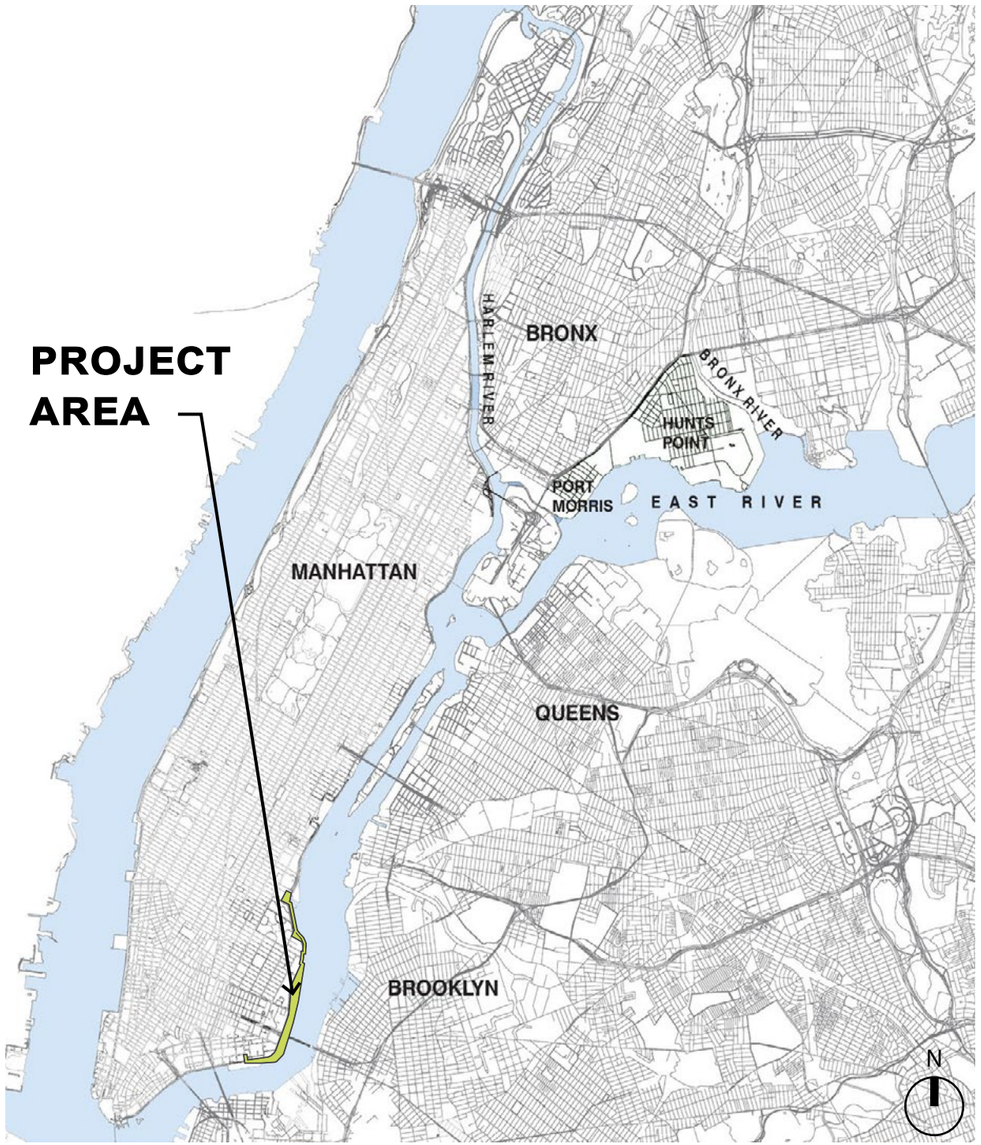
East Side Coastal Resiliency Signage

CB6

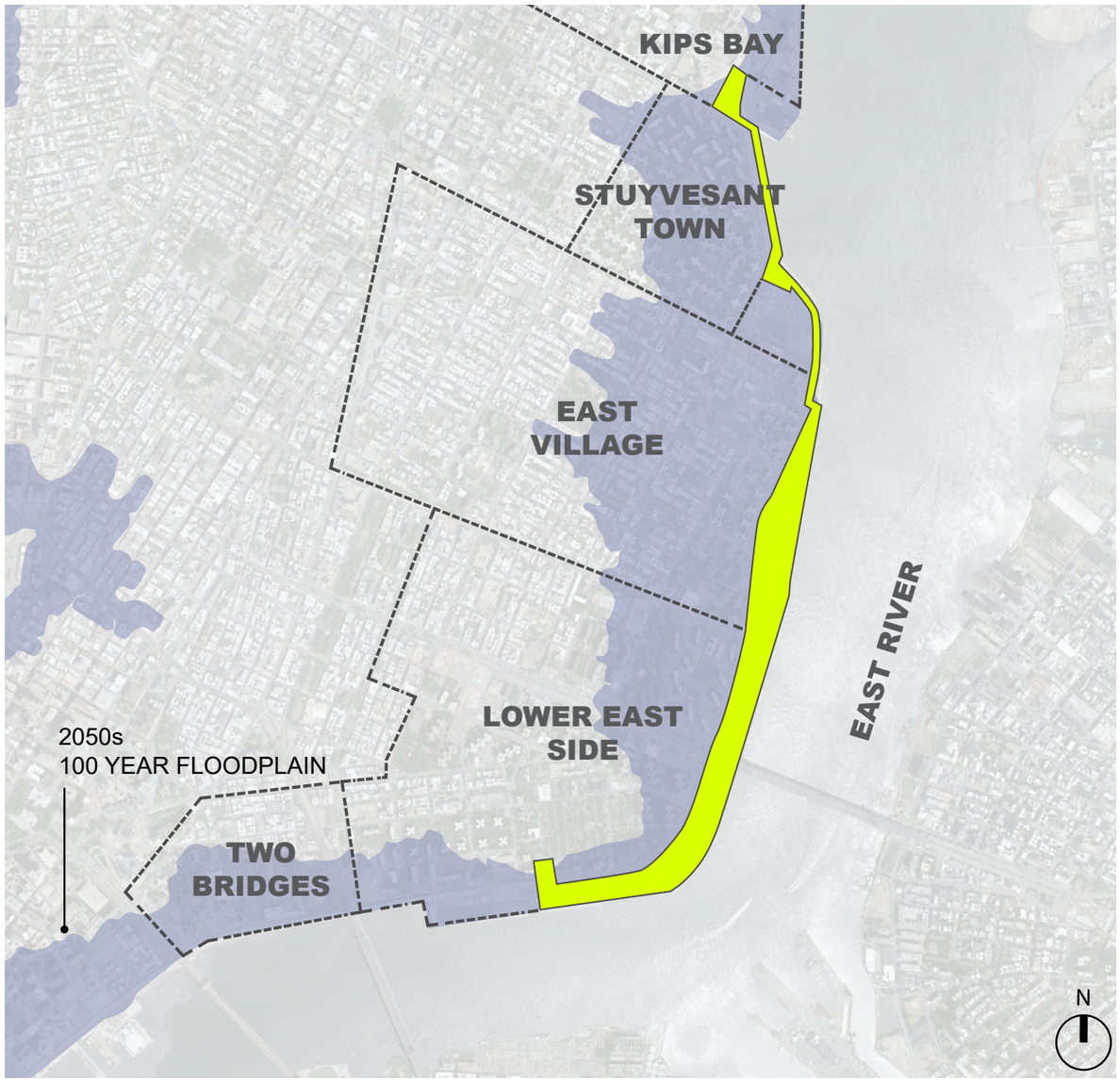
Land Use & Waterfront Committee

January 25, 2021

BOROUGH CONTEXT



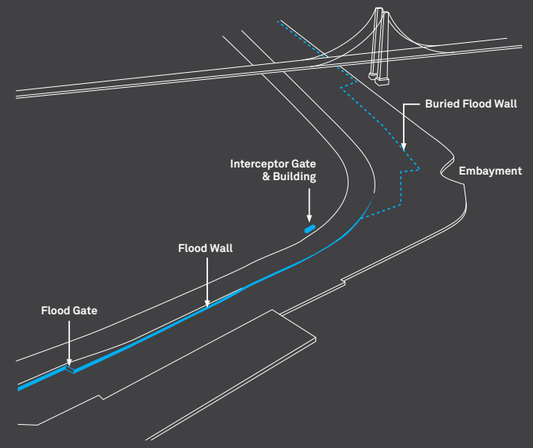
NEIGHBORHOOD CONTEXT



List of Sign Types

Resiliency Introduction Sign

S1.1 Resiliency Introduction



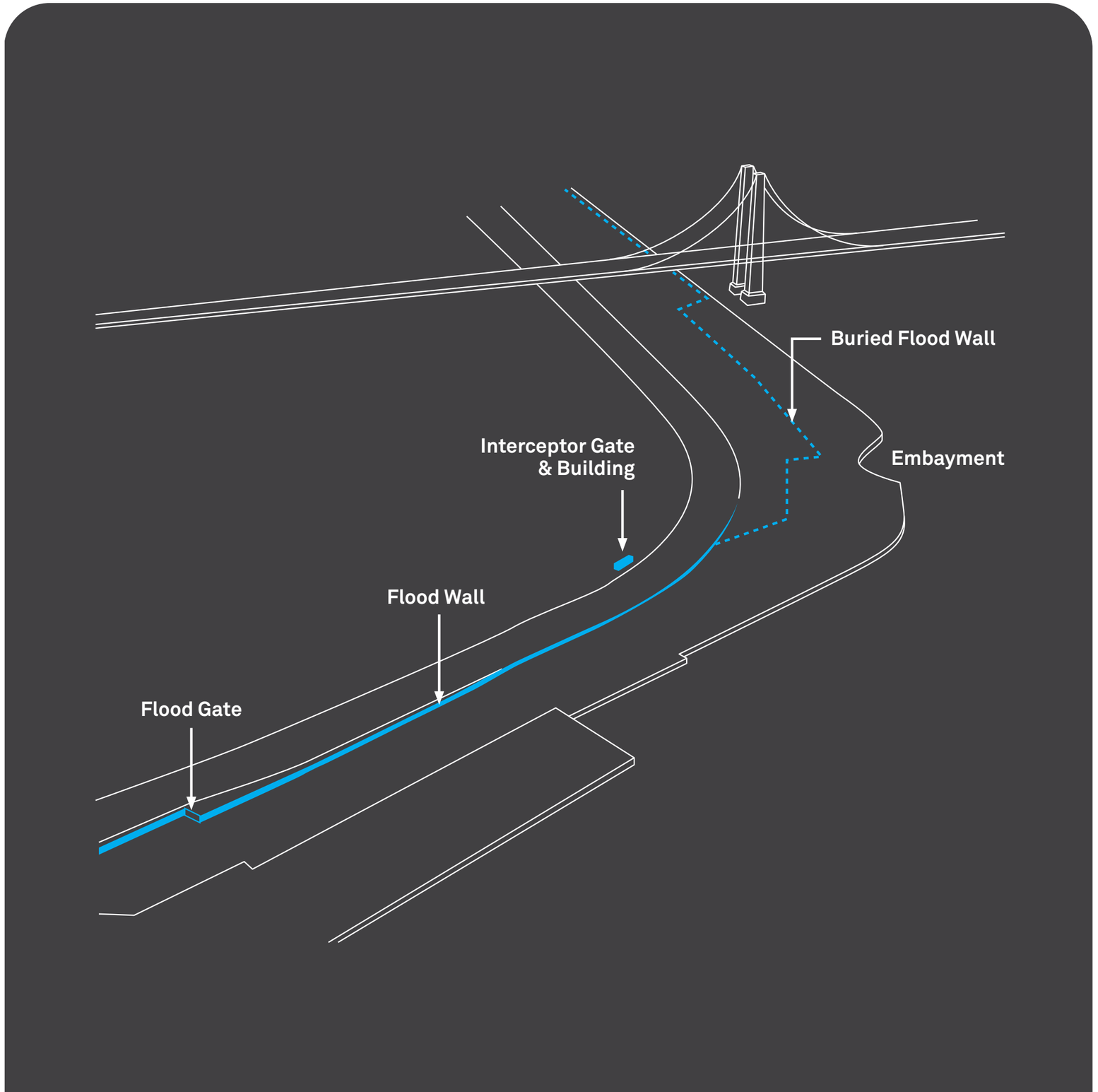
East Side Coastal Resiliency

On October 29, 2012, Hurricane Sandy made landfall in New York City. The storm resulted in the deaths of 44 New Yorkers and caused $19 billion in damages and lost economic activity. Extensive coastal flooding occurred along the East Side of Manhattan, damaging homes, businesses, open space, and infrastructure.

