

March 19, 2024
Public Hearing

The current proposal is:

Preservation Department – Item 1, LPC-24-07178

Prospect Park – Scenic Landmark Borough of Brooklyn

To testify virtually, please join Zoom

Webinar ID: 863 9606 8609

Passcode: 648010

By Phone: 1 646-558-8656 US (New
York) 877-853-5257 (Toll free) US
888 475 4499 (Toll free)

Note: If you want to testify virtually on an item, join the Zoom webinar at the agenda's "Be Here by" time (about an hour in advance). When the Chair indicates it's time to testify, "raise your hand" via the Zoom app if you want to speak (*9 on the phone). Those who signed up in advance will be called first.



Parks

Prospect Park Lakeshore Restoration

Located on the southeast corner of Prospect Park, east of the Peristyle, west of the Ocean Avenue and Parkside Avenue entrance, in the Borough of Brooklyn, B073-423M.

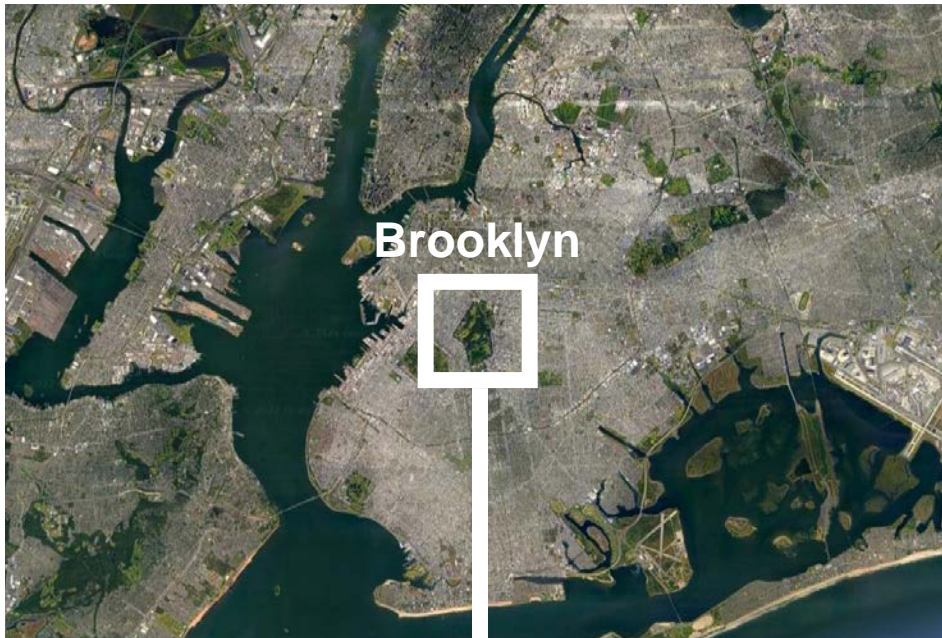
LPC Review

March 19, 2024

Lillian Luu, Prospect Park Alliance

Total Budget: \$3m (Phase 1)
City Council District 39, Brooklyn Delegation - \$1.0M FY23
Mayor, Eric Adams - \$2.0M FY23

Project Size: <5 ac Phase 1 (approx. 25.9 acres for Masterplan)



Brooklyn

City



Prospect Park

Neighborhood



Site

Phase 1

Site



NYC Parks



Prospect Park

Lakeshore Restoration | Project Location

Community Priorities

Stormwater

manage and reduce flooding

Walkability

access to the water, ADA paths, access to other features, different walking experiences

Water

views of the water, access to the water

Wildlife

enhancing habitat, supporting more wildlife

Safety

open spaces, remove areas where people can hide



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Lakeshore Restoration | Community Pre-Scope Meeting

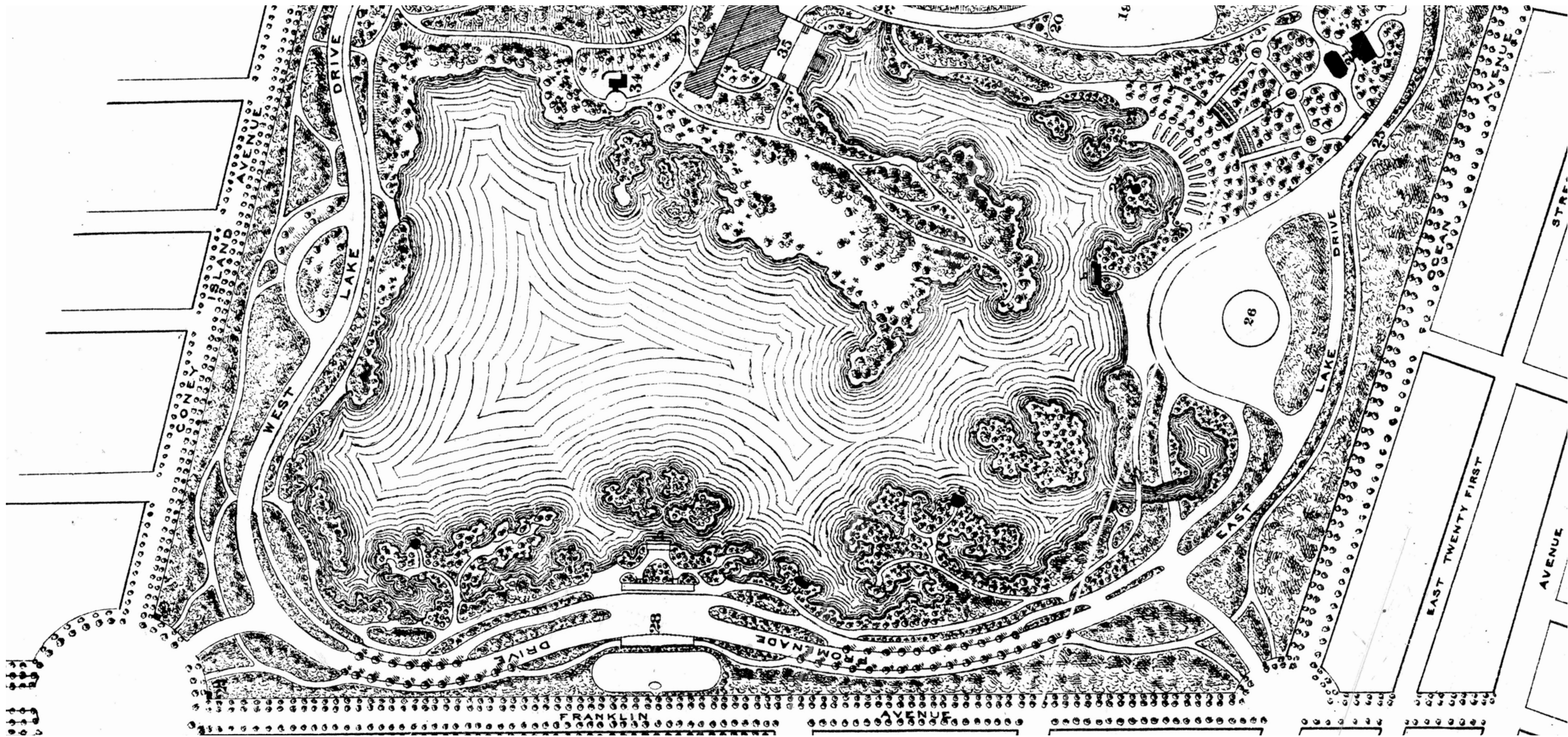
Goals

- Restore the shoreline to Olmsted and Vaux's original design intent
- Increase planting along the shoreline to support wildlife habitat
- Reduce flooding through regrading, phragmites removal, and stormwater management
- Improve ADA access to the waterfront



Prospect Park

Lakeshore Restoration | Project Goals

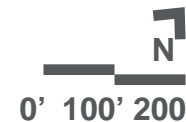


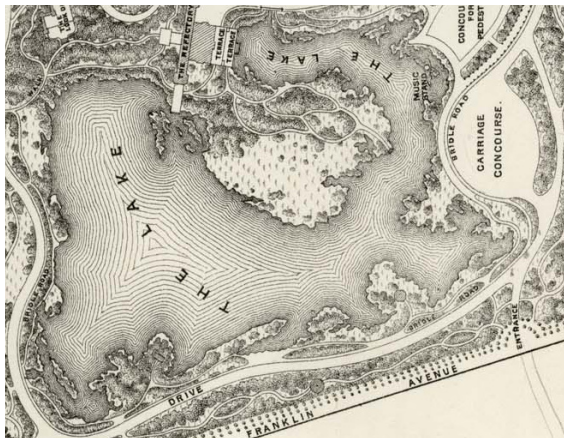
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Prospect Park

Lakeshore Restoration | 1874 Olmsted and Vaux Design Plan

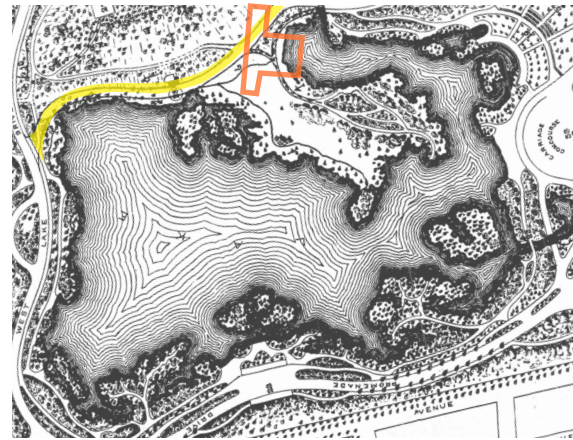




1866-1867 Plan
First Frederick Law Olmsted and Calvert Vaux plan with the Lake. Shoreline edges were soft.



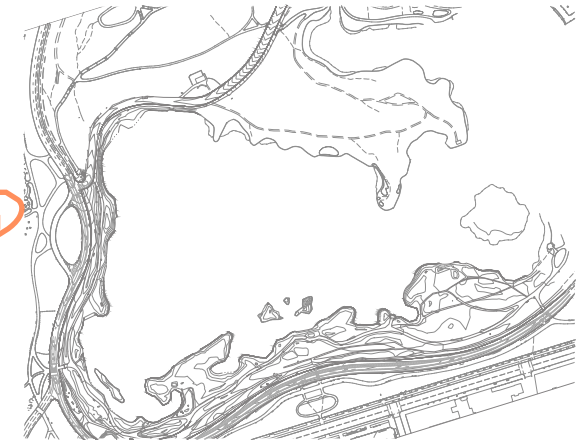
1874 Plan
Frederick Law Olmsted and Calvert Vaux final plan with soft shoreline edges and more defined islands and peninsulas.



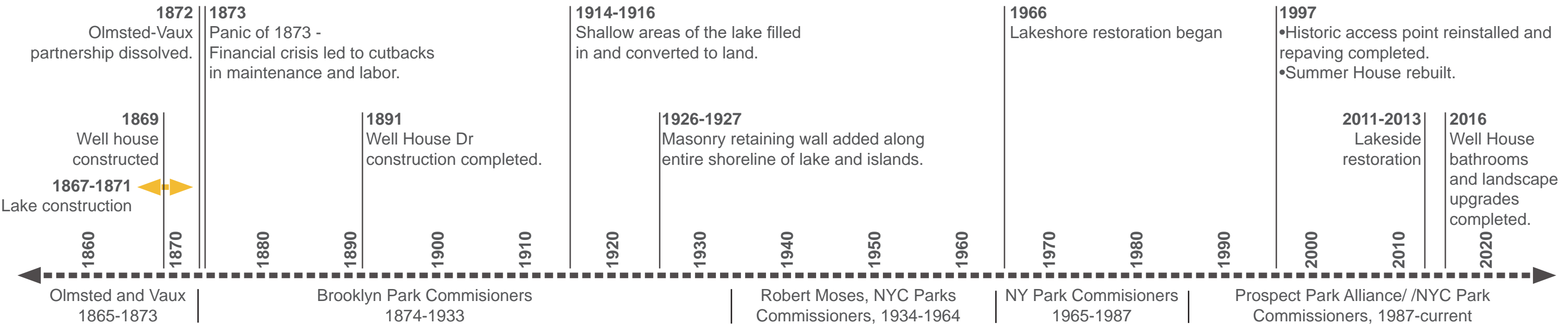
1888 Plan
Plan indicating proposed Well House Drive. Refectory was removed from the plan.



1937 Plan
Plan shows consolidation of islands, filling of shallow areas in the lake, and retaining walls along the shoreline.



2023 Survey
Surveying of existing conditions.



Prospect Park

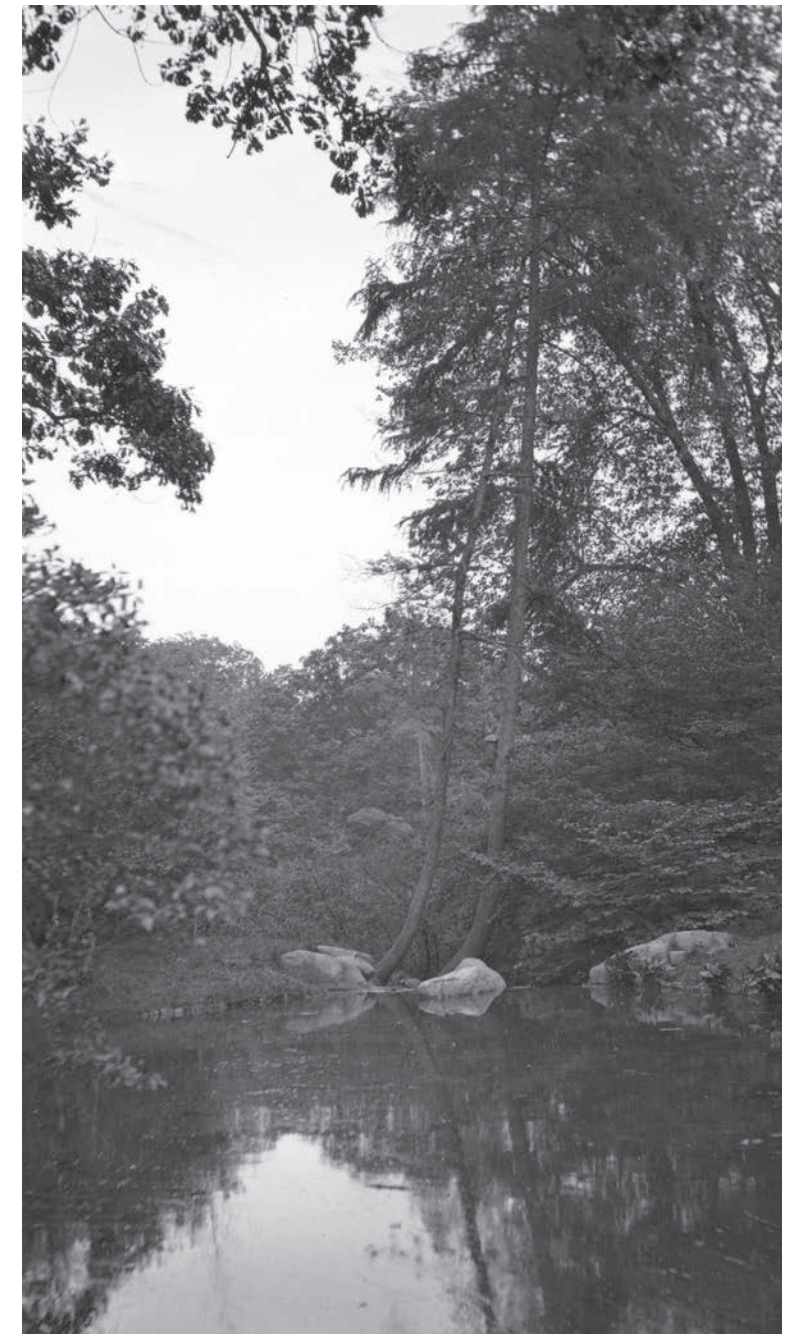
Lakeshore Restoration | Historic Timeline



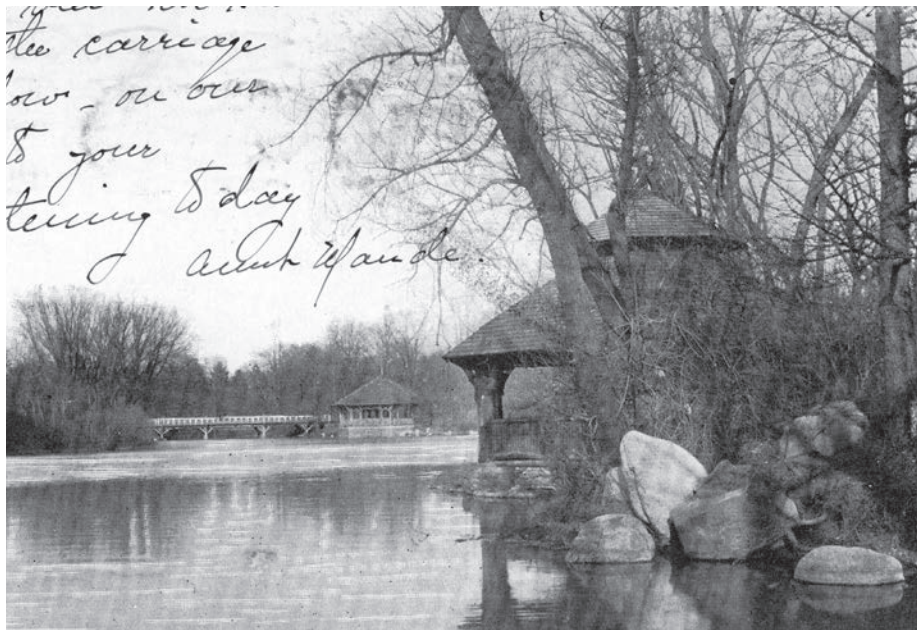
1889 Lake edge with trees



1898 Lake edge with trees



C. 1900 boulders around the lake



1909 boulders around the lake



C. 1900 boulders around the lake



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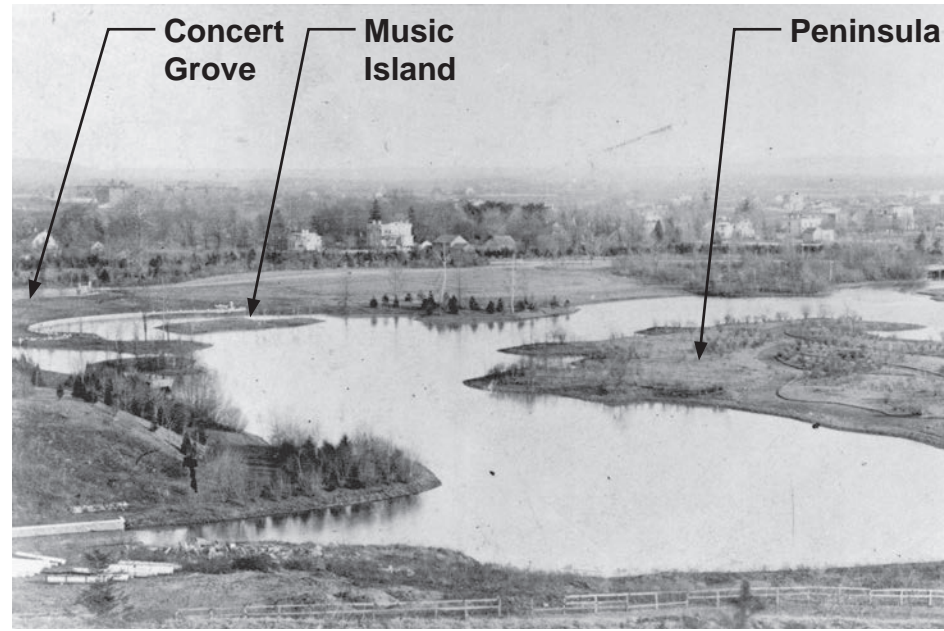


Prospect Park

Lakeshore Restoration | Historic Photos - Natural Edges around the Lake



1926 Shoreline without retaining wall



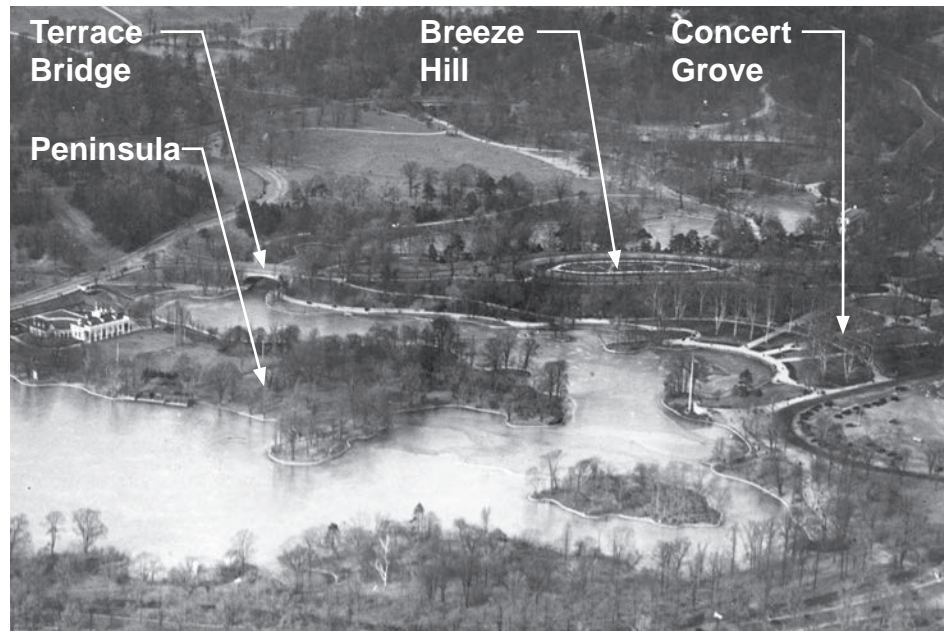
View from Refectory without retaining walls



