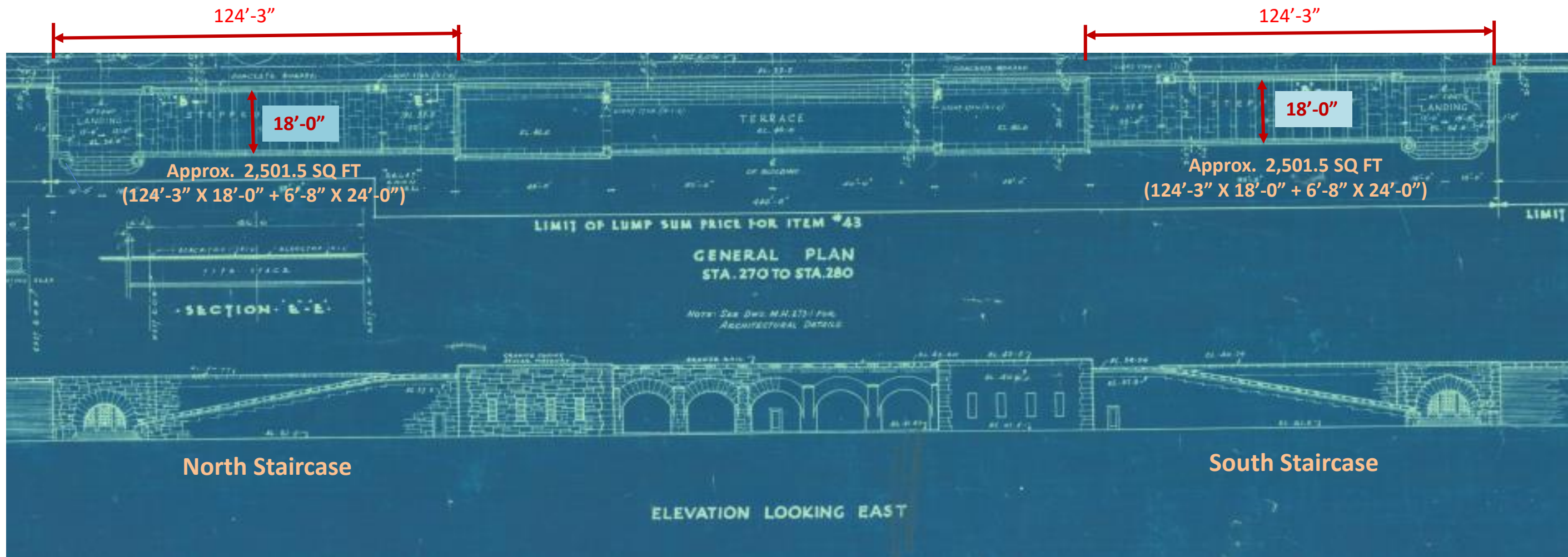
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Riverside Park | Neighborhood Context







