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# Red Hook Coastal Resiliency (RHCR)

Private Property Restoration (PPR)  
**FOR PRESENTATION PURPOSE ONLY**

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# AGENDA

PROJECT OVERVIEW

DESIGN REVIEW

PRIVATE PROPERTY COORDINATION PROCESS

SUMMARY + NEXT STEPS

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# PROJECT OVERVIEW

# PROJECT GOALS

Developed in conjunction with community feedback and consultation

Maintain a passive system at elevation 8-ft

Activate deployable features to reach an elevation of 10-ft

Minimal impacts to pedestrian, bike, and vehicle circulation

Maintain neighborhood connectivity and access to active waterfront

Enhance and incorporate the Brooklyn Waterfront Greenway

Reduce flood impacts to existing drainage system

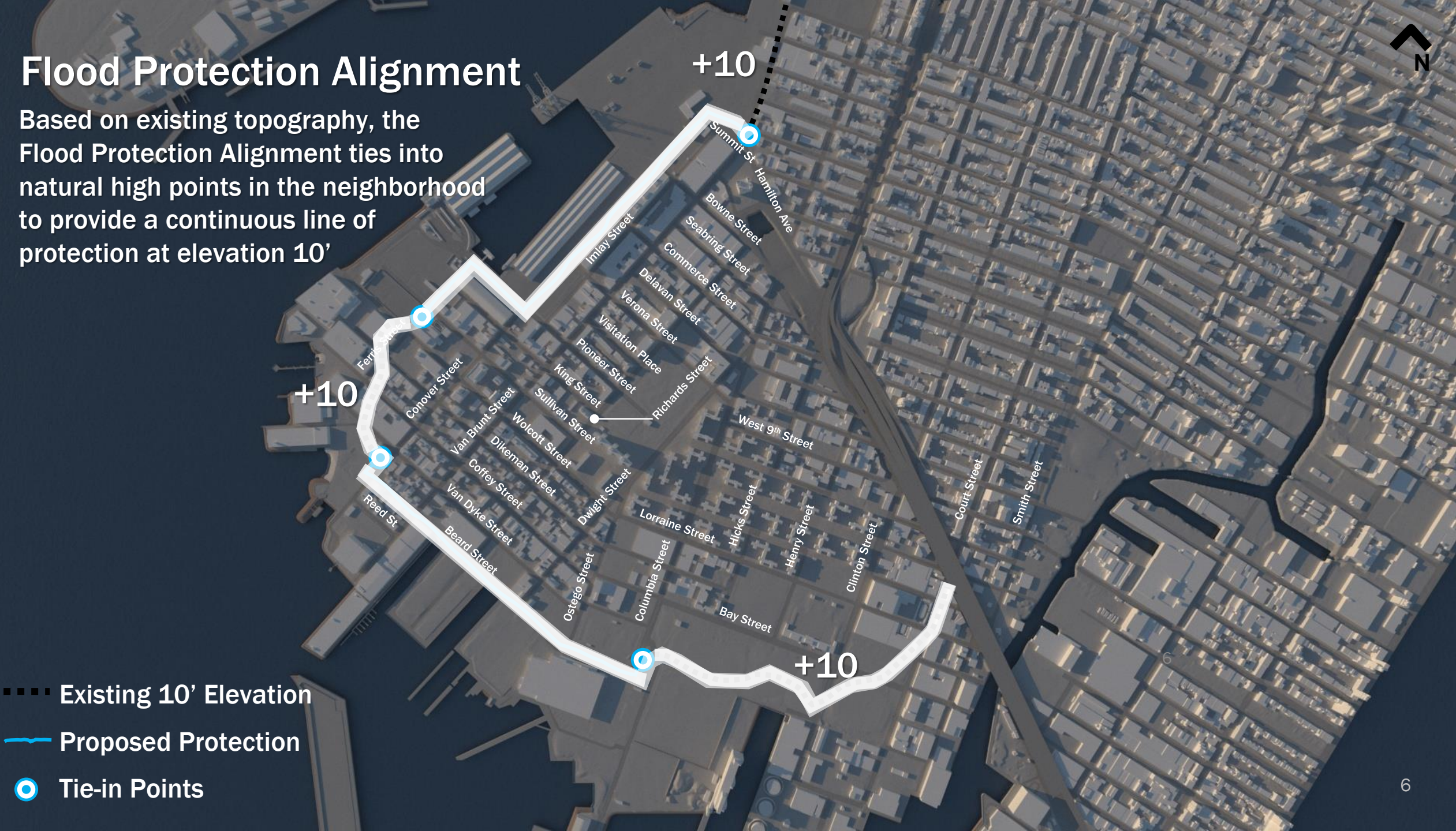


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# DESIGN REVIEW

# Flood Protection Alignment

Based on existing topography, the Flood Protection Alignment ties into natural high points in the neighborhood to provide a continuous line of protection at elevation 10'



