



East Bronx Waterfront Planning Committee Meeting #7

October 21, 2014

Agenda for Planning Committee Meeting #6

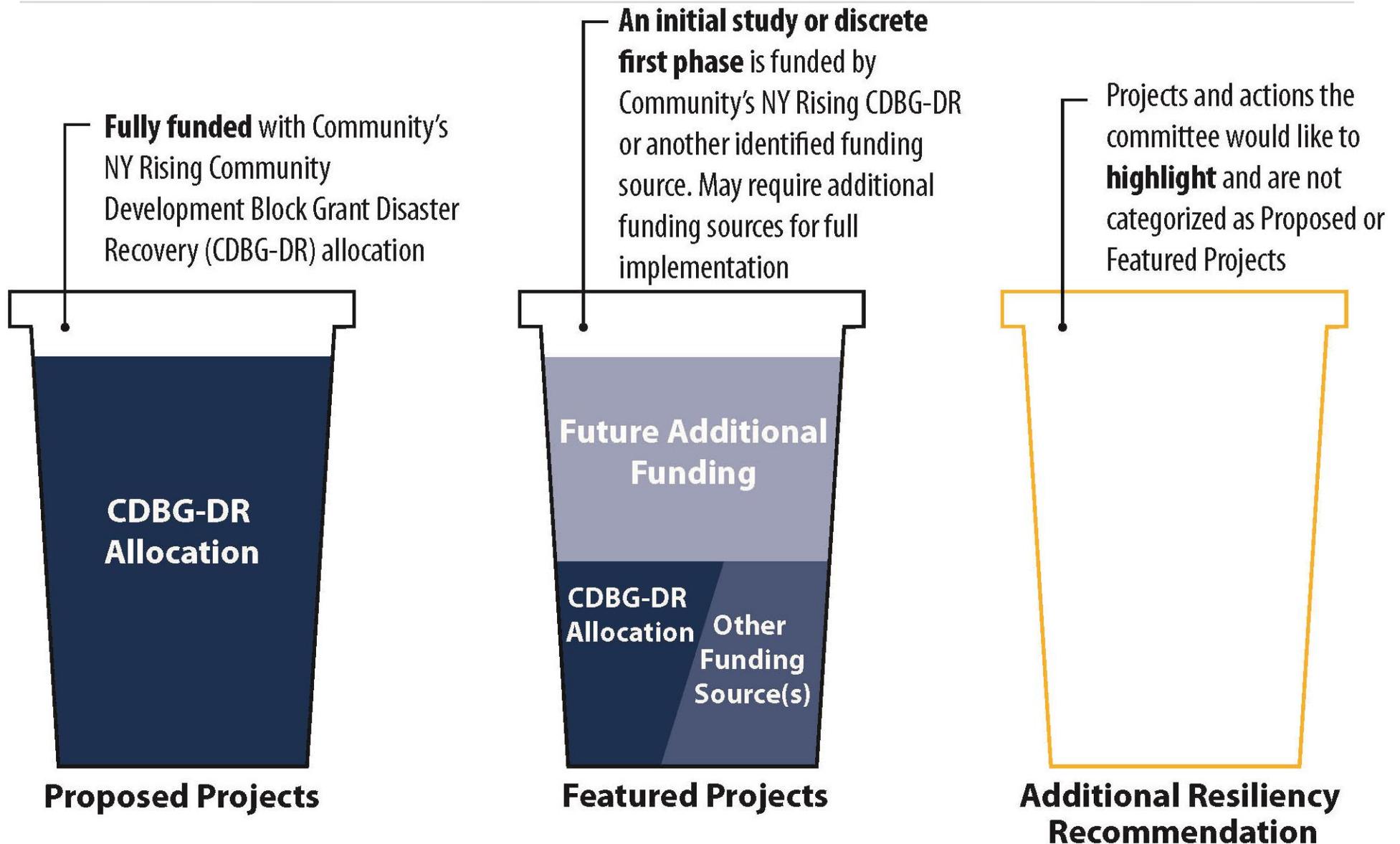
1. Project Discussion

6:00pm

2. Next steps

7:45pm

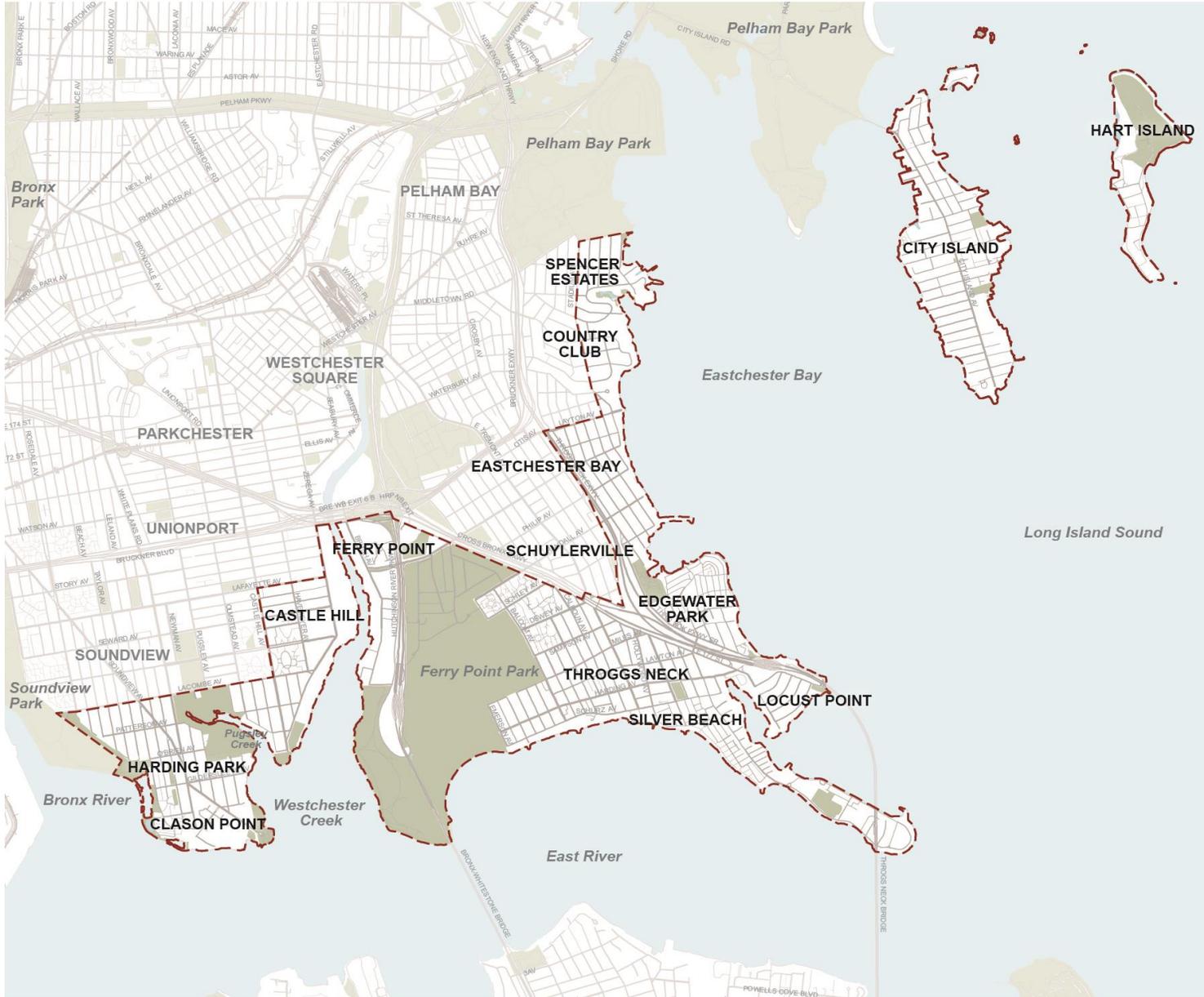
NY Rising Project Buckets



Evaluation criteria for NY Rising project prioritization

Term	Feasibility	Cost	Risk Reduction	Co-Benefits	Potential CDBG-DR Eligibility	Other Criteria?
<i>Short (1-2yrs), Mid (2-5yrs), Long (5+yrs)</i>	<i>High, Medium, Low</i>	<i>High, Medium, Low</i>	<i>High, Medium, Low</i>	<i>Resiliency Co-Benefits, Non- Resiliency Co-Benefits</i>	<i>High, Medium, Low</i>	

Community Approach to Project Prioritization - Regional



**New York Rising
Community Reconstruction Program
East Bronx Waterfront Planning Area**

East Bronx Waterfront Planning Area

Planning Area

New York City Department of City Planning, MAPPluto v13.1; Street Centerlines.