The East Side Coastal Resiliency (ESCR) project was designed to protect the area from Montgomery Street to E. 25th Street from coastal storms and sea level rise caused by climate change. This project consists of a series flood walls, flood gates, raised landscapes, and sewer system safeguards that are seamlessly integrated into the urban landscape.

S1.1 Resiliency Introduction:

Close up view



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NYC Mayor's Office of Resiliency · NYC Department of Design and Construction · NYC Parks · New York City DOT · NYC Environmental Protection · NYCEDC

S1.1 Resiliency Introduction

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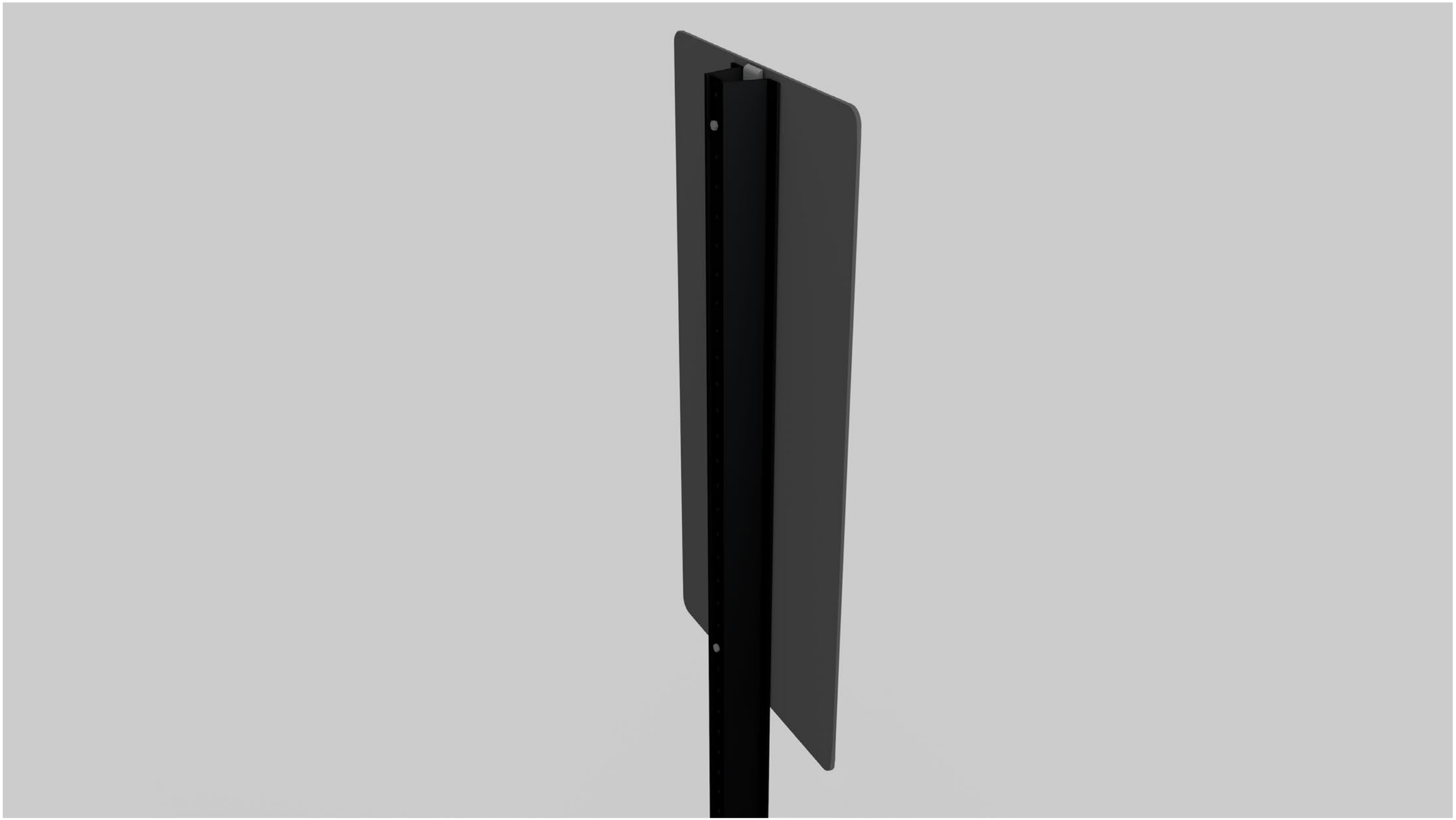