1889 Boat scene without retaining walls



1926 Shoreline with retaining wall



1934 Aerial view with retaining walls



1926 Boat scene with retaining walls



Prospect Park

Lakeshore Restoration | Historic Photos - Walls added in 1926-1927



1. Esdale Bridge (c. 1873)
Historic bridge.



2. Ford Bridge (c. 1873 - no longer exists)
Historic bridge - removed when the inlet was filled in and no longer exists.



3. Music Grove Bridge (1887)
Not original to 1874 plan - added in 1887.



4. Fallkill Bridge (c. 1873)
Historic bridge.



1. Binnen Bridge (c. 1873)
Historic bridge.



2. Lilly Pond Viewing Platform (2004)
Not historic. Designed in the rustic style and approved by PDC and LPC.



3. Lullwater Cove Viewing Platform (2004)
Not historic. Designed in the rustic style and approved by PDC and LPC.



4. Boathouse Viewing Platform (2004)
Not historic. Designed in the rustic style and approved by PDC and LPC.



Prospect Park

Lakeshore Restoration | Historic Bridges and Approved Platforms in Prospect Park



Missing/inaccessible pavement



Desire lines



Erosion and compaction due to foot traffic



Eroded shoreline edge due to flooding



Phragmites



Broken retaining wall and eroded soil



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Prospect Park

Lakeshore Restoration | Site Photos of Typical Shoreline Conditions



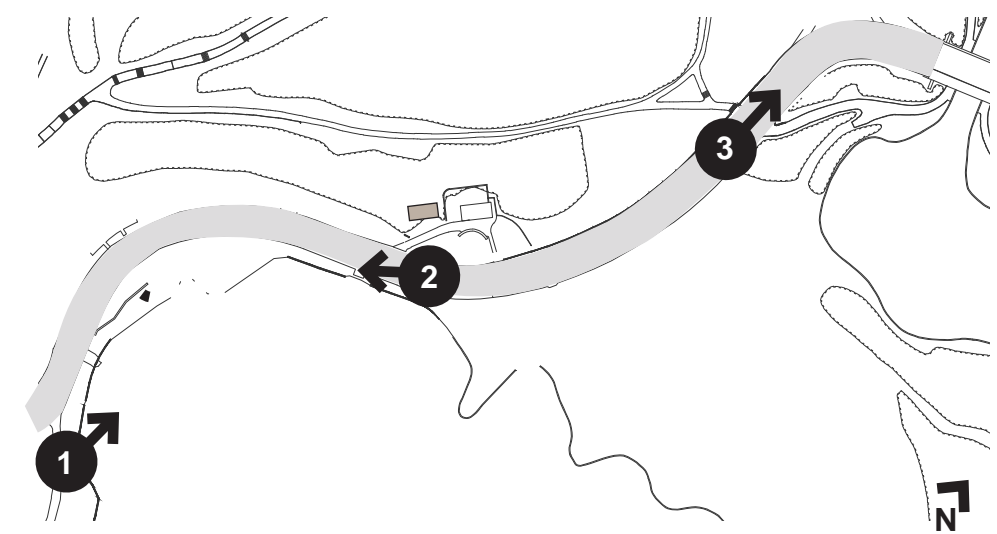
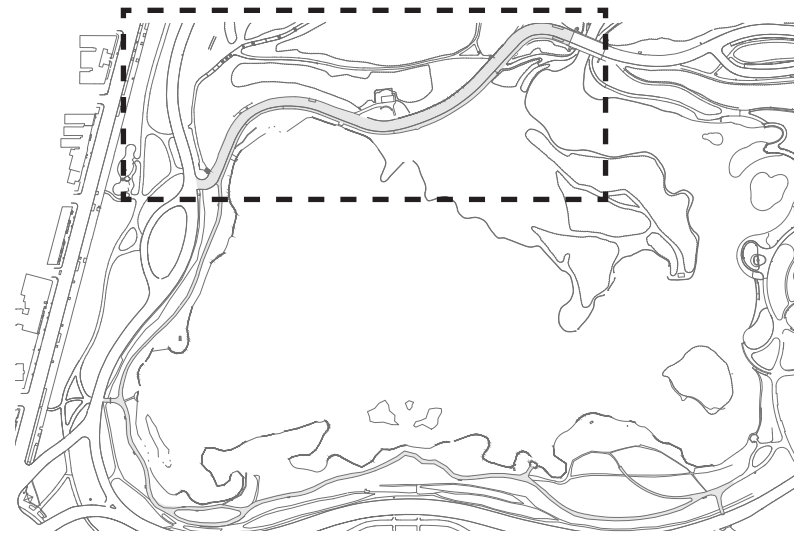
1. Wide paved road



2. Wide paved road



3. Wide paved road



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Prospect Park

Lakeshore Restoration | Site Photos at Wellhouse Dr

PROPOSED DESIGN STRATEGIES

- **Maintain** replacing existing features in kind
- **Shoreline** the edge of land that meets water
- **Restore** reconstruction of missing features from the restoration period
- **Reinterpret** reconstruction of missing features that were originally in Olmsted and Vaux's 1874 plan in modified location, size, or form due to existing tree roots and/or responding to current day climate change needs
- **New** construction of new features that represent Olmsted and Vaux's original design intent in response to existing tree roots, current day climate change needs, and increase park user needs

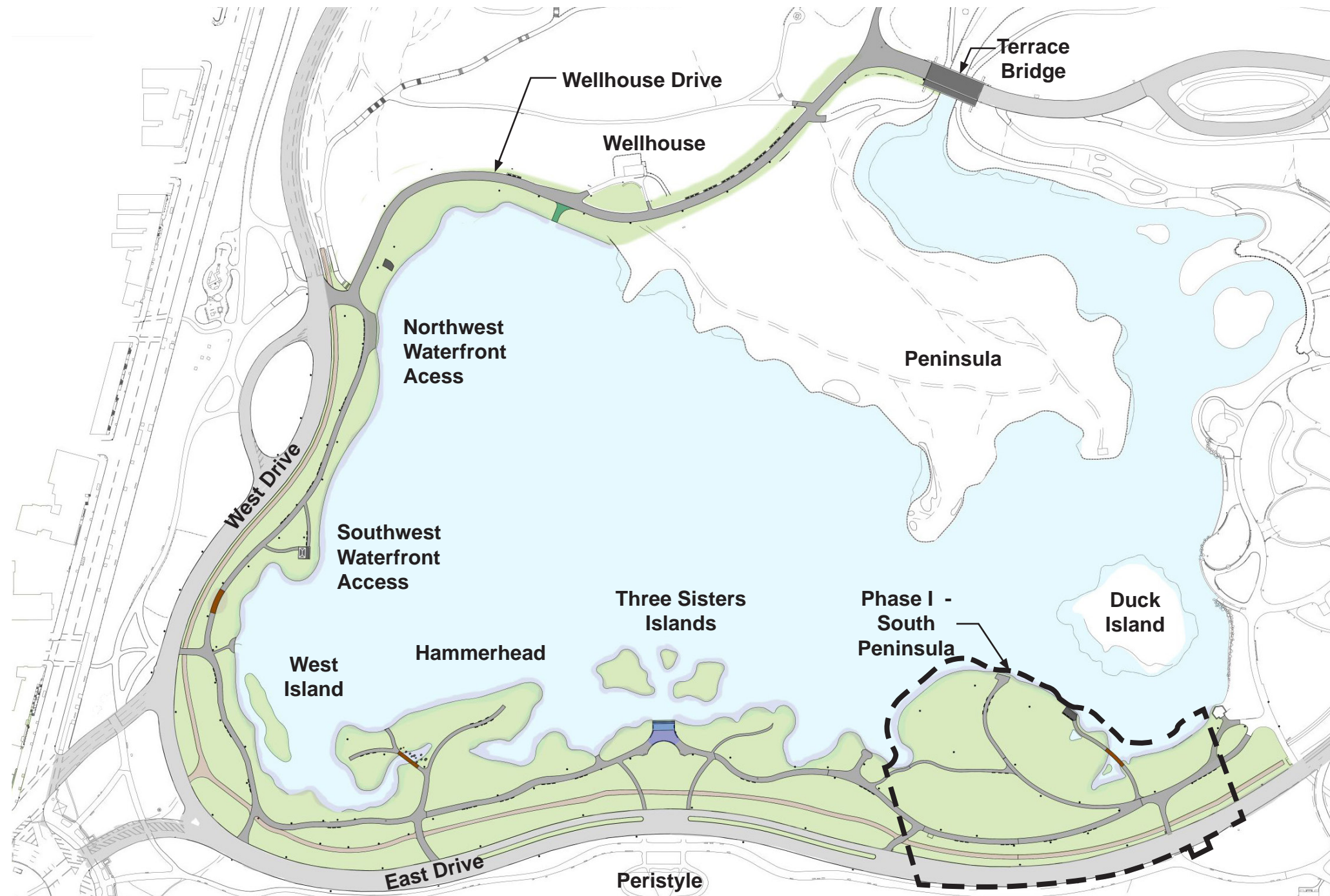


Prospect Park

Lakeshore Restoration | Design Strategies

Legend

-  Project Limit
-  Building or Structure
-  Asphalt Pavement
-  Timber path
-  Bridle trail material
-  Bluestone pavement
-  Granite slab
-  Hex block pavement
-  Tree

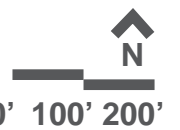


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Prospect Park

Lakeshore Restoration | Masterplan





1874 Plan There were four (4) original shelters and one (1) shelter and ticket book from the 1874 plan. Only one (1), the Summerhouse, remains.



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Prospect Park

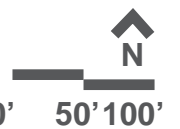
Lakeshore Restoration | Phase I Rustic Shelters



2. Rustic shelter at south peninsula (no longer exists)

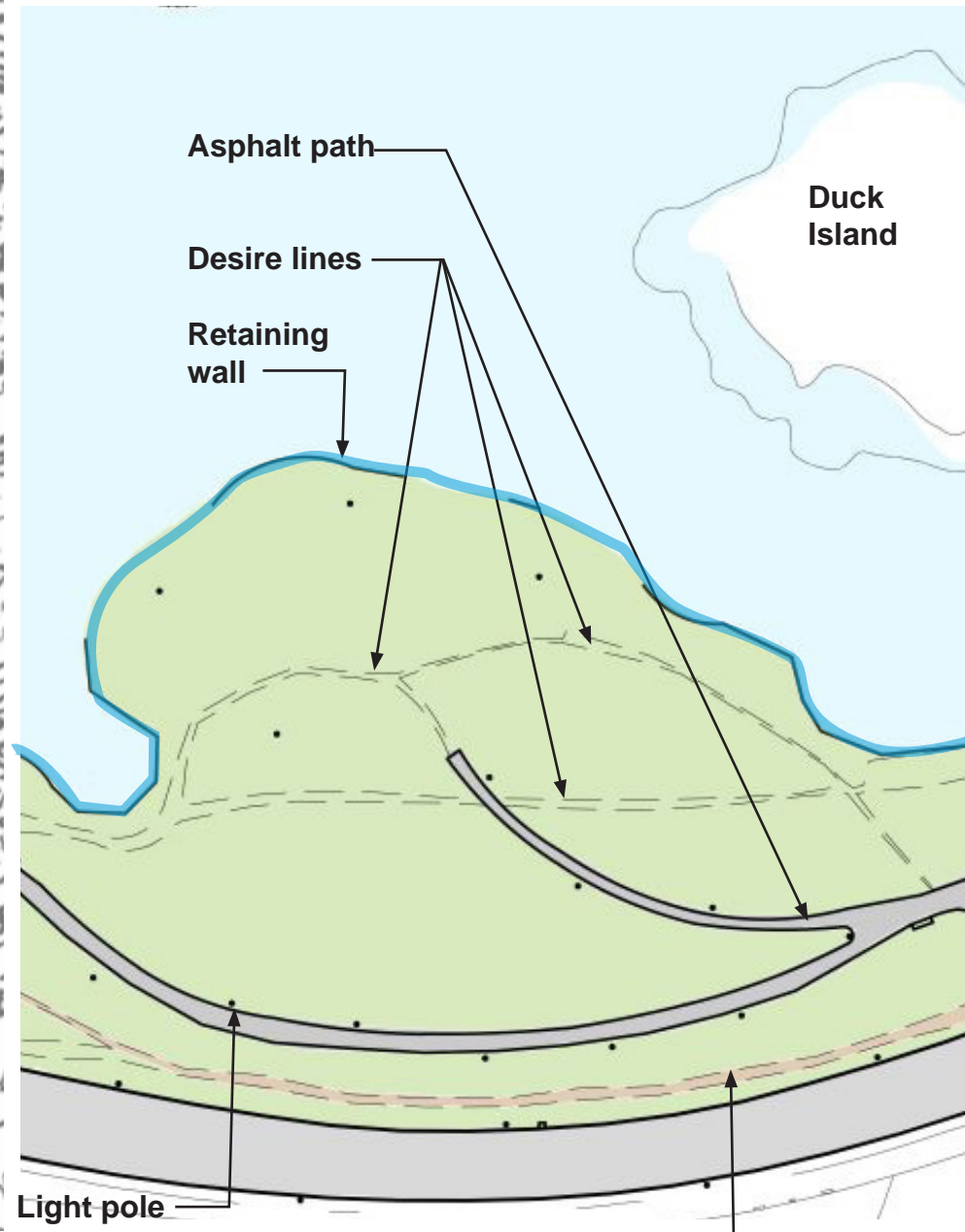


3. Summer House (still remains)

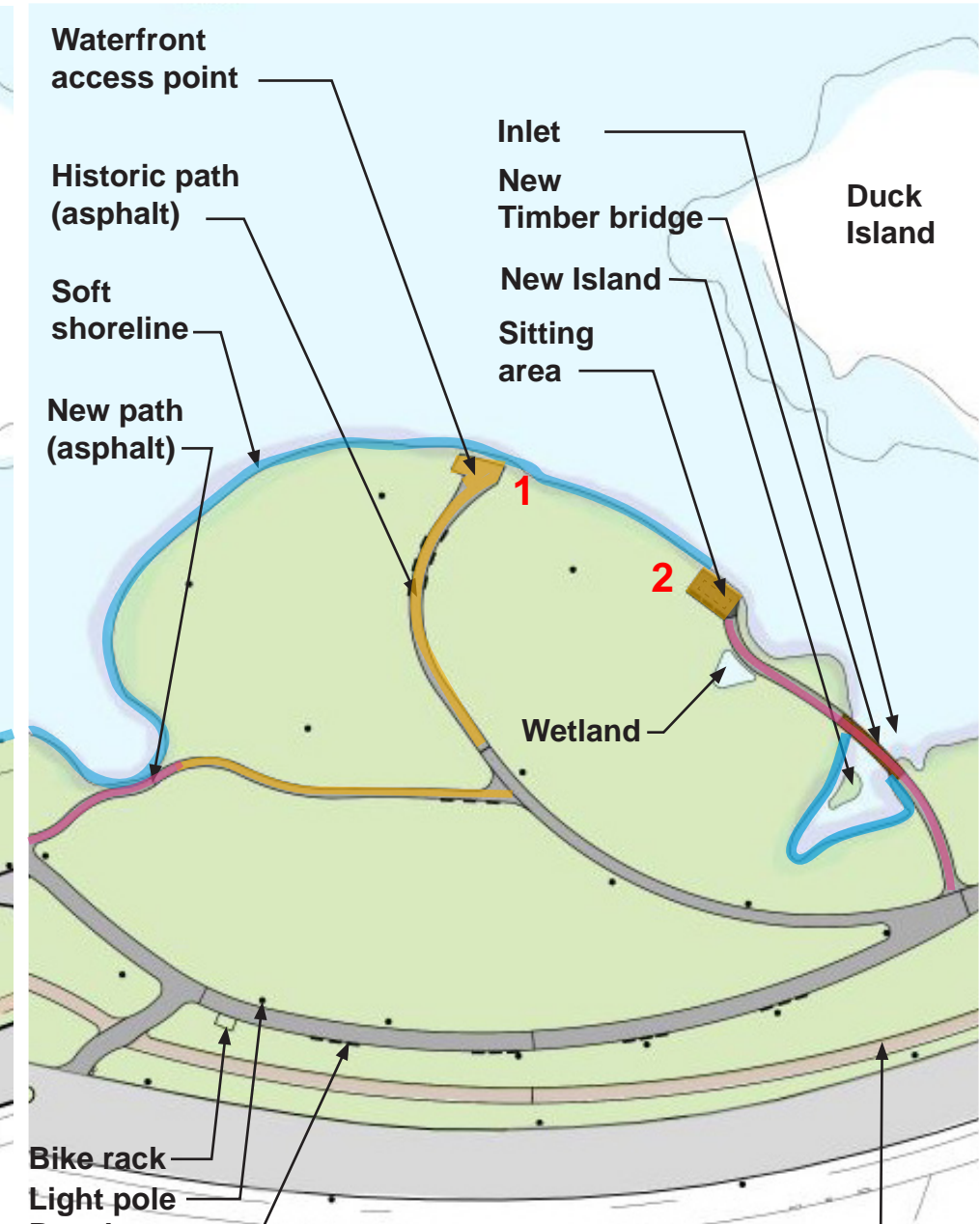




1. 1874 Plan



2. 2023 Survey

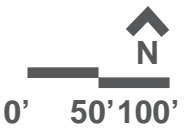


3. Proposed Plan

Areas being reinterpreted

Prospect Park
Lakeshore Restoration | Phase I Enlargement Plan

Shoreline Reinterpret
 Restore New





EXISTING CONDITIONS



KEY PLAN (NTS)



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Prospect Park

Lakeshore Restoration | Phase I Sitting Area at Former Historic Site Rendering

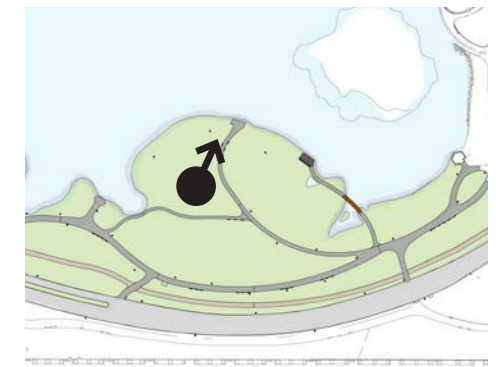


Asphalt path

Central Park Settee



EXISTING CONDITIONS



KEY PLAN (NTS)



Prospect Park

Lakeshore Restoration | Phase I Waterfront Access Rendering



Summerhouse

Wood Timber Bridge

Aquatic planting and boulders

Inlet

ADA path

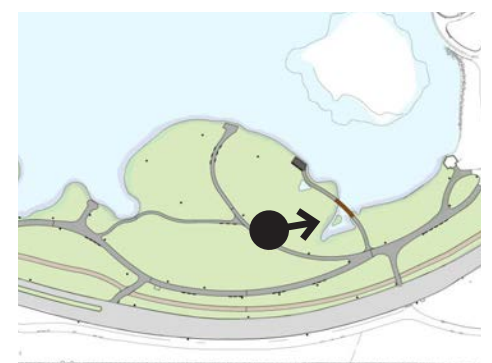
Aquatic planting

Vegetated island

Aquatic planting



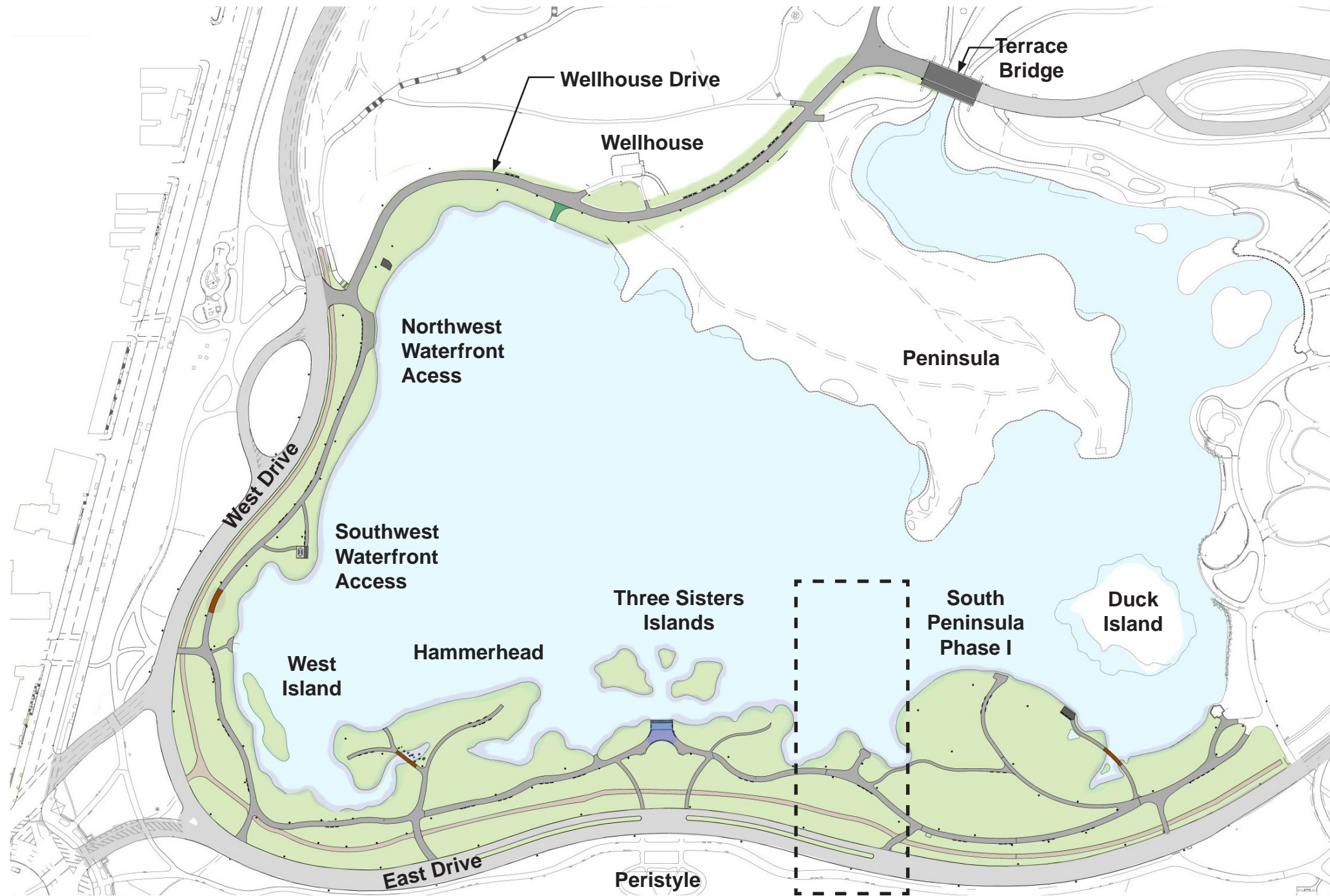
EXISTING CONDITIONS



KEY PLAN (NTS)