Resource Center

Key considerations:

LOCATION

- Outside of extreme flood-risk zone
- Proximity to:
 - Evacuation route
 - Commercial centers
- Has a large outdoor space

BUILDING

- Floodproofed
- Reliable source of power and heat/cooling
- Potable water system
- Parking lot/car-accessible
- Large space on ground floor
- ADA-accessible

ORGANIZATION

- Manages programming and operations
- Long history of community engagement
- Has capacity to provide emergency programming
- Has a long-term occupancy agreement

Sample Center Costs (per facility, assuming 7000SF building)

1. Back-up generator, 100kW	\$288,476
2. Natural Gas connection	\$15,000
3. Elevate mechanicals	\$8,500
4. Check valve	\$1,000
5. Flood door barriers - standard doors	\$3,000
6. Flood door barriers - garage door	\$10,000
7. Exterior waterproof coating	\$640
8. Interior waterproof coating	\$1,600

Resource Center and Local Emergency Plan

Area: Regional

Description:

Project would create a **network of resource centers and a local emergency plan** to facilitate the coordination of **emergency preparedness and post-disaster relief services.**

****Can choose to fund resource center(s) and plan together or separately**

****Costs are scale-able. Can increase or decrease depending on what project would fund.**



Emergency Plan

What format is the plan?

- Web-based platform
- Manual

Who writes the plan?

1. Community Organizations Active in Disaster (COAD)
 - Group of community members come together to create local emergency management plans
 - Outside facilitator would guide COAD through process
2. Outside consultant team/staff person
3. Community coordinator based in resource center or local community-based organization

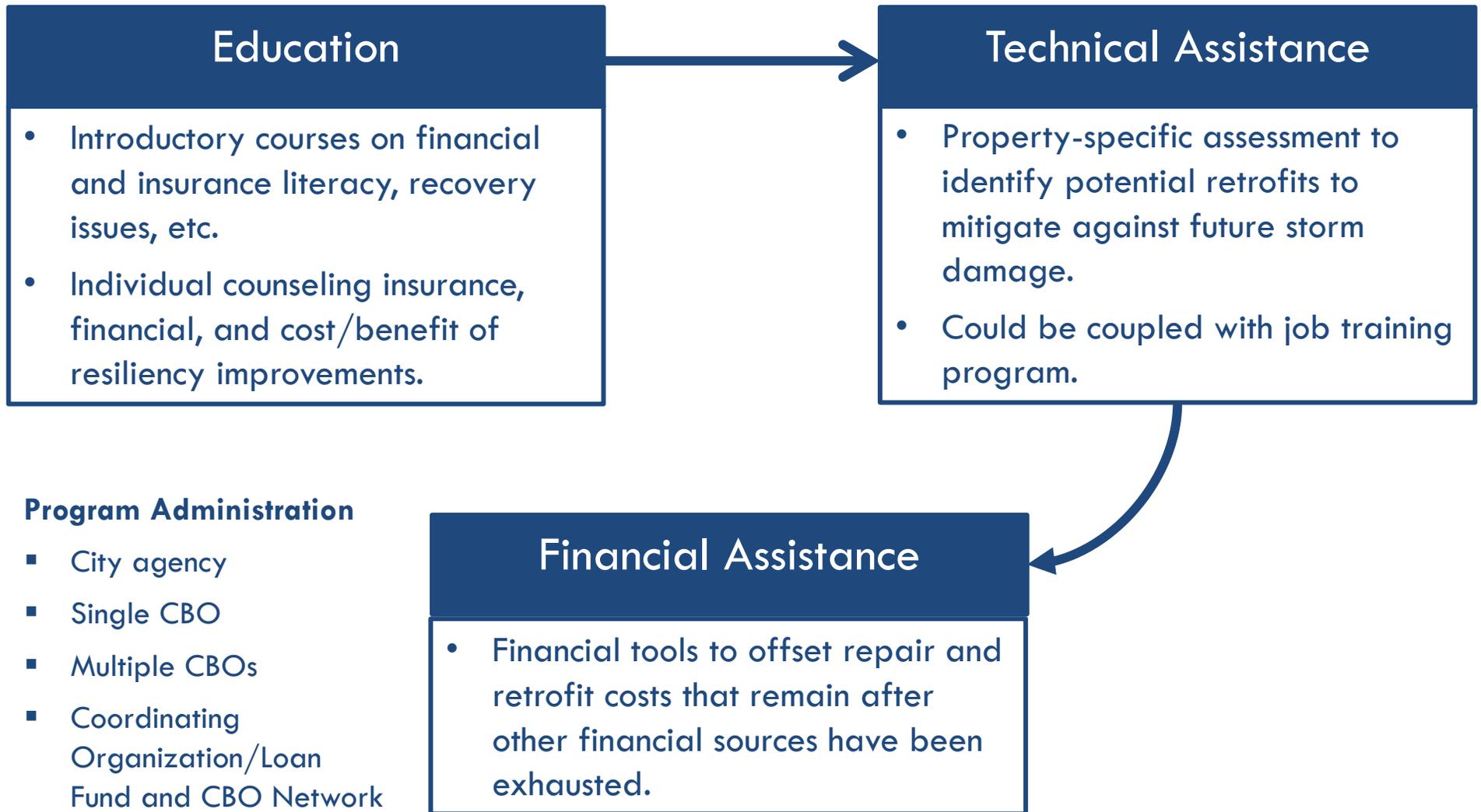


Go To High Ground

1. Education
2. Focus on vulnerable populations and their specific needs
3. Protection of automobiles
4. Physical signage to support where people need to move to get away from flood



Housing Projects



Building-Level Resiliency Education

Area: Regional

Description:

Project would fund **community education** and **one-on-one counseling** to owners or renters of businesses, single-family homes, and multi-family homes to eliminate confusion around retrofitting for resiliency, flood insurance, and other financial questions.

****Costs are scale-able. Can increase or decrease depending on what project would fund.**



Building Flood Audit Program and Financing

Area: Regional

Description:

Project would provide **technical assistance** and **financial tools** to low and moderate income single family homeowners, multi-family homeowners, and business owners who want to retrofit their buildings so that they can mitigate future storm risk.

