

July 30, 2024 Public Hearing

## The current proposal is: <u>Preservation Department – Item 1, LPC-24-11791</u> Central Park – Harlem Meer – Scenic Landmark

## **Borough of Manhattan**

To testify virtually, please join Zoom

Webinar ID: 869 4840 6655 Passcode: 412825 By Phone: 646-558-8656 (NY) 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.

# **RESTORATION OF THE HARLEM MEER SHORELINE** MASTER PLAN



# JULY 30TH, 2024













110th Street



#### LOCATION MAP & PROJECT AREA HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 2



Lasker Pool | September 24th, 2021



Harlem Meer Center | May 20th, 2024

Harlem Meer Center upon completion





#### HARLEM MEER CENTER HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 3

# **PROJECT GOALS**







**Continued restoration** of the Harlem Meer and shoreline to its **historic** character

Support wildlife habitat through naturalizing the shoreline and expanding the waterbody surface

playgrounds



## **Improve ADA access** to the waterfront and Park programs including the Harlem Meer Center, Dana Center, and

HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 4

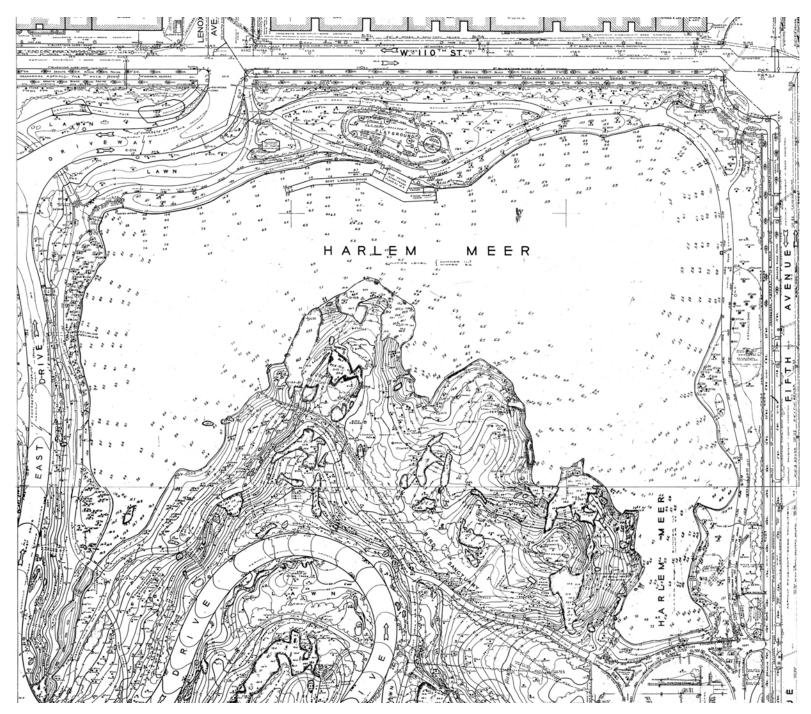


Harlem Meer Shoreline | Late 19th Century

Harlem Meer Bogart Plan | 1873





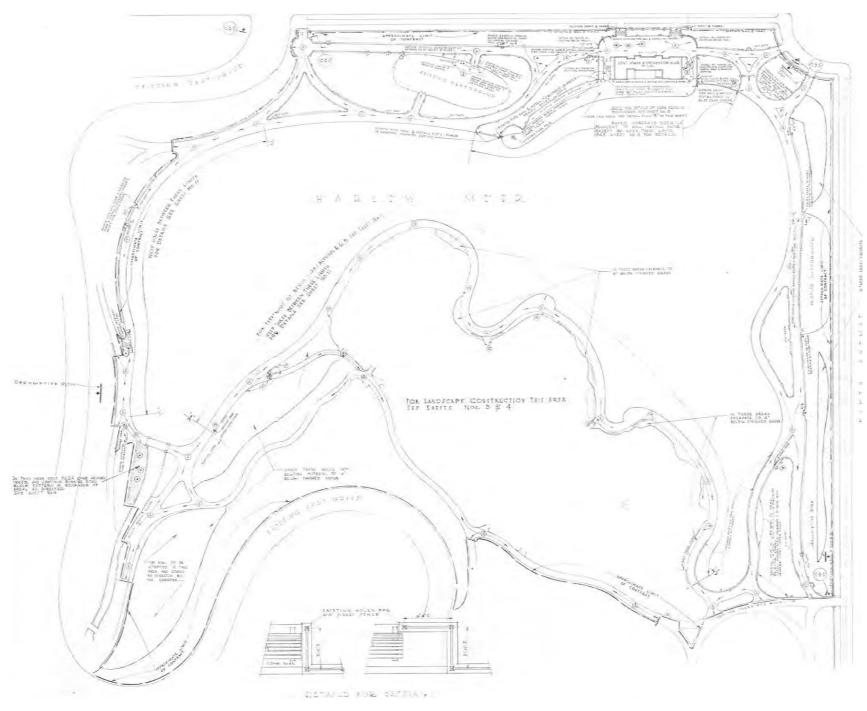


Boathouse and Harlem Meer Shoreline | Late 1920s

Harlem Meer Survey | 1934









Shoreline Path, Perimeter Fencing, and Boathouse | 1947

Harlem Meer Parks Department Plan | 1945







Lasker Pool and Rink | c. 1960's

Lasker Pool and Rink Model | c. 1960's







HARLEM MEER DETERIORATION | 1980'S HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 9

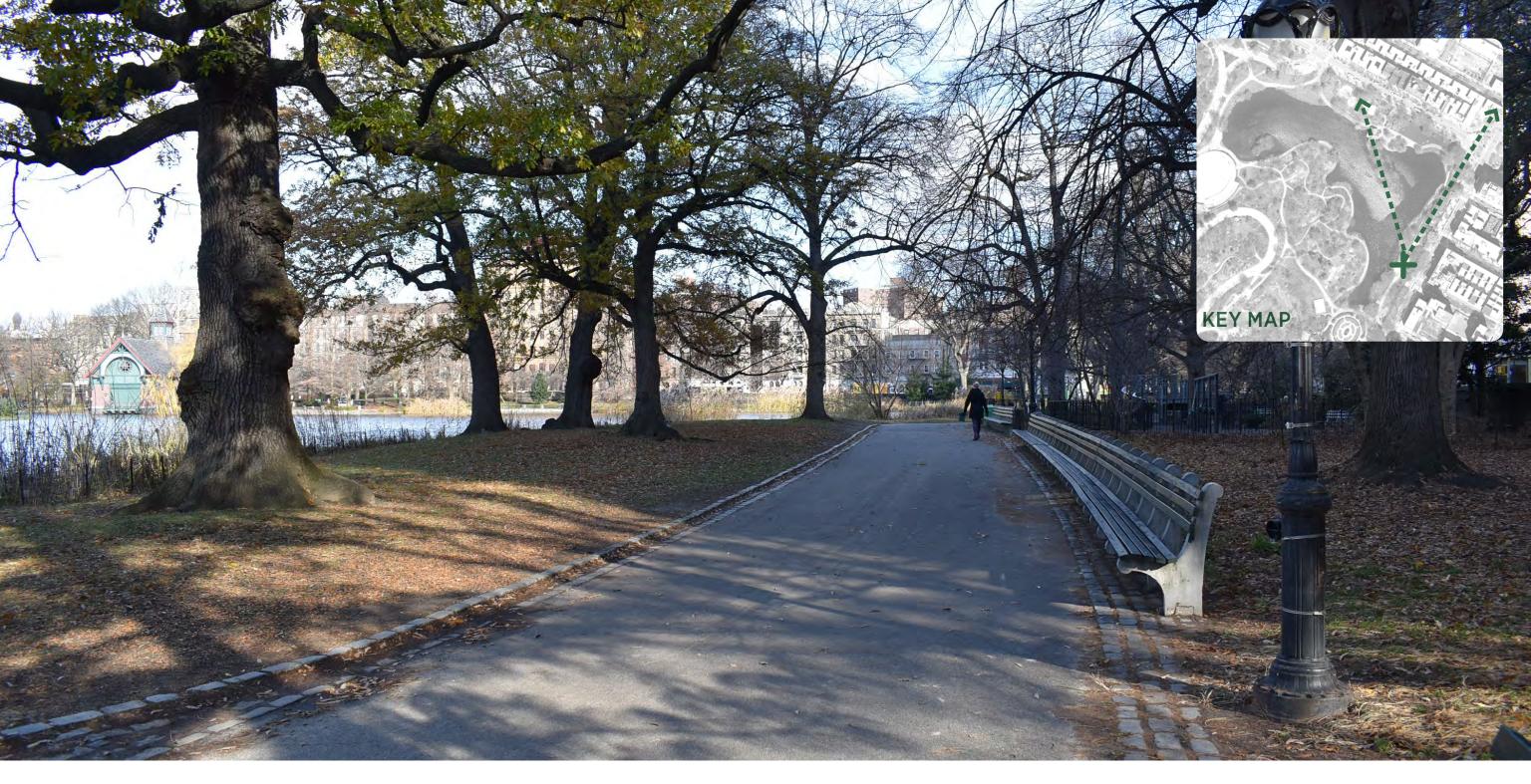




#### HARLEM MEER TODAY - CHARLES A. DANA DISCOVERY CENTER HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 10











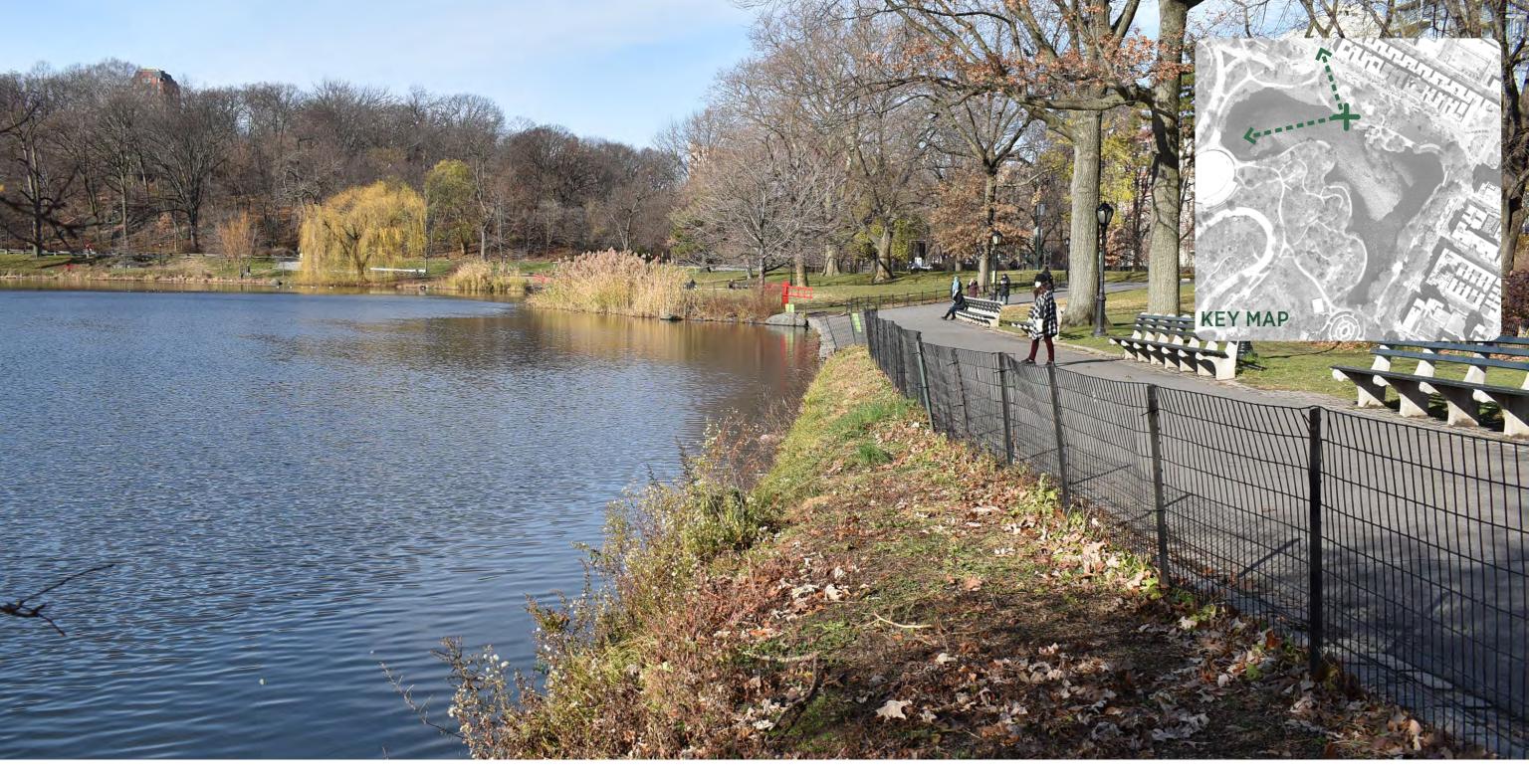






















### PRE-EXISTING HARLEM MEER CONDITIONS | 2018 HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 18

NORTHWEST H ACCESSIBILITY AND PATH RESTORATION

HARLEM MEER CENTER H **BOARDWALK AND** SOUTH SHORELINE





#### HARLEM MEER SHORELINE RESTORATION PHASES HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 19

SOUTHEAST COVE AND

→ SOUTH SHORELINE AND BOARDWALK

#### I EAST SHORELINE





#### ACCESSIBILITY TO **110TH STREET**

#### ACCESSIBILITY TO DUKE ELLINGTON CIRCLE

**I ACCESSIBILITY TO** E106TH STREET

#### HARLEM MEER SHORELINE RESTORATION ACCESSIBILITY HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 20







NORTH

#### **KEY MAP**



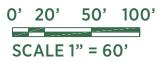
#### LEGEND

Site Boundary Bench Light Post ¢

## **EXISTING NORTHWEST SHORELINE PHASE** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 21

110th Street ADA accessible ramp adjacent to existing path X Realign and regrade path intersection to make accessible Replace wood and concrete benches with settees East Drive Replace granite block gutter with sloping or flush granite block curb I Relocate light post Reconstruct stairs Replace asphalt path, full depth Harlem Meer