- Existing 10' Elevation
- Proposed Protection
- Tie-in Points

# Flood Protection Components

Generalized Map of Flood Protection Elements and Reconstruction Limits Along the Full Alignment of the Project

## LEGEND

-  Floodwall
-  Flip-up Gate
-  Sliding Gate
-  Sidewalk/Roadway Improvement
-  Independent Flood Protection System



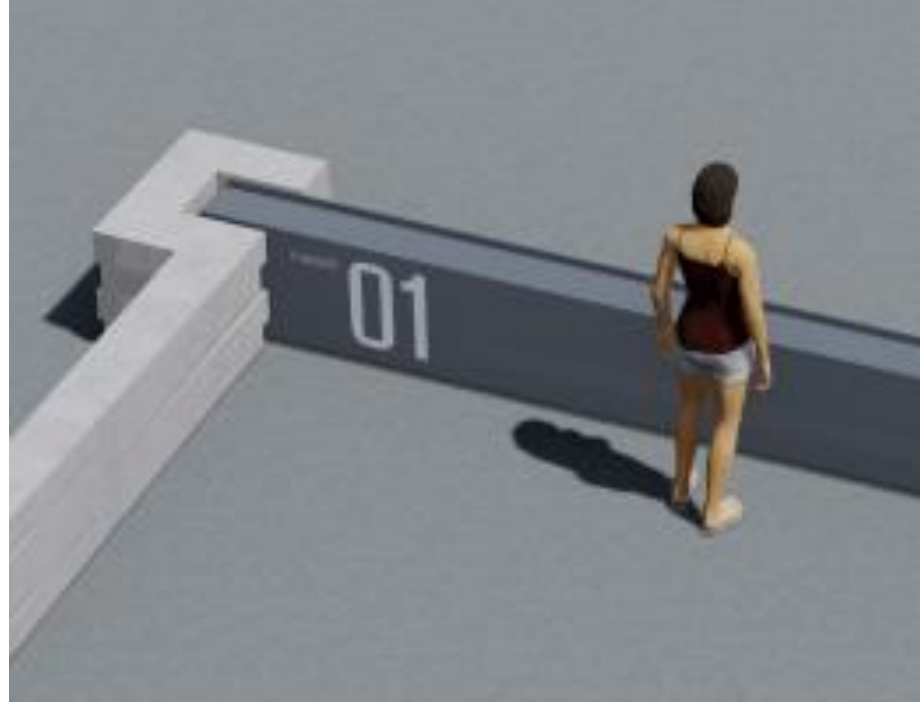
# Coastal Resiliency Design Elements



## Flood Wall —

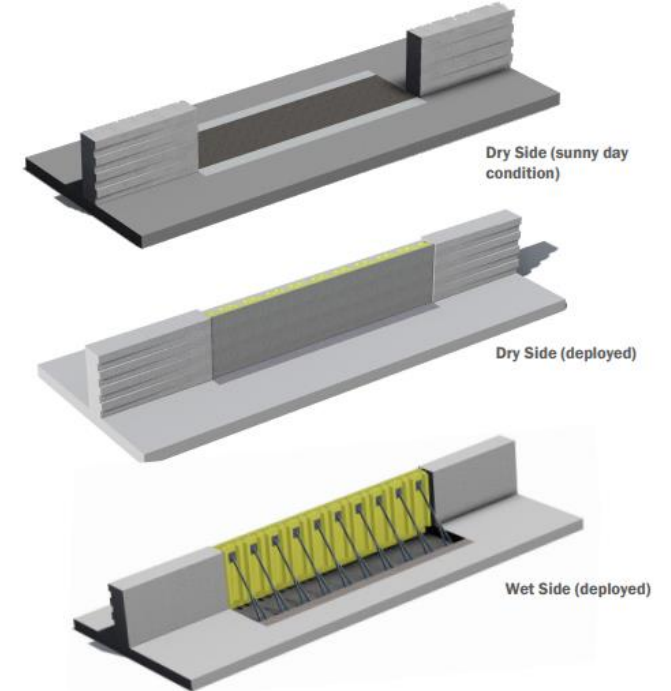
Concrete with banded pattern and published heights