Prospect Park
Lakeshore Restoration | Phase I Timber Path Rendering

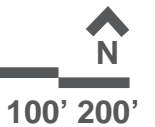


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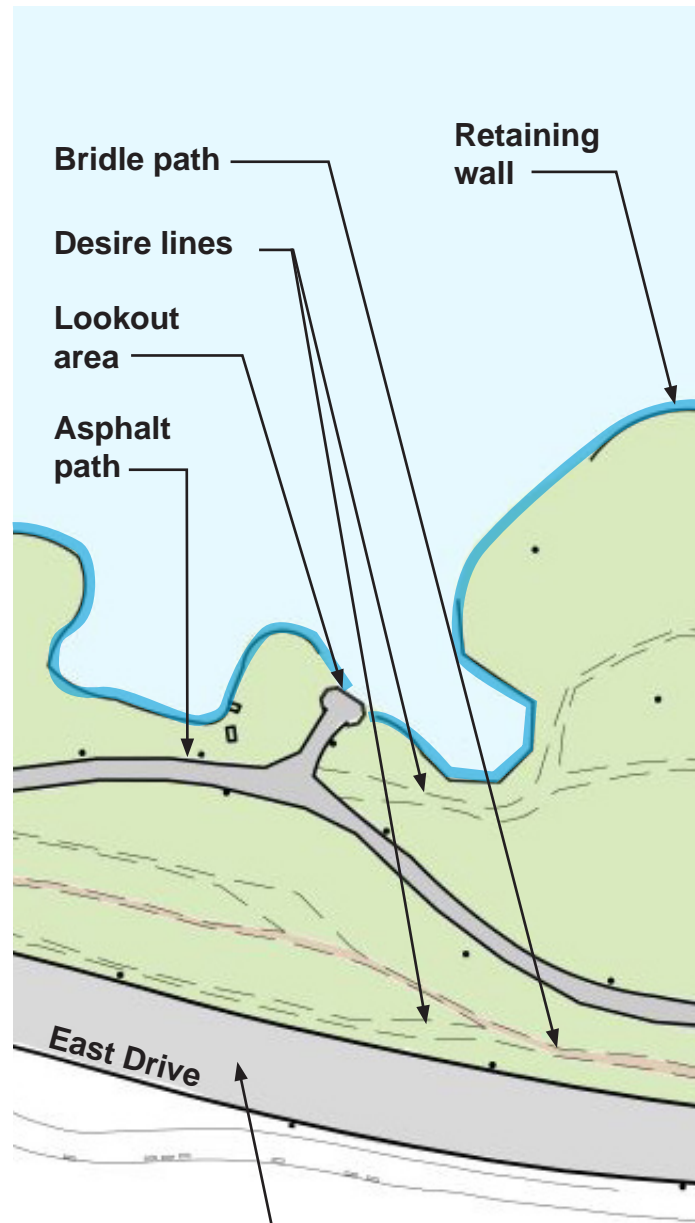
Prospect Park

Lakeshore Restoration | Three Sisters Island East Area

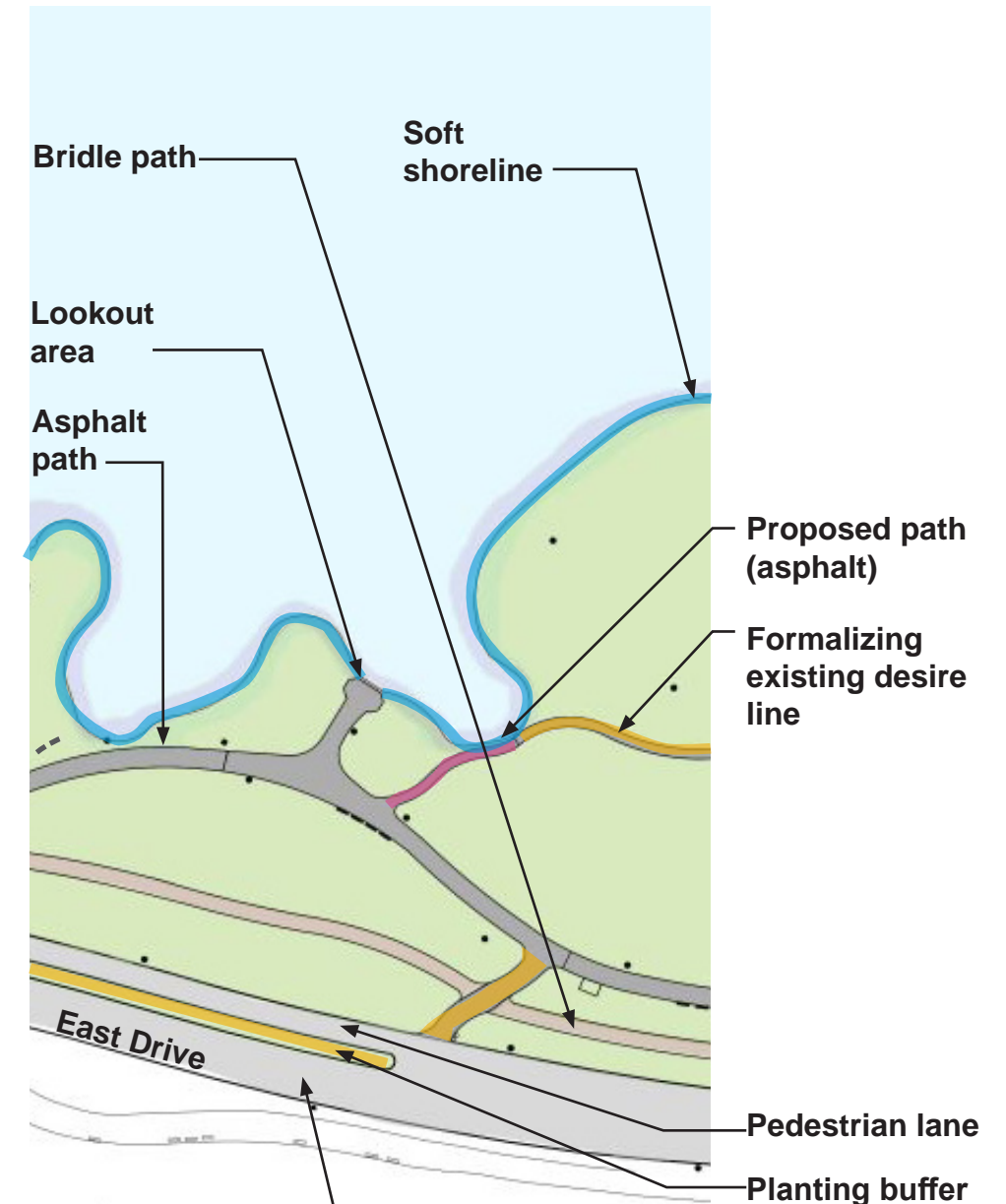




1. 1874 Plan







2. 2023 Survey



3. Proposed Plan

 Areas being reinterpreted

 Shoreline  Reinterpret
 Restore  New

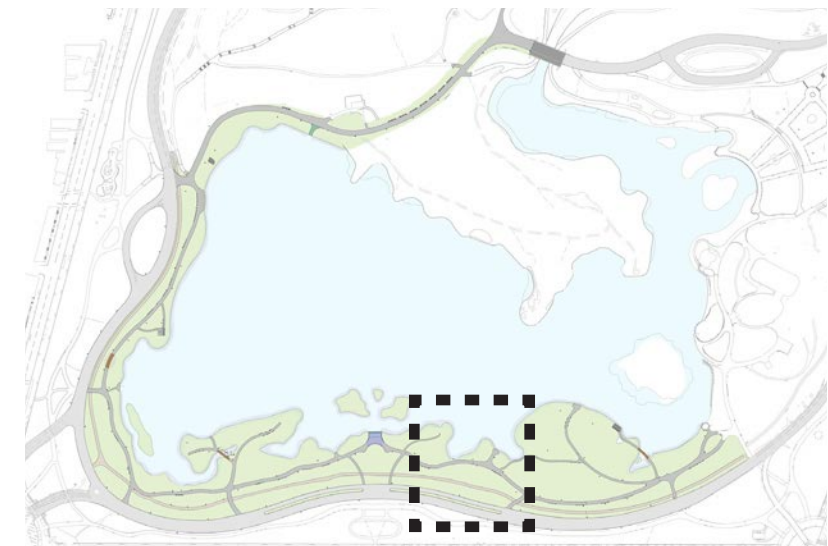


Prospect Park

Lakeshore Restoration | Three Sisters Island East Enlargement Plan



EXISTING CONDITIONS

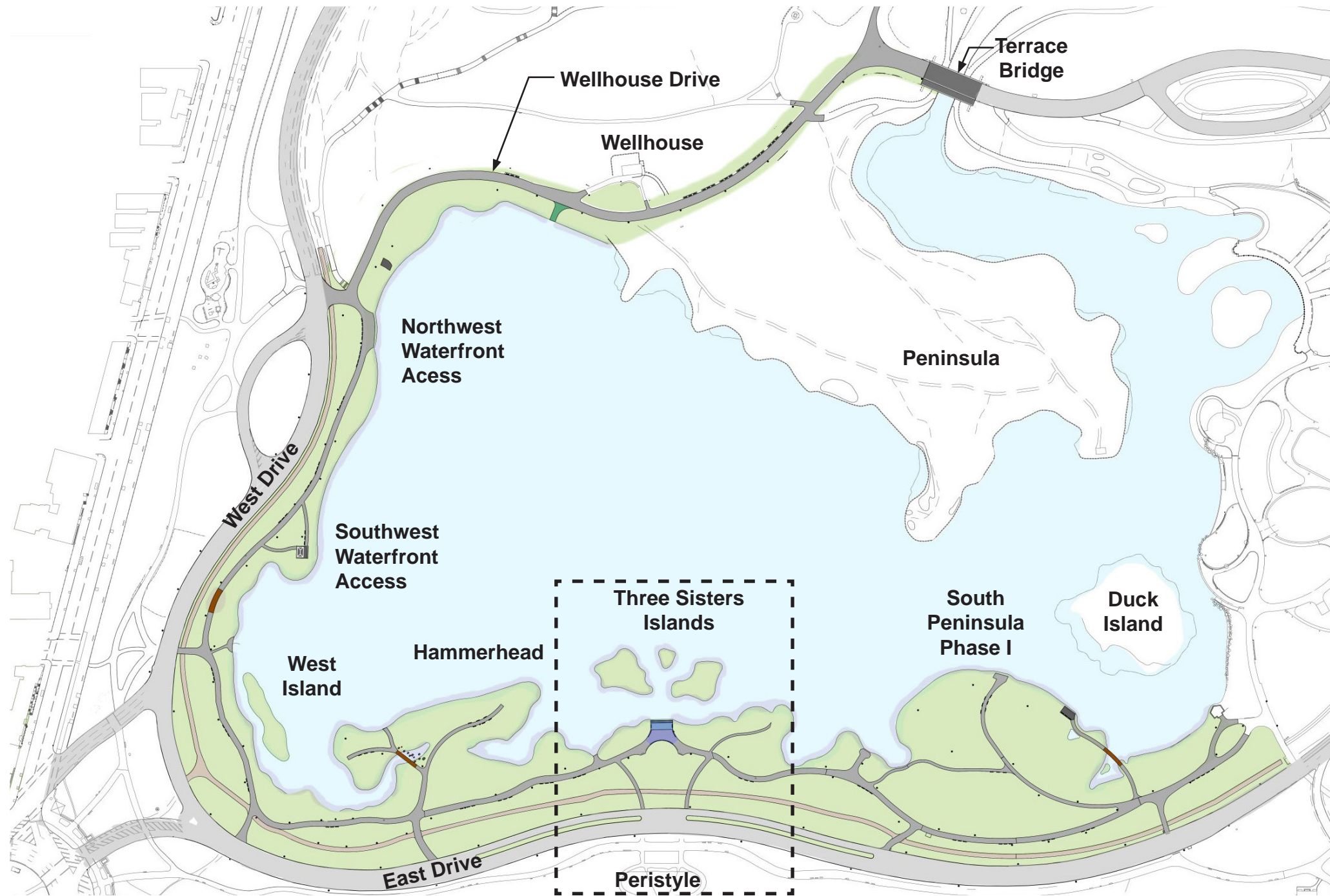


KEY PLAN (NTS)