North Staircase



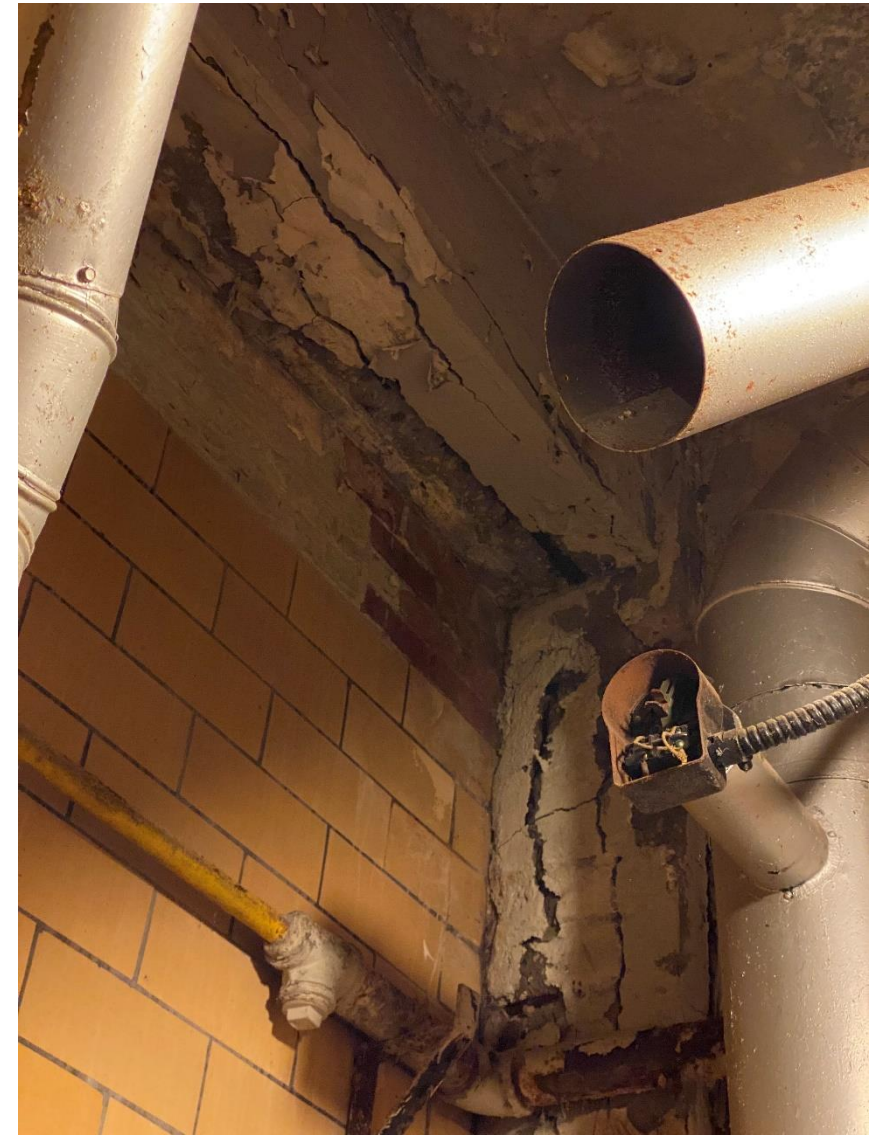
South Staircase





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Riverside Park | Existing Condition



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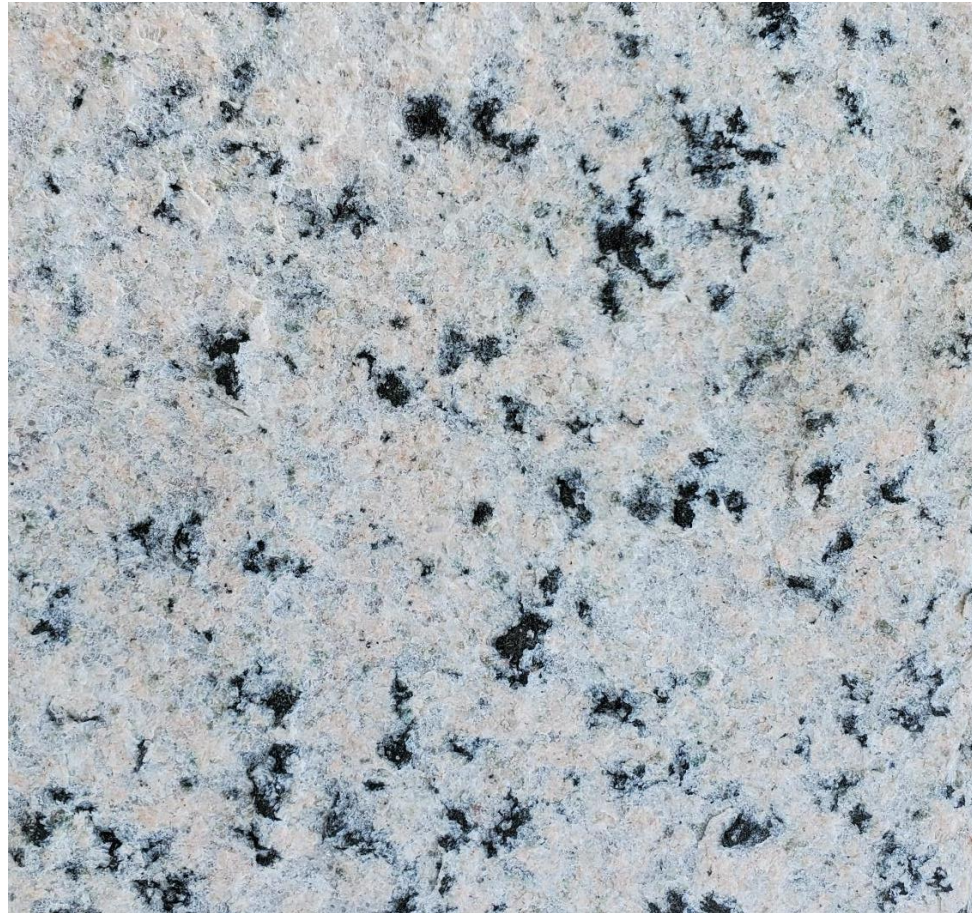
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Riverside Park | Existing Condition