Continue 4 ft. below grade and supported on pile foundations



## Roller Gate —

Grey painted steel with rounded corners and labeled numbers



## Flip-up Gate —

Alloy aluminum with stainless steel components

Hydraulically deployed or manual



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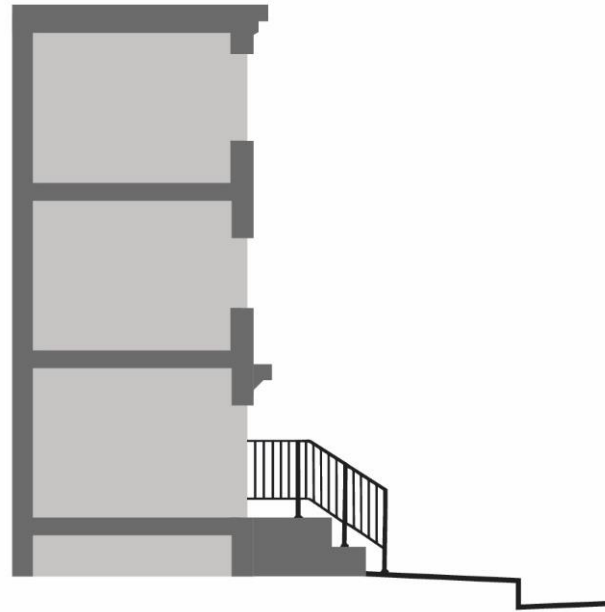
# PRIVATE PROPERTY COORDINATION

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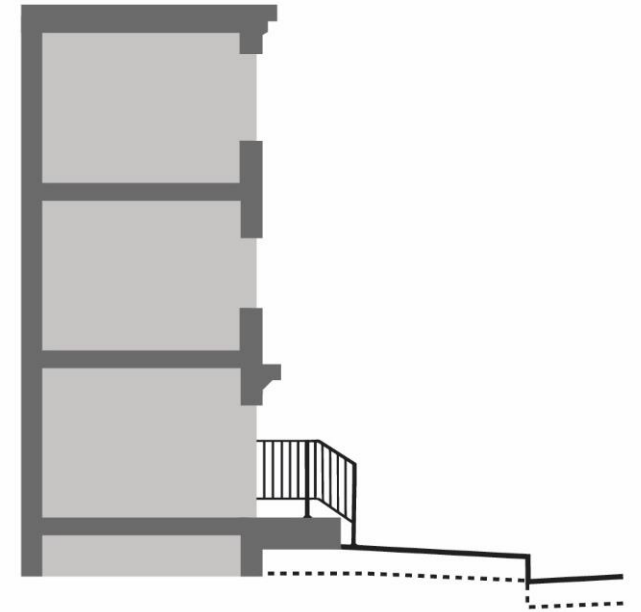
# Private Property Coordination

## Coordination Goals

- **Avoid/Minimize Impact**
- **Maintain Existing Property Usage**
- **Utilize Standard Materials**
- **Maintain Coordination Throughout Construction**



**Existing**

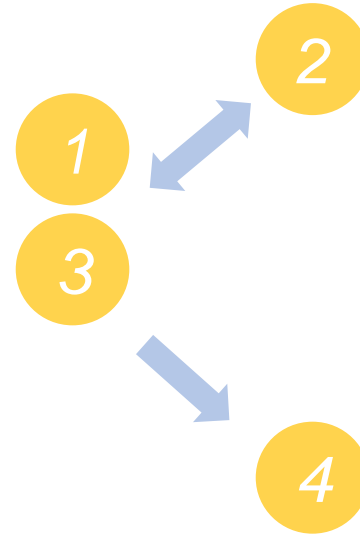


**Proposed**

# Private Property Coordination

## Work Flow

- 1 On-Site Meeting
- 2 Modification of plans *(if necessary)*
- 3 Obtain final sign-off
- 4 Construction Phase