Prospect Park

Lakeshore Restoration | Outflow View Facing East Rendering

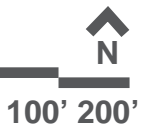


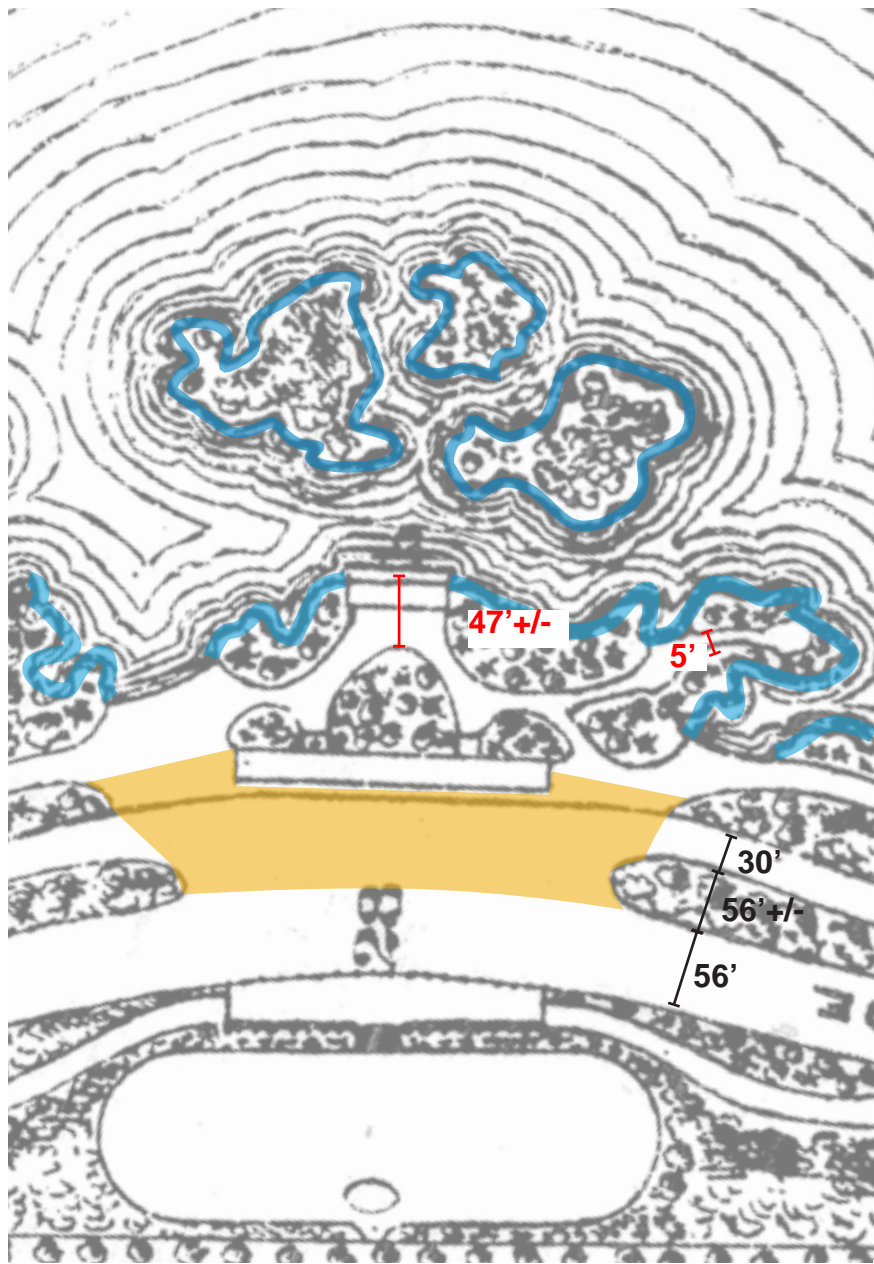
NYC Parks



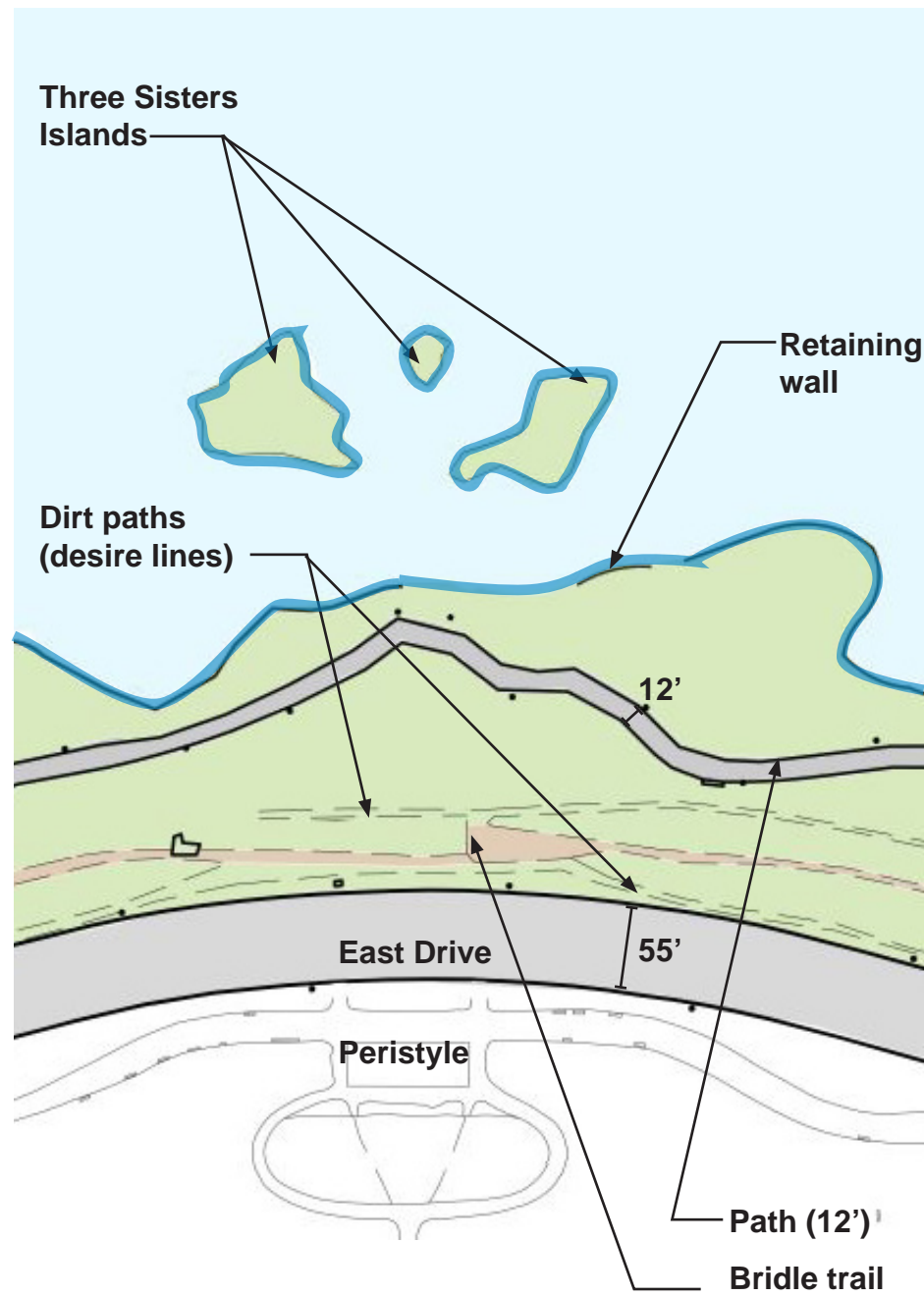
Prospect Park

Lakeshore Restoration | Three Sisters Island West Area

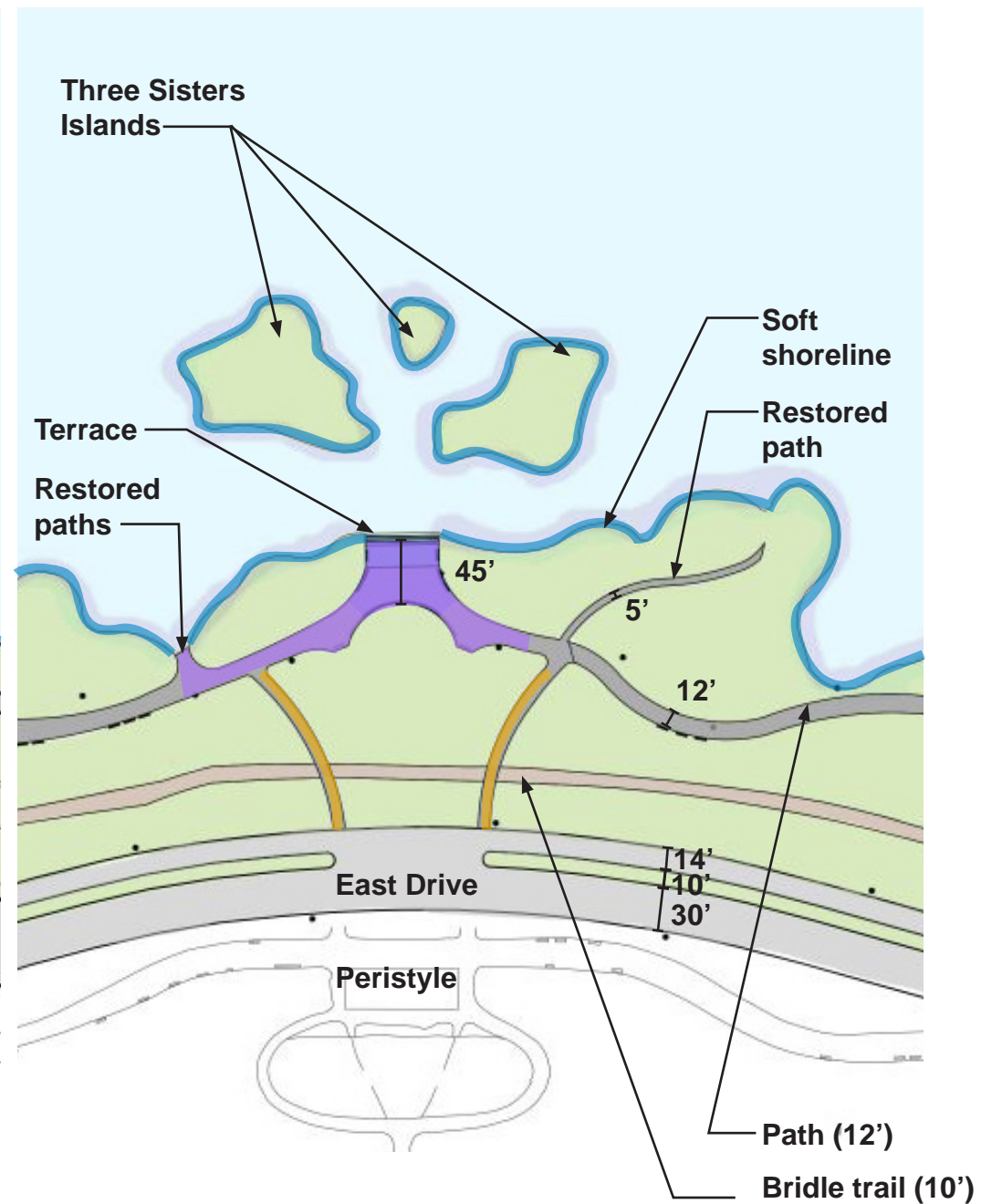




1. 1874 Plan



2. 2023 Survey



3. Proposed Plan

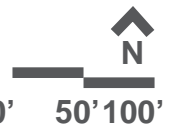
 Areas being reinterpreted

 Shoreline
 Restore
 Reinterpret
 New



Prospect Park

Lakeshore Restoration | Three Sisters Island West Enlargement Plan





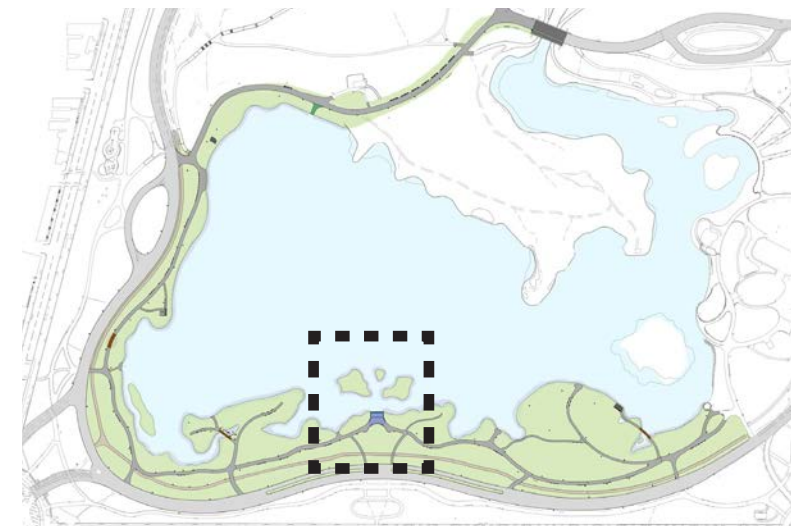
Bluestone paver

Bluestone block paver
Hex block paver

Central Park Settee



EXISTING CONDITIONS



KEY PLAN (NTS)

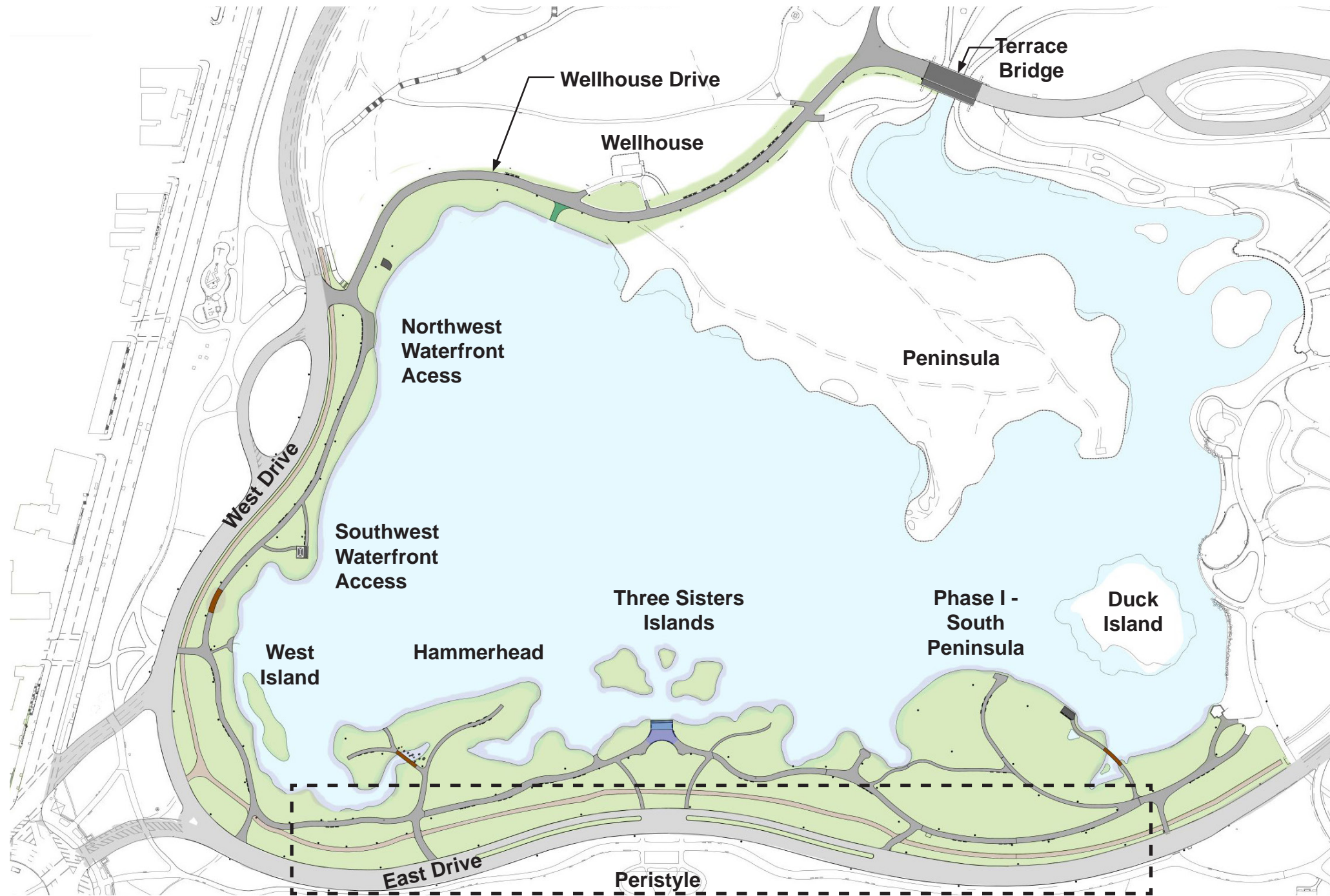


NYC Parks



Prospect Park

Lakeshore Restoration | Terrace at Three Sisters Islands

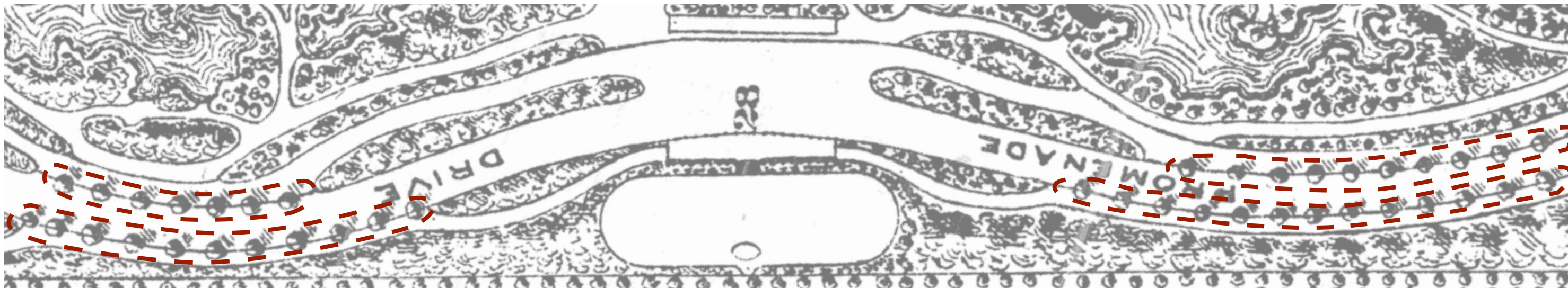


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Prospect Park

Lakeshore Restoration | East Drive Area



1. 1874 Plan

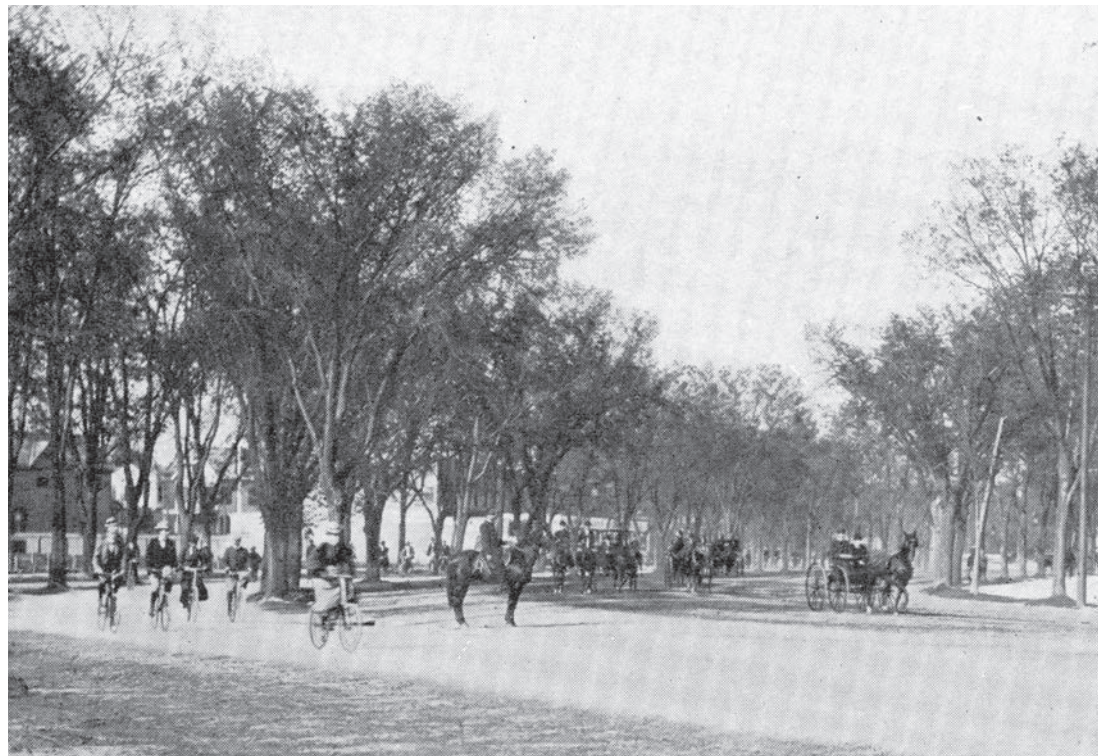
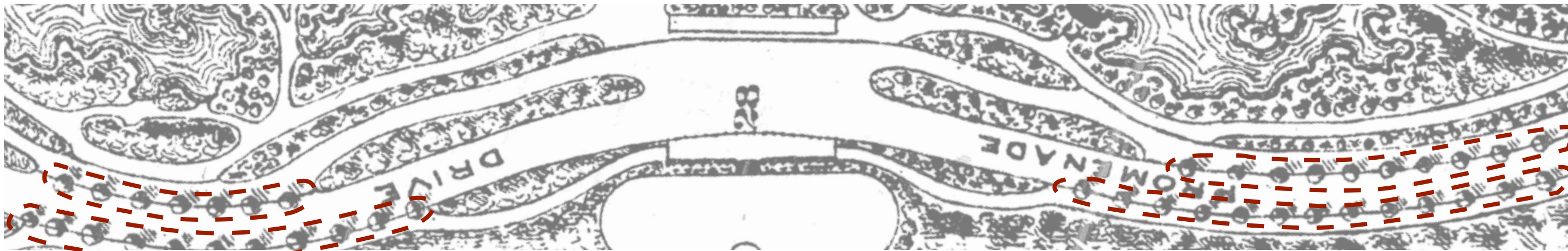


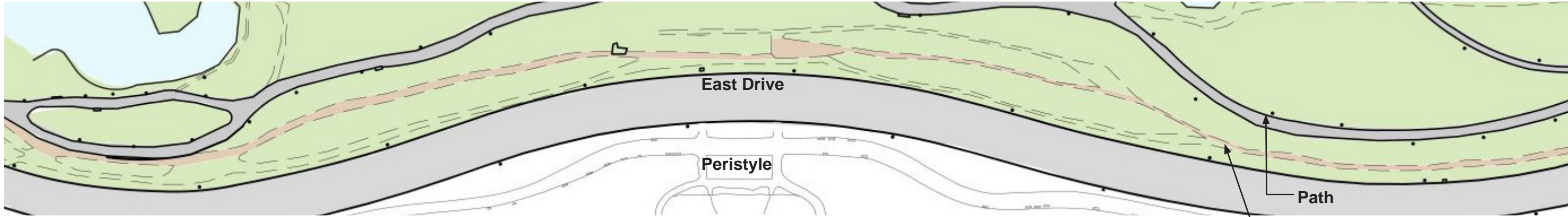
Photo from 1912



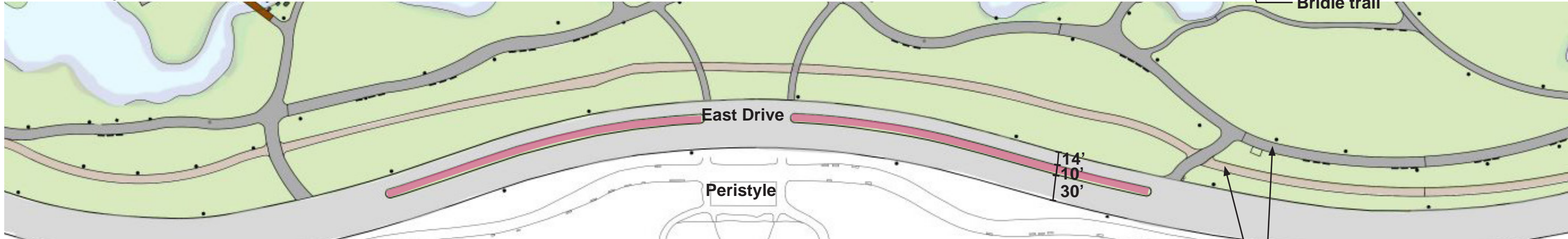
Prospect Park
Lakeshore Restoration | East Drive Enlargement



1. 1874 Plan



2. 2023 Survey



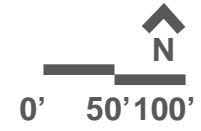
3. Proposed Plan



Areas being reinterpreted
 Shoreline
 Restore
 Reinterpret
 New

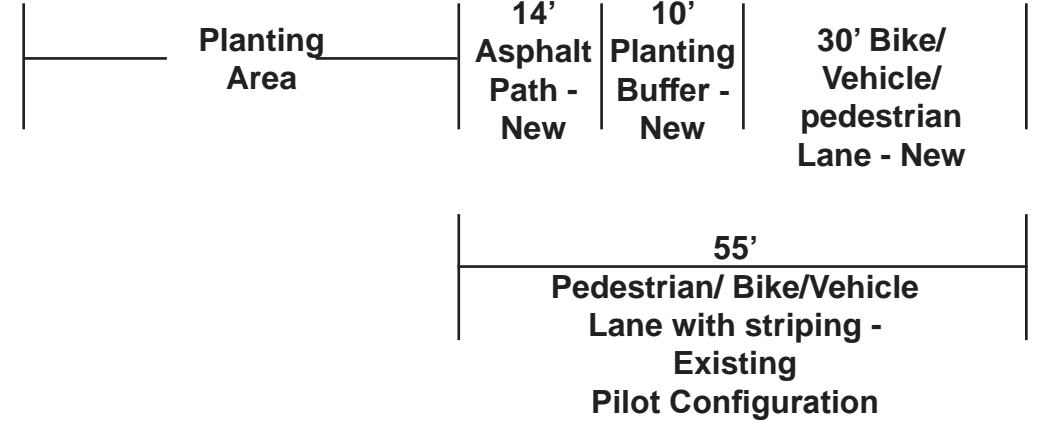
Prospect Park
Lakeshore Restoration | East Drive Enlargement

Path (12')
 Bridle trail (10')

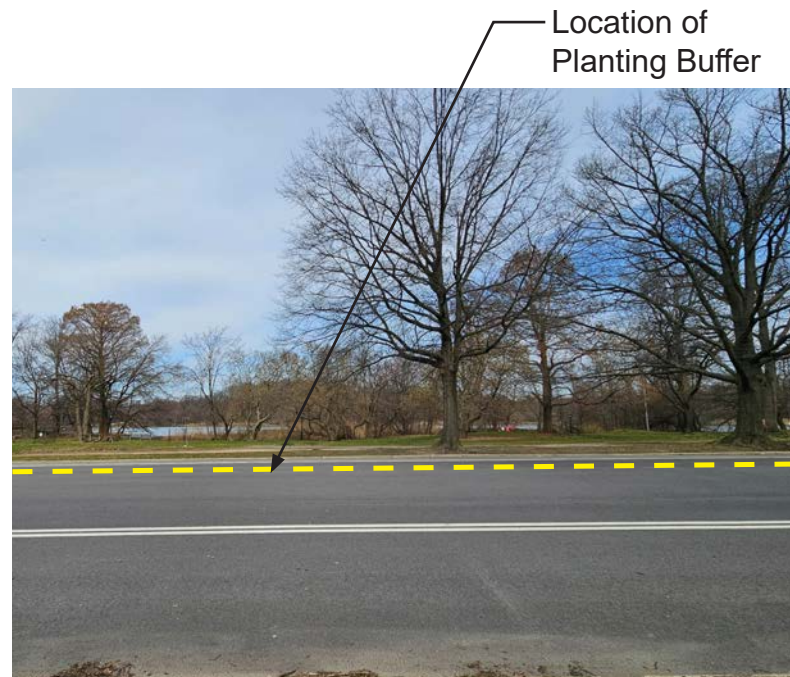




KEY PLAN (NTS)