****Costs are scale-able. Can increase or decrease depending on what project would fund.**



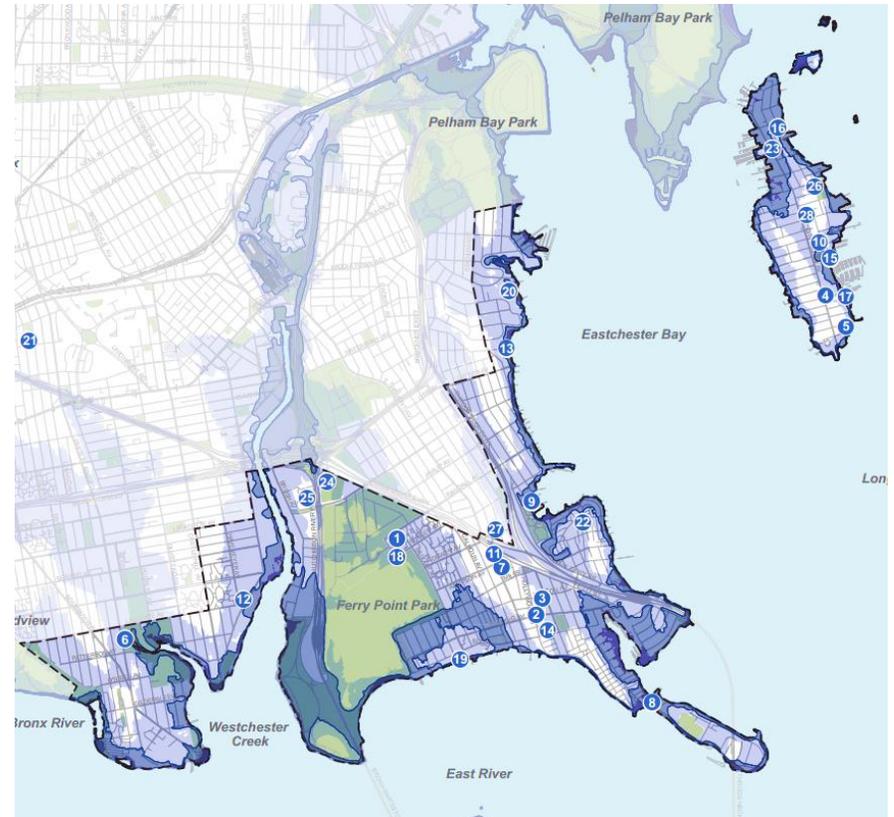
Community Facility Capital Fund

Area: Regional

Description:

Project would create a fund to **finance resiliency improvements for key community buildings and buildings that serve vulnerable populations.**

**Selection of sites and participating organizations would occur through a rolling competitive application process



Low Cost Financing for Coastal Protection Measures

Area: Regional

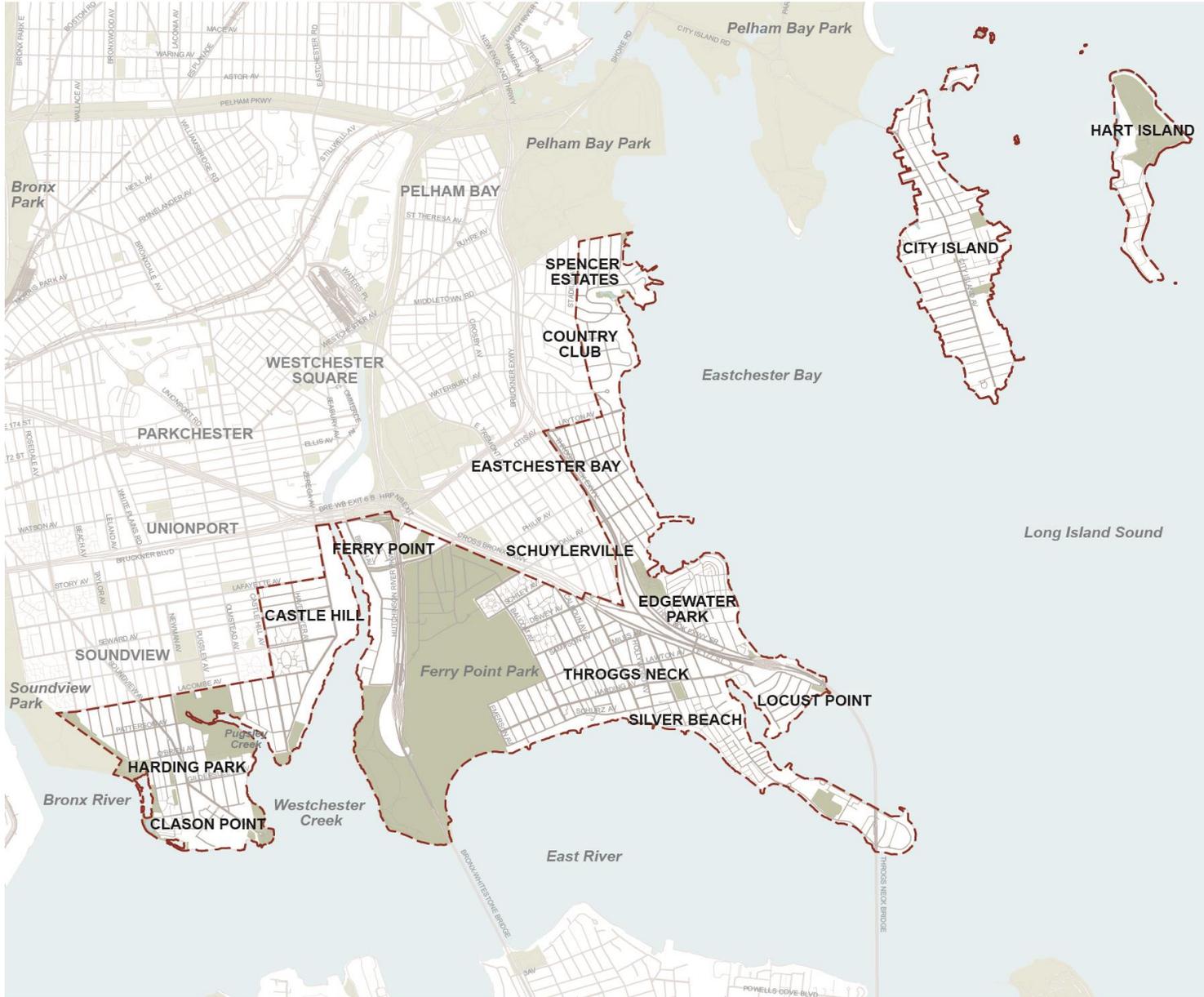
Description:

Project would create a fund to support private investments in coastal protection measures which mitigate the impacts of climate change and/or future storm events.