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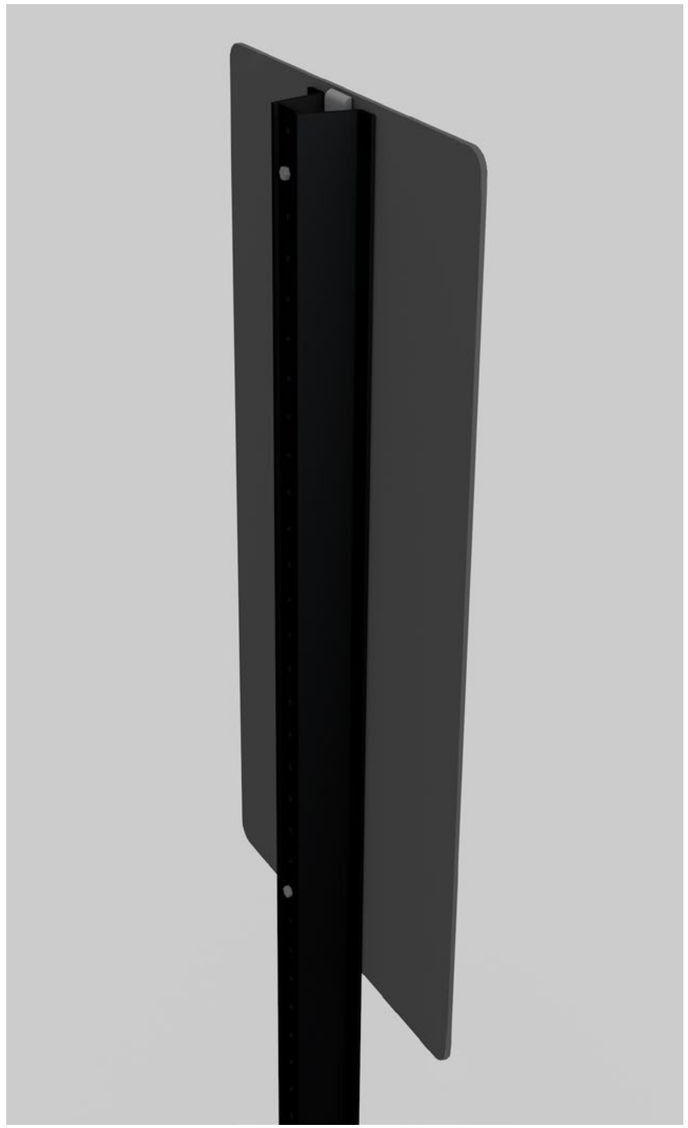
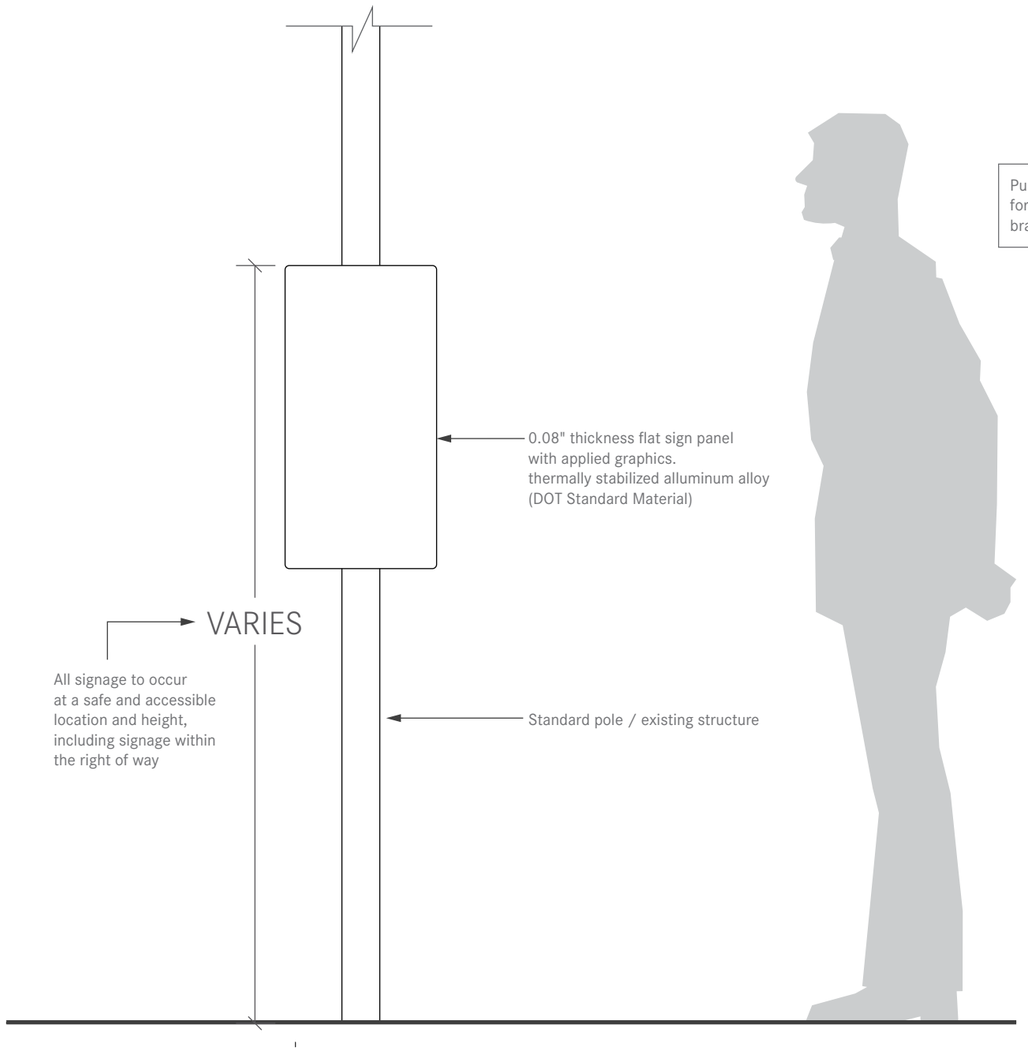
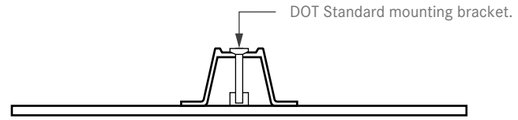


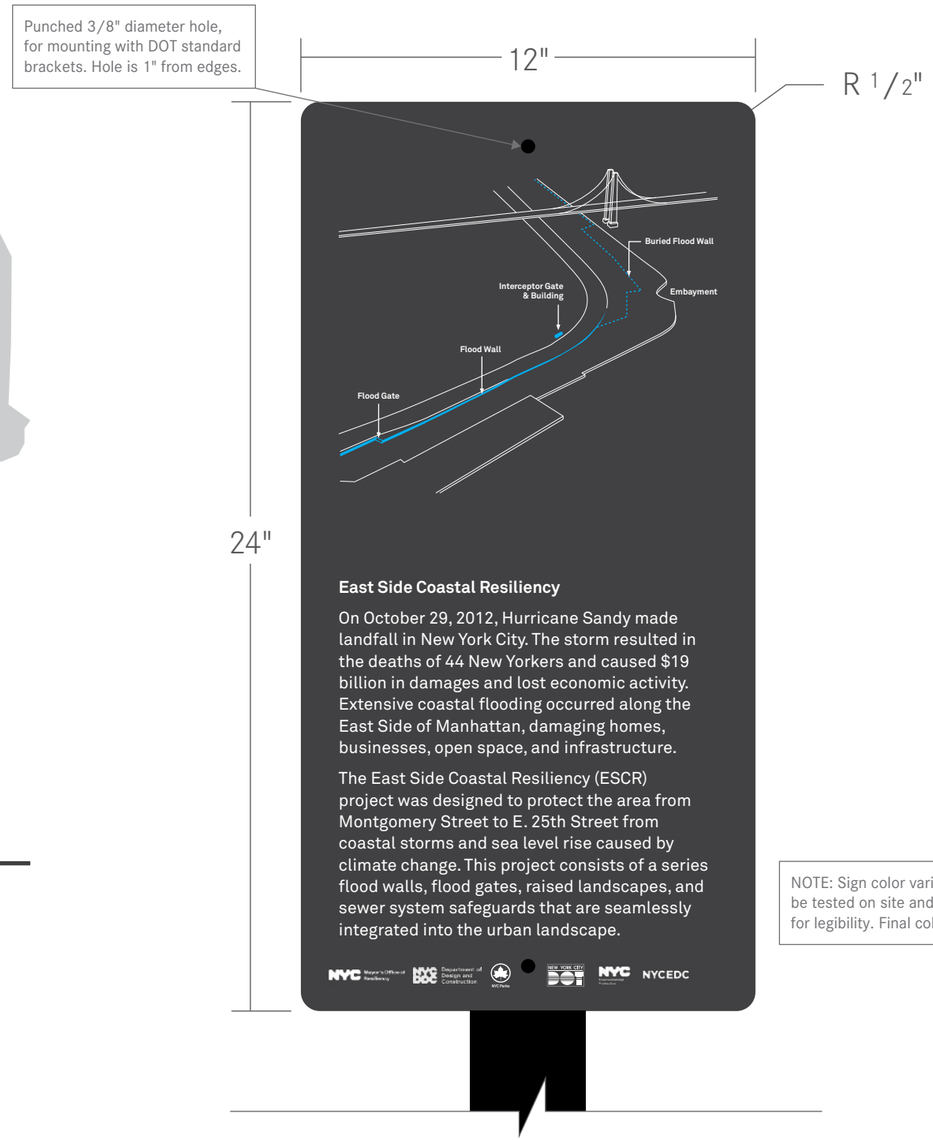
- 12"×24" flat sign panel.
- Mounted to existing/dedicated standard sign poles, light poles.
- All signage to occur at a safe and accessible location and height, including signage within the right of way.
- Content consists of: introductory text about the ESCR project, graphic rendering that demonstrates the scale and extent of the resiliency project. Resiliency logo, agency logos.
- Sign color variations to be tested on site and evaluated for legibility.
- Final color TBD.



1 S1.1 Resiliency Introduction - Elevation
1" = 1'-0"



3 S1.1 Resiliency Introduction - Detail - Top
3" = 1'-0"

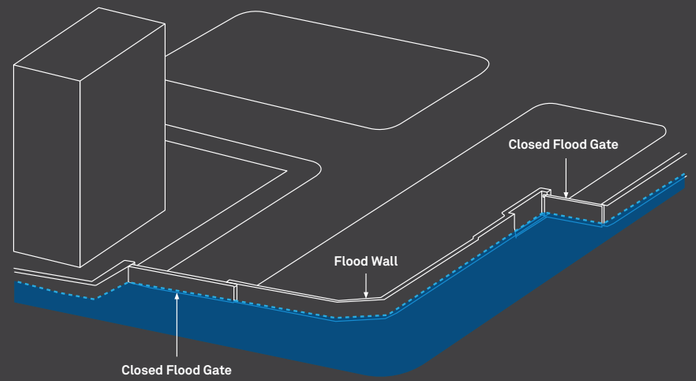


NOTE: Sign color variations to be tested on site and evaluated for legibility. Final color TBD.