#### **KEY MAP**



#### LEGEND

	Restored Landscape
[]]	Site Boundary
	Bench
¢	Light Post

Relocated Light Post



## **PROPOSED NORTHWEST SHORELINE PHASE** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 22



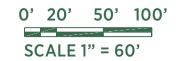
Bogart Plan | 1873



Existing | 1990's Restoration







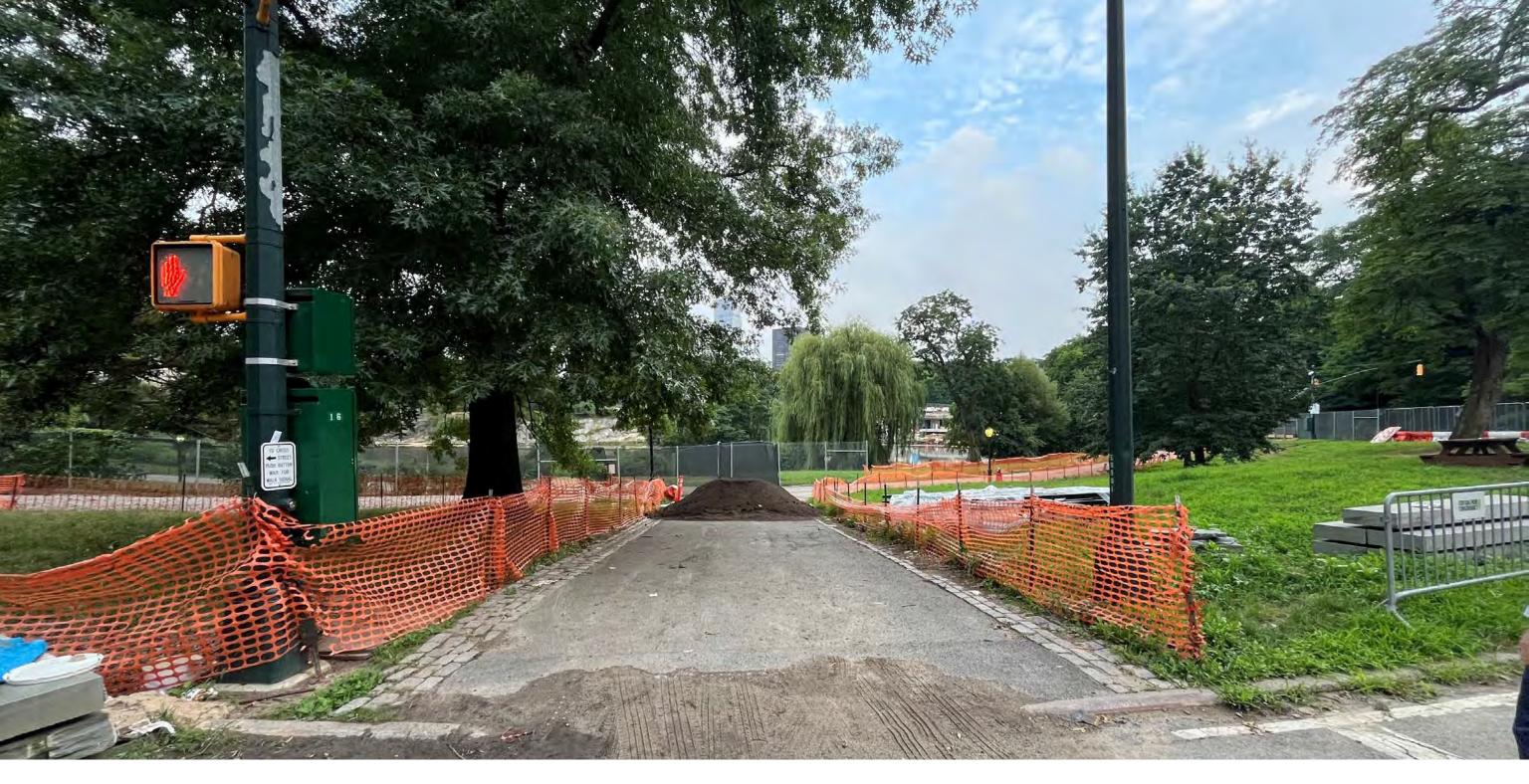


#### PLAN COMPARISON HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 23





#### NORTHWEST PHASE - ACCESSIBLE PATH SECTION HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 24





#### EXISTING CONDITIONS AT NORTHWEST RAMP HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 25



Granite steps at asphalt path



Asphalt paving with vertical or flush granite block curb



Asphalt paving with sloping granite block curb



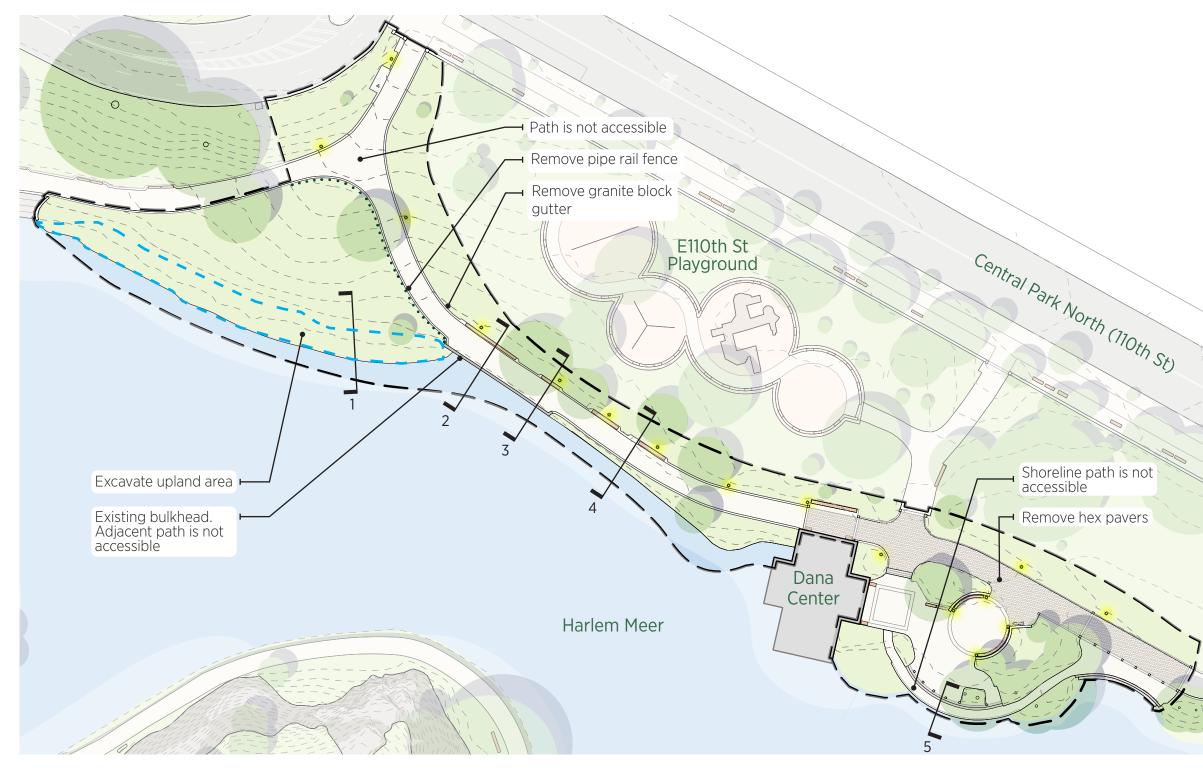
ADA accessible asphalt ramp adjacent to asphalt path - round steel handrail, painted black finish - rectangular asphalt block landings - granite curbing

Handrail at reconstructed stairs - round steel, painted black finish





#### MATERIALS PALETTE HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 26







NORTH

#### **KEY MAP**

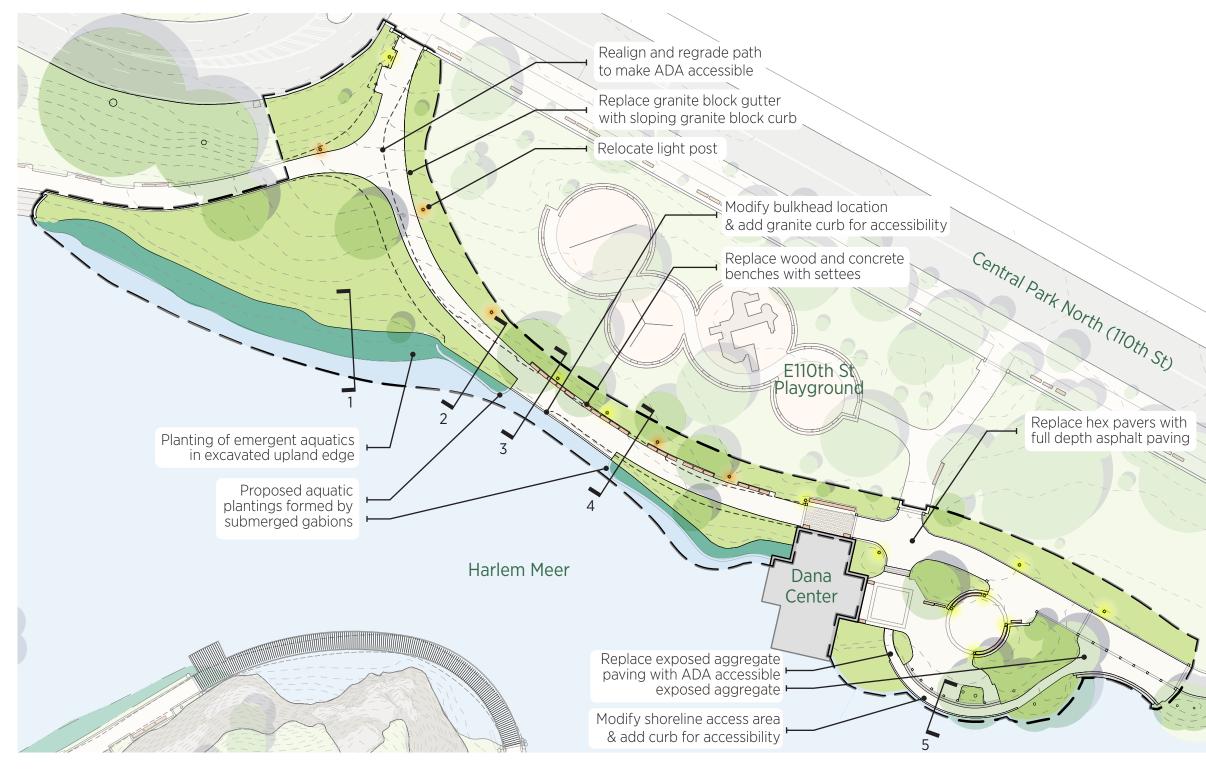


#### LEGEND

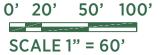
¢

Site Boundary Bench Light Post

#### **EXISTING NORTH SHORELINE ENLARGEMENT PLAN** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 27







NORTH

#### **KEY MAP**



#### LEGEND

	Restored Landscape
	Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post
¢	Relocated Light Post