Note:

1. Construction and staging will be phased to allow the use of one stair at all times.
2. The concession/restrooms will continue to operate throughout, seasonally.





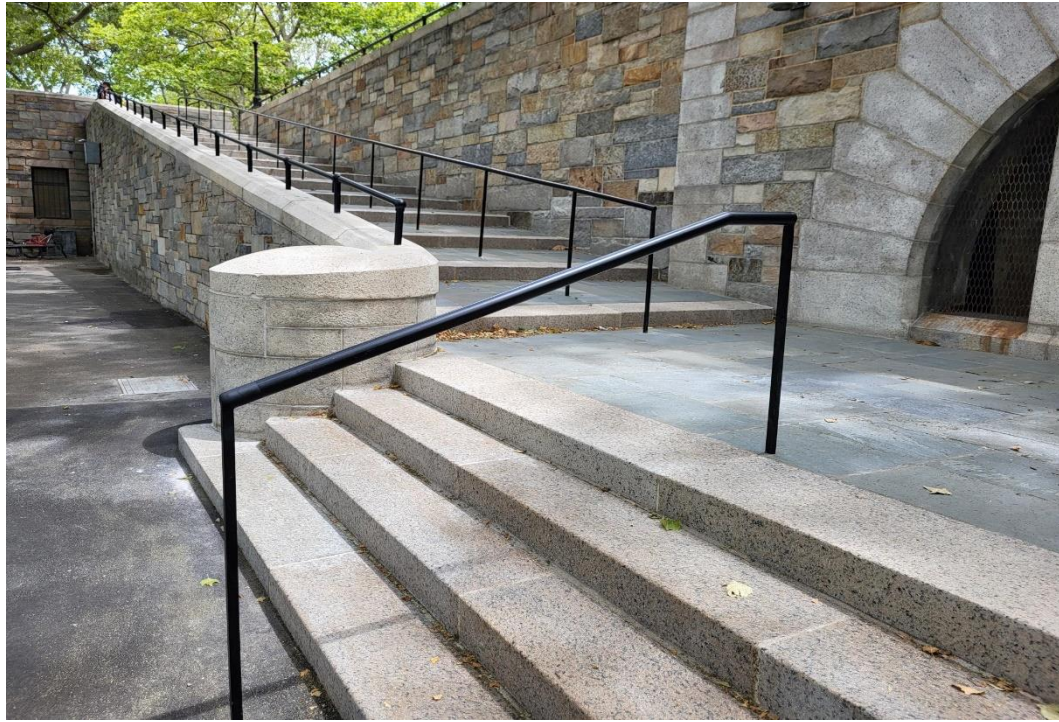
Milford Pink Granite



Natural Cleft NY State
Bluestone – Blue Gray



Natural Cleft NY
State Bluestone #2



Handrail and guardrail – 102nd Street Staircase

Note: Proposed handrail and guardrail are as per the recent installation at 102nd Street, Riverside Park