EXISTING CONDITIONS, PRE-DOT PILOT, LOOKING ALONG DRIVE

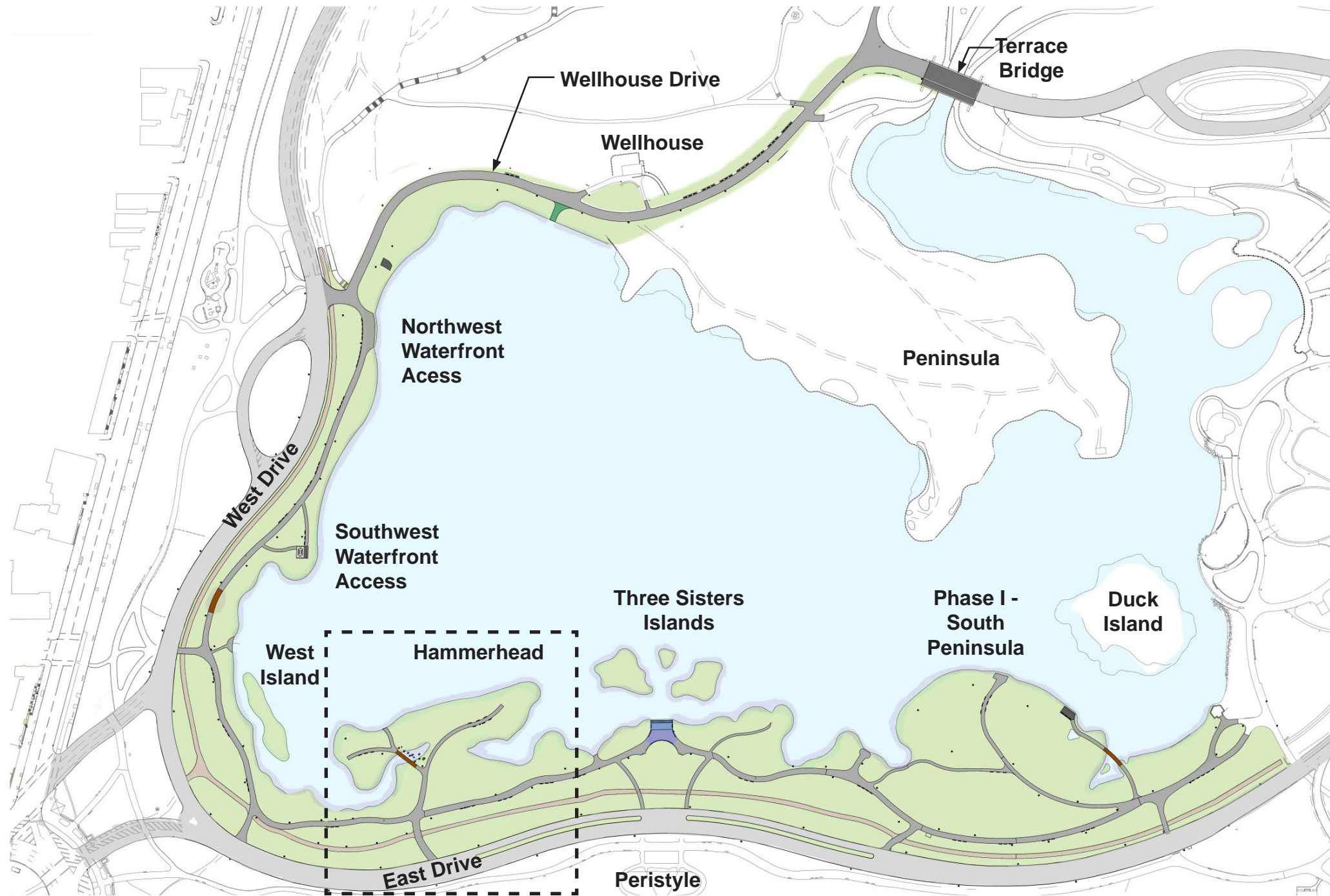


EXISTING CONDITIONS, LOOKING TOWARDS LAKE



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Lakeshore Restoration | Section of East Drive

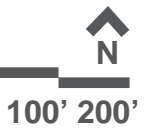


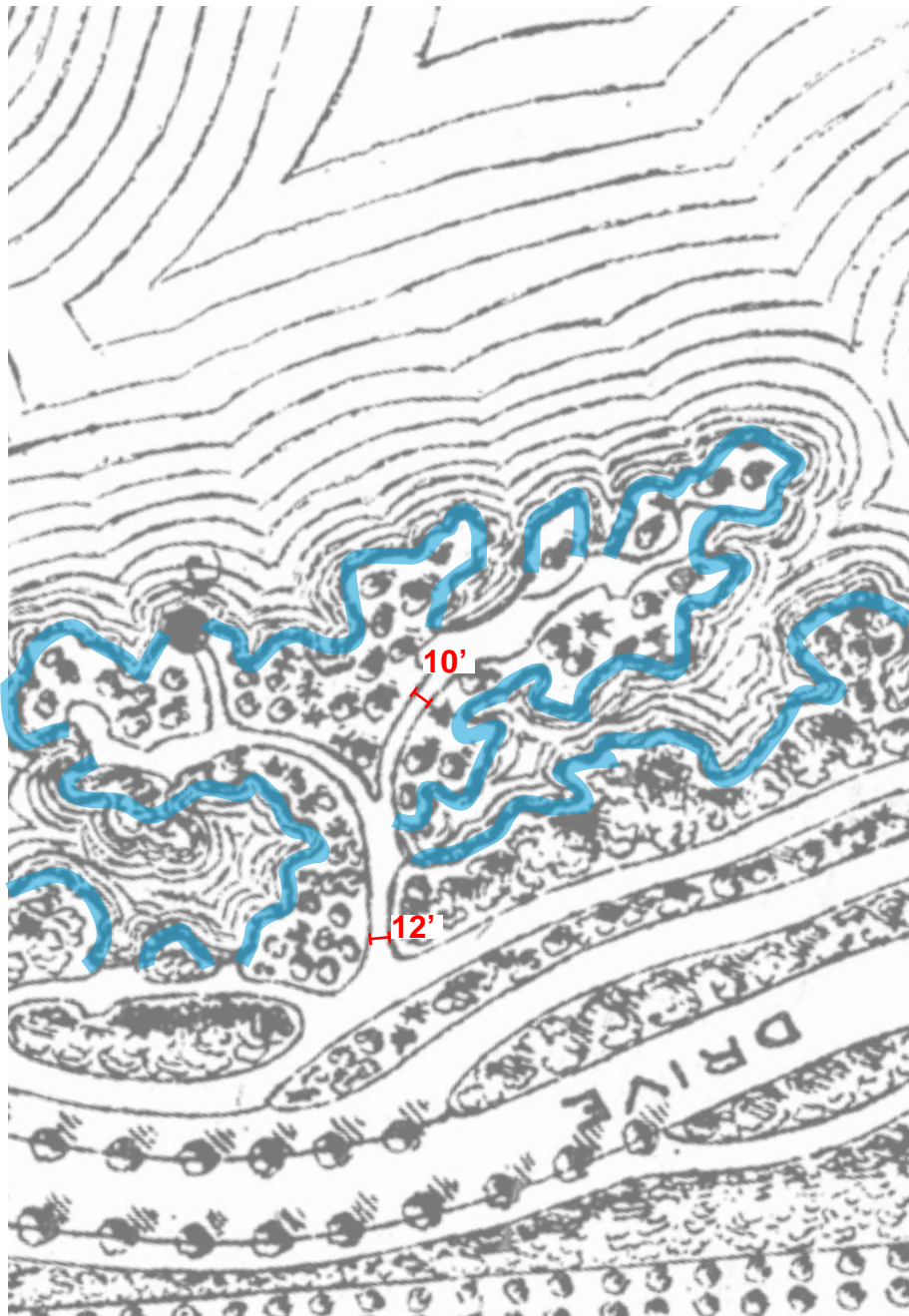
NYC Parks



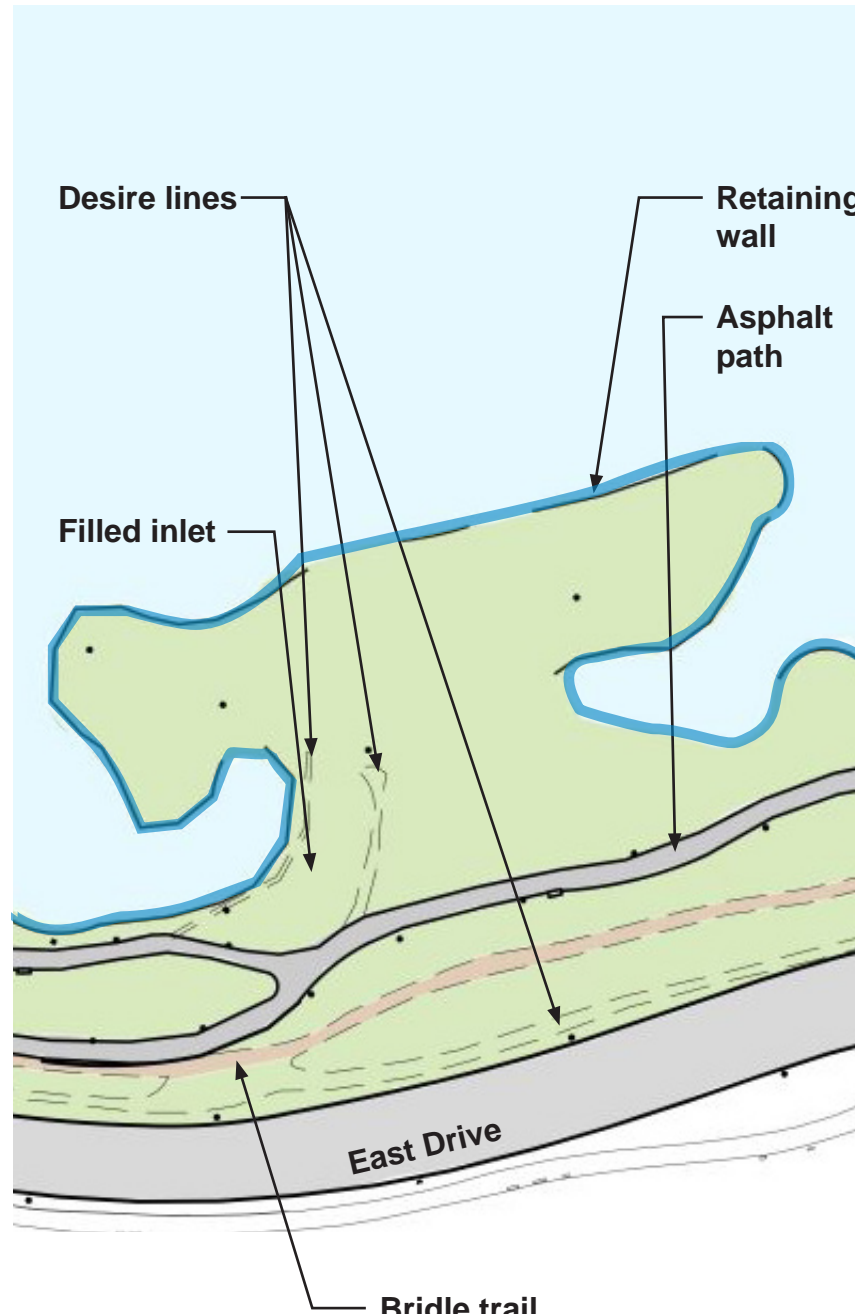
Prospect Park

Lakeshore Restoration | Hammerhead Peninsula Area

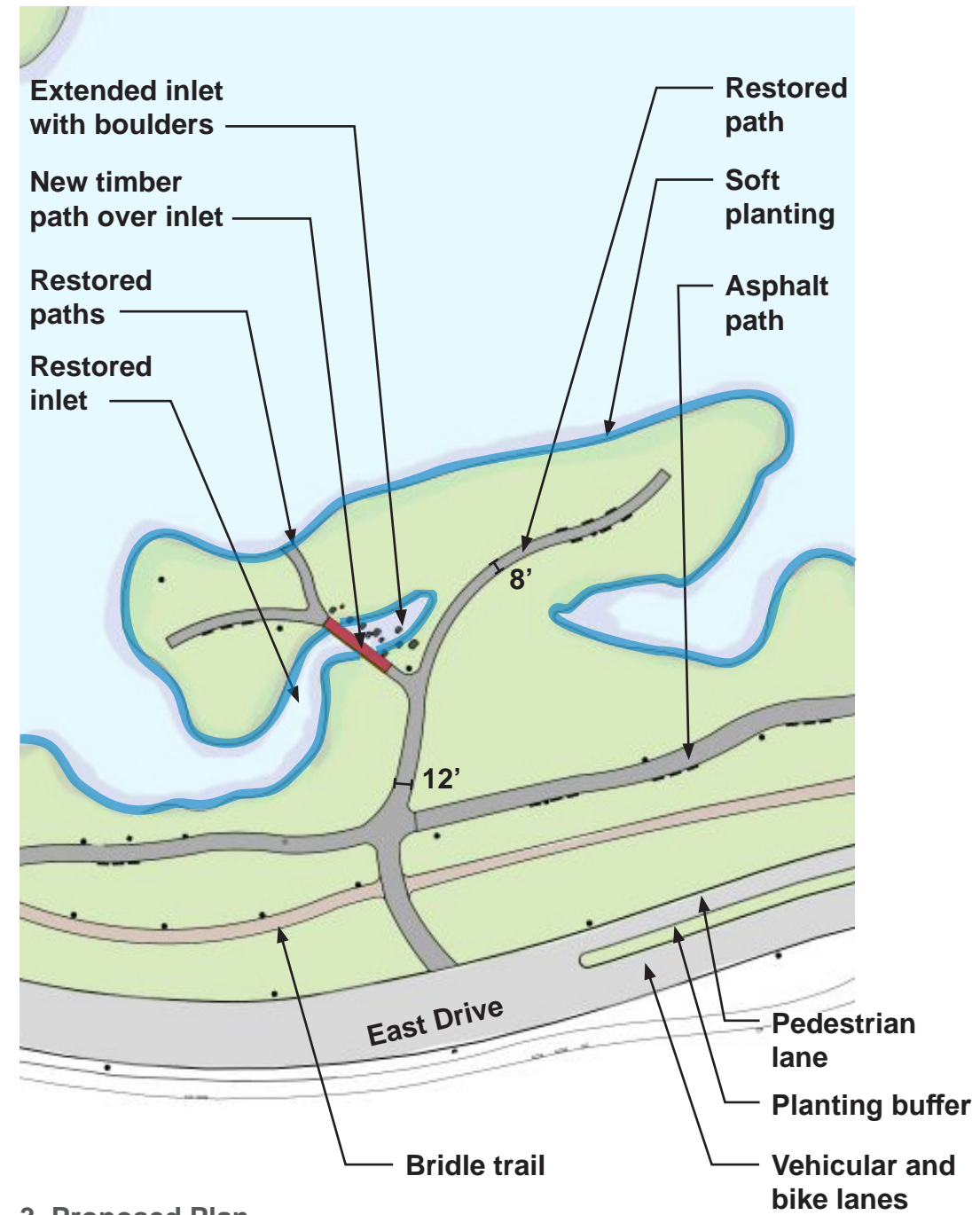




1. 1874 Plan



2. 2023 Survey



3. Proposed Plan

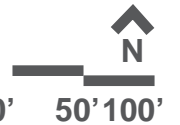


Prospect Park

Lakeshore Restoration | Hammerhead Peninsula Enlargement Plan

Areas being reinterpreted

Shoreline
Maintain
Reinterpret
New





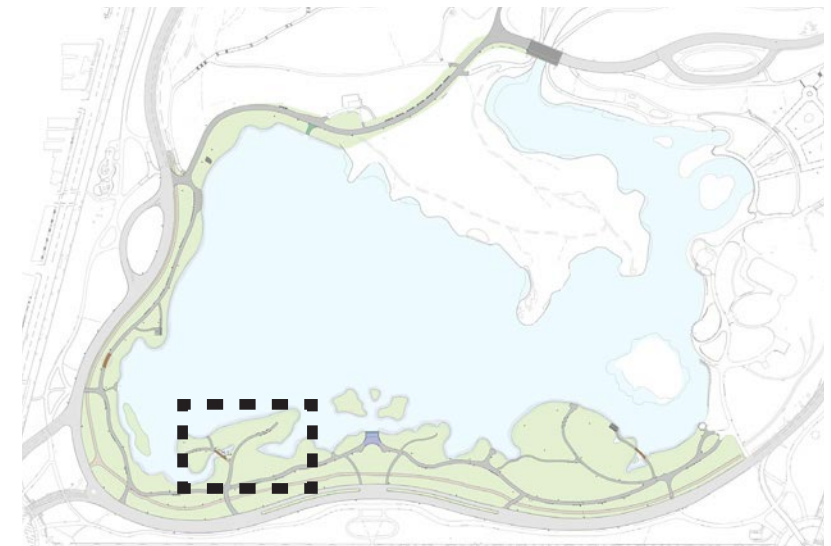
Lake inlet
Asphalt Path

Timber Path

Boulders and aquatic plantings



EXISTING CONDITIONS



KEY PLAN (NTS)

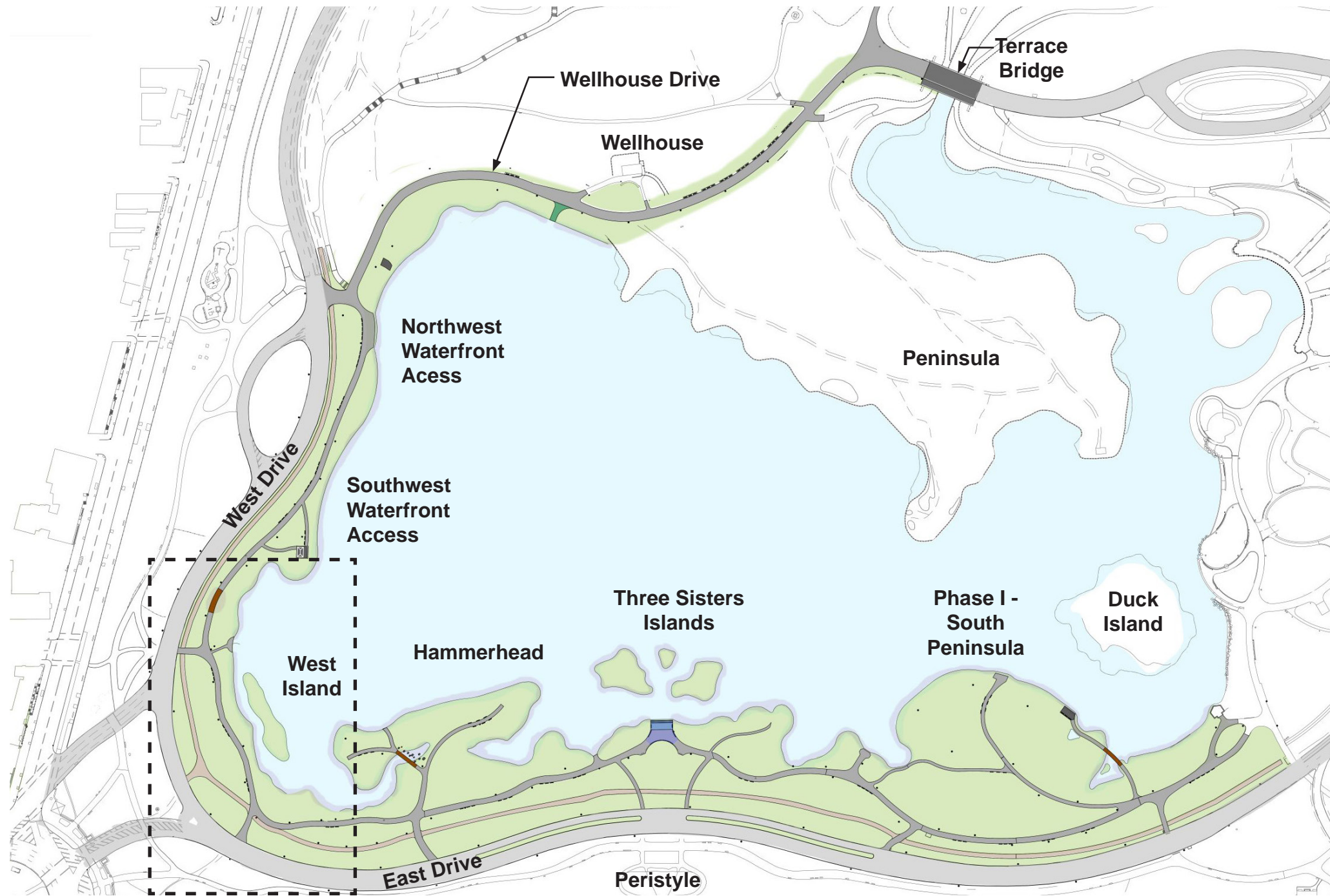


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Lakeshore Restoration | Inlet at Hammerhead Peninsula