#### **PROPOSED NORTH SHORELINE ENLARGEMENT PLAN** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 28



Bogart Plan | 1873



Existing | 1990's Restoration

Proposed

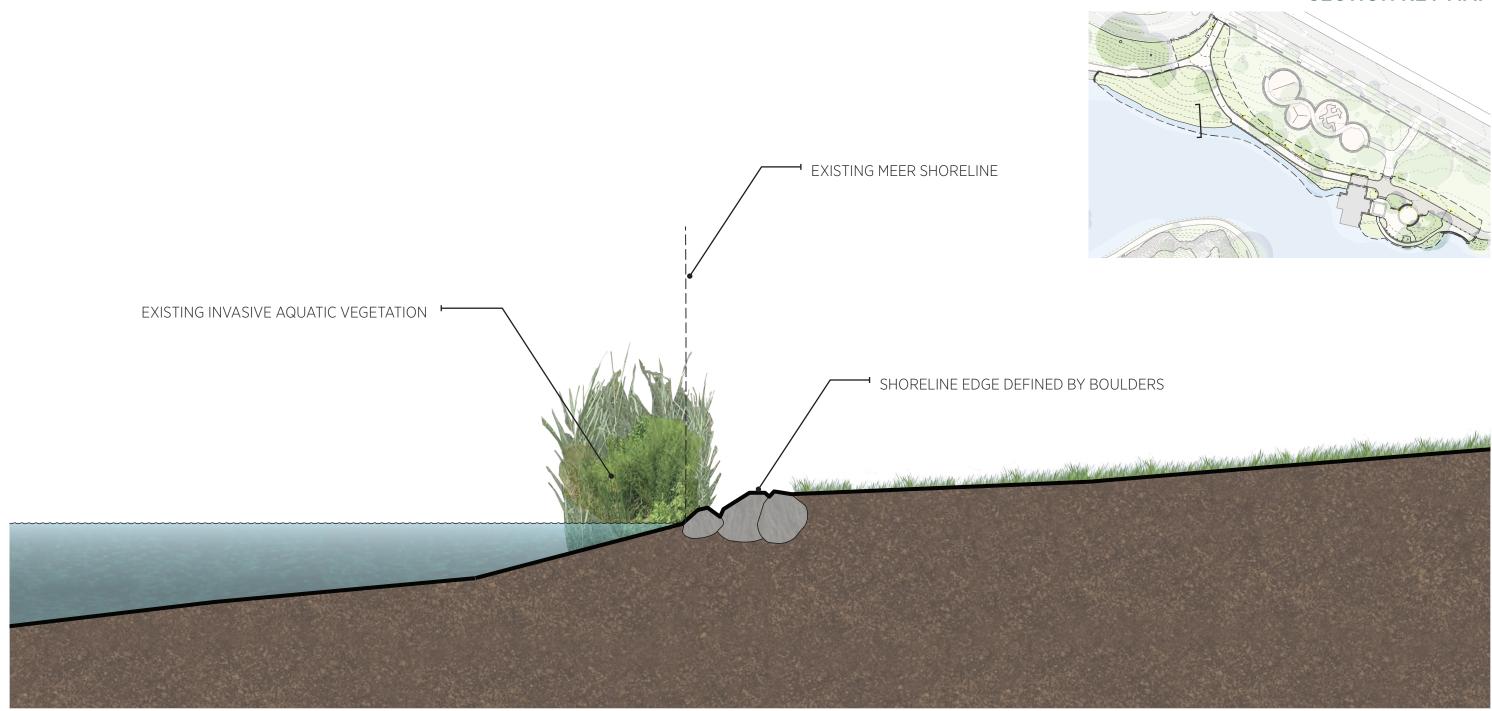






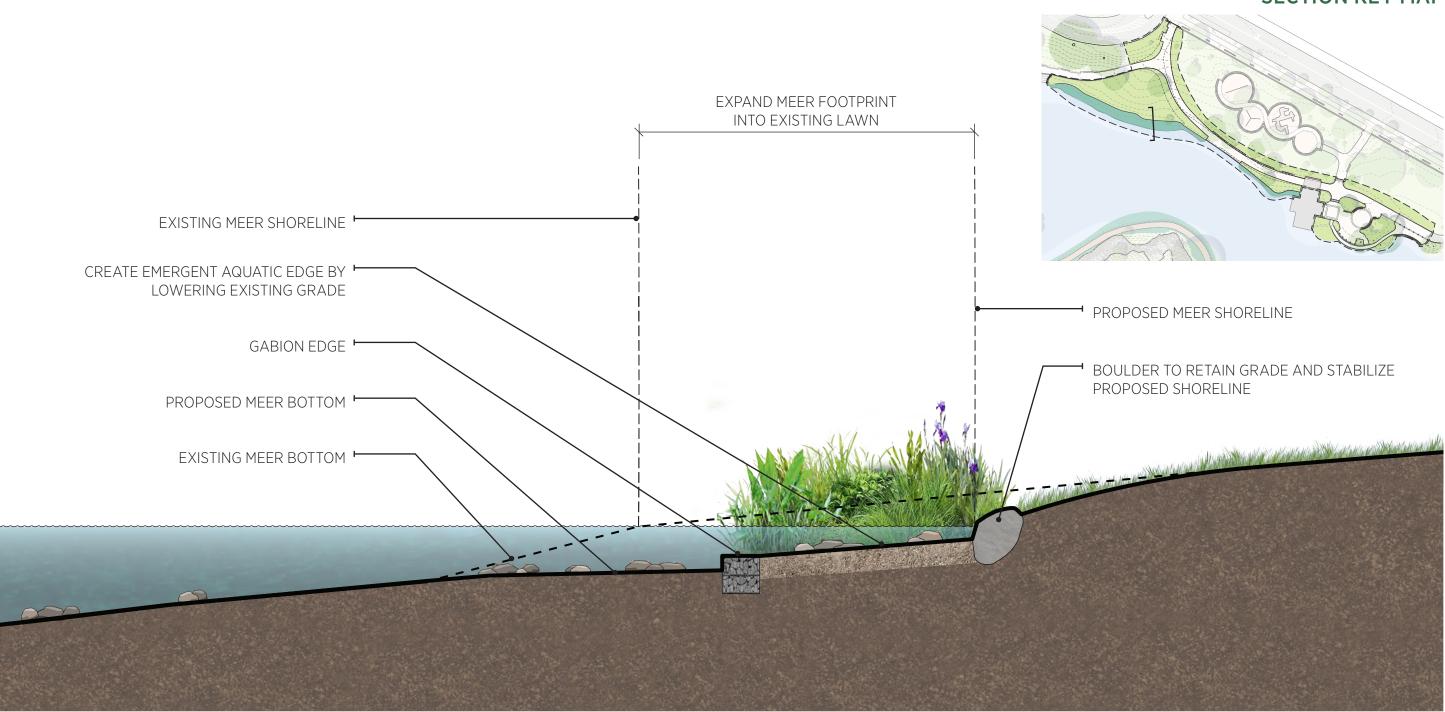


#### PLAN COMPARISON HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 29



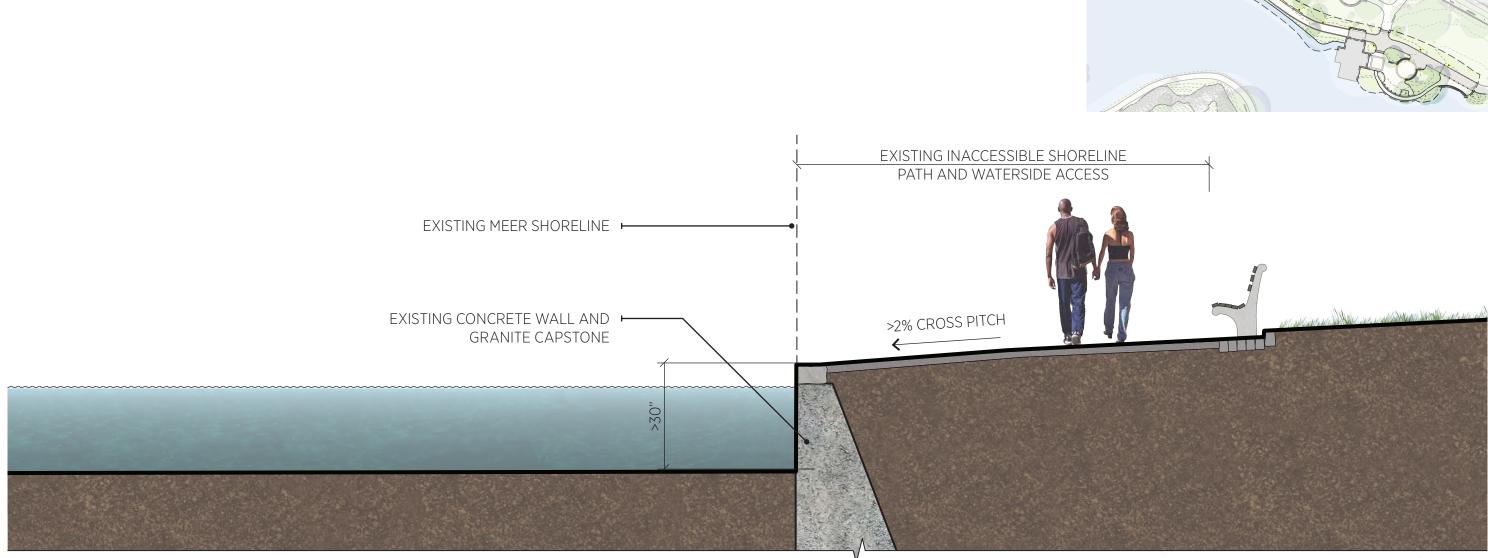


#### **EXISTING NORTH SHORELINE SECTION 1** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 30





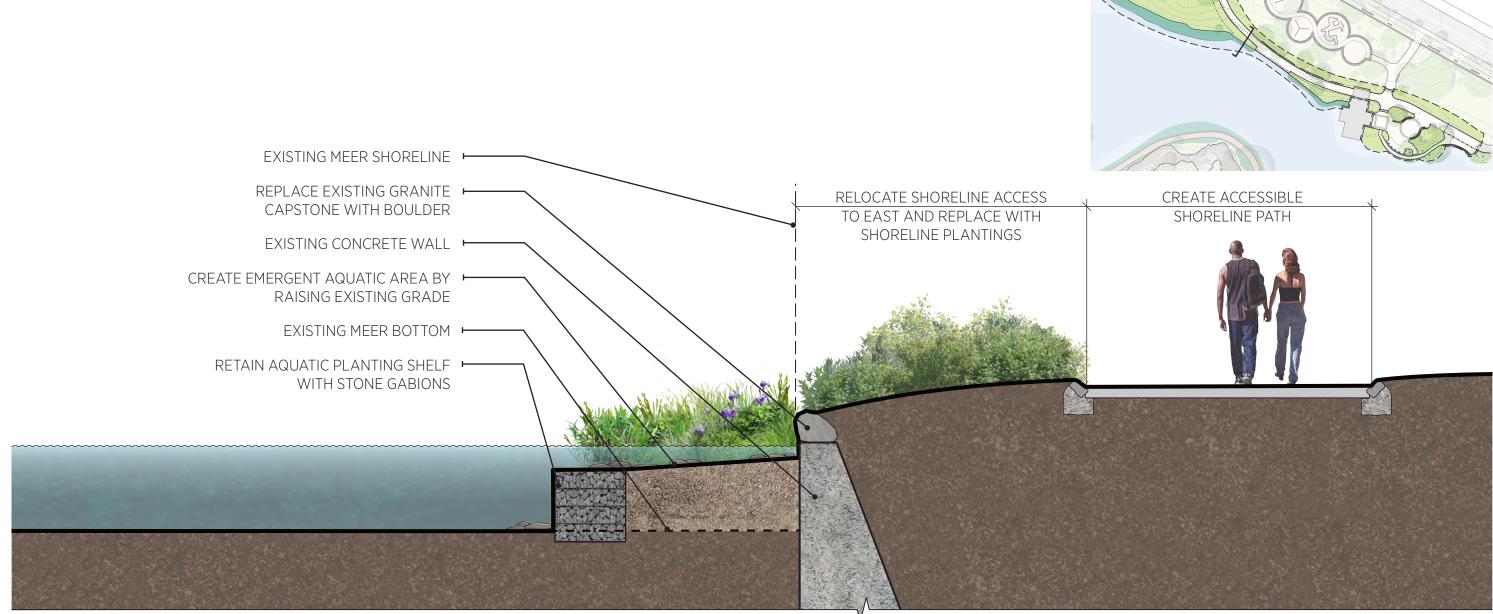
#### **PROPOSED NORTH SHORELINE SECTION 1** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 31







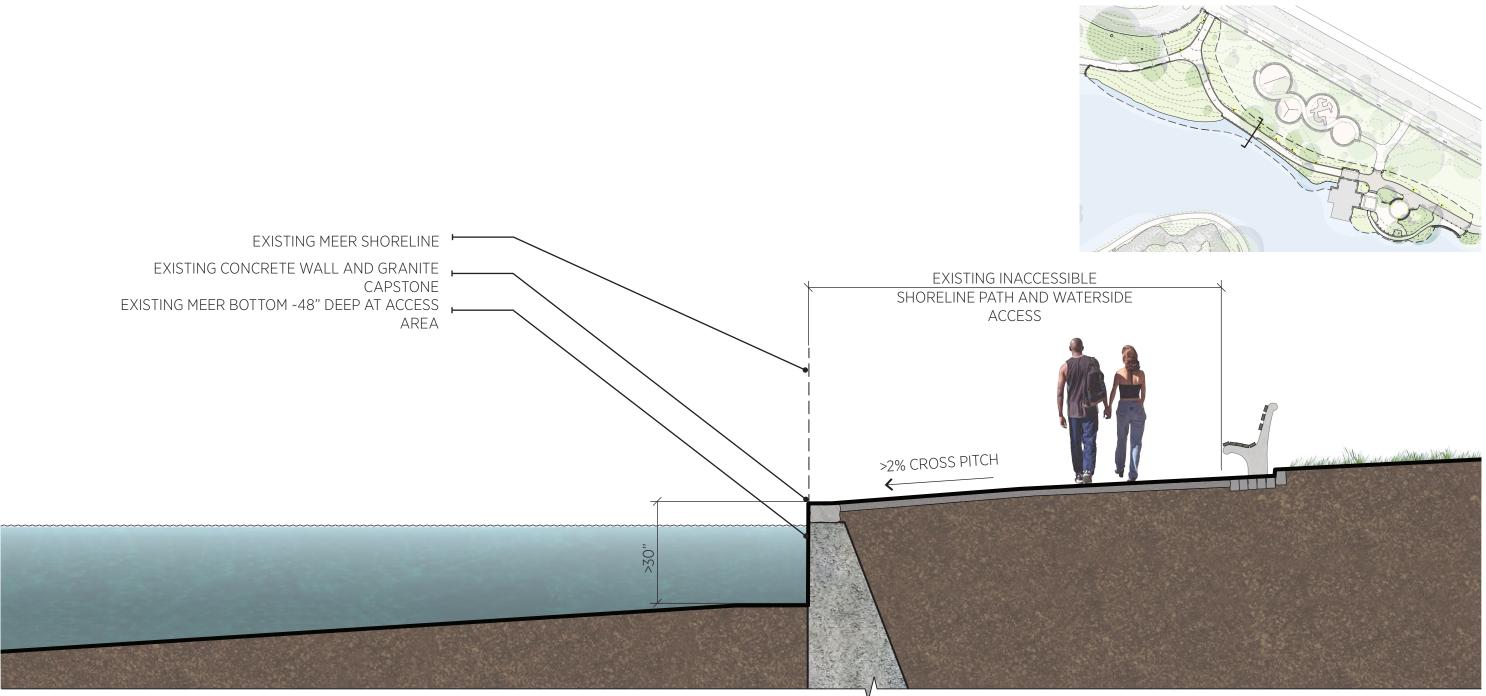
#### **EXISTING NORTH SHORELINE SECTION 2** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 32