3 S1.1 Resiliency Introduction - Detail - Front
3" = 1'-0"

Component Information Signs

S1.2 Component Information: Flood wall

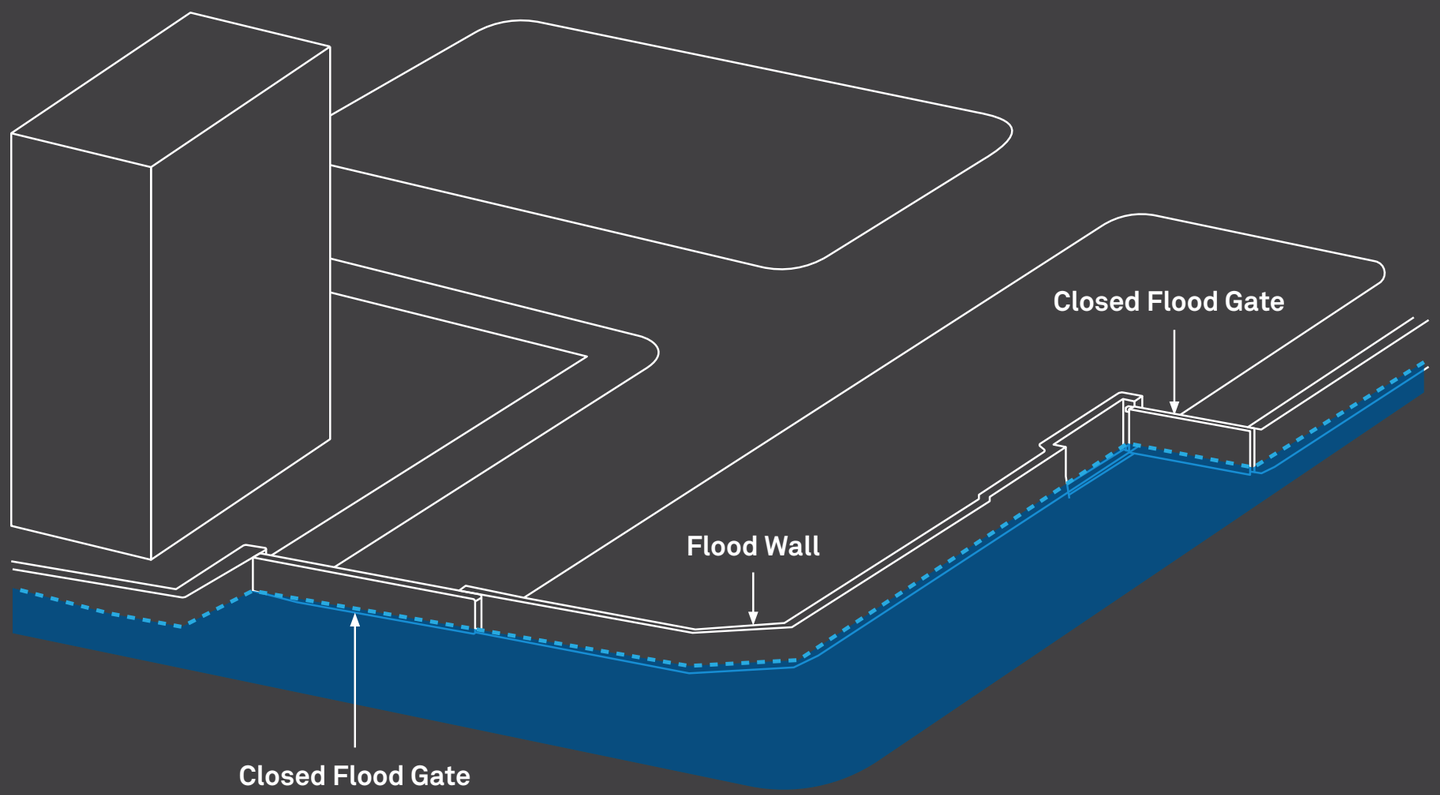


Flood Wall

This flood wall is part of the East Side Coastal Resiliency (ESCR) project, an integrated system that protects the East Side of Manhattan from coastal storms and sea level rise. This flood wall is constructed from concrete and steel and is designed to account for future sea level rise caused by climate change. The pattern and numbers on the wall show the elevation height of the wall above sea level, using the 2015 sea level as a baseline.

S1.2 Component Information:
Flood wall

Close up view



Flood Wall

This flood wall is part of the East Side Coastal Resiliency (ESCR) project, an integrated system

S1.2 Component Information: Flood wall

Close up view

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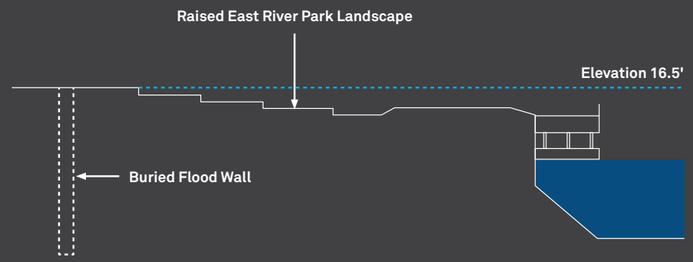
NEW YORK CITY DOT

NYC Parks

NYC Environmental Protection

S1.2 Component Information: Buried Flood Wall



Buried Flood Wall

You are standing on top of one of the most ambitious flood protection projects in the United States. As part of the East Side Coastal Resiliency (ESCR) project, East River Park was elevated approximately eight feet to deter floodwaters from coastal storms and sea level rise. This elevated parkland connects with an integrated system of flood walls, flood gates, raised landscapes, and sewer system safeguards stretching from Montgomery Street to E. 25th Street. These elements will ensure that generations of New Yorkers are protected from the climate change threats of the future.

NYC Parks

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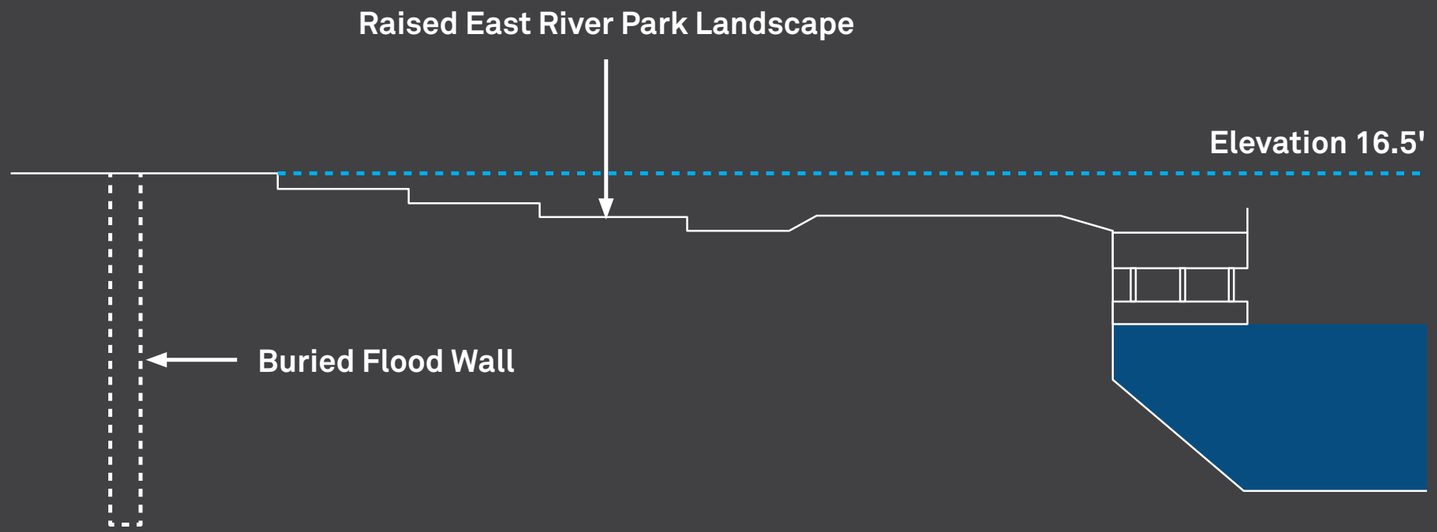
Close up view



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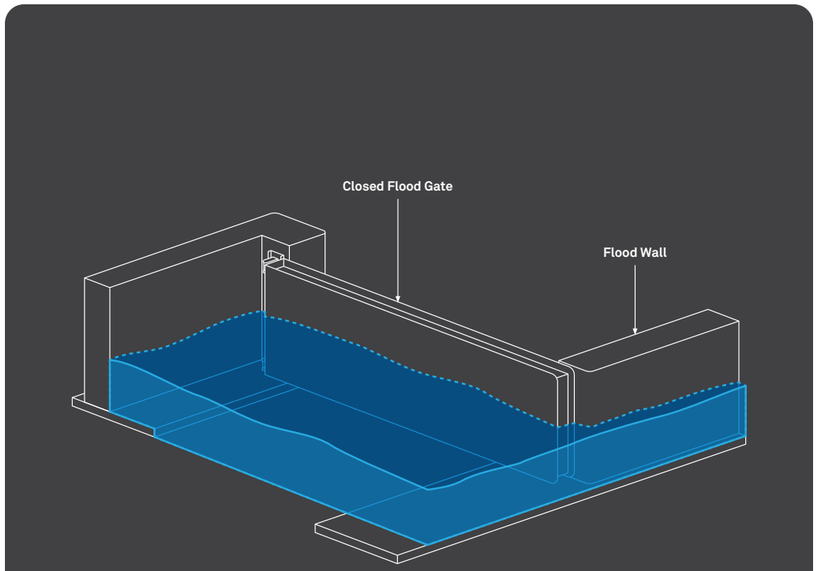
NYC Parks