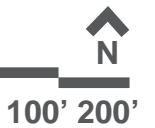


NYC Parks



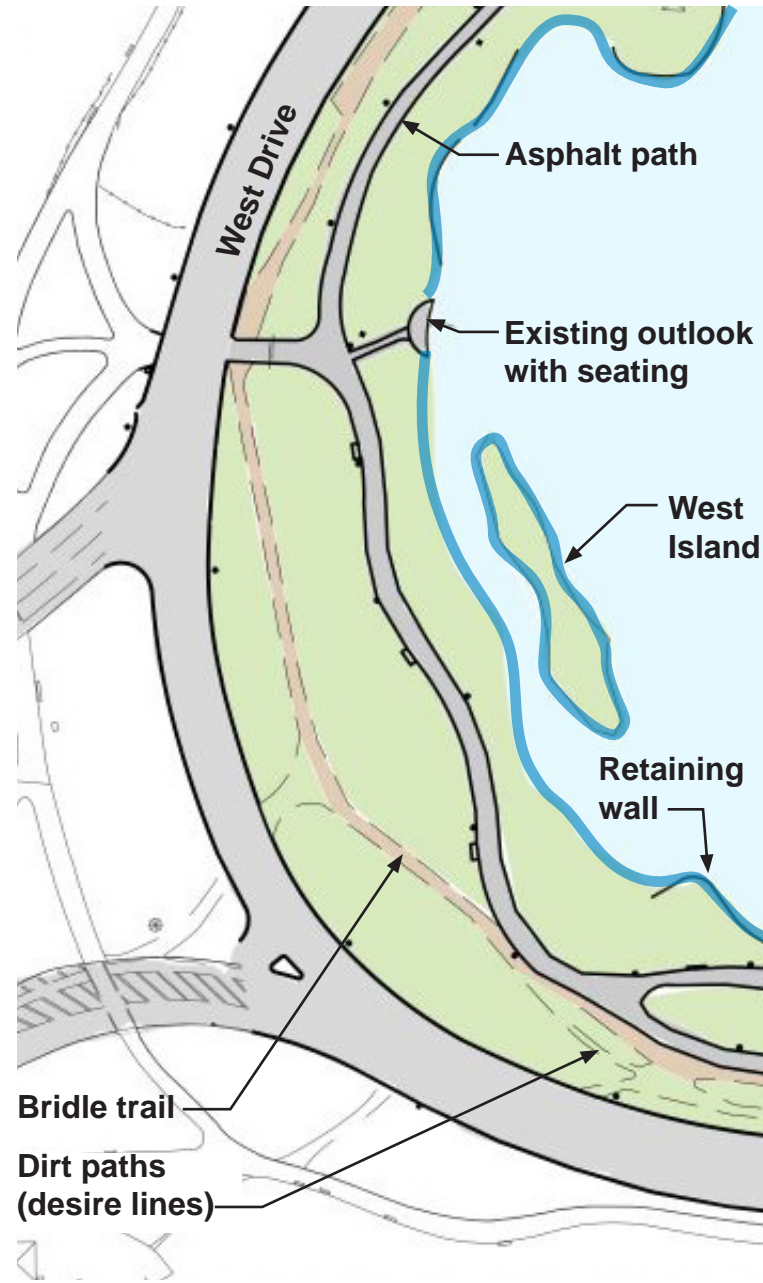
Prospect Park

Lakeshore Restoration | West Island Area

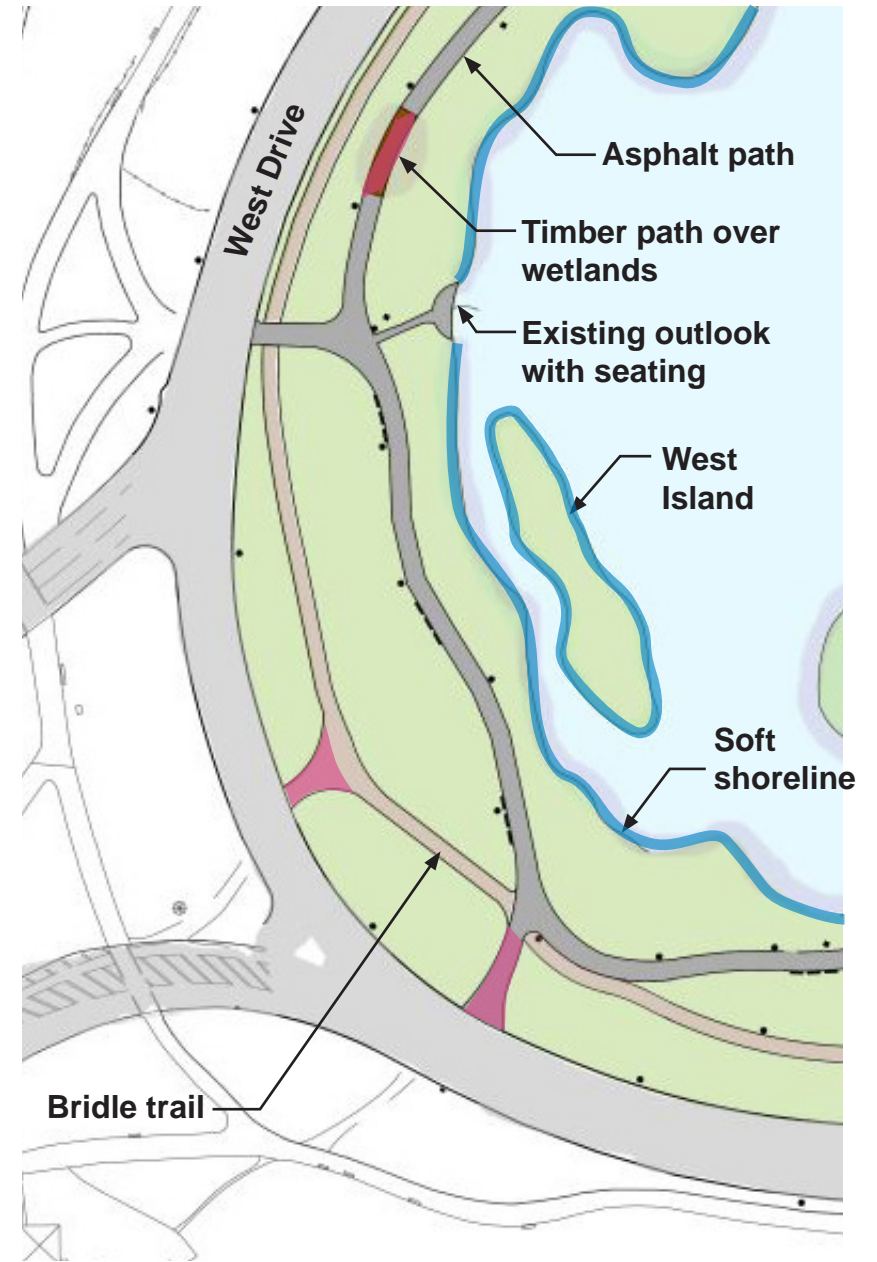




1. 1874 Plan



2. 2023 Survey



3. Proposed Plan

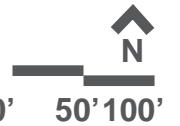


Prospect Park

Lakeshore Restoration | West Island Enlargement Plan

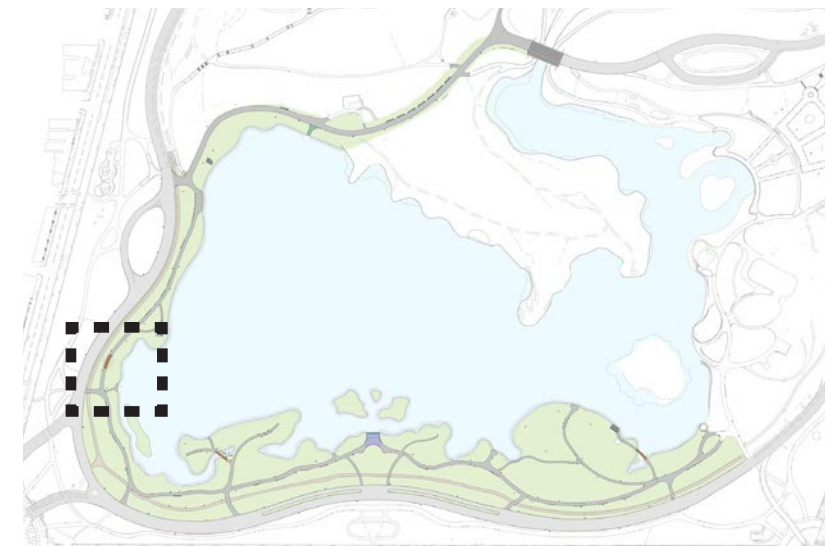
Areas being reinterpreted

Shoreline Reinterpret
Restore New





EXISTING CONDITIONS



KEY PLAN (NTS)

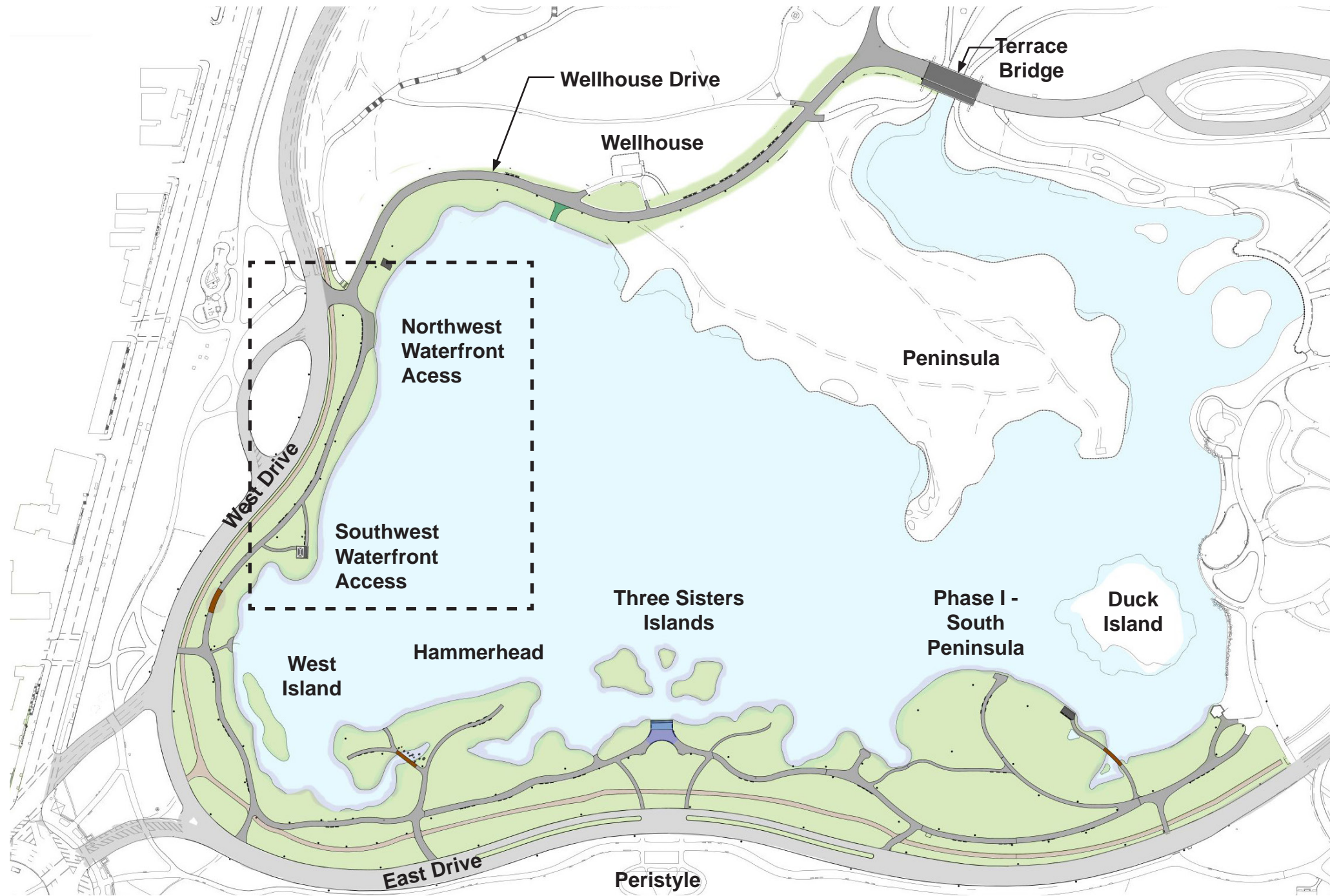


NYC Parks



Prospect Park

Lakeshore Restoration | Timber Path over Wetlands

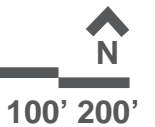


NYC Parks



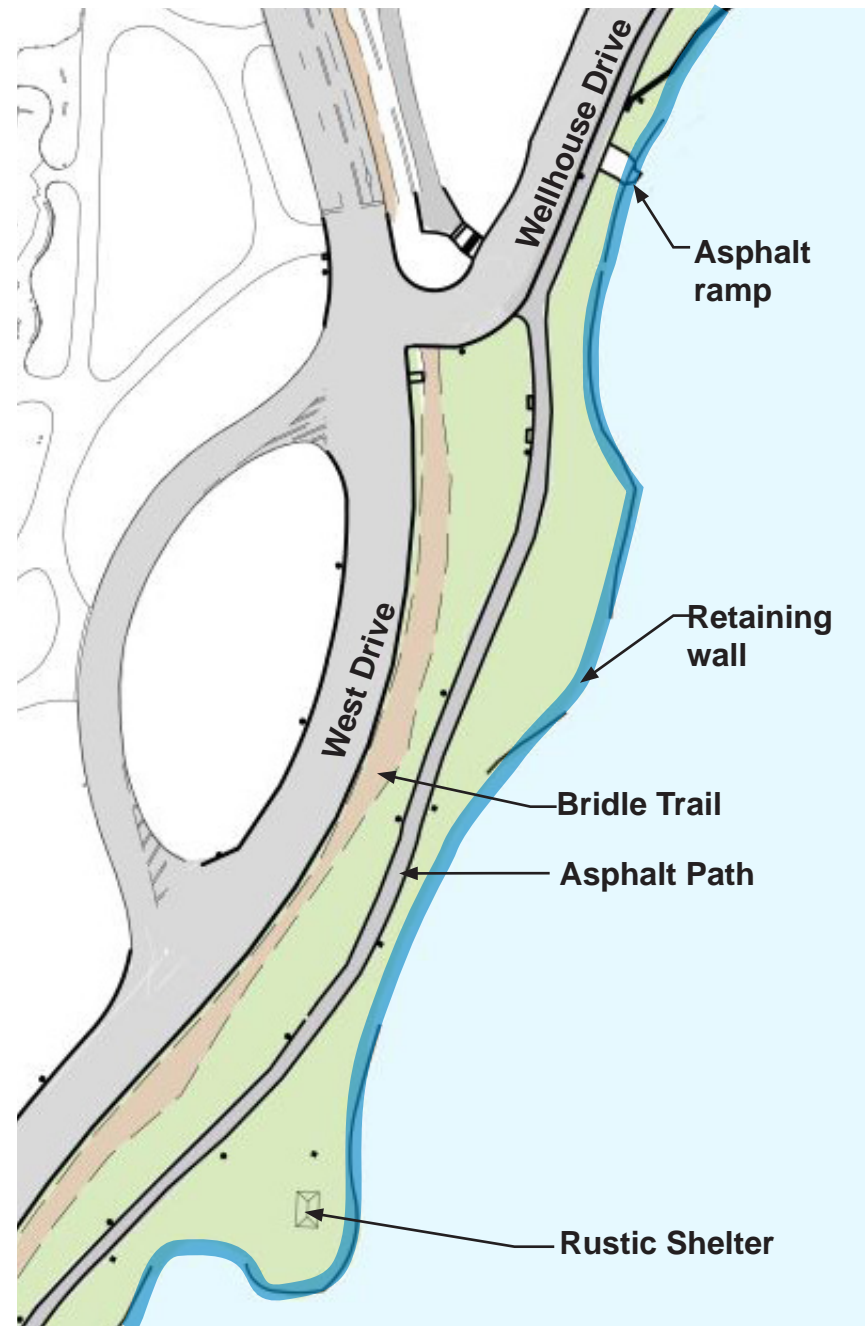
Prospect Park

Lakeshore Restoration | Northwest and Southwest Waterfront Access Area

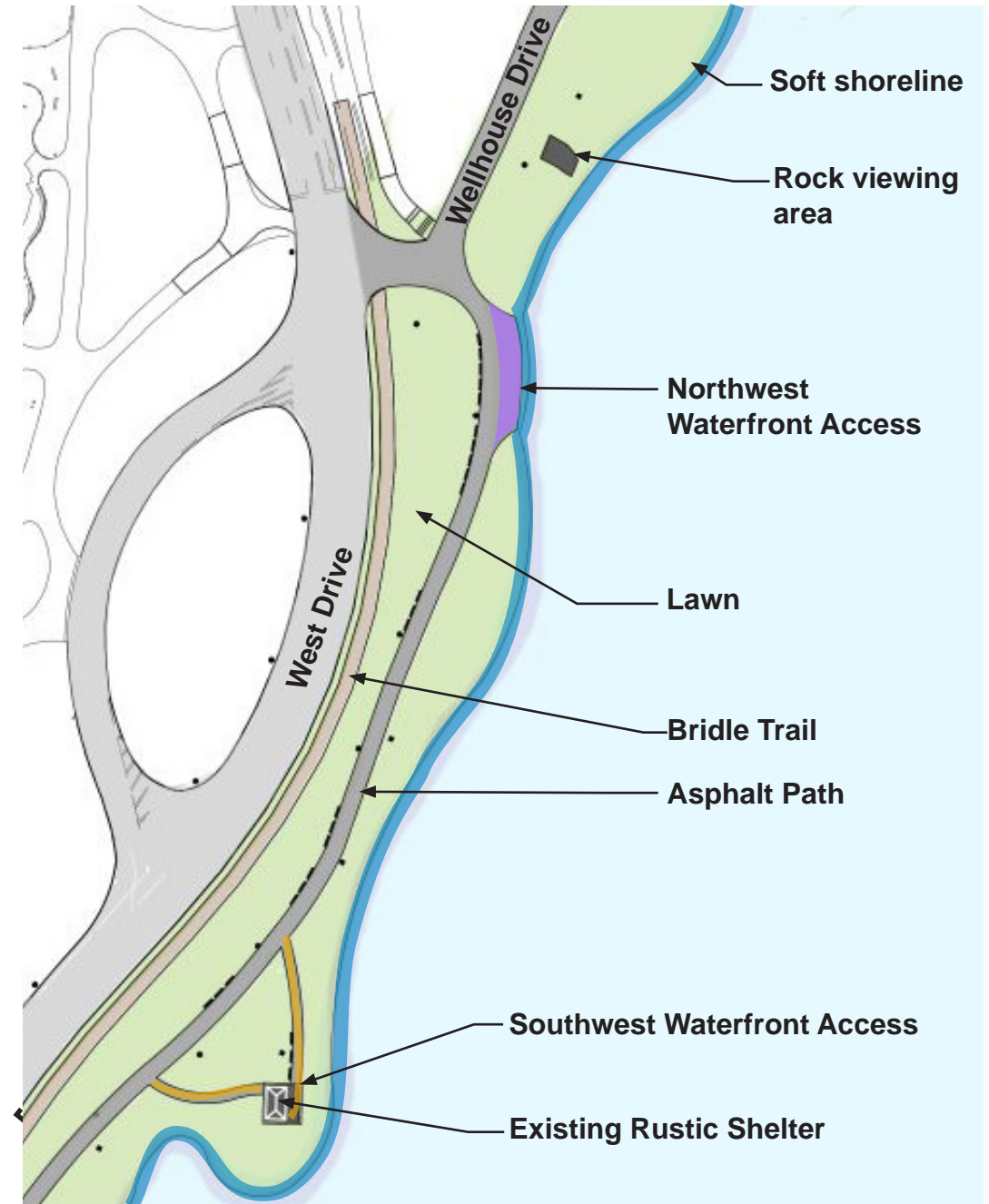




1. 1874 Plan



2. 2023 Survey



3. Proposed Plan



NYC Parks

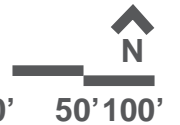


Prospect Park

Lakeshore Restoration | Northwest and Southwest Waterfront Access Enlargement Plan