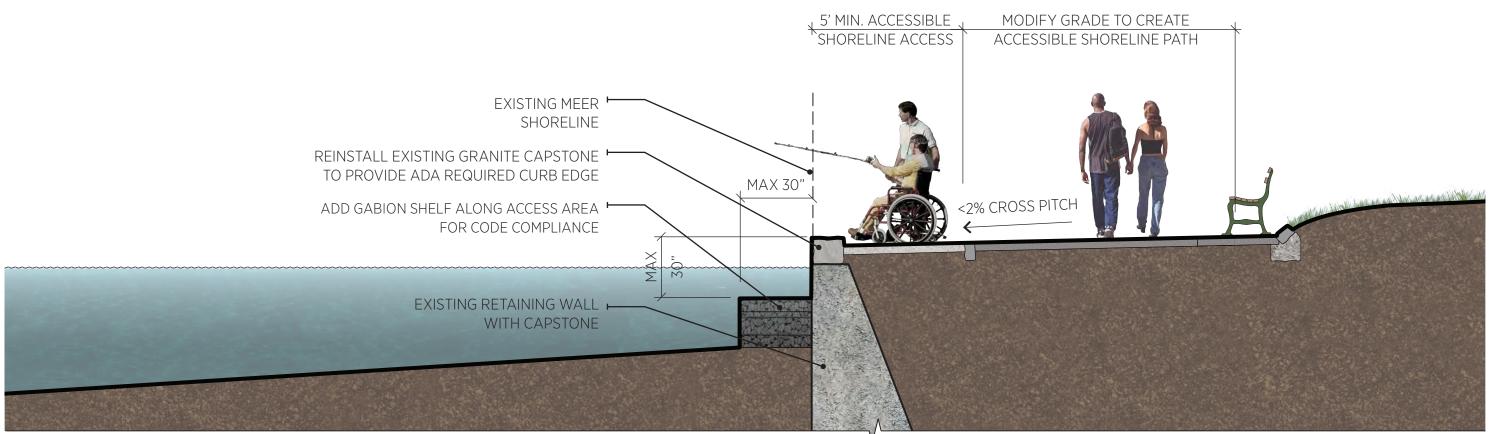
#### **PROPOSED NORTH SHORELINE SECTION 2** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 33





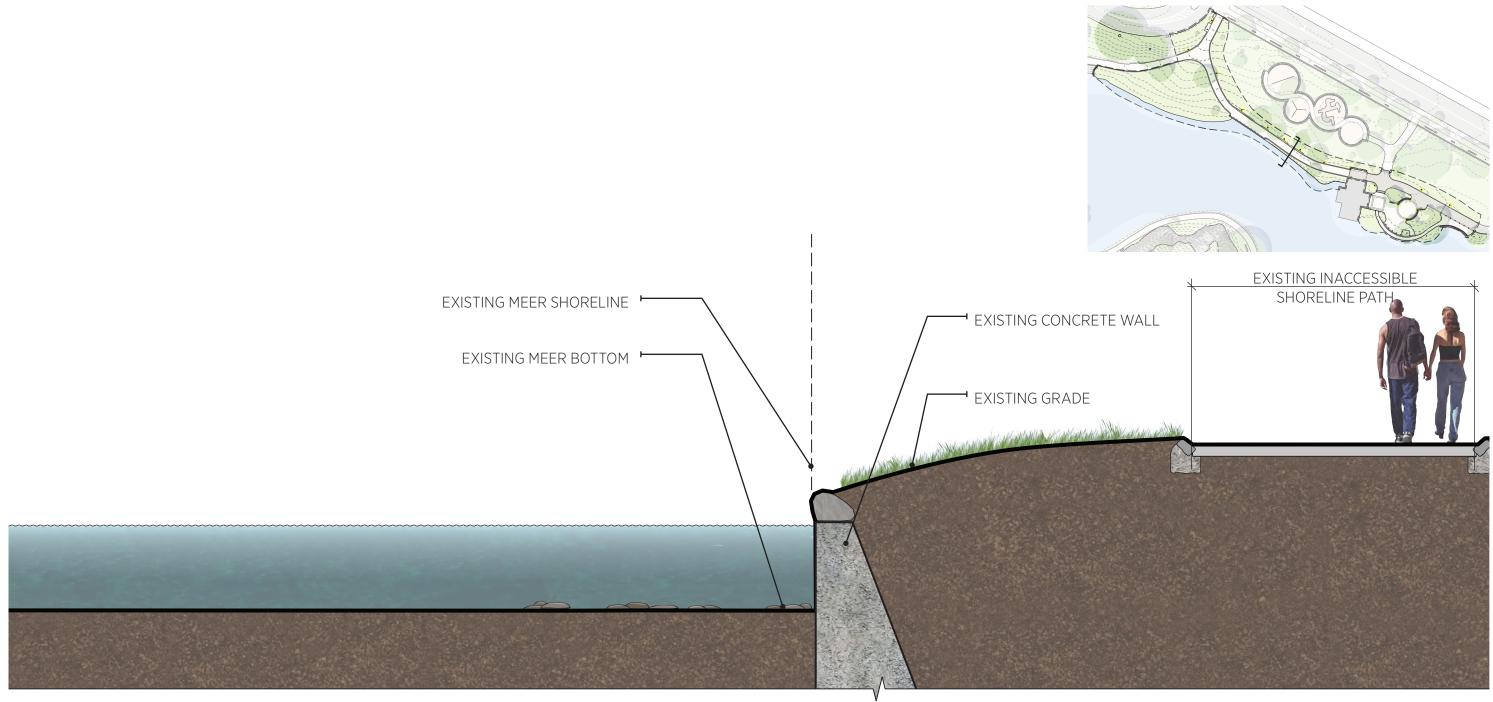
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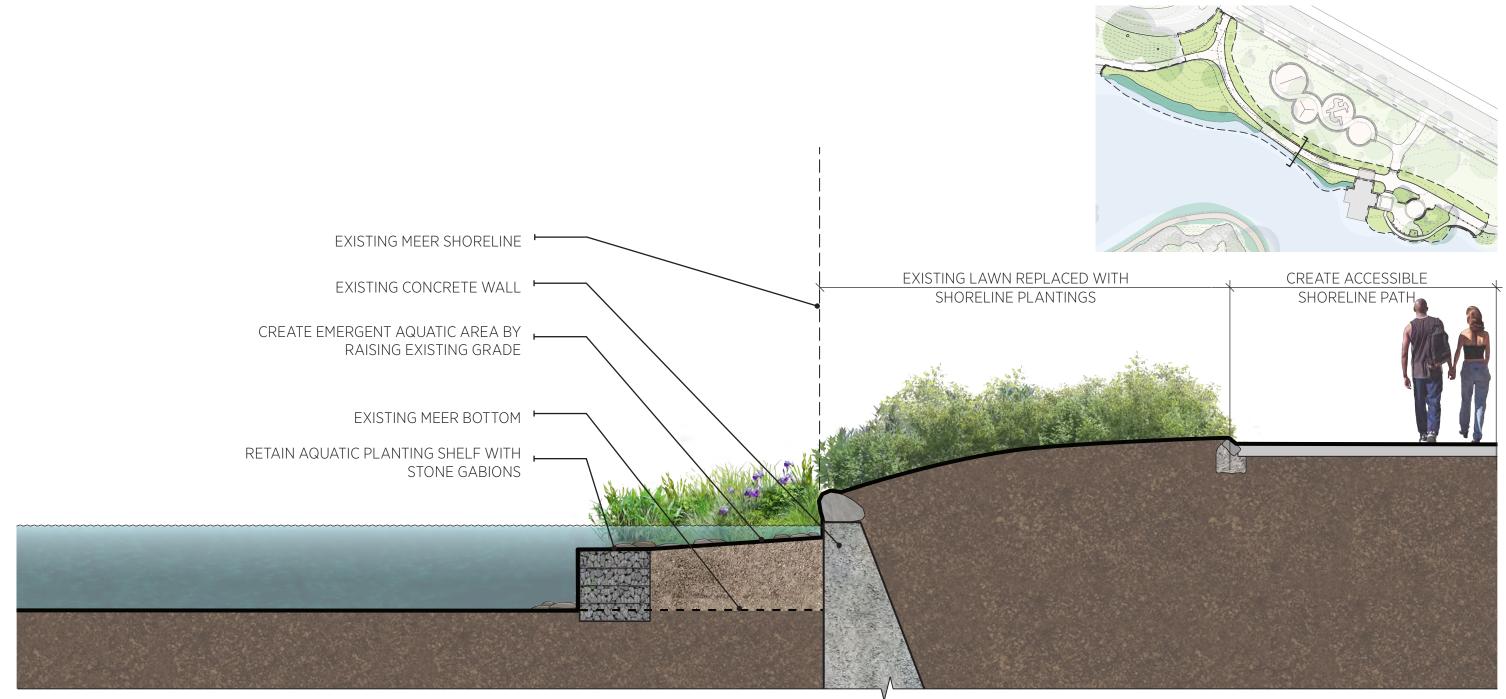


#### **PROPOSED NORTH SHORELINE SECTION 3** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 35





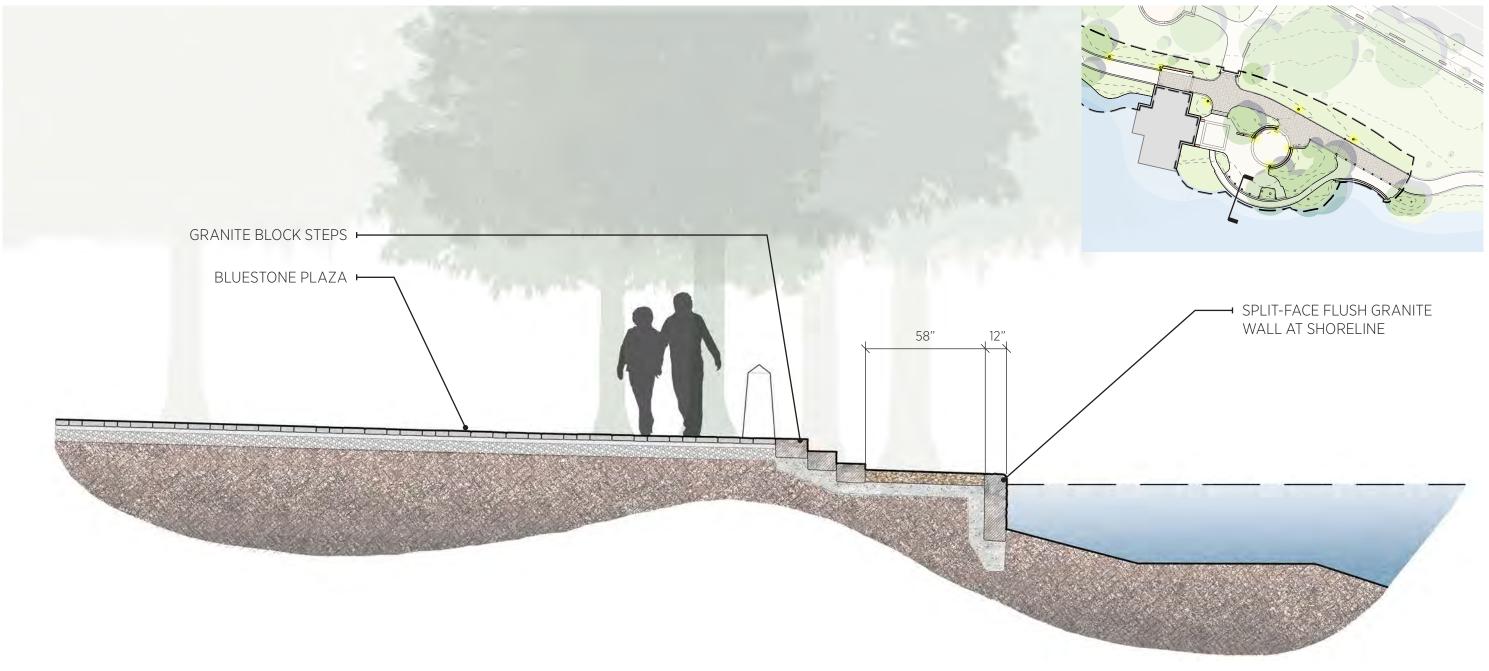
### **EXISTING NORTH SHORELINE SECTION 4** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 36







### **PROPOSED NORTH SHORELINE SECTION 4** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 37





### **EXISTING DANA CENTER OVERLOOK SECTION 5** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 38

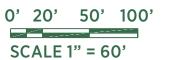




### **PROPOSED DANA CENTER OVERLOOK SECTION 5** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 39







NORTH



### **KEY MAP**



### LEGEND

	Invasive Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post

### **EXISTING EAST SHORELINE ENLARGEMENT PLAN** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 40







NORTH



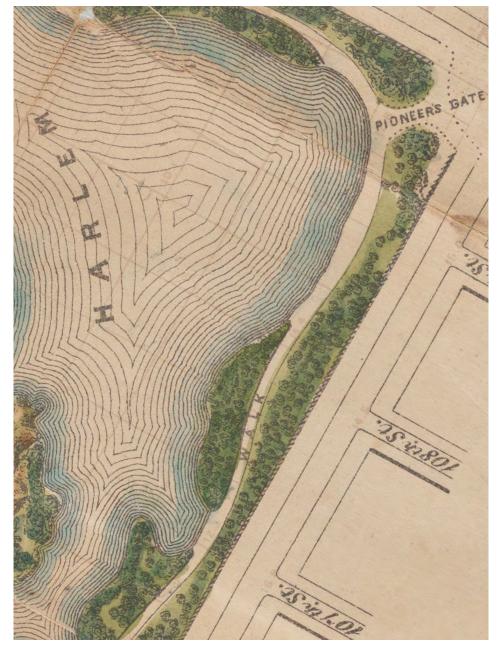
### **KEY MAP**



### LEGEND

	Restored Landscape
	Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post
¢	Relocated Light Post