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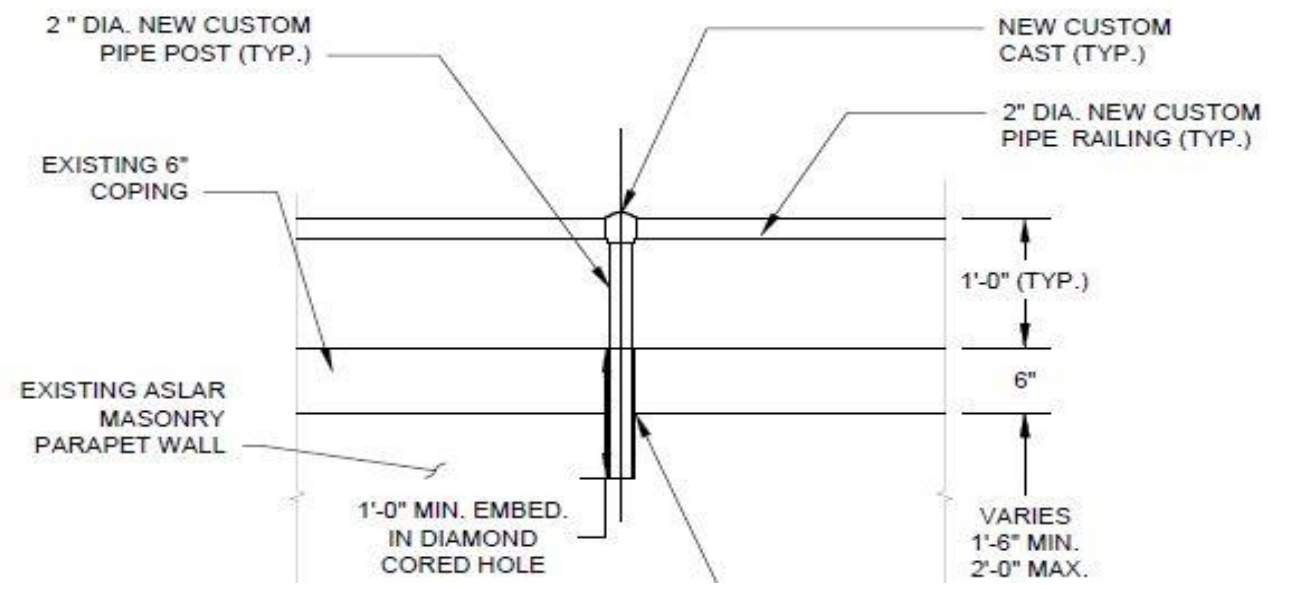
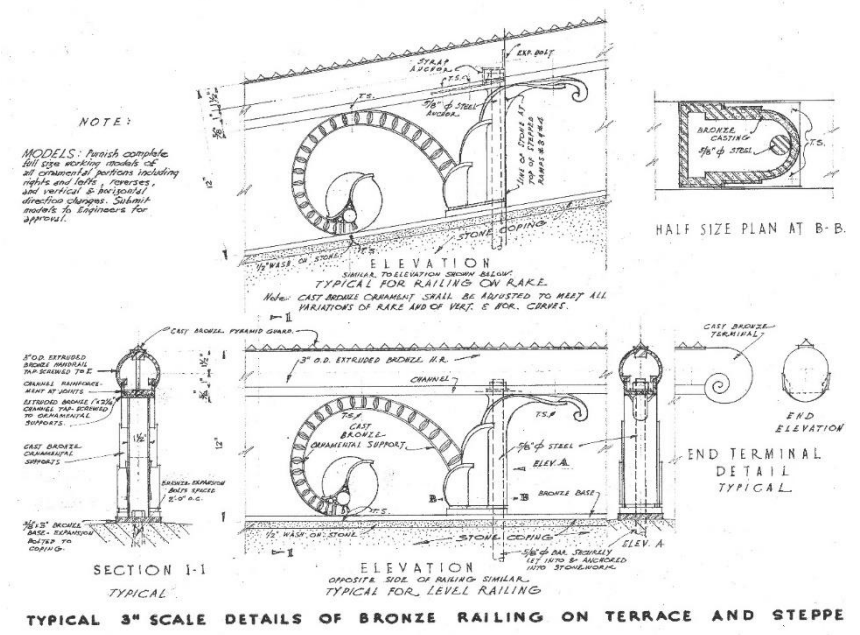
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Riverside Park | Proposed Materials



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Riverside Park | Decorative Bronze Guardrail ca. 1943 and current condition



Decorative Bronze Guardrail ca. 1943



Guardrail recently installed at identical stair at 102nd Street



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 Riverside Park | Original and proposed materials



Existing Historic Guardrail on the retaining wall at 102nd Street



New Custom Guardrail replicates the guardrail at the adjacent retaining wall

Note: Proposed Guardrail as installed at 102nd Street Staircase, completed, June 21, 2023.



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Riverside Park | Guard rail, existing and proposed