S1.2 Component Information: Flood Gate

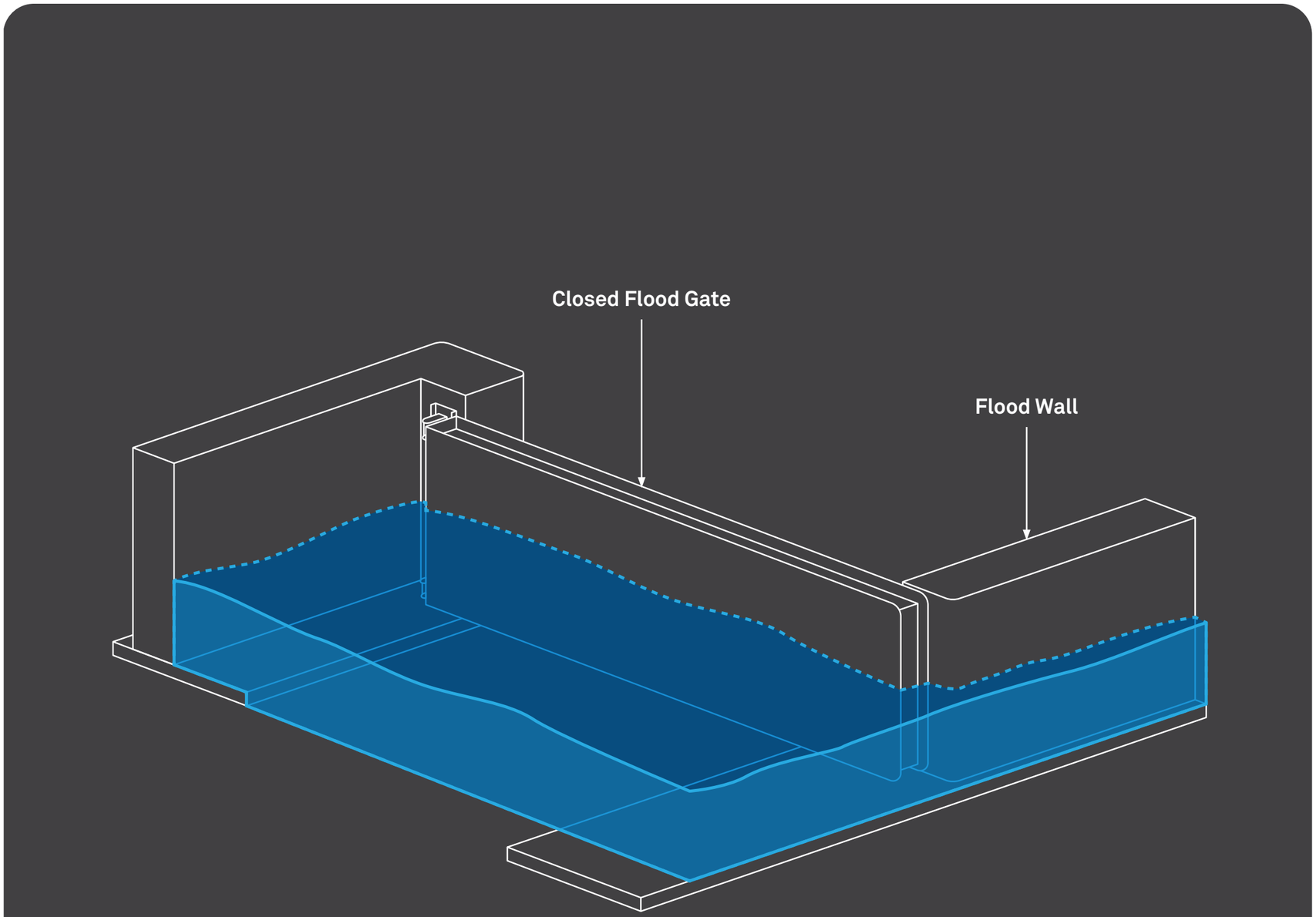


Flood Gate

This flood gate is part of the East Side Coastal Resiliency (ESCR) project, an integrated system that protects the East Side of Manhattan from coastal storms and sea level rise. Flood gates work in coordination with adjacent flood walls. When a coastal storm is forecasted, these gates are closed to form a continuous line of protection.

S1.2 Component Information:
Flood Gate

Close up view



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Close up view

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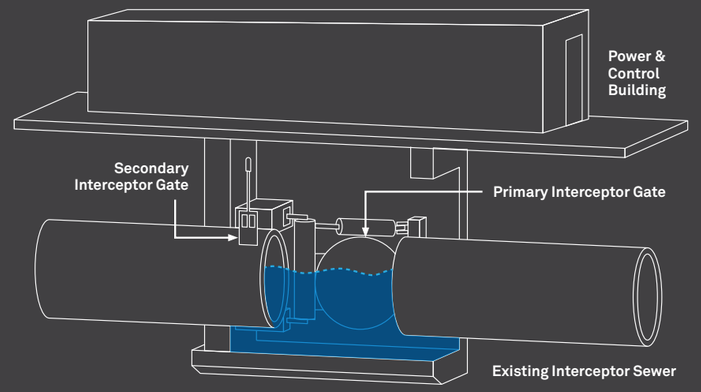
NEW YORK CITY DOT

S1.2 Component Information: Interceptor Gates

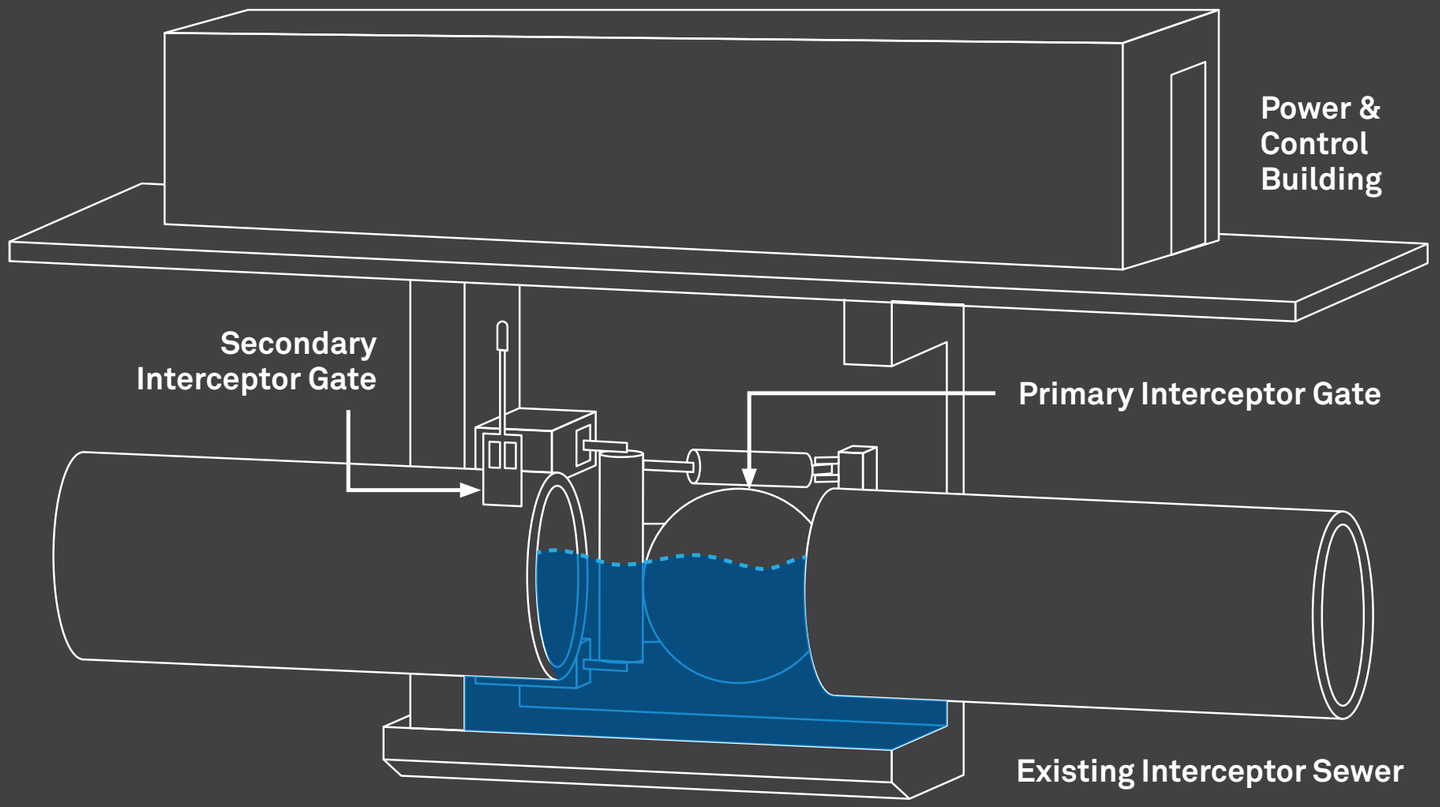


Interceptor Gates

Coastal storms don't only cause aboveground flooding – they also impact the underground sewer system. When a storm arrives, waters can rush into sewer outfalls at the shoreline and send a mix of seawater and sewage rushing through underground pipes that are connected to homes and businesses. The equipment housed in this building controls underground gates that are shut in the event of a storm, preventing storm surge water from entering the system. These interceptor gates were built as part of the East Side Coastal Resiliency (ESCR) project, which protects the area from Montgomery Street to E. 25th Street from coastal storms and sea level rise caused by climate change.