****Coastal protection measures tend to be long term and expensive**



Community Approach to Project Prioritization - Local



**New York Rising
Community Reconstruction Program
East Bronx Waterfront Planning Area**

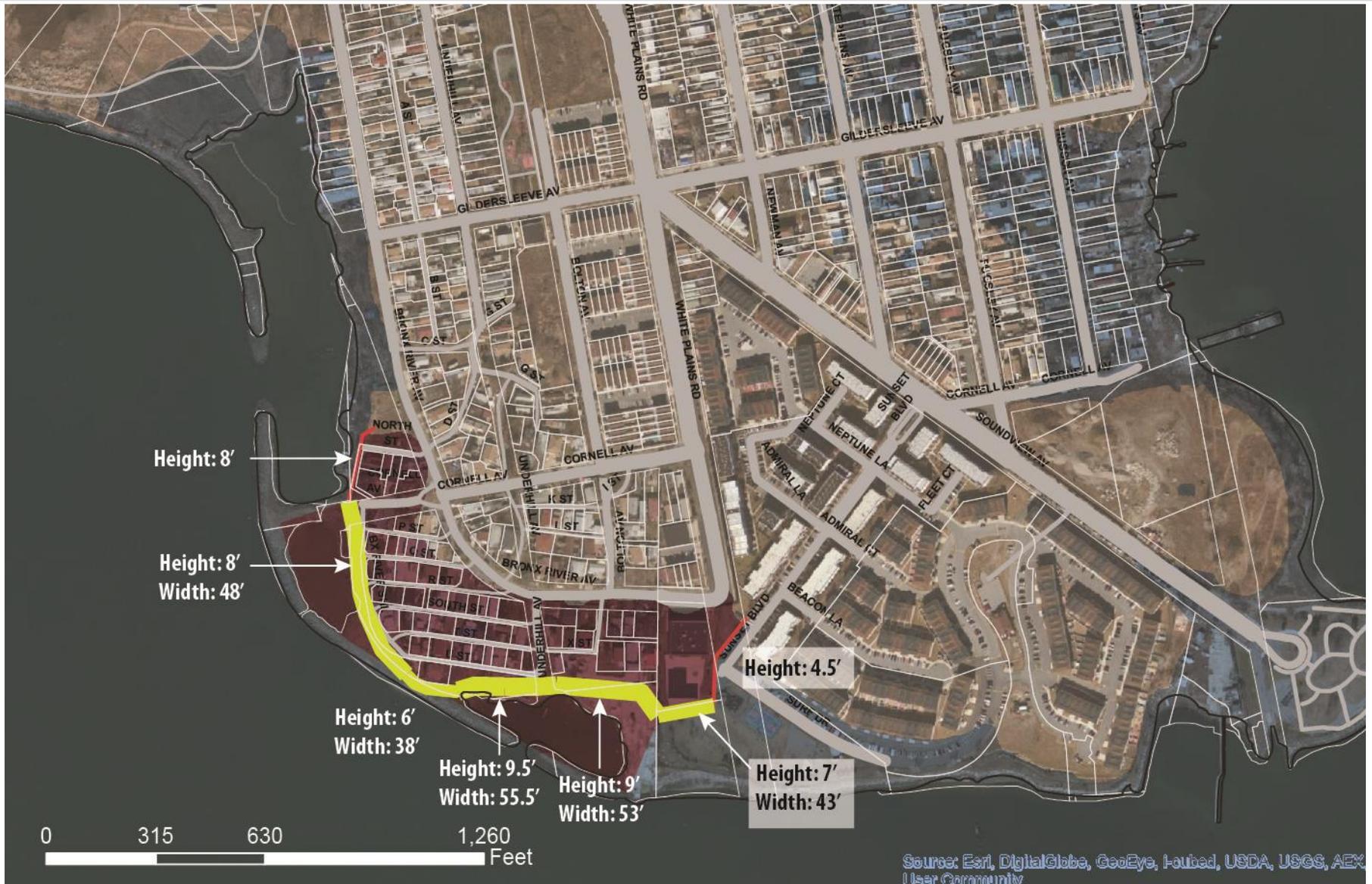
East Bronx Waterfront Planning Area

Planning Area

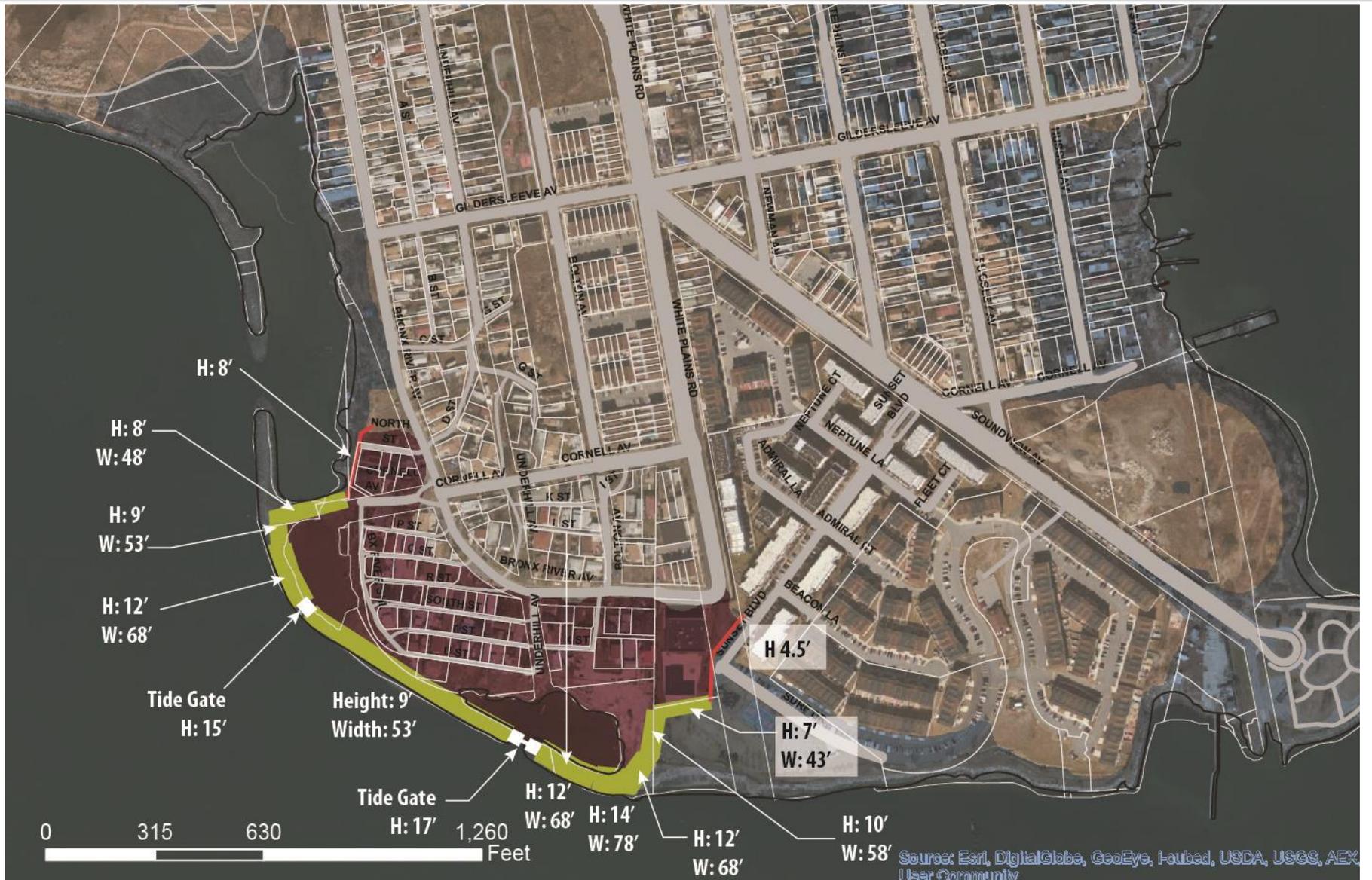
New York City Department of City Planning, MAPPluto v13.1; Street Centerlines.