Areas being reinterpreted

Shoreline Reinterpret
Restore New





Soft shoring planting

Granite flagstone

Rustic shelter

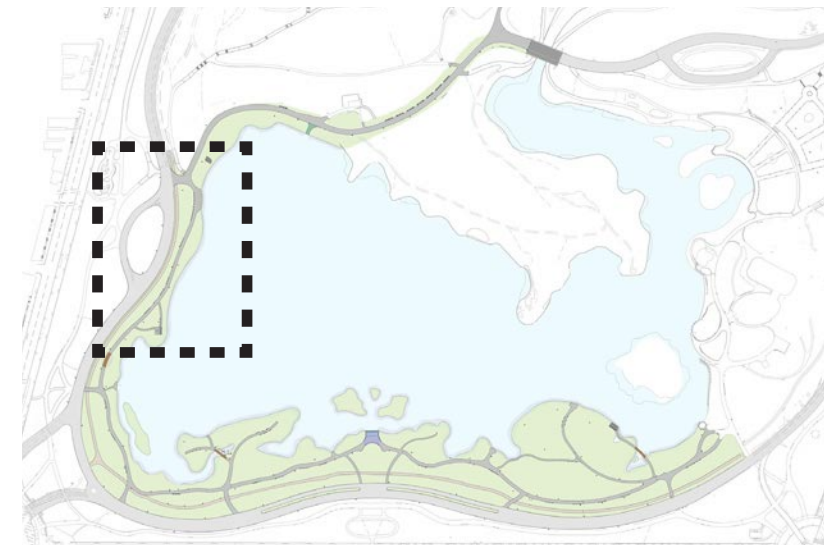
Asphalt path

Asphalt paving

Central Park Settee



EXISTING CONDITIONS



KEY PLAN (NTS)



NYC Parks



Prospect Park

Lakeshore Restoration | Southwest Waterfront at Rustic Shelter



Planted slope with boulders

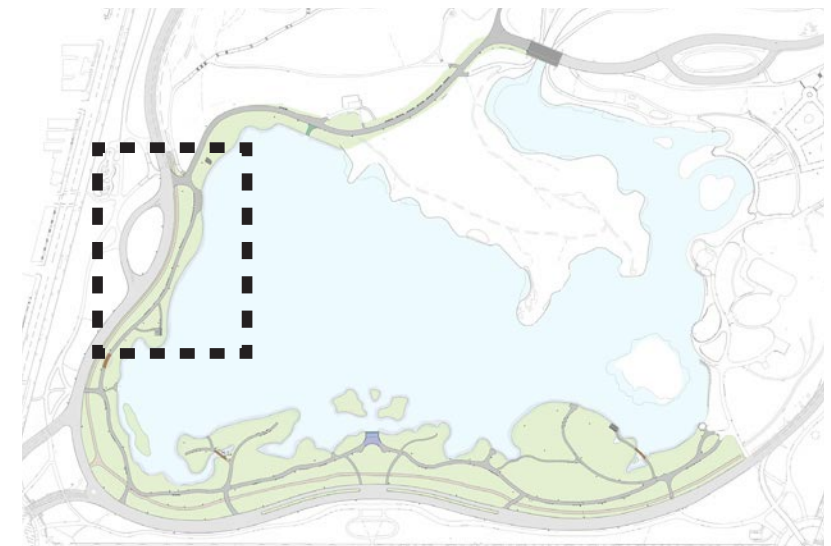
Asphalt path

Bluestone pavement

Central Park Settee



EXISTING CONDITIONS



KEY PLAN (NTS)

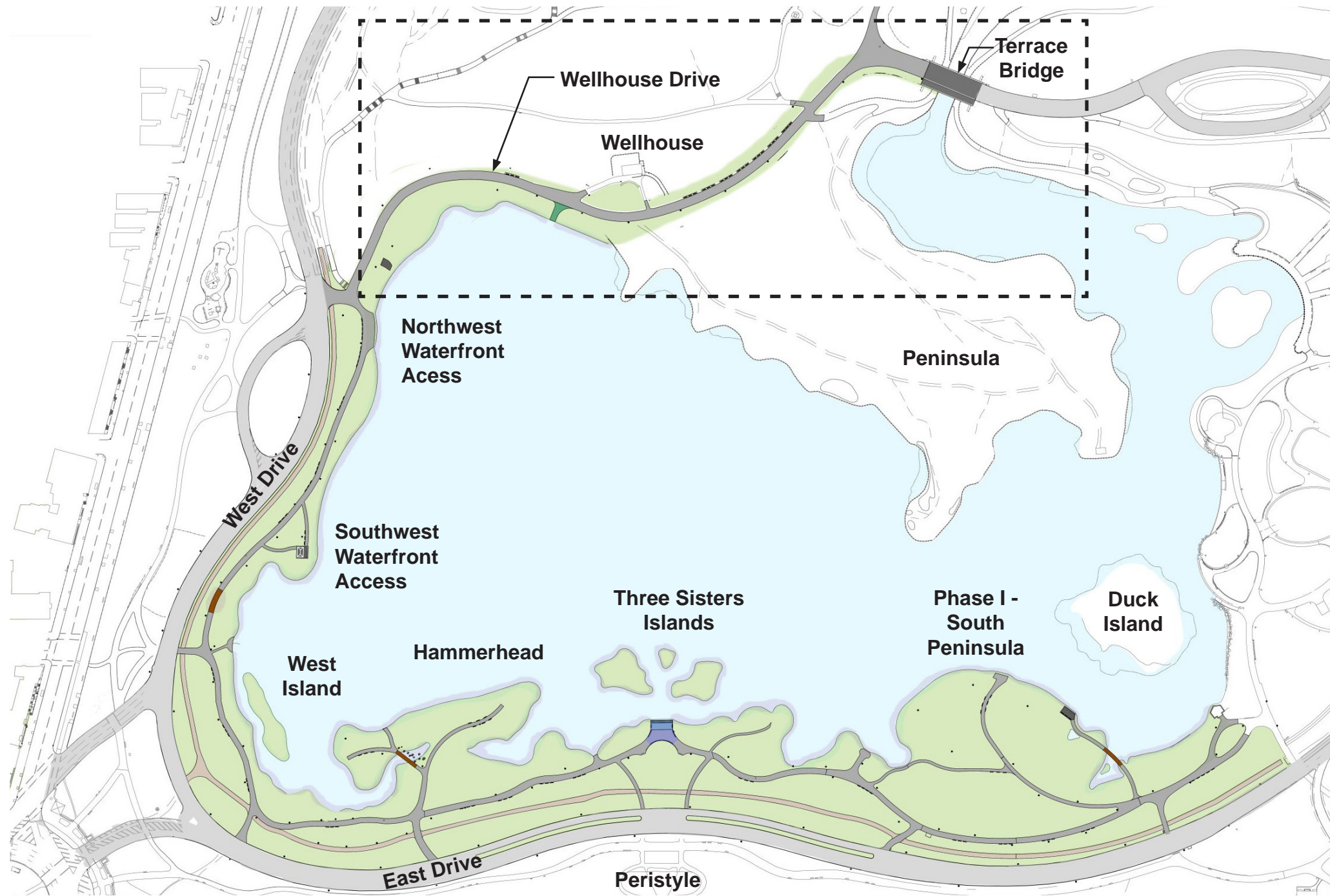


NYC Parks



Prospect Park

Lakeshore Restoration | Northwest Waterfront at Wellhouse Drive

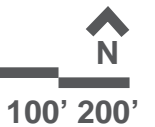


NYC Parks



Prospect Park

Lakeshore Restoration | Wellhouse Drive Enlargement Area



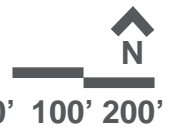


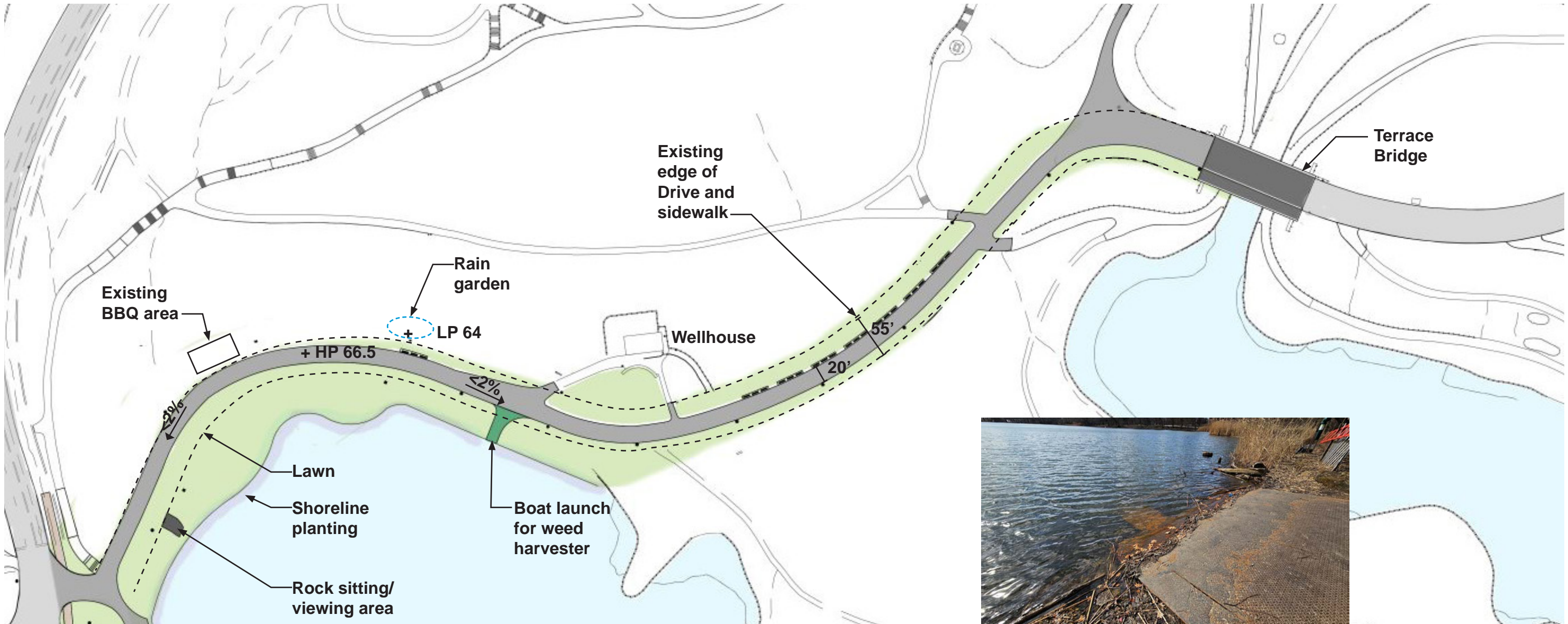
Wall installed to retain soil when Wellhouse Drive was installed (around 1888)



Prospect Park

Lakeshore Restoration | Wellhouse Drive - Existing Conditions Photos





EXISTING BOAT LAUNCH



NYC Parks



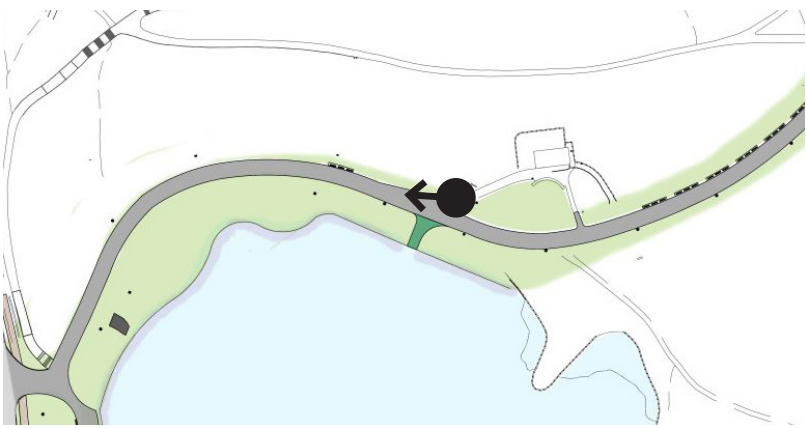
Prospect Park

Lakeshore Restoration | Reducing Width of Wellhouse Drive from 55 to 20 ft





EXISTING CONDITIONS



KEY PLAN (NTS)



NYC Parks



Prospect Park

Lakeshore Restoration | Wellhouse Drive with Reduced Width



Bluestone paver



Asphalt



Hex block pavement



Granite slab



Bridle path material



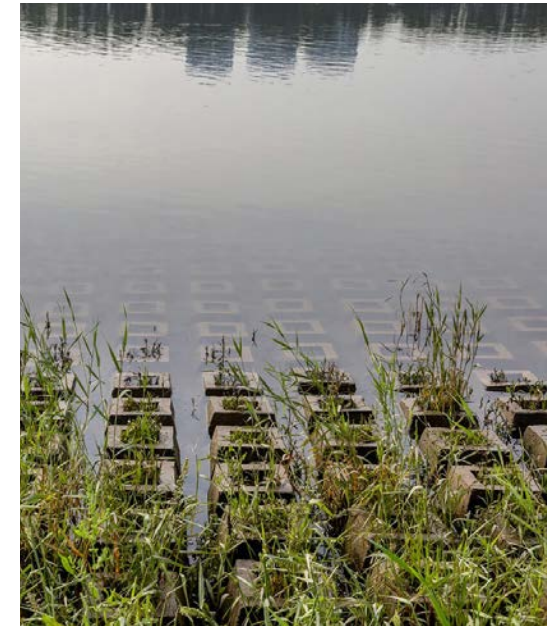
Wood Timber path and rail



Boulders



Granite flagstone



Cellular concrete system New



NYC Parks



Prospect Park

Lakeshore Restoration | Shoreline Materials



Central Park Settee with arms



B-9 Light pole



Low pipe rail fence



Decorative waste receptacle



Bicycle Rack

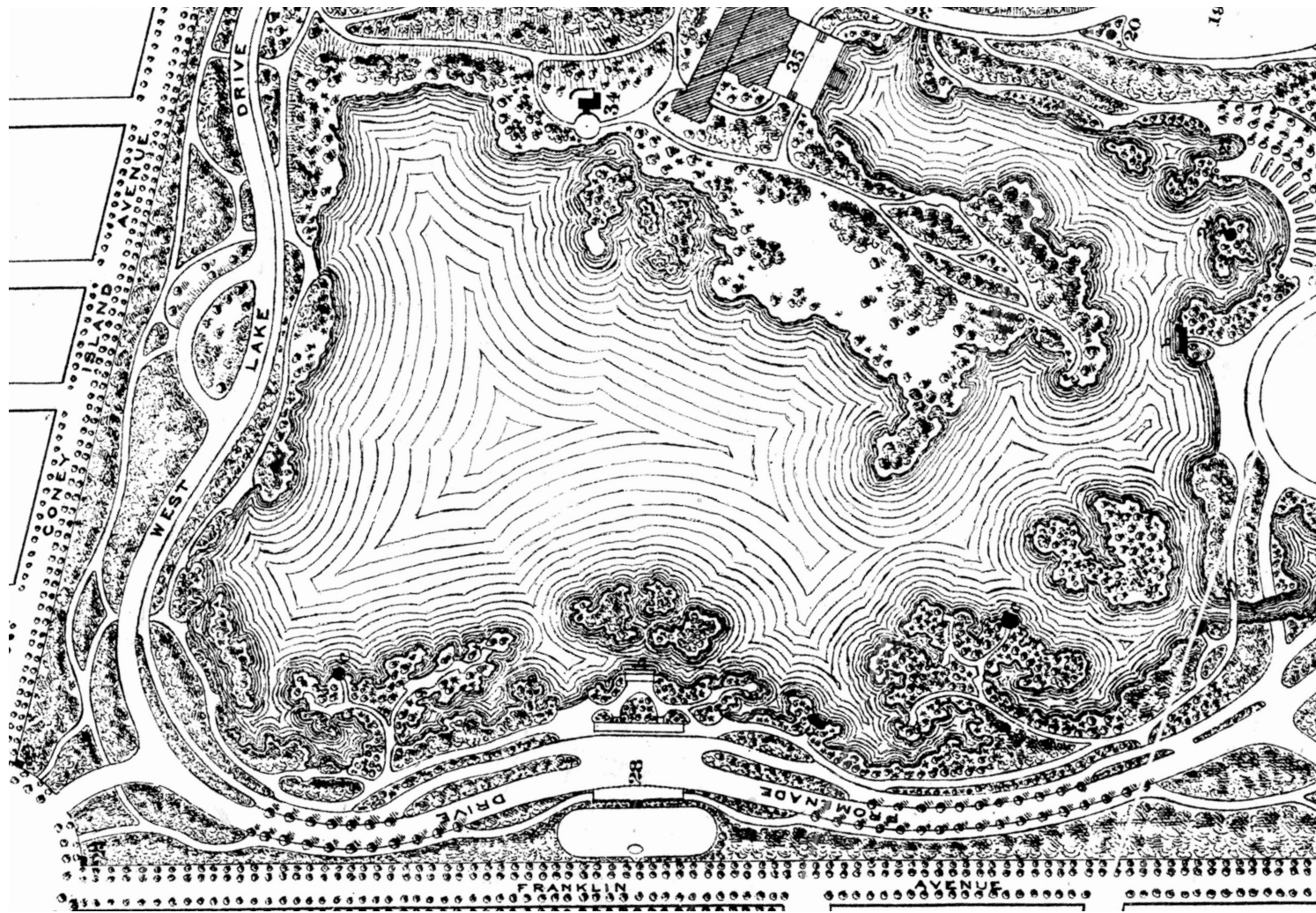


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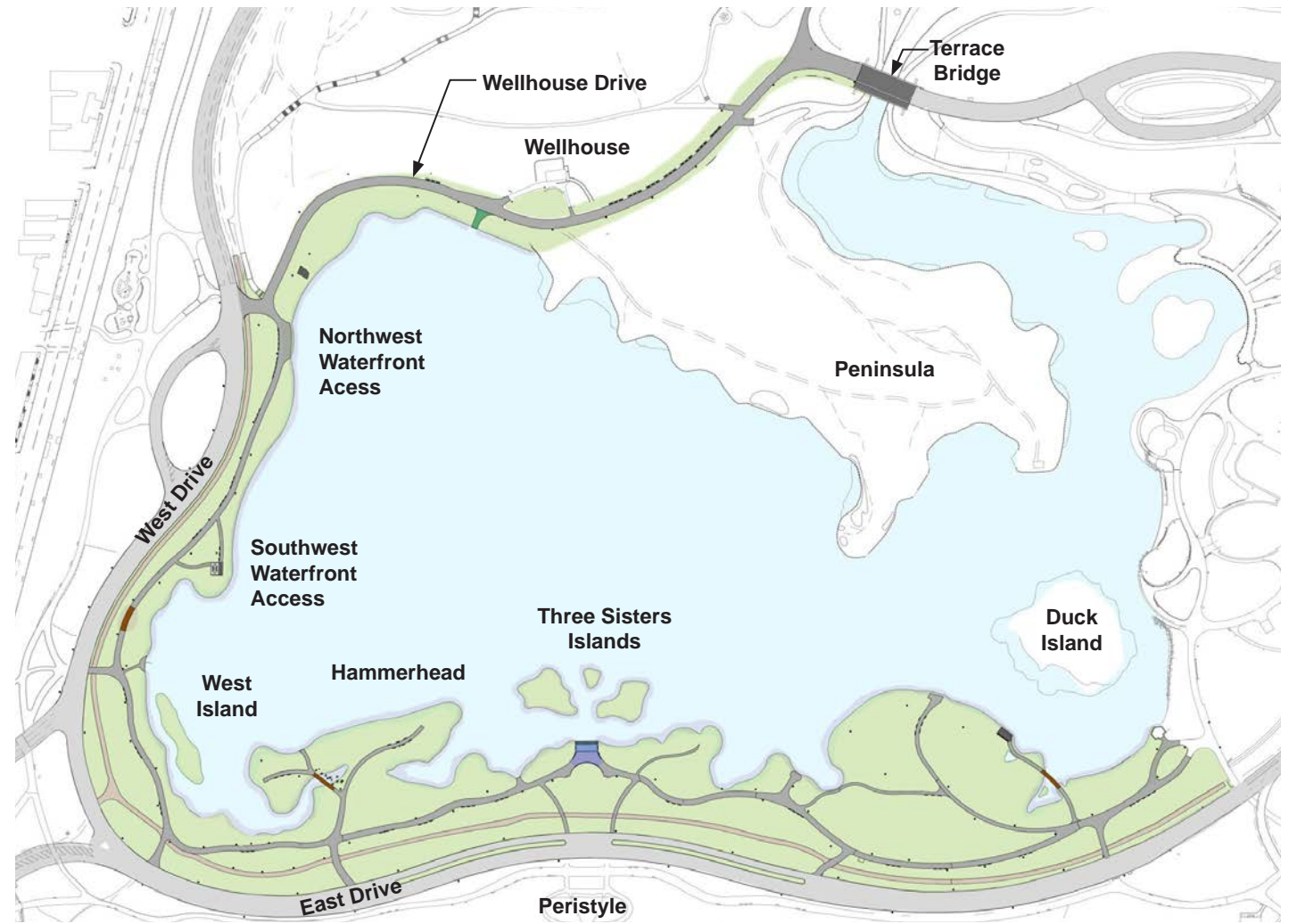


Prospect Park

Lakeshore Restoration | Furnishings Palette



1874 Plan



2024 Plan

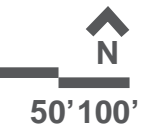


NYC Parks



Prospect Park

Lakeshore Restoration | Masterplan



March 19, 2024
Public Hearing

The current proposal is:

Preservation Department – Item 1, LPC-24-07178

Prospect Park – Scenic Landmark Borough of Brooklyn

To testify virtually, please join Zoom

Webinar ID: 863 9606 8609

Passcode: 648010

By Phone: 1 646-558-8656 US (New
York) 877-853-5257 (Toll free) US
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APPENDIX