### EAST SHORELINE ENLARGEMENT PLAN HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 41



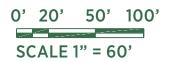
Bogart Plan | 1873



Existing | 1990's Restoration

Proposed

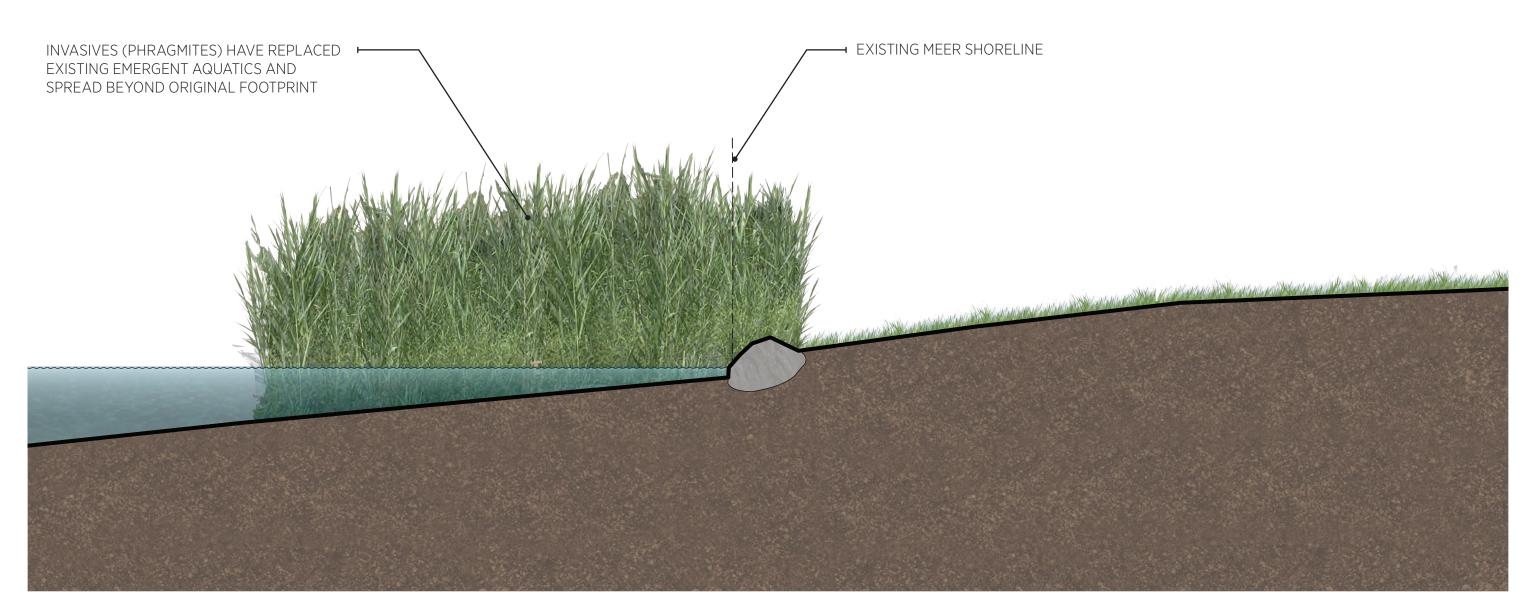






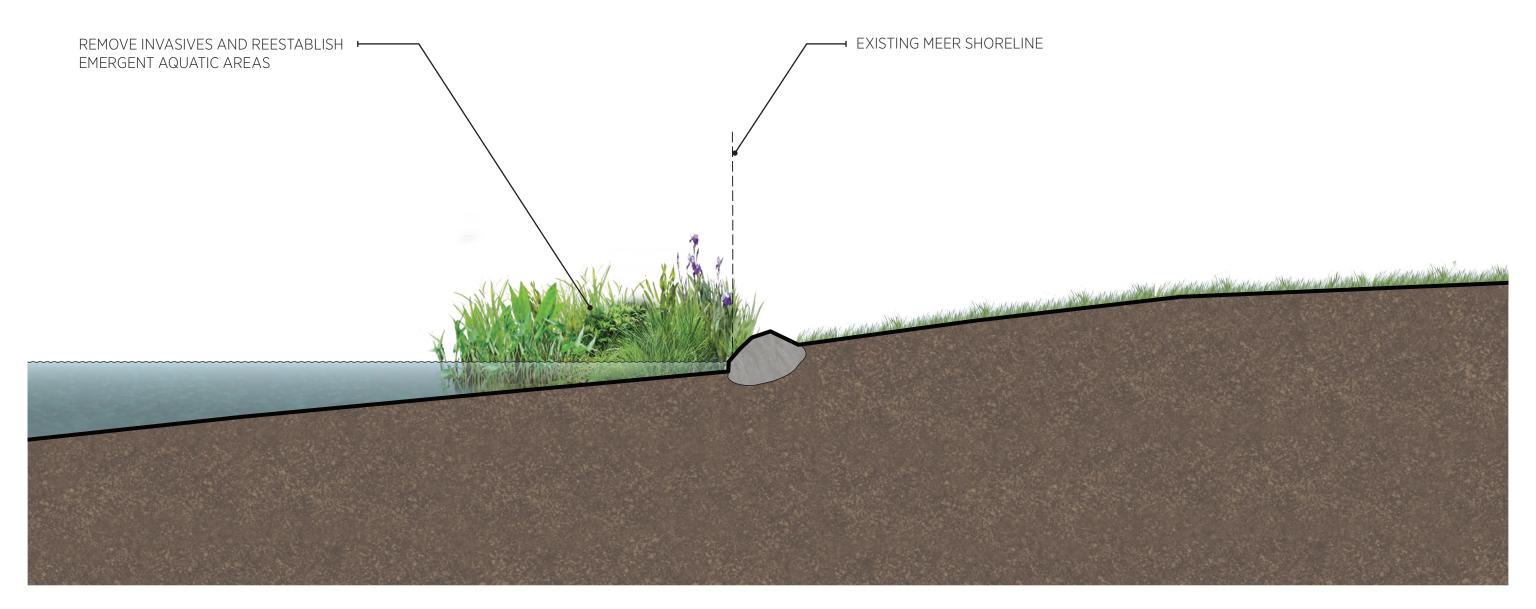


PLAN COMPARISON HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 42



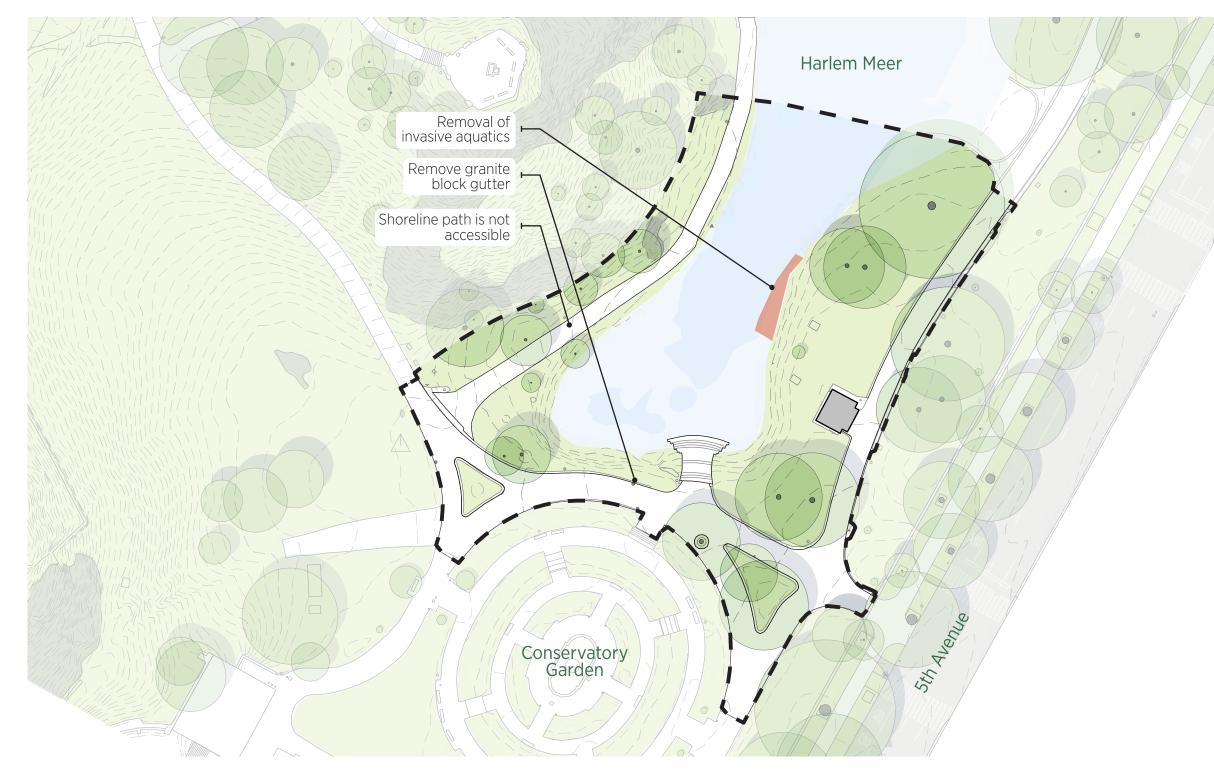


### **EXISTING SHORELINE TYPICAL SECTION** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 43

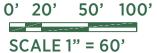




### PROPOSED SHORELINE TYPICAL SECTION HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 44

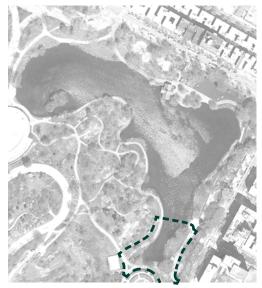








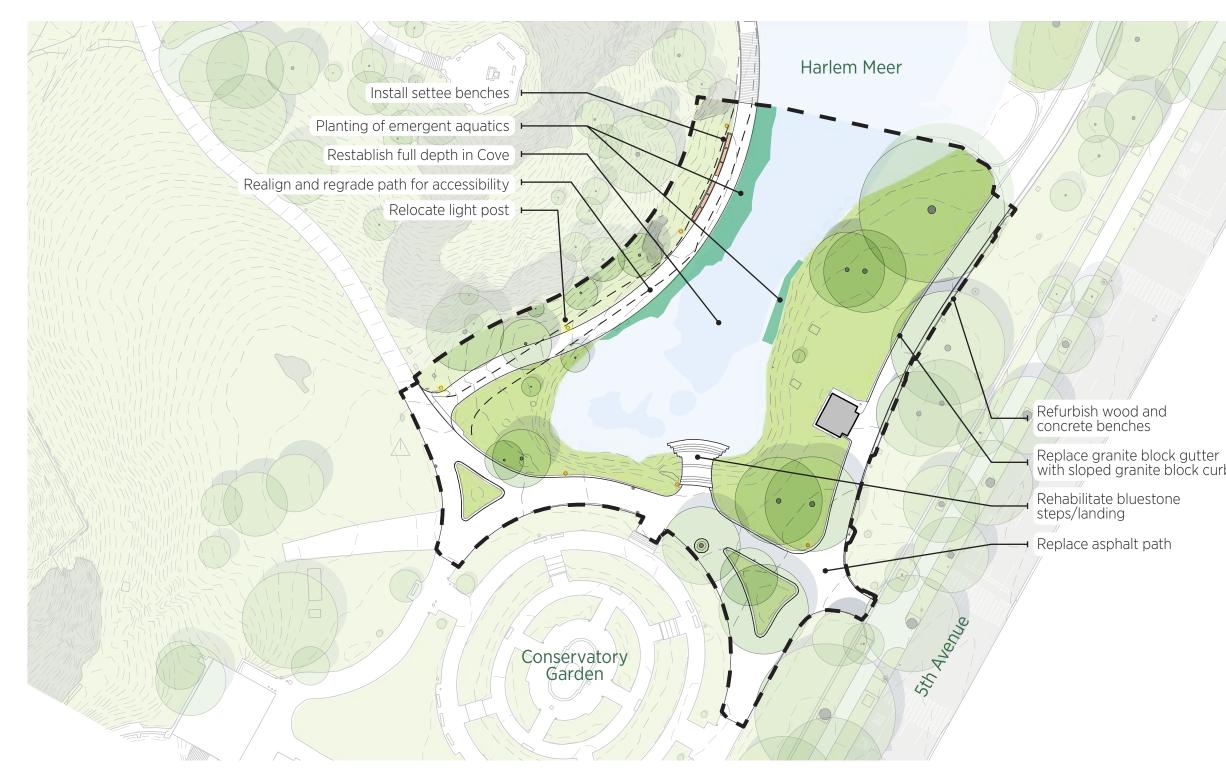
### **KEY MAP**



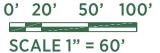
### LEGEND

Invasive Aquatic Vegetation	
Site Boundary	[]]
Bench	
Light Post	¢

### **EXISTING SOUTHEAST COVE SHORELINE ENLARGEMENT PLAN** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 45









**PROPOSED SOUTHEAST COVE SHORELINE ENLARGEMENT PLAN** 

### **KEY MAP**



### LEGEND

	Restored Landscape
	Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post
ty.	Relocated Light Post

# HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 46

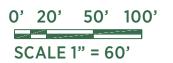


Bogart Plan | 1873

Existing | 1990's Restoration

Proposed

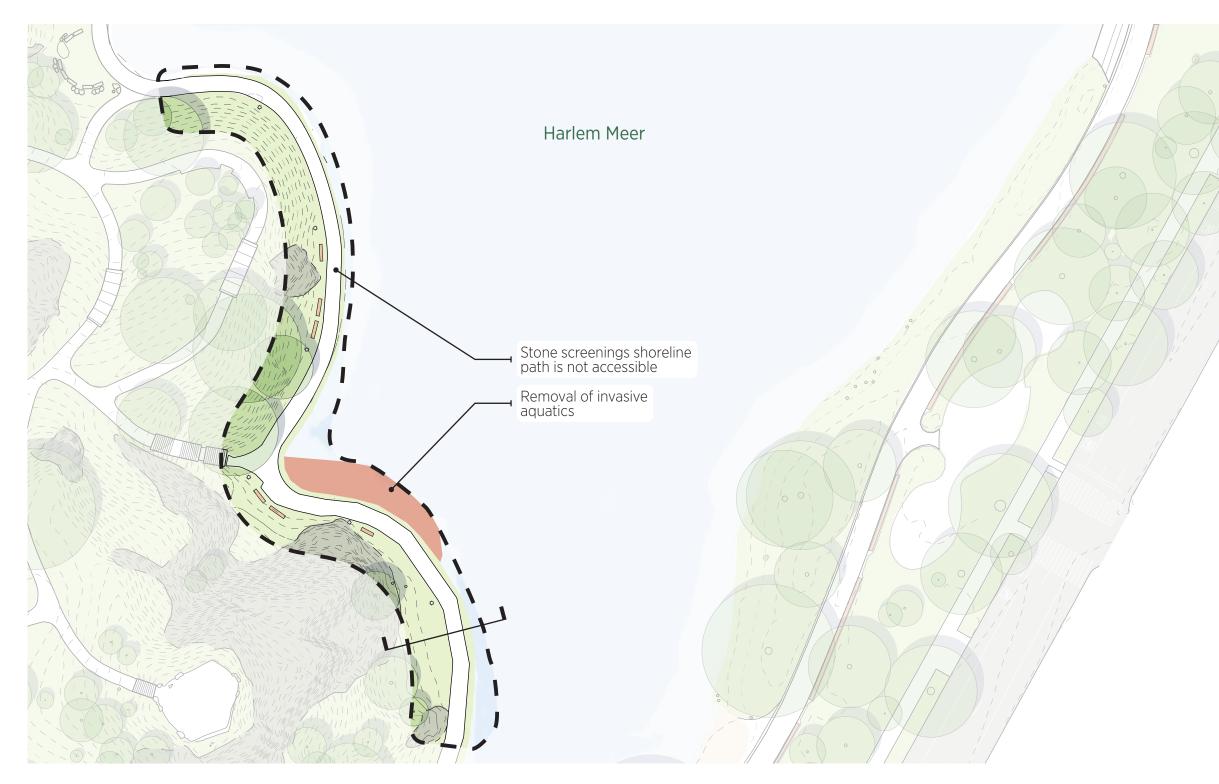




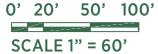




### PLAN COMPARISON HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 47









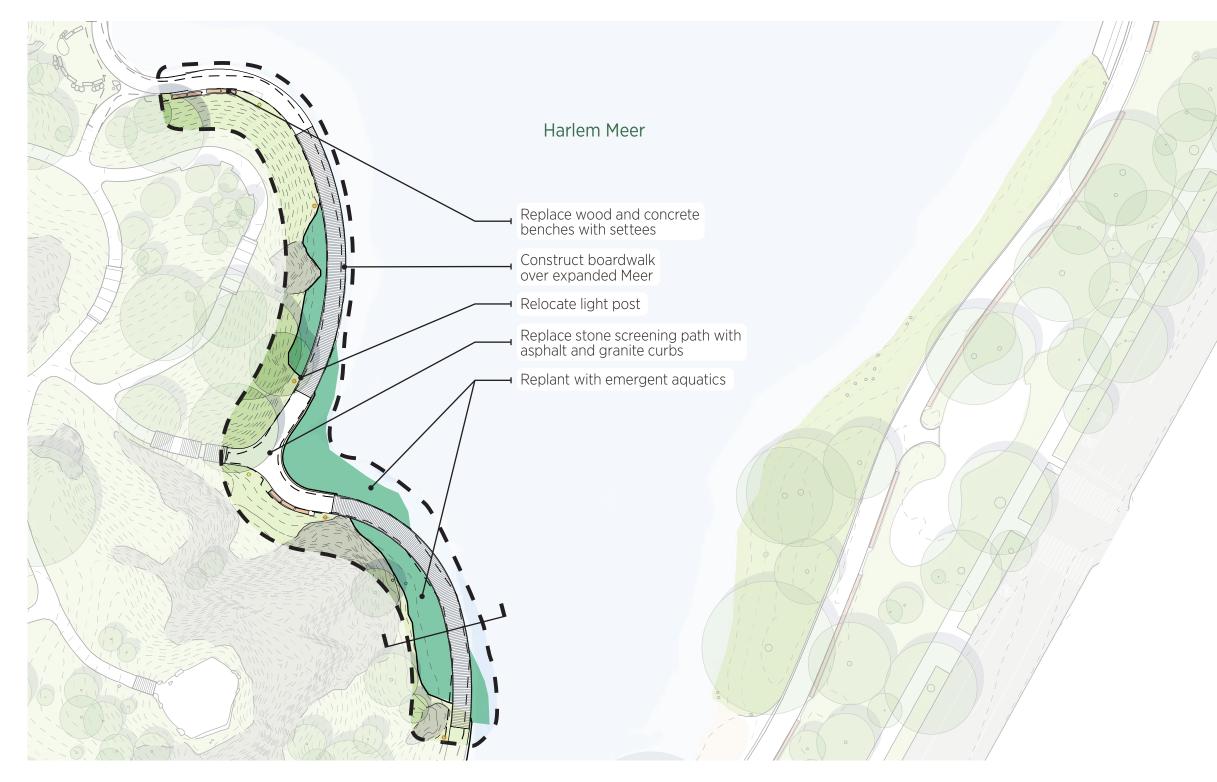
### **KEY MAP**



### LEGEND

	Invasive Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post

### **EXISTING SOUTH SHORELINE ENLARGEMENT PLAN** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 48









PROPOSED SOUTH BOARDWALK AND SHORELINE ENLARGEMENT PLAN

### **KEY MAP**



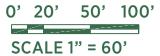
### LEGEND

	Restored Landscape
	Aquatic Vegetation
[]]	Site Boundary
	Bench
¢	Light Post
¢	Relocated Light Post

# HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 49









SOUTH SHORELINE WITHIN HARLEM MEER CENTER BAORDWALK CONTEXT



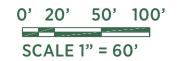


Bogart Plan | 1873

Existing | 1990's Restoration

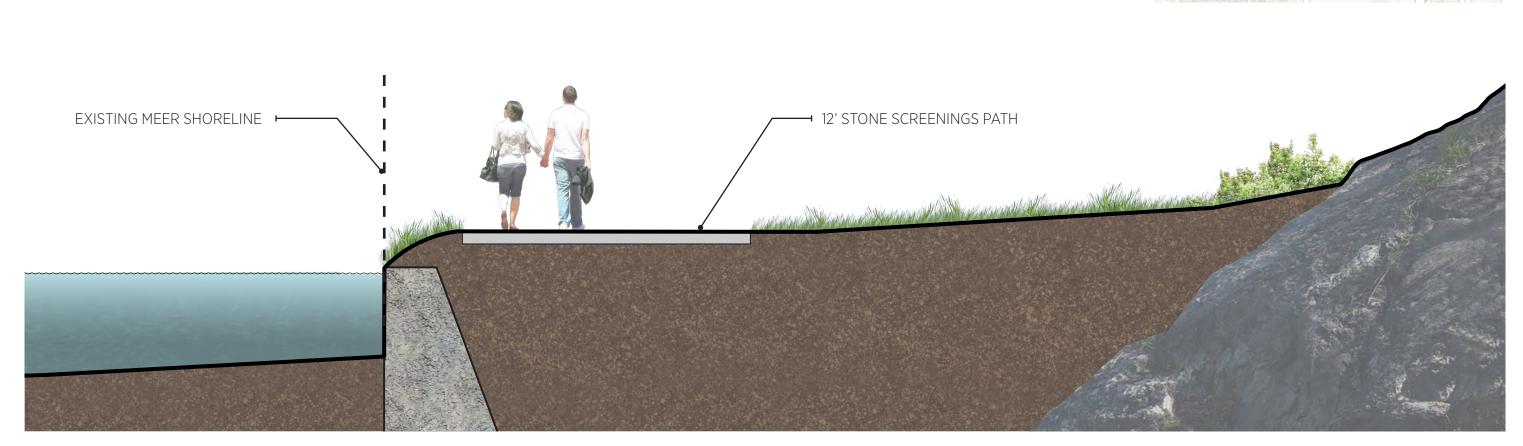
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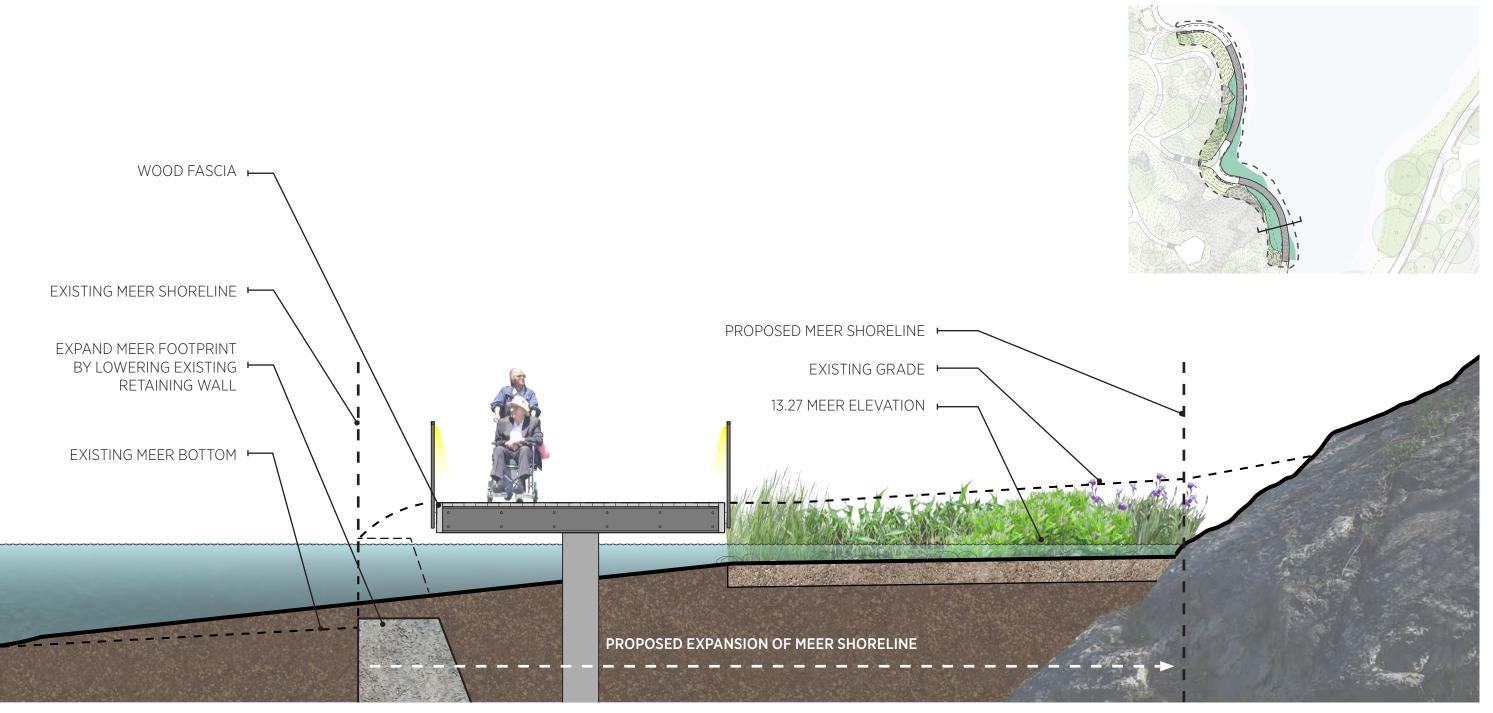
### PLAN COMPARISON HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 51







### **EXISTING SOUTH SHORELINE CONDITION - TYPICAL** HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 52





### PROPOSED SOUTH SHORELINE BOARDWALK HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 53

### SECTION KEY MAP



ADA accessible galvanized steel boardwalk gratings as installed as part of the Harlem Meer Center.

Mock-up of railing and guardrail for boardwalk.

Section and elevation detail of boardwalk railing and guardrail



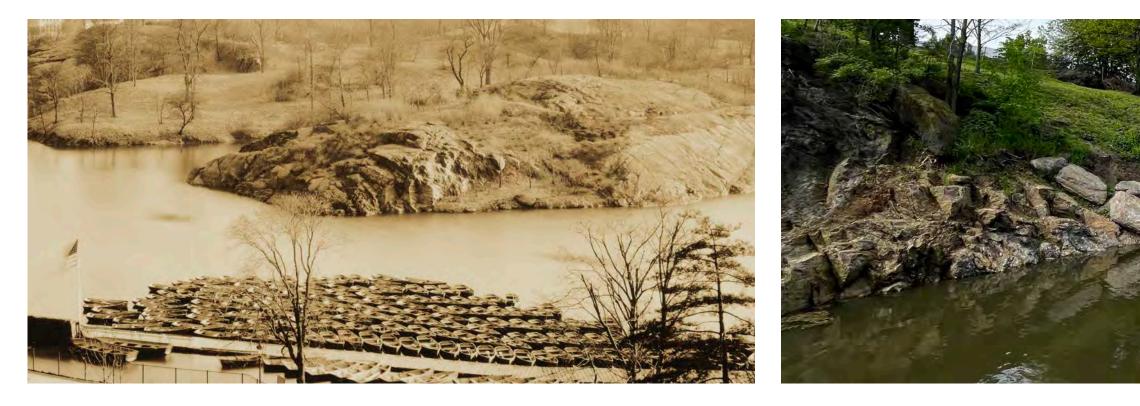
### **BOARDWALK DETAILS**

HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 54





### RENDERED PERSPECTIVE LOOKING EAST ALONG BOARDWALK HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 55



Historic view of outcrops along the southern shoreline of the Meer.

Current conditions of the Meer outcrops.



HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 56





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Central Park 6-foot settee benches with added space for companion seating



Central Park 8-foot settee benches with added space for companion seating



Refurbished wood and concrete bench



Existing World's Fair radial backless settee benches to remain



Existing World's Fair 6-foot benches to remain





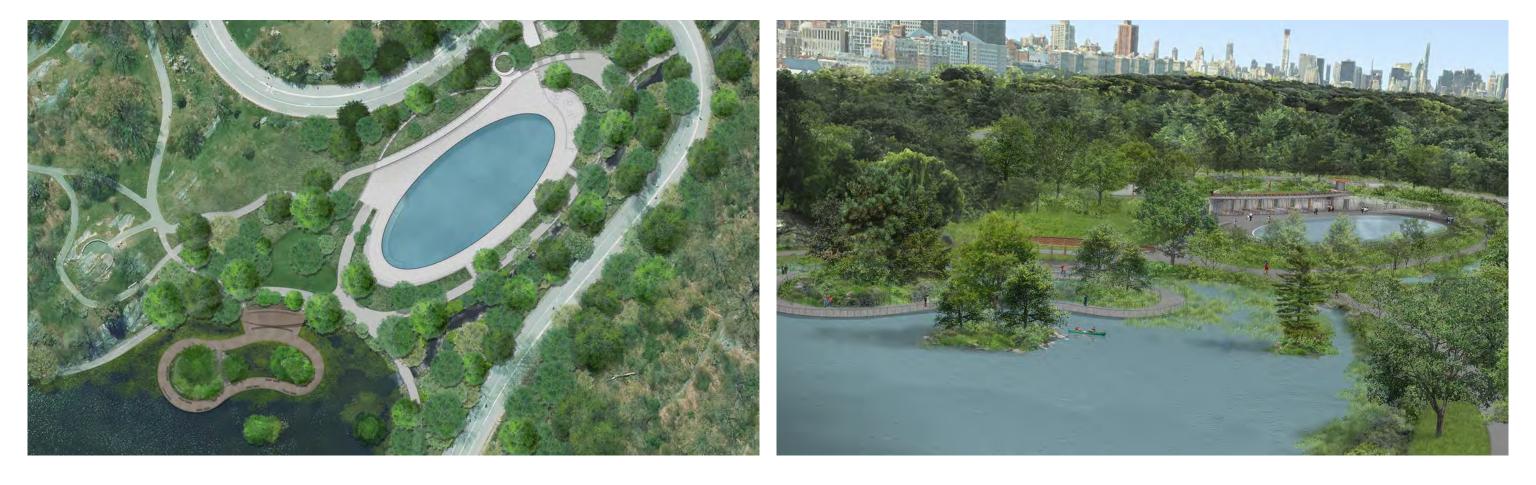
World's Fair 8-foot benches with added space for companion seating