Harding Park Edge Protection



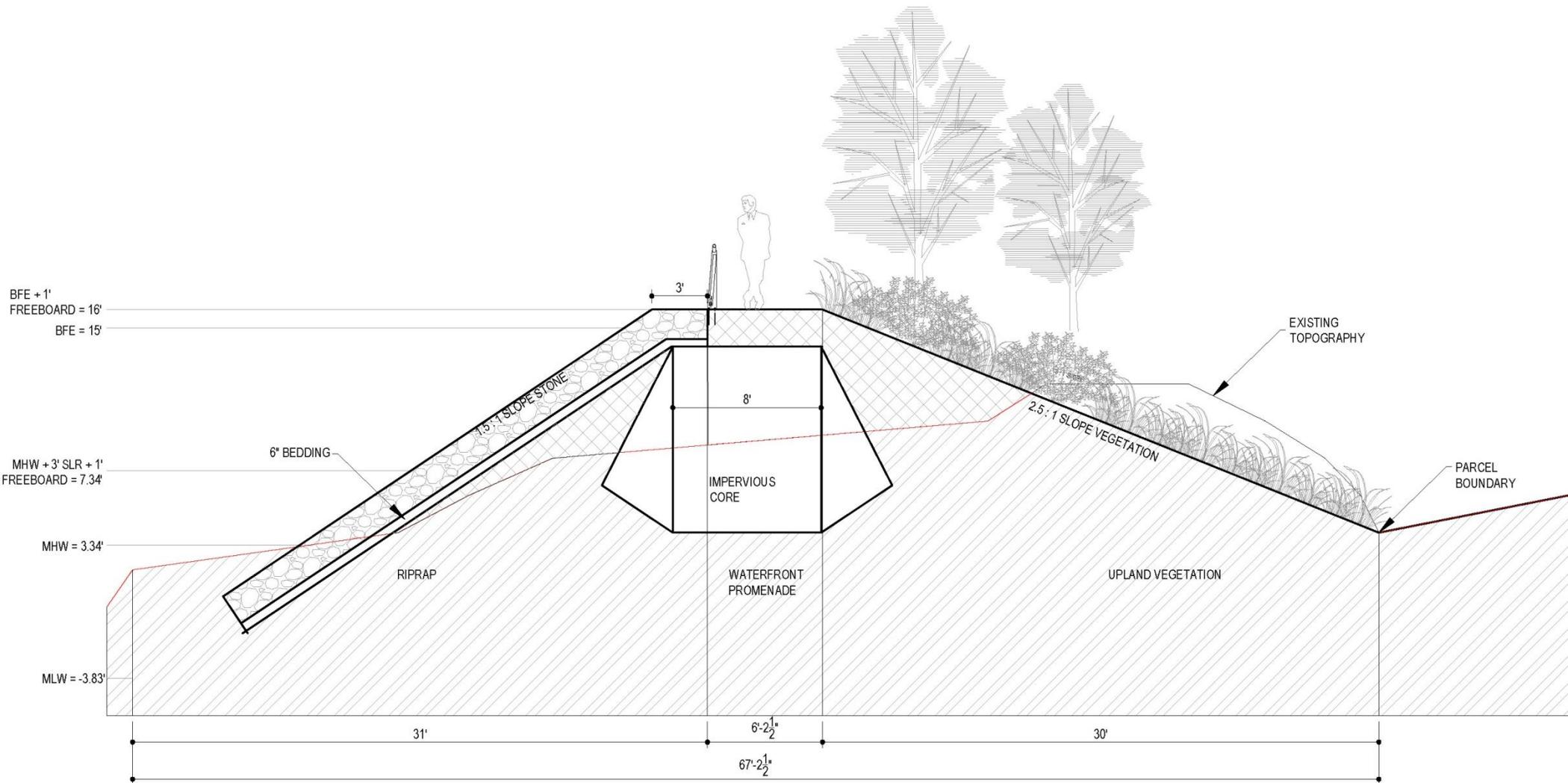
Harding Park Edge Protection



Harding Park Edge Protection



Harding Park Edge Protection - Section



Westchester Creek Waterfront Plan



WATERFRONT ACCESS is limited

BIKE + PEDESTRIAN PATH is fragmented

UNDERUTILIZED LOTS create dead zones along waterfront

100 YEAR FLOOD affects many waterfront properties

Westchester Creek Waterfront Plan



WATERFRONT ACCESS is maximized

BIKE + PEDESTRIAN PATH is continuous

NEW DEVELOPMENT revitalizes the community

100 YEAR FLOOD is reduced

Westchester Creek Waterfront Plan



PROPOSED PLAN | Westchester Creek

RESILIENCY BENEFITS:

STORMWATER issues are reduced by increased pervious cover

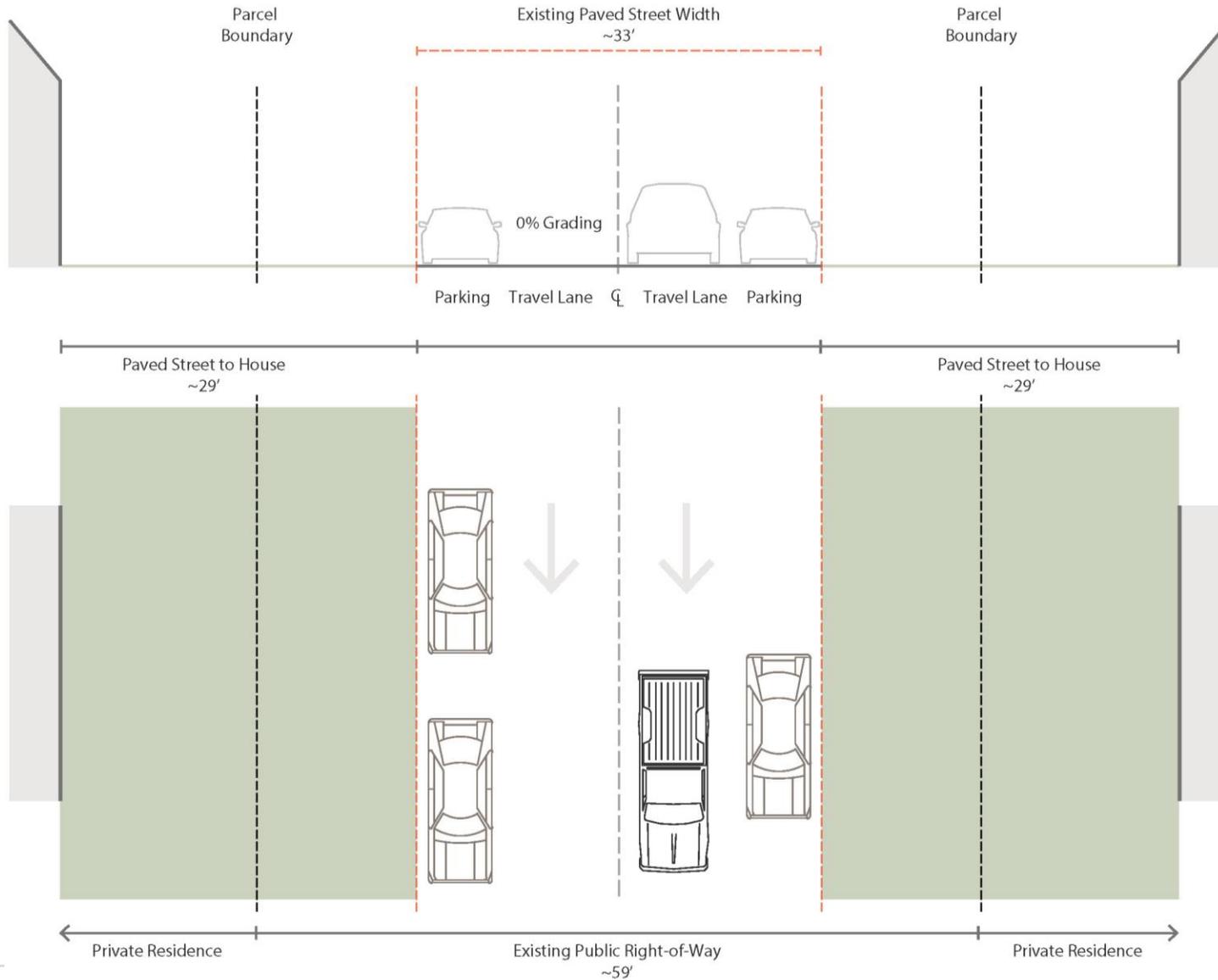
WATER QUALITY is improved by increased pervious cover and restored marshland

HABITAT is maximized

FLOOD is reduced by integrated and multi-use flood protection measures along the greenway