S1.2 Component Information: Interceptor Gates

Close up view



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NEW YORK CITY DOT

NYC Environmental Protection

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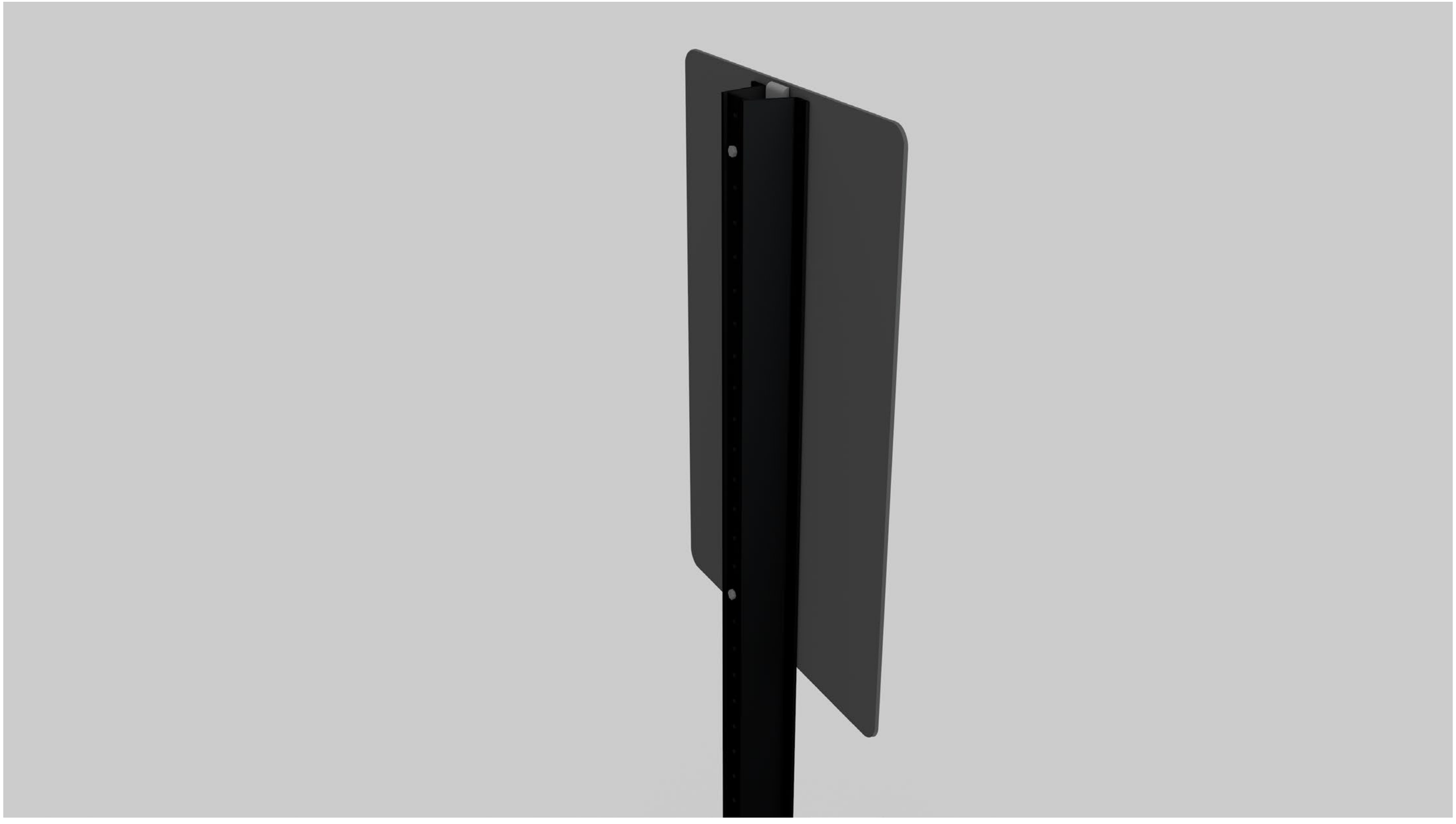
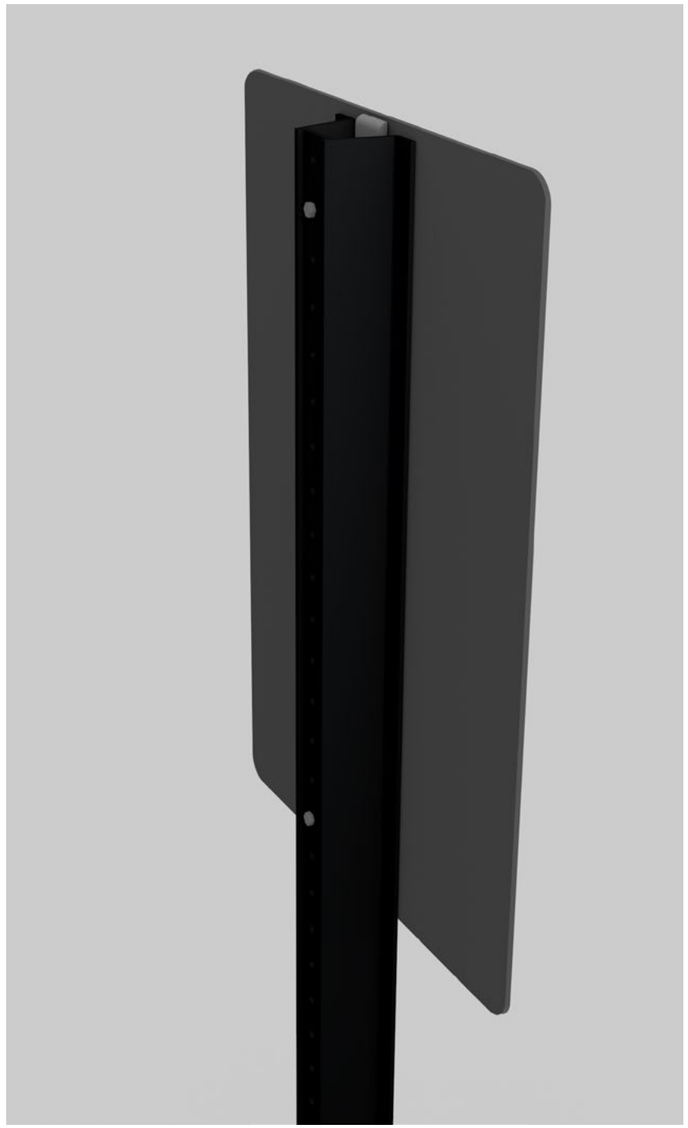
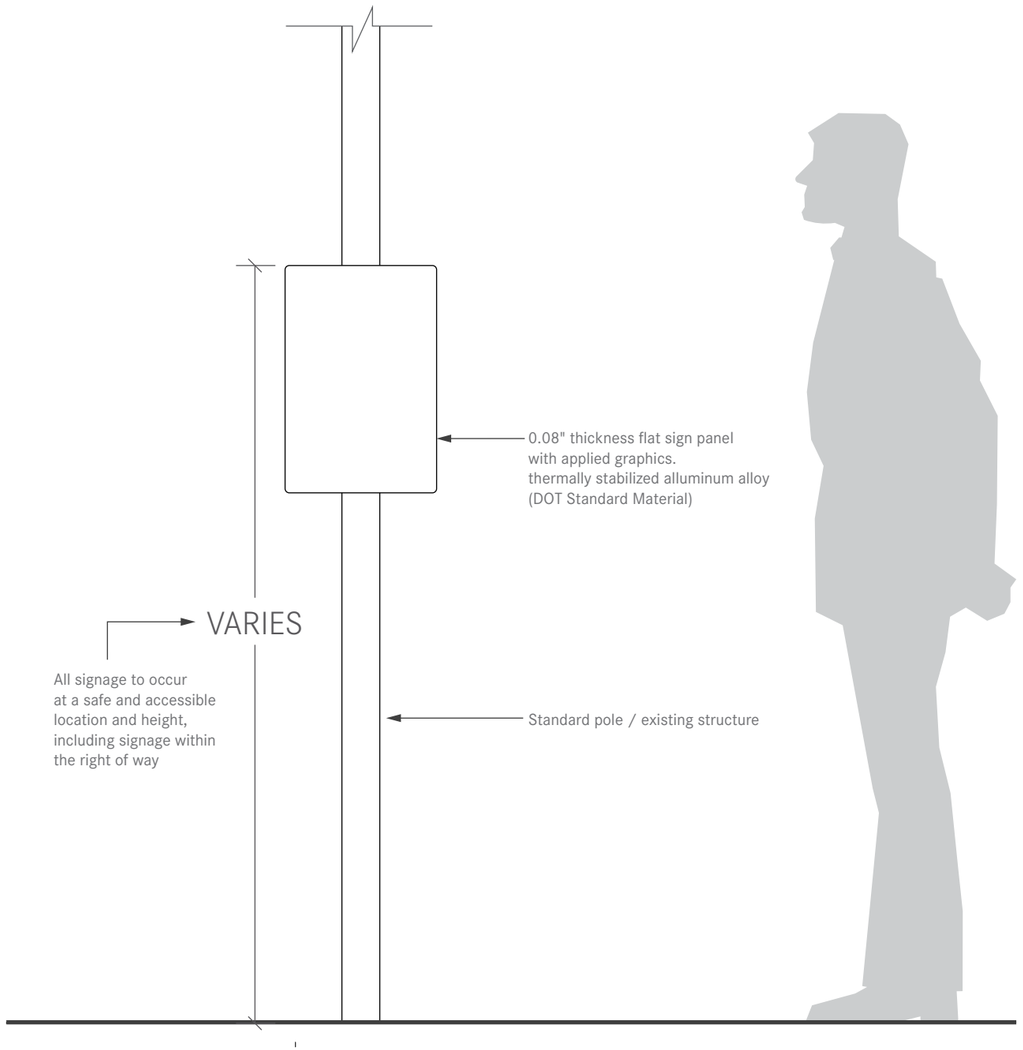
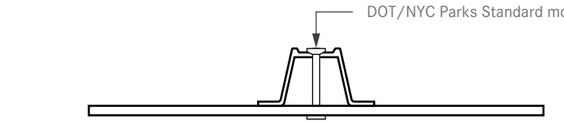




- 12"×18" flat sign panel.
- Mounted to existing/dedicated standard sign poles, light poles.
- All signage to occur at a safe and accessible location and height, including signage within the right of way.
- Content consists of explanatory text and graphic regarding a component of the ESCR project eg. flood wall, flood gate, buried flood wall, or interceptor gate.
- Sign color variations to be tested on site and evaluated for legibility.
- Final color TBD.



1 S1.2 Component Information - Elevation
1" = 1'-0"



3 S1.2 Component Information - Detail - Top
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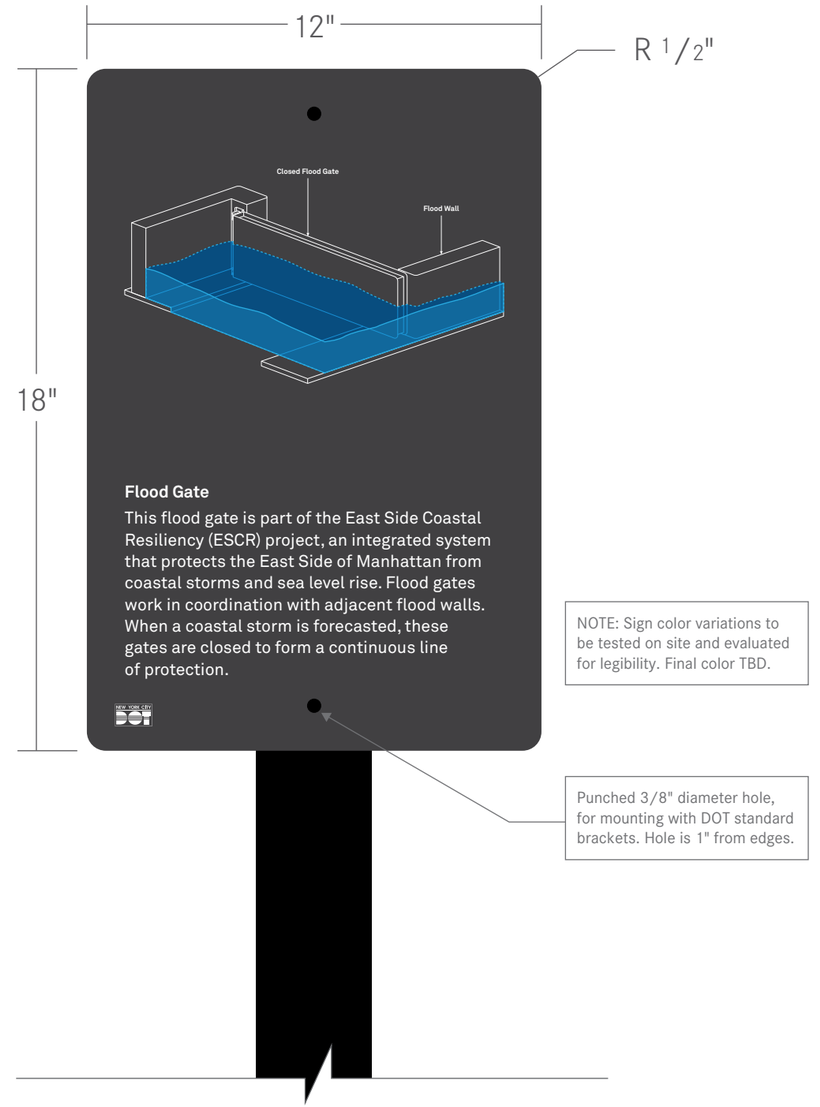


3 S1.2 Component Information - Detail - Front
3" = 1'-0"

Sign Locations

Full Location Plan

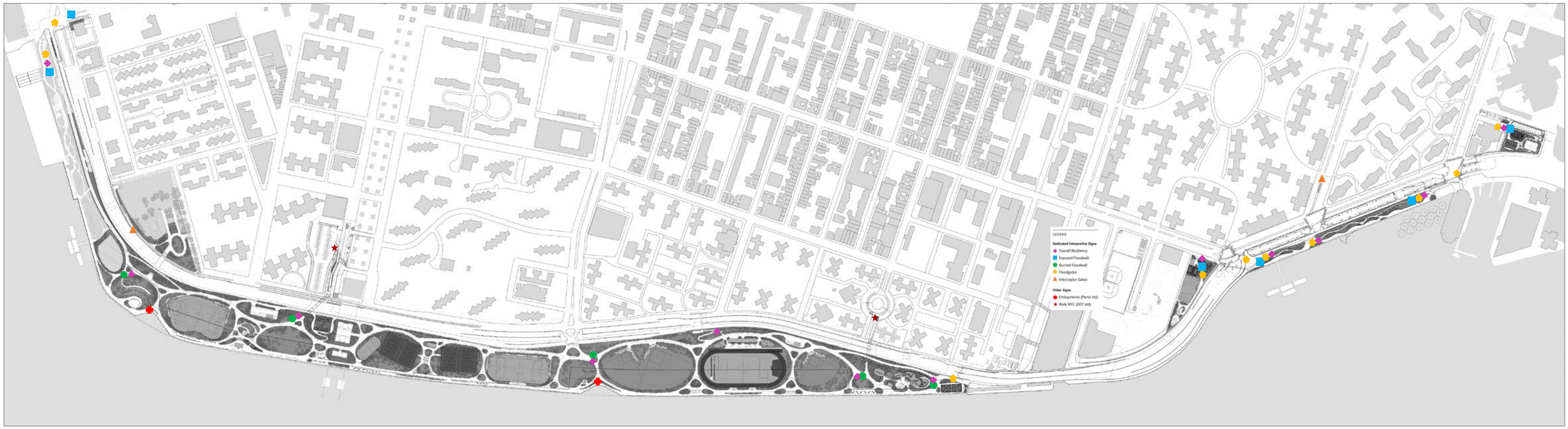
LEGEND

Dedicated Interpretive Signs

- Overall Resiliency
- Exposed Floodwall
- Burried Floodwall
- Floodgates
- Interceptor Gates

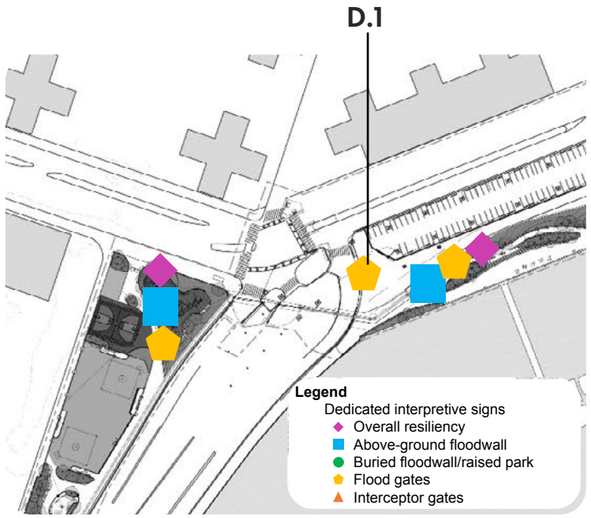
Other Signs

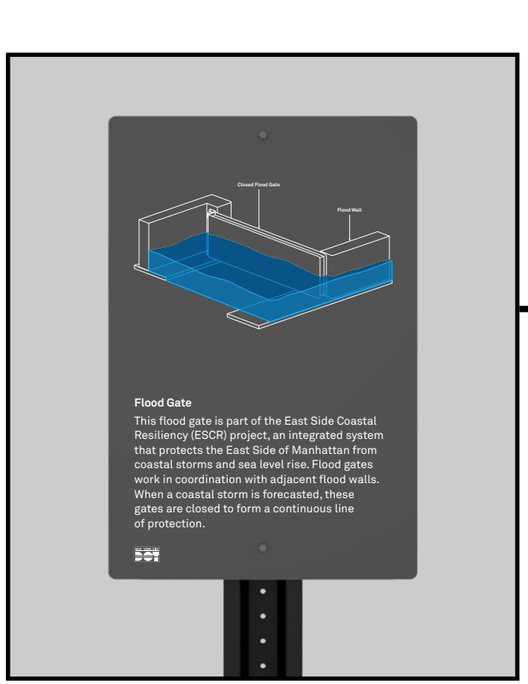
- Embayments (Parks std)
- Walk NYC (DOT std)



ESCR INTERPRETIVE SIGNAGE

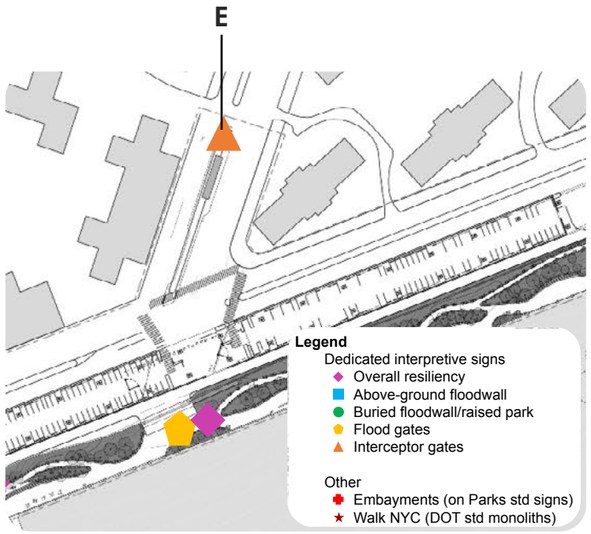
Proposed Locations - Stuy Cove Park South, Avenue C View

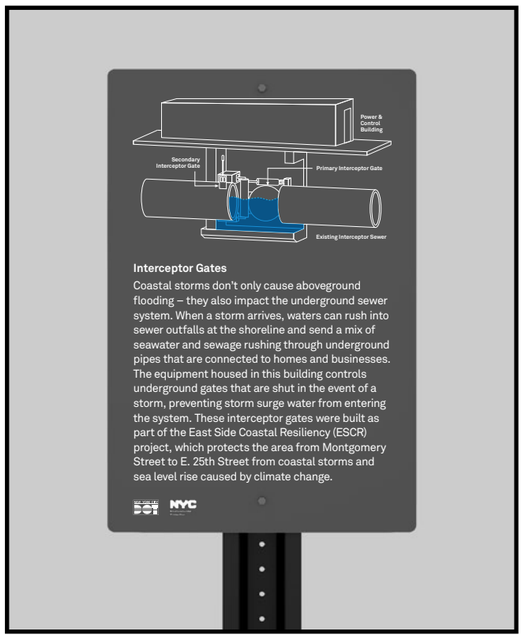


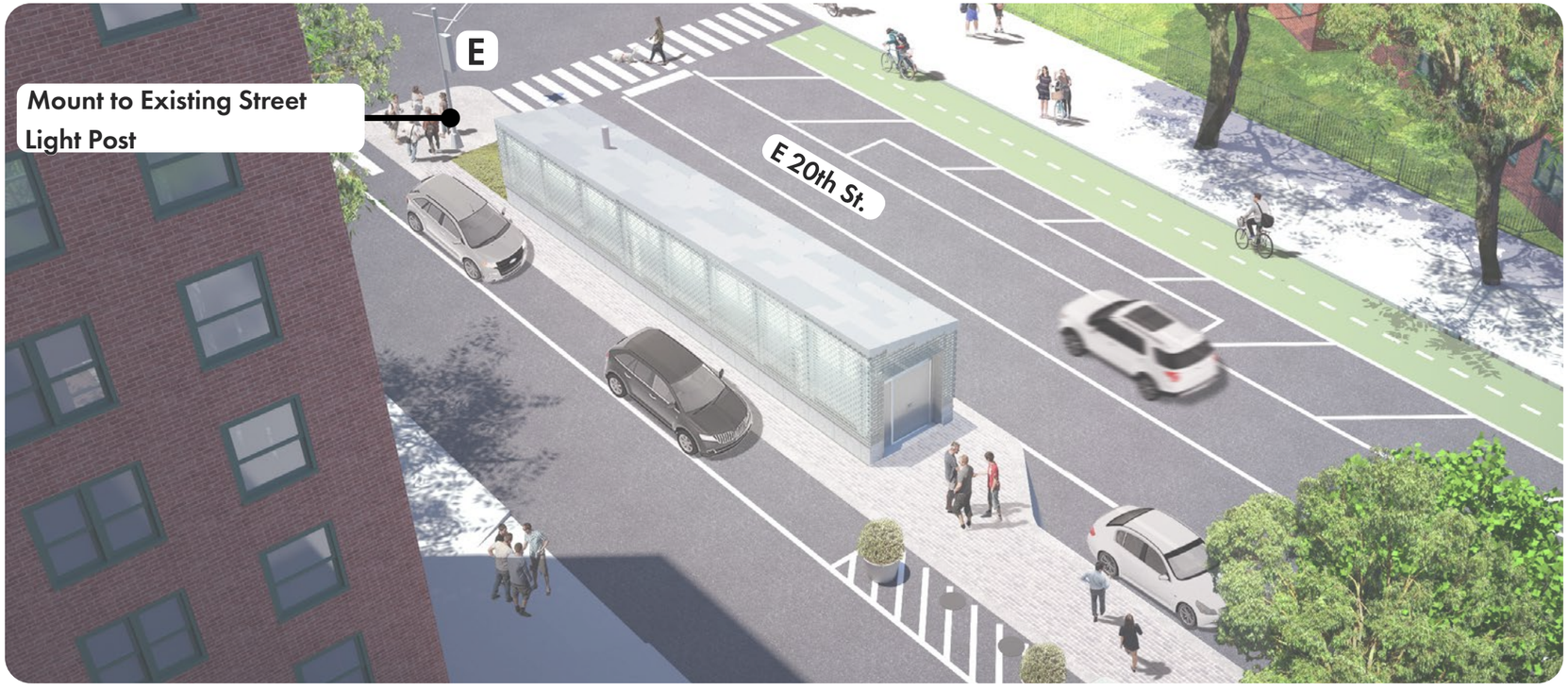


ESCR INTERPRETIVE SIGNAGE

Proposed Locations - North Interceptor Gate Building Rendered Aerial View

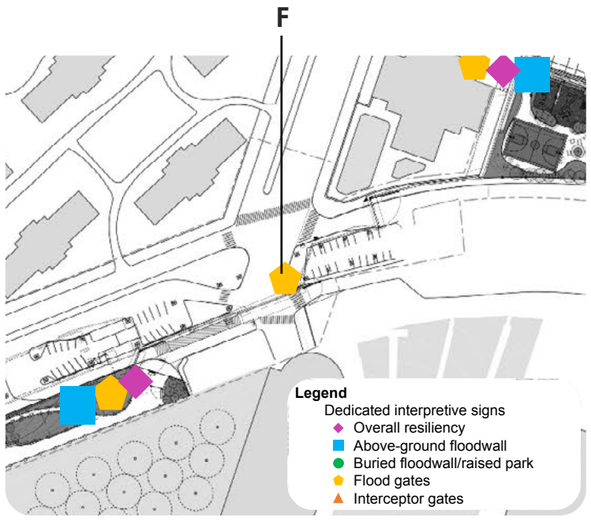


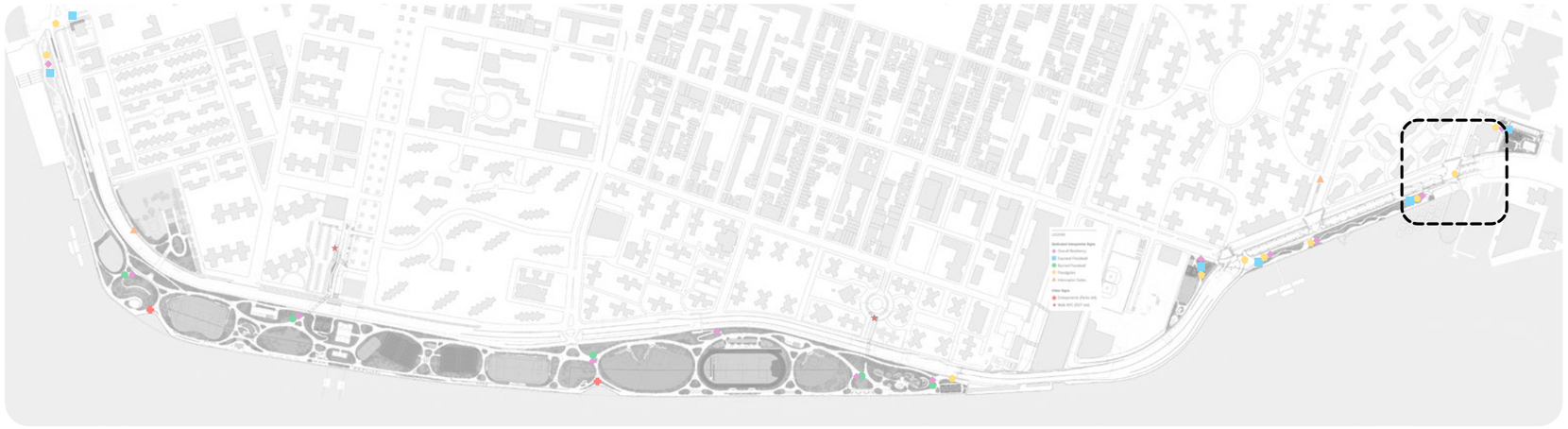


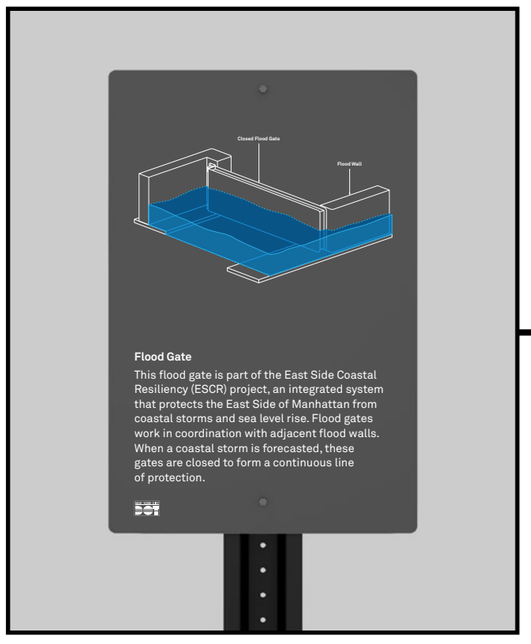


ESCR INTERPRETIVE SIGNAGE

Proposed Locations - E 23rd Street View







Thank You