### MATERIALS PALETTE | BENCHES HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 58



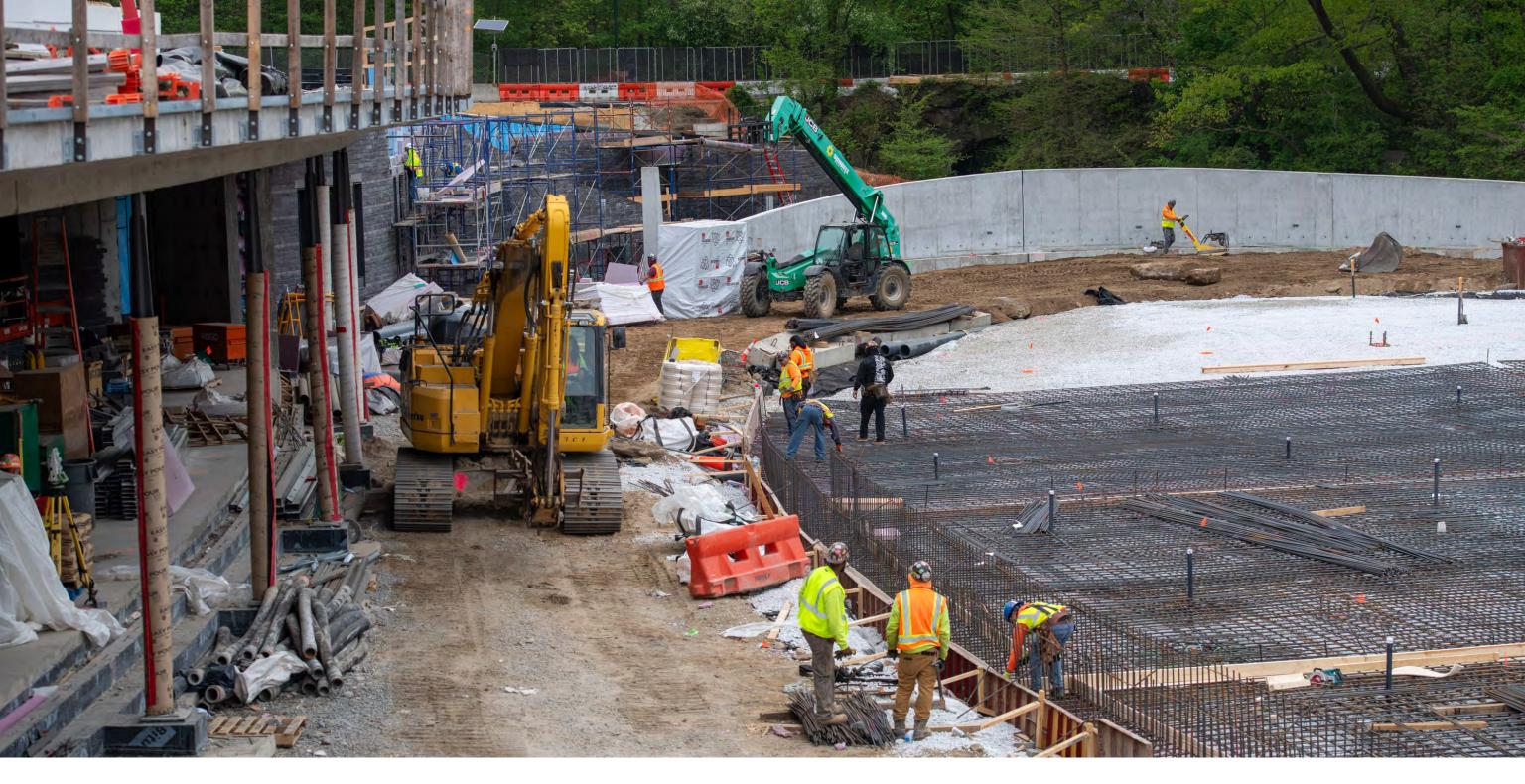


### NORTHWEST MEER STAIRS | EXISTING CONDITIONS HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 59

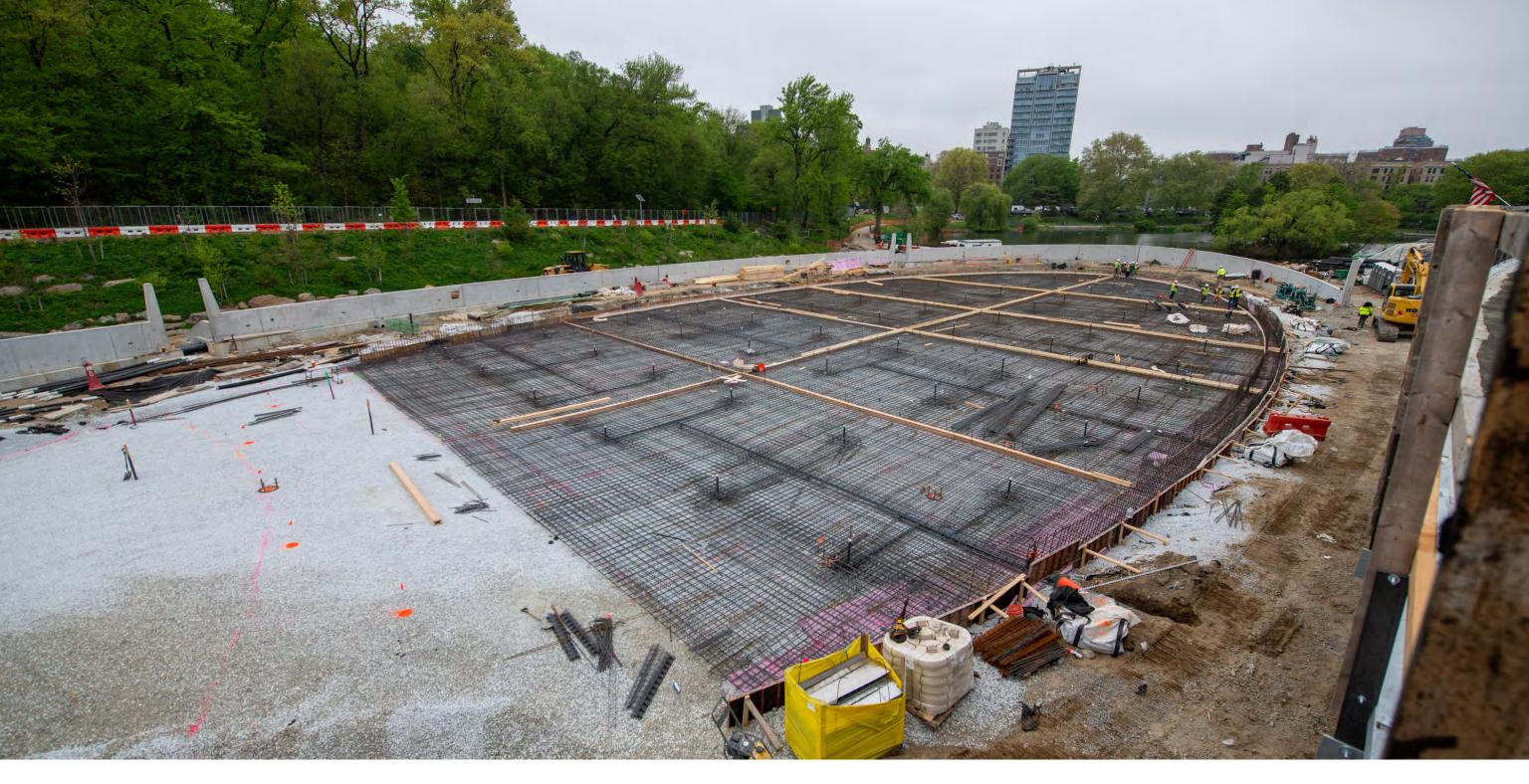




### FORMER BOARDWALK LOOP PROPOSAL HARLEM MEER SHORELINE RESTORATION | JULY 30TH, 2024 | 60







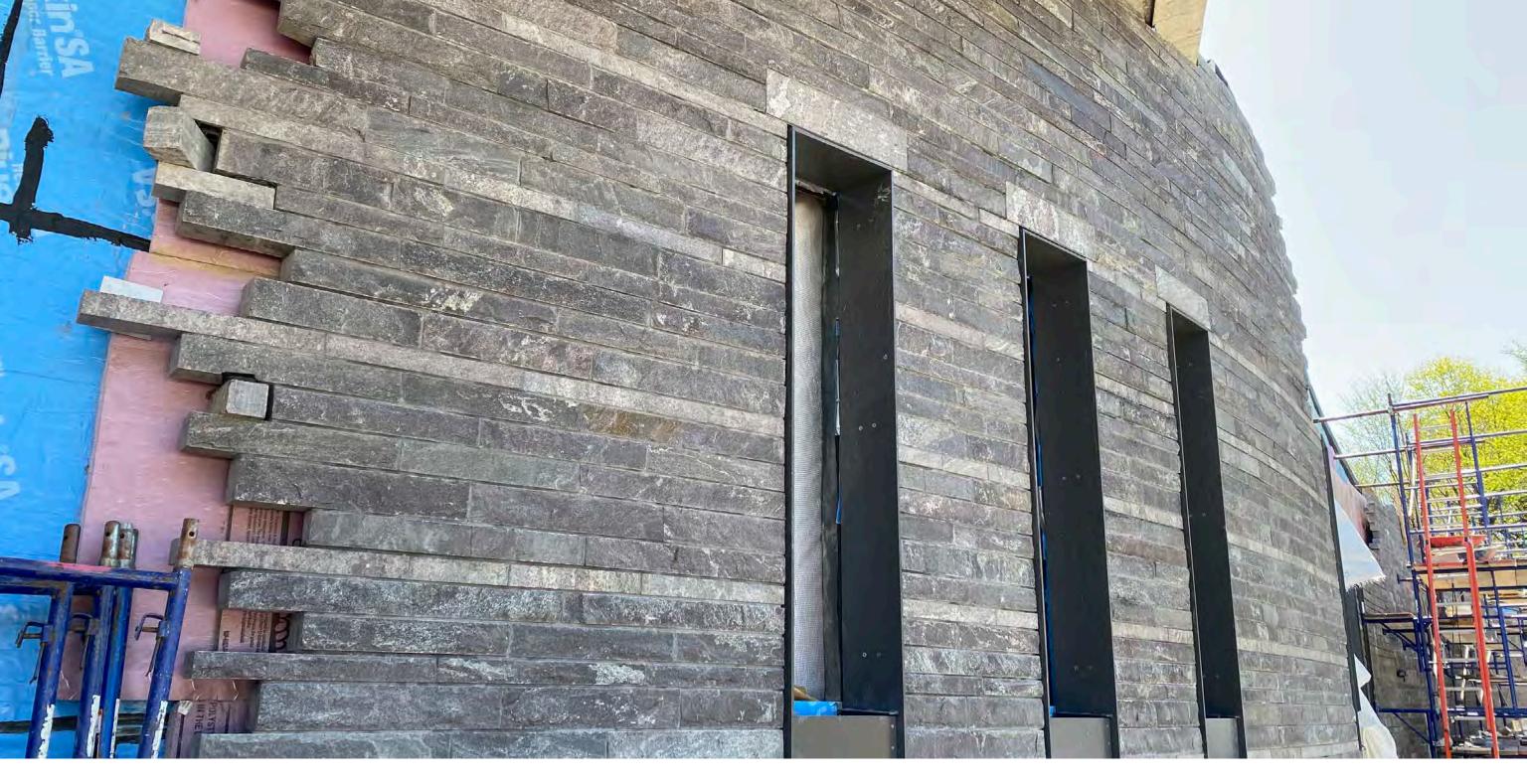








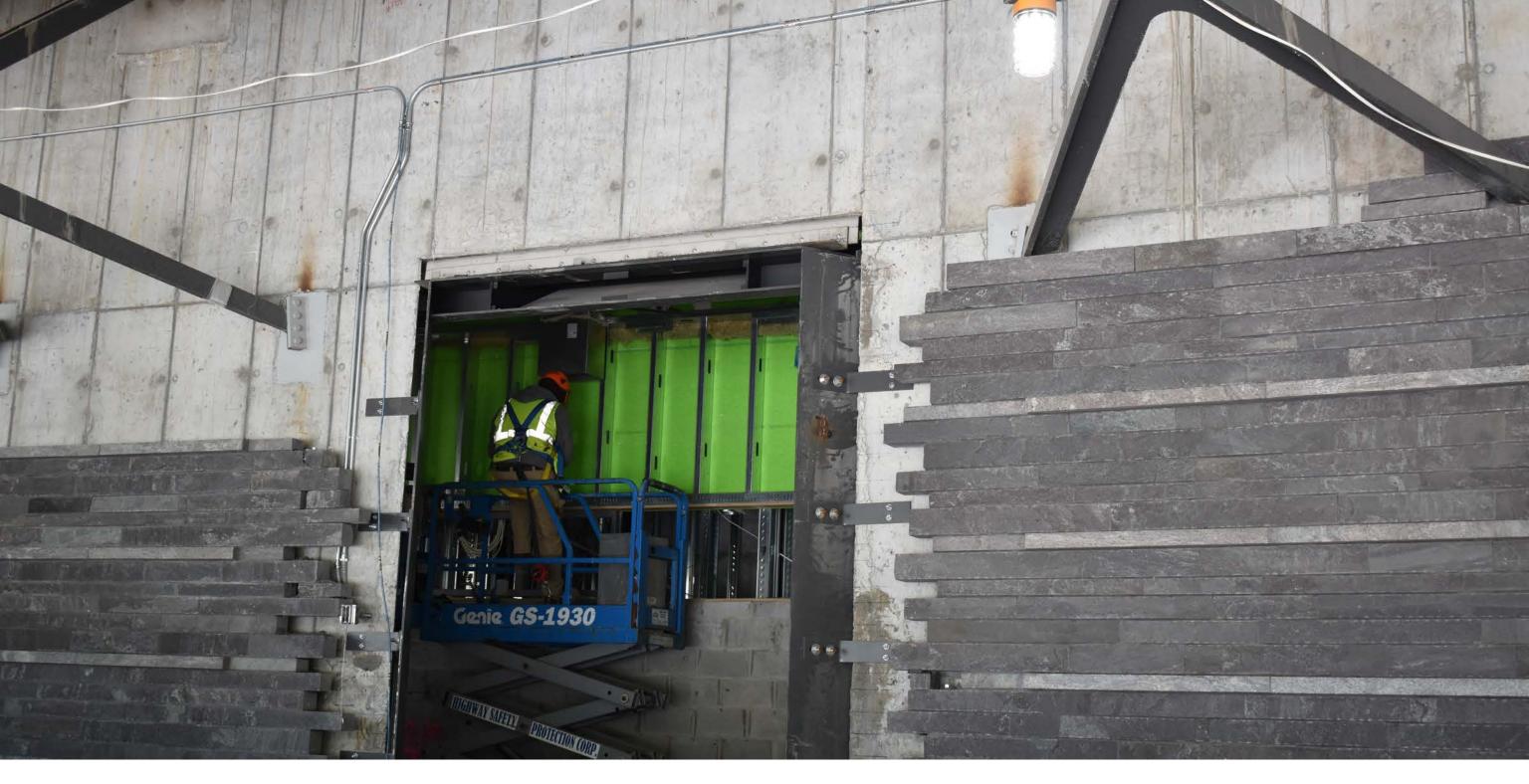




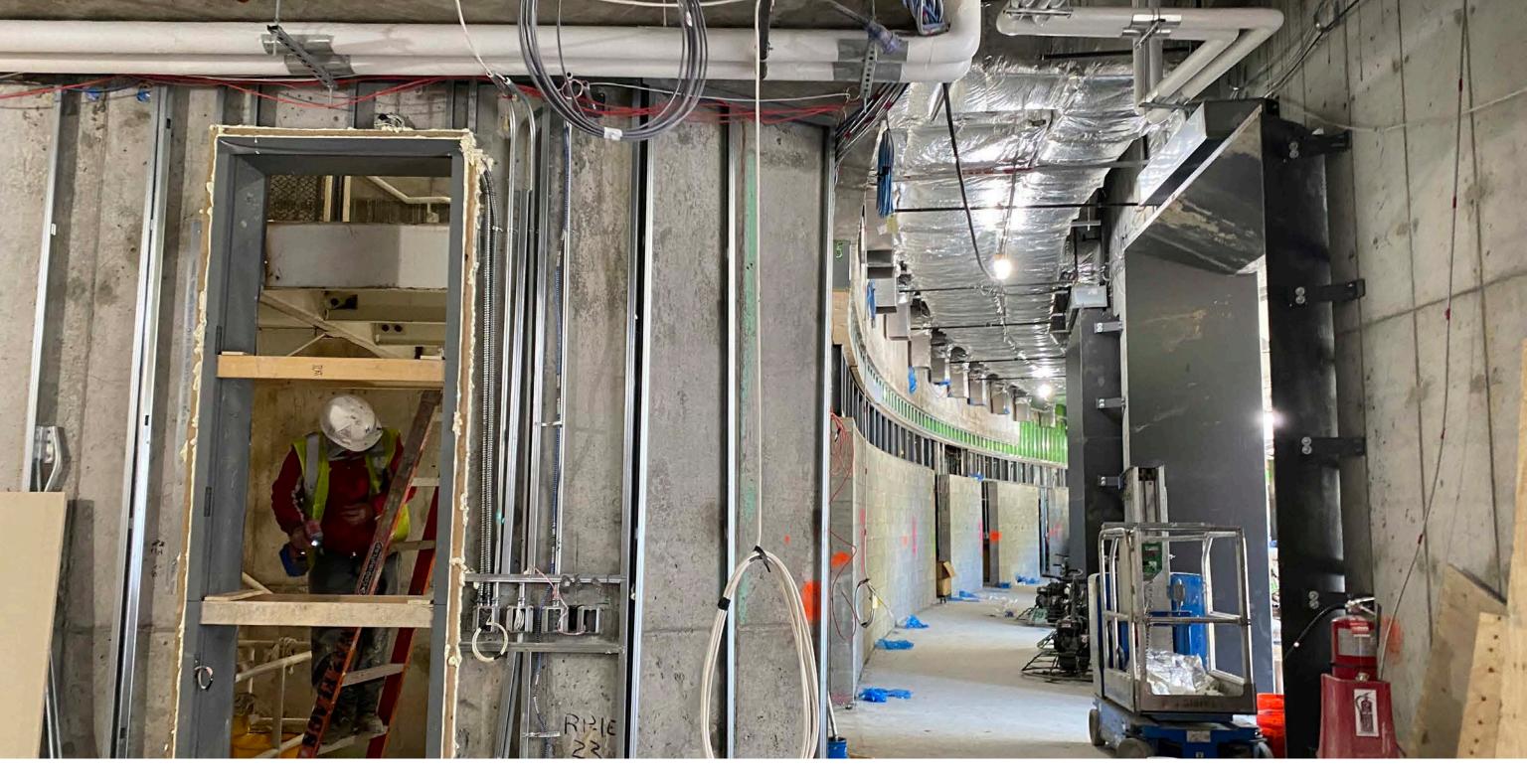




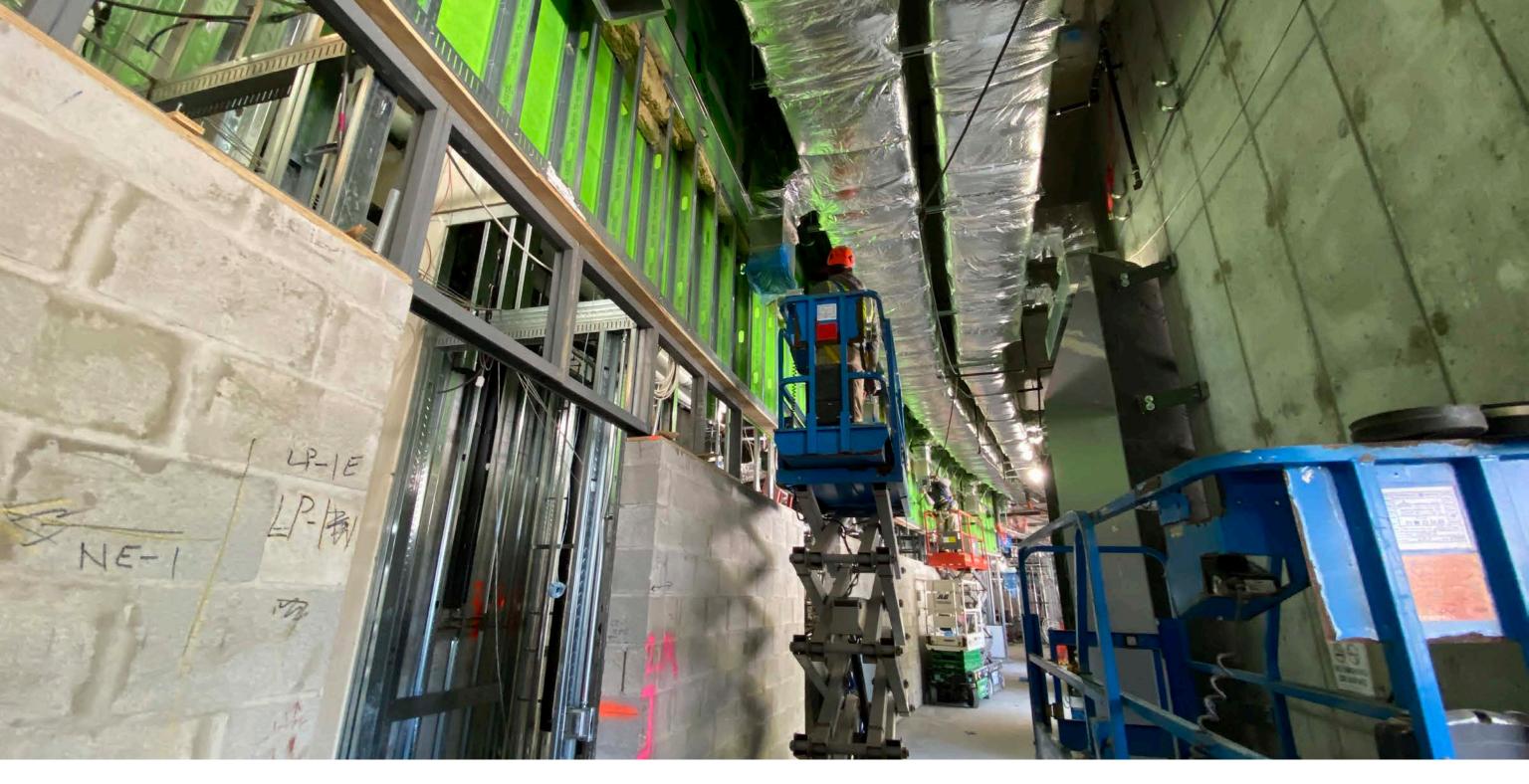




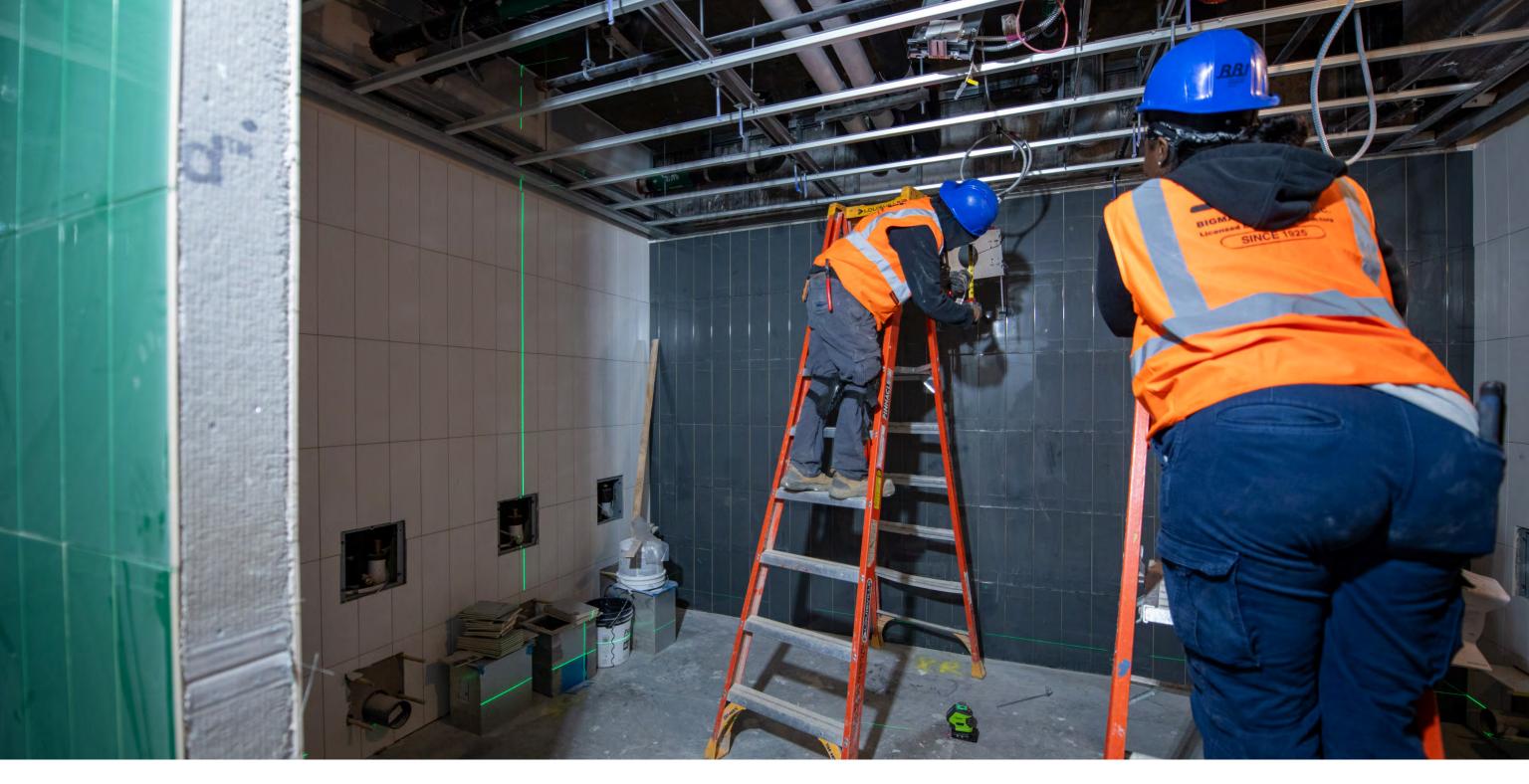
















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