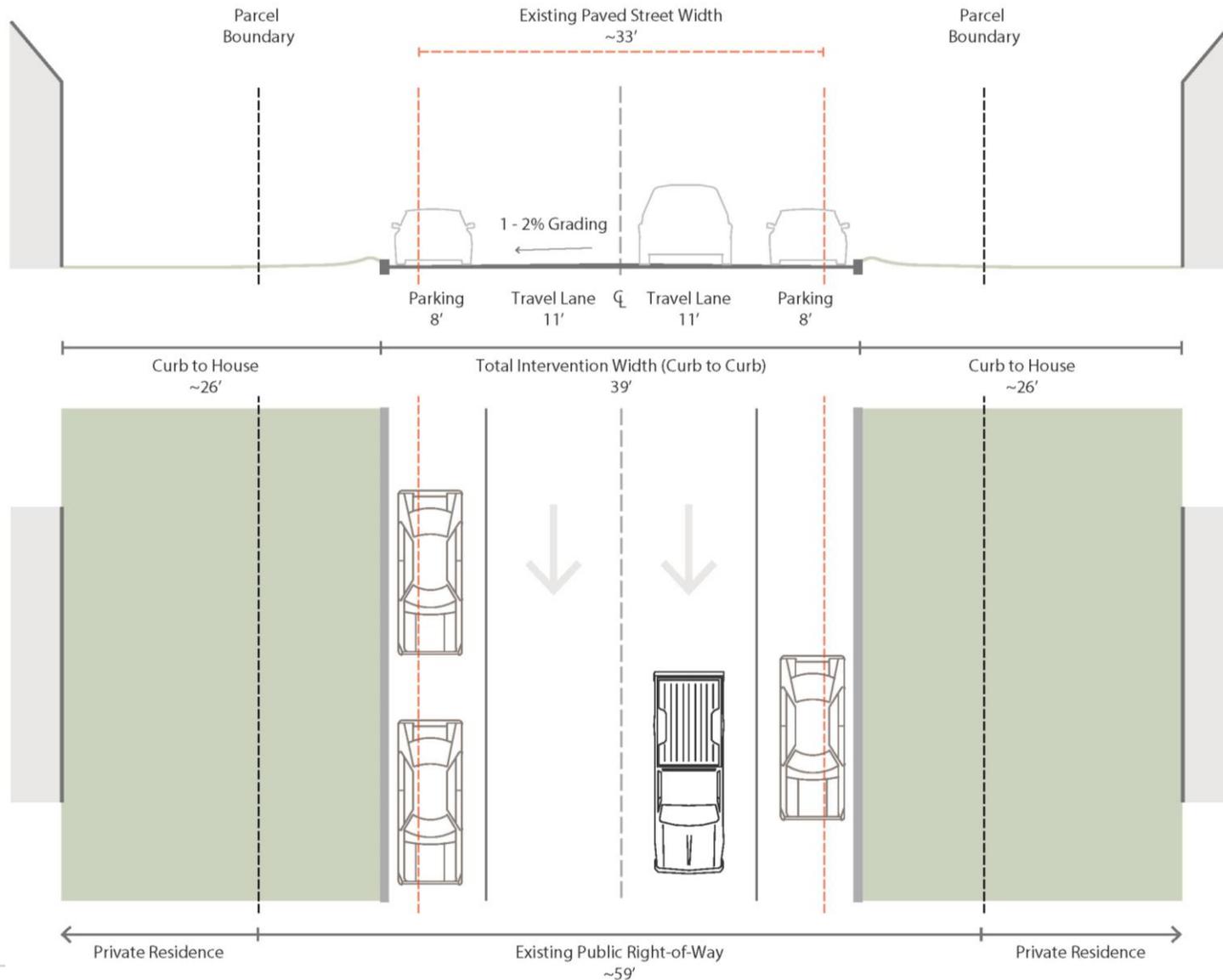
Ferry Point Drainage Pattern Redesign

Rohr Place Existing Conditions



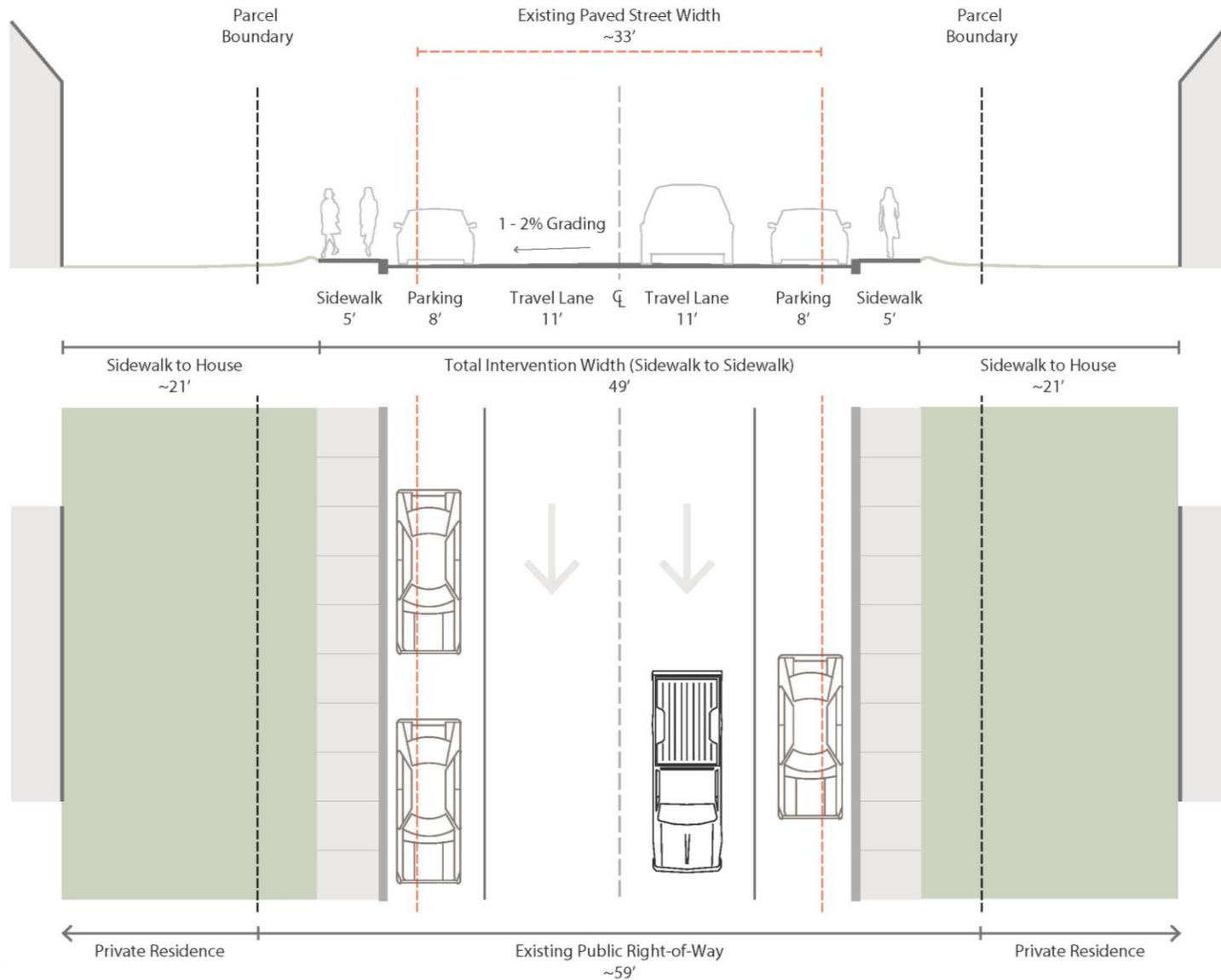
Ferry Point Drainage Pattern Redesign

Rohr Place Potential Regrading + Street Reconfiguration
Two travel lanes, two parking lanes, without sidewalks



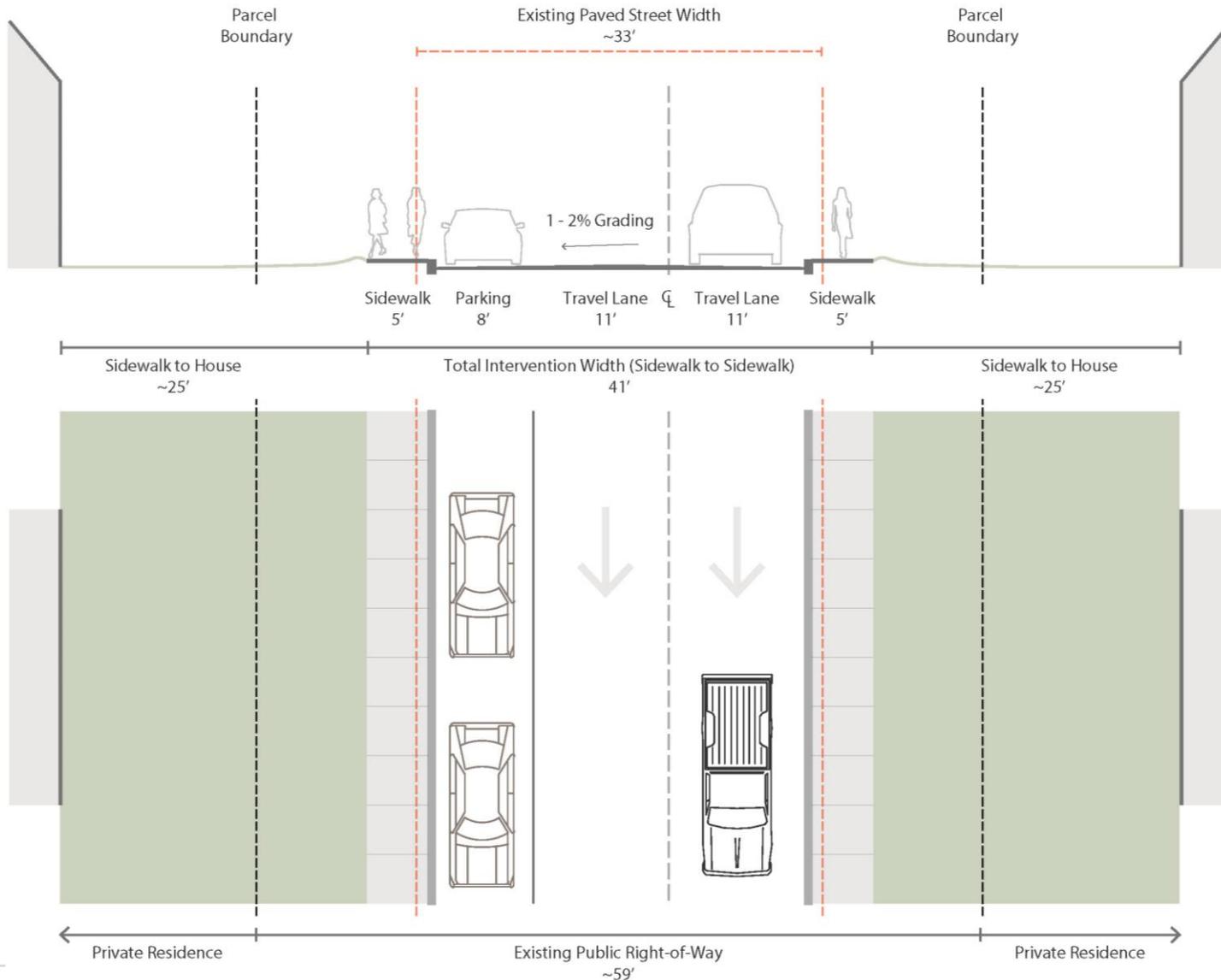
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Rohr Place Potential Regrading + Street Reconfiguration
Two travel lanes, two parking lanes, with sidewalks



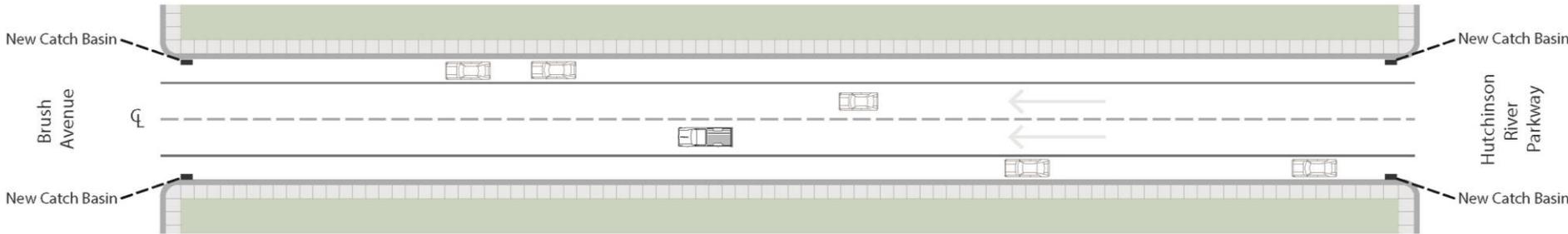
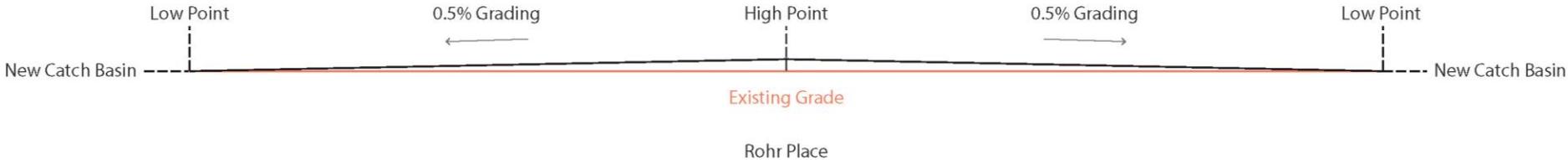
Ferry Point Drainage Pattern Redesign

Rohr Place Potential Regrading + Street Reconfiguration
Two travel lanes, one parking lane, with sidewalks

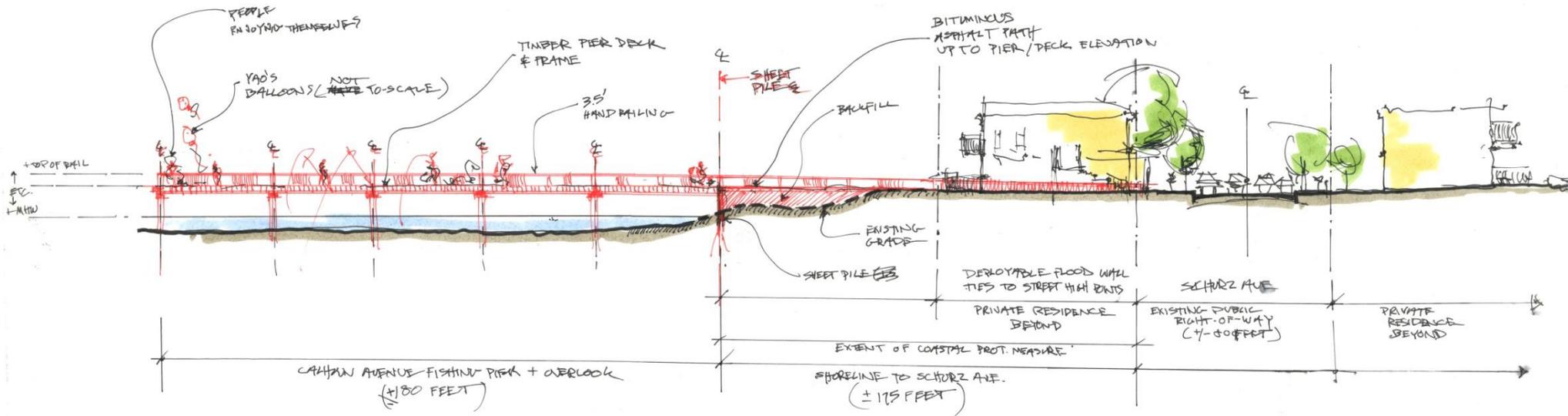


Ferry Point Drainage Pattern Redesign

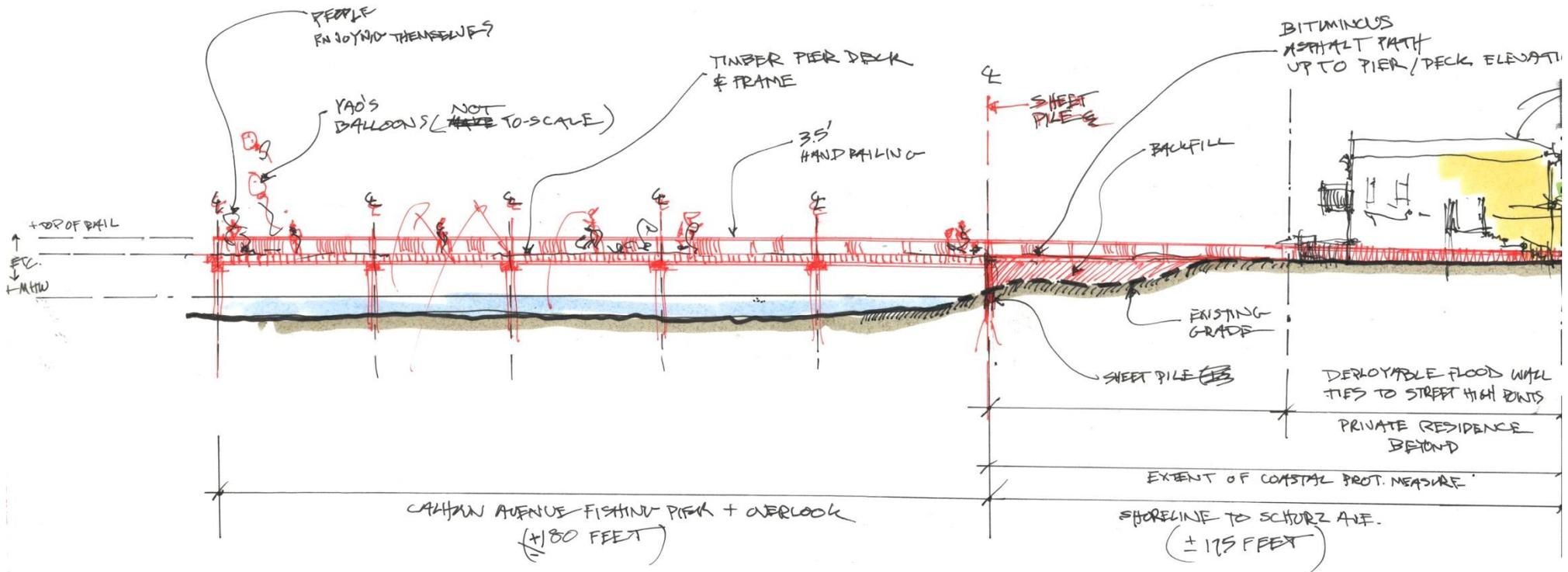
Rohr Place Potential Regrading + Street Reconfiguration
New catch basins at street ends



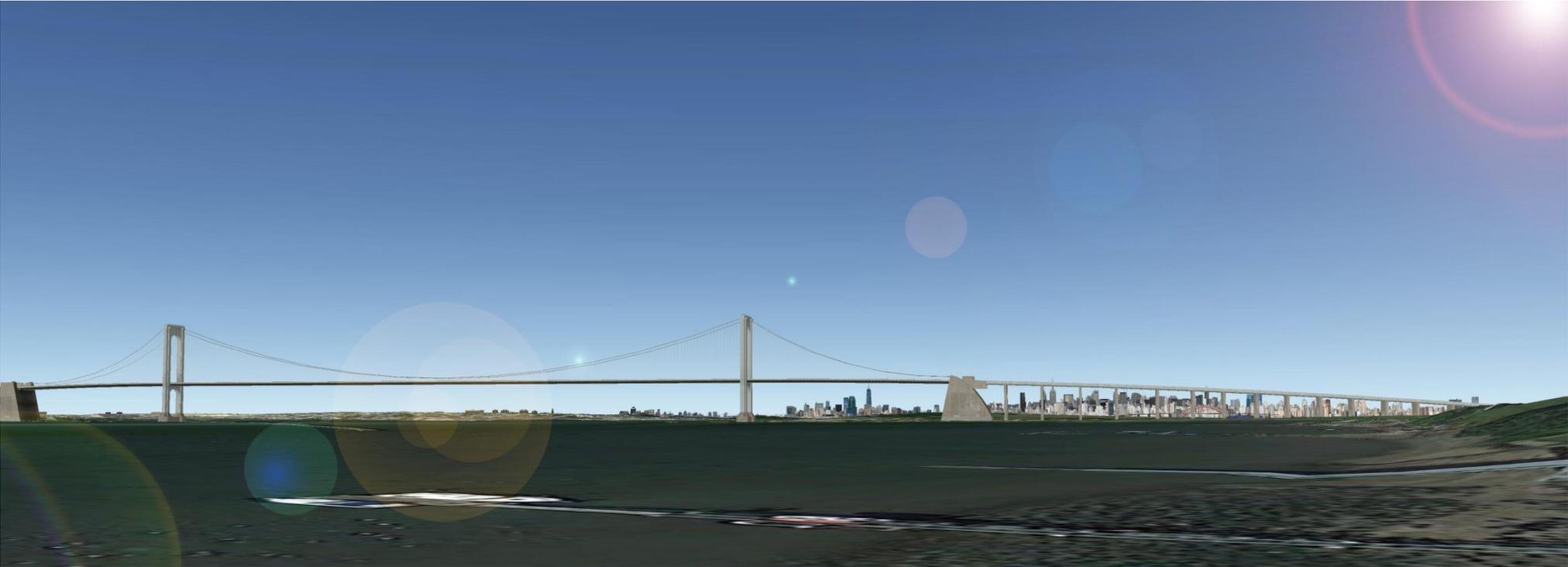
Calhoun Avenue Street End Deployable Flood Wall and Overlook



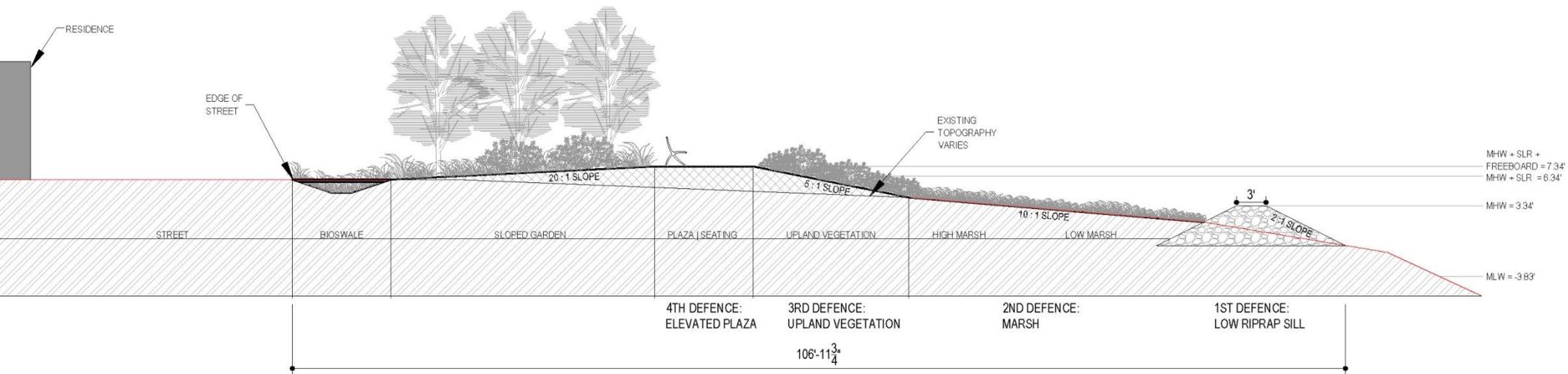
Calhoun Avenue Street End Deployable Flood Wall and Overlook



Calhoun Avenue Street End Deployable Flood Wall and Overlook



Hammond Cove



Locust Point Civic Center

Area: Locust Point

Description:

Project would provide funds for **hardening** and **creating floor space about flood elevation** of the Locust Point Civic Association Building.

**Elevation may be cost prohibitive, but could possibly add a floor



Source: Daniel Beekman/New York Daily News

North Tower Firehouse