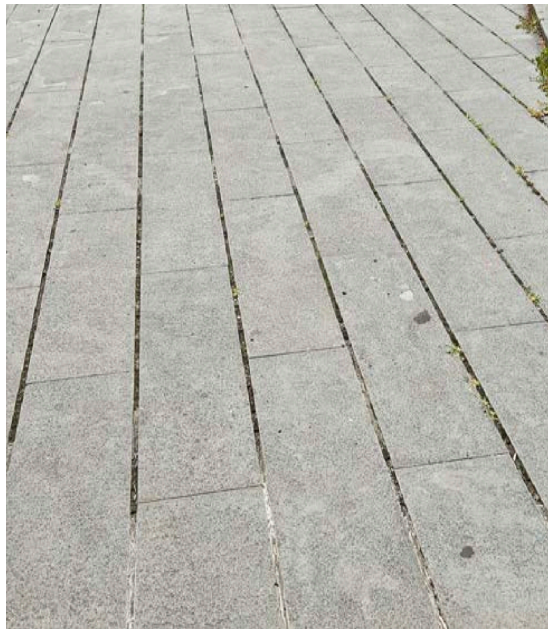


NYC Parks



Prospect Park

Lakeshore Restoration | Appendix



Bluestone paver (At LeFrak)



Asphalt (at pathways)



Hex block pavement



Granite slab (at Dog Beach)



Bridle path material



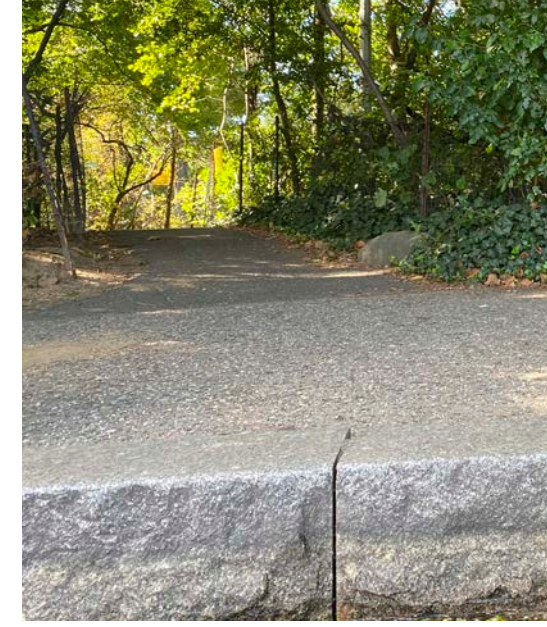
Wood Timber path and rail (at rustic bridges)



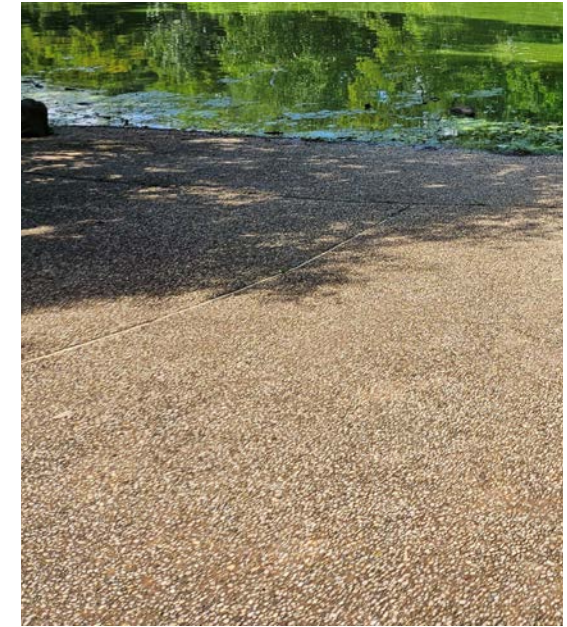
Boulders



Concrete (at rustic shelter)



Exposed aggregate concrete - gray (at Lake)



Exposed aggregate concrete - red (at Lake)



NYC Parks



Prospect Park

Lakeshore Restoration | Existing Materials Throughout Prospect Park

	Olmsted and Vaux 1865-1873	Brooklyn Park Commissioners 1874-1933		NYC Park Commissioners 1934-1987	Prospect Park Alliance/ /NYC Park Commissioners, 1987-current	
	1870s	1880-1890s	1900s	1930s-1980s	1990s	Proposed in the concept plan
Materials found in the park	Wood	Wood	Wood	Wood	Wood	Wood
	Bridle path material	Bridle path material	Bridle path material	Bridle path material	Bridle path material	Bridle path material
	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
	Bluestone • pavement	Bluestone • pavement	Bluestone • pavement • curb	Bluestone • pavement • curb	Bluestone • pavement • curb	Bluestone • pavement
	Granite bulkhead	Granite bulkhead	Granite bulkhead	Granite • bulkhead • slab	Granite slab • slab • block (wall)	Granite • slab • flagstone
		Asphalt	Asphalt	Asphalt	Asphalt	Asphalt
		Hex block	Hex block	Hex block	Hex block	Hex block
			Concrete	Concrete	Concrete	
			Brick • yellow • red	Brick • yellow • red	Brick • yellow • red	
			Cobble	Cobble	Cobble	
					Exposed Aggregate Concrete	
					Concrete cellular block	

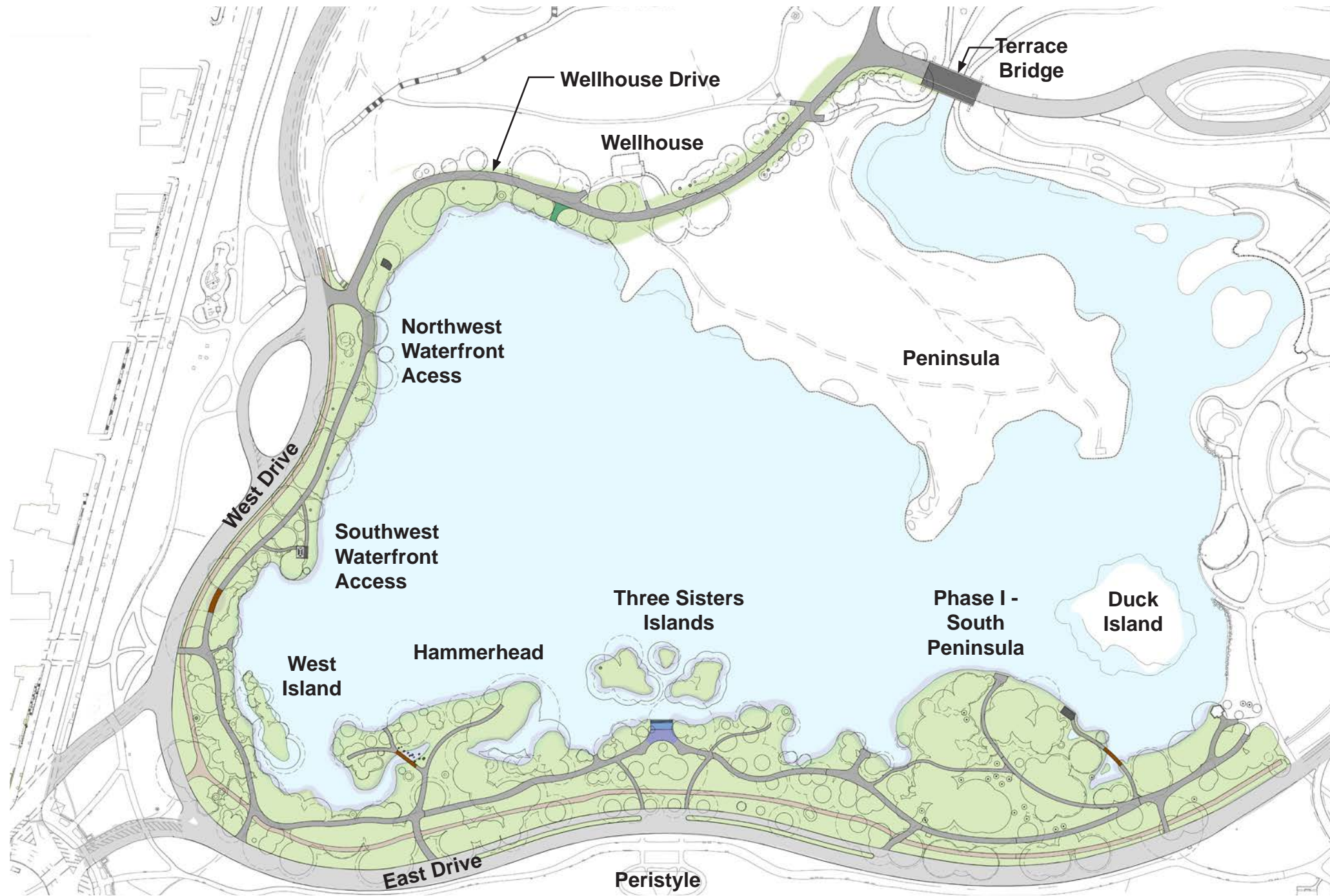


NYC Parks



Prospect Park

Lakeshore Restoration | Existing Pavement Materials Throughout History

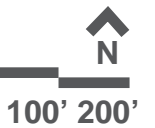


NYC Parks



Prospect Park

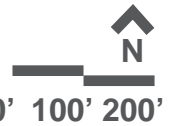
Lakeshore Restoration | Masterplan with trees





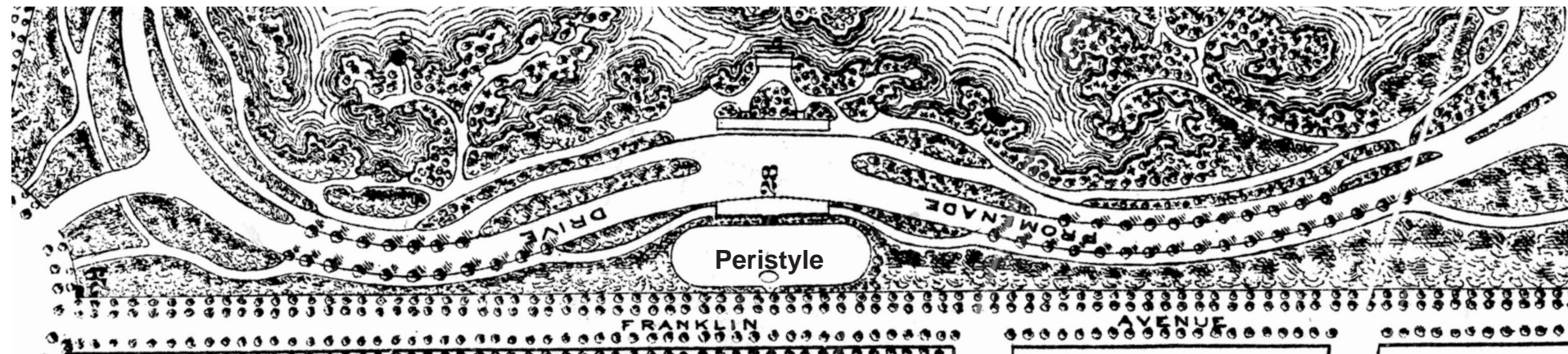
Prospect Park

Lakeshore Restoration | Dog Beach at Prospect Park





Grecian shelter constructed in 1905. Designed by McKim, Meade, & White. Located at the former Promenade Shelter in the 1874 plan.

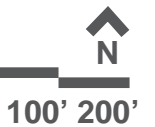


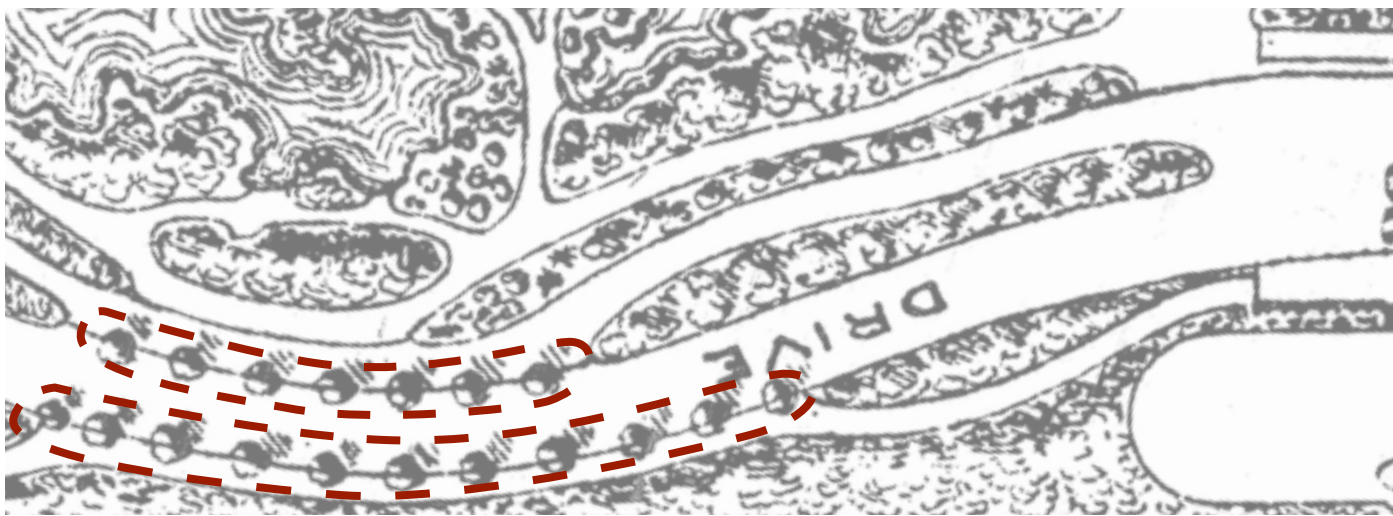
NYC Parks



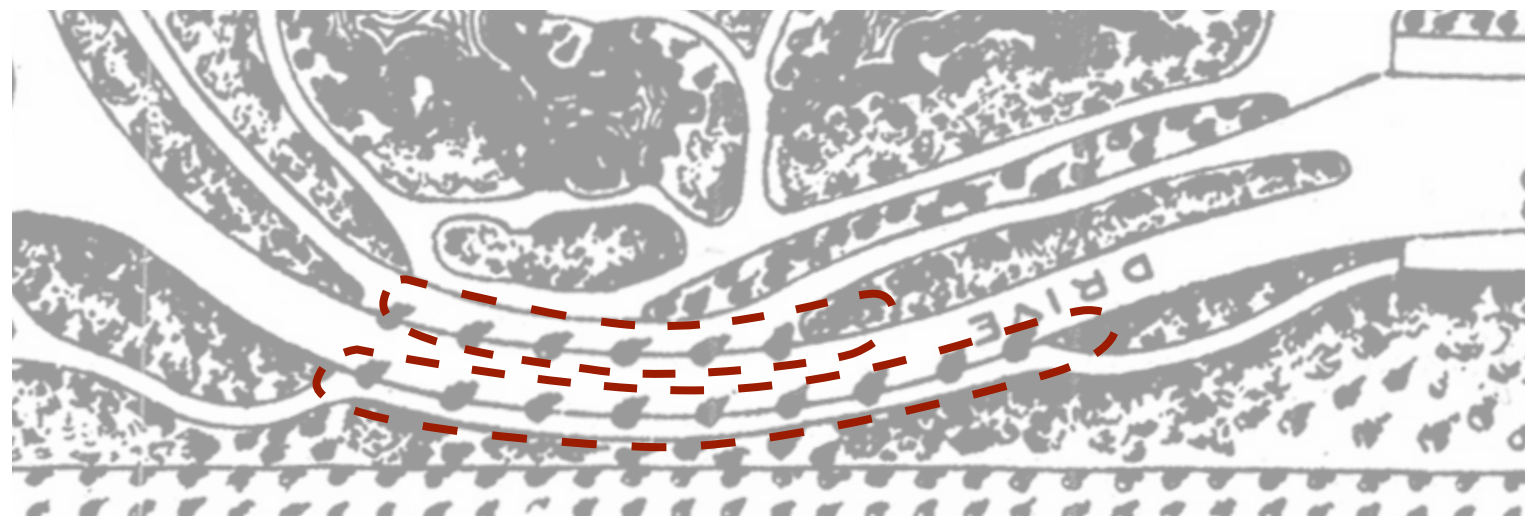
Prospect Park

Lakeshore Restoration | Peristyle at Prospect Park

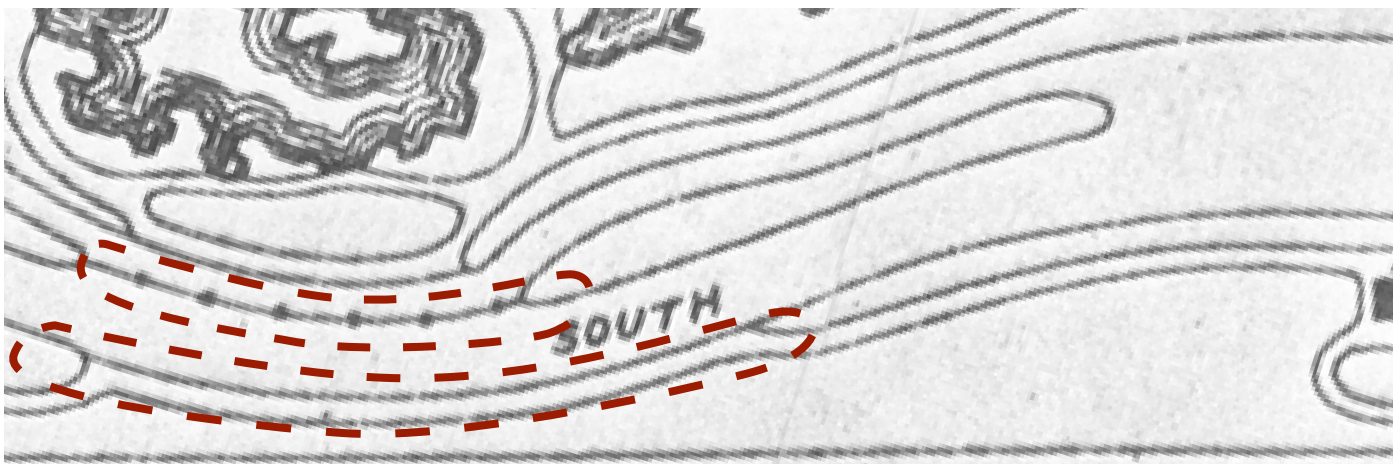




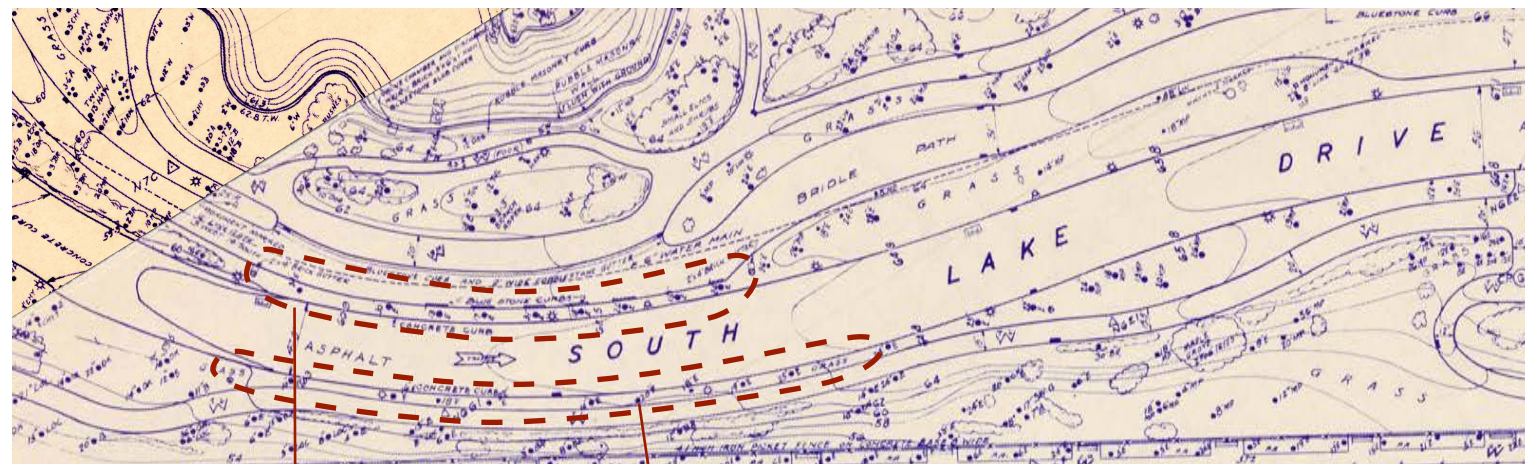
1. 1874 Plan



2. 1888 Plan



3. 1909 Plan



4. 1935 Plan

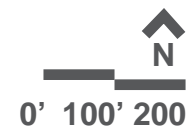


In the 1900s, curbing was added to separate the lanes and planting area. The bridle path and the Drive are no longer abutting each other as shown in the 1874, 1888, and 1909 plans.



Prospect Park

Lakeshore Restoration | Historic Plan Comparison on East Drive





Prospect Park

Lakeshore Restoration | Walls along path towards under Terrace Bridge

March 19, 2024
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