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# SUMMARY + NEXT STEPS

# NEXT STEPS

## Private Property Coordination Consent Forms

**NYC DDC** Department of Design and Construction

Thomas Foley P.E., CCM, DBIA, NAC Commissioner	Thomas Wynne, P.E. Deputy Commissioner Infrastructure	Thu-Loan Dinh, P.E. Assistant Commissioner Design Unit and Coastal Resiliency-Design
Eric Macfarlane, P.E. First Deputy Commissioner	How Sheen Pau, P.E. Associate Commissioner Design Unit and Coastal Resiliency-Design	Eric Iljevich Director Coastal Resiliency-Design

**CERTIFIED MAIL RETURN  
RECEIPT REQUESTED**

11/11/2024

Property Owner  
123 Van Brunt Street,  
Brooklyn NY 11219

RE: **Property Owner Consent Letter**  
PROJECT ID: SANDRDHK Redhook Coastal Resiliency Project  
PROPERTY: 123 Van Brunt Street  
Block 1, Lot 1

Dear Property Owner:

The City of New York, through its Department of Design and Construction (DDC), plans to initiate the above-referenced project in Red Hook, Brooklyn. The goal of the project is to construct a flood protection system to address coastal flooding. Additionally, the project will enhance the Brooklyn Waterfront Greenway (BWG) at various locations within Red Hook.

DDC is writing to inform you that your property, referenced above, falls within the scope of the upcoming reconstruction project schedule to begin in early-to-mid-2025. Most construction activities will occur within the City's right-of-way; however, due to necessary grade changes and to minimize impact on your property, we need to obtain your permission to access your property for the following tasks:

- Removing Catch Basin
- Removing and replacing utility poles and trees

For your reference, a sketch illustrating the location of the planned work on your property is enclosed.

Prior to commencing the construction work, a representative from DDC will reach out to discuss the project details, coordinate schedules, and address any concerns you may have.

Accordingly, enclosed please find a copy of DDC's "CONSENT FORM." Please sign the form and return the "CONSENT FORM" to DDC in the enclosed, stamped, self-addressed envelope within thirty (30) from the date of receipt. (Mailing Address: NYC DDC, 30-30 Thomson Avenue, Long Island City, NY 11101, Attention: Eric

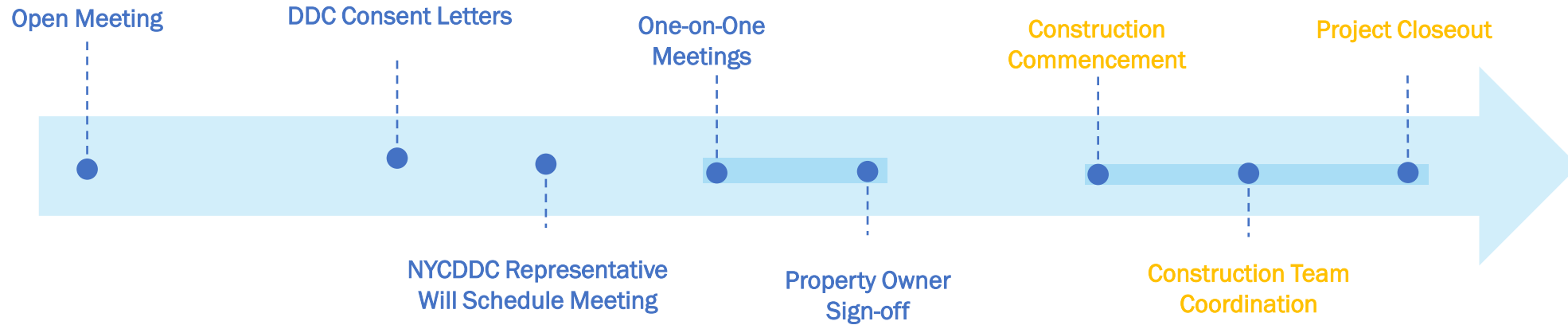
Date: \_\_\_\_\_  
House #: \_\_\_\_\_

Homeowner's Concerns:

Homeowner's Name: \_\_\_\_\_  
Signature: \_\_\_\_\_

# NEXT STEPS

## Private Property Coordination



# CONTACT US

www.nyc.gov/rhcr

rhcr@ddc.nyc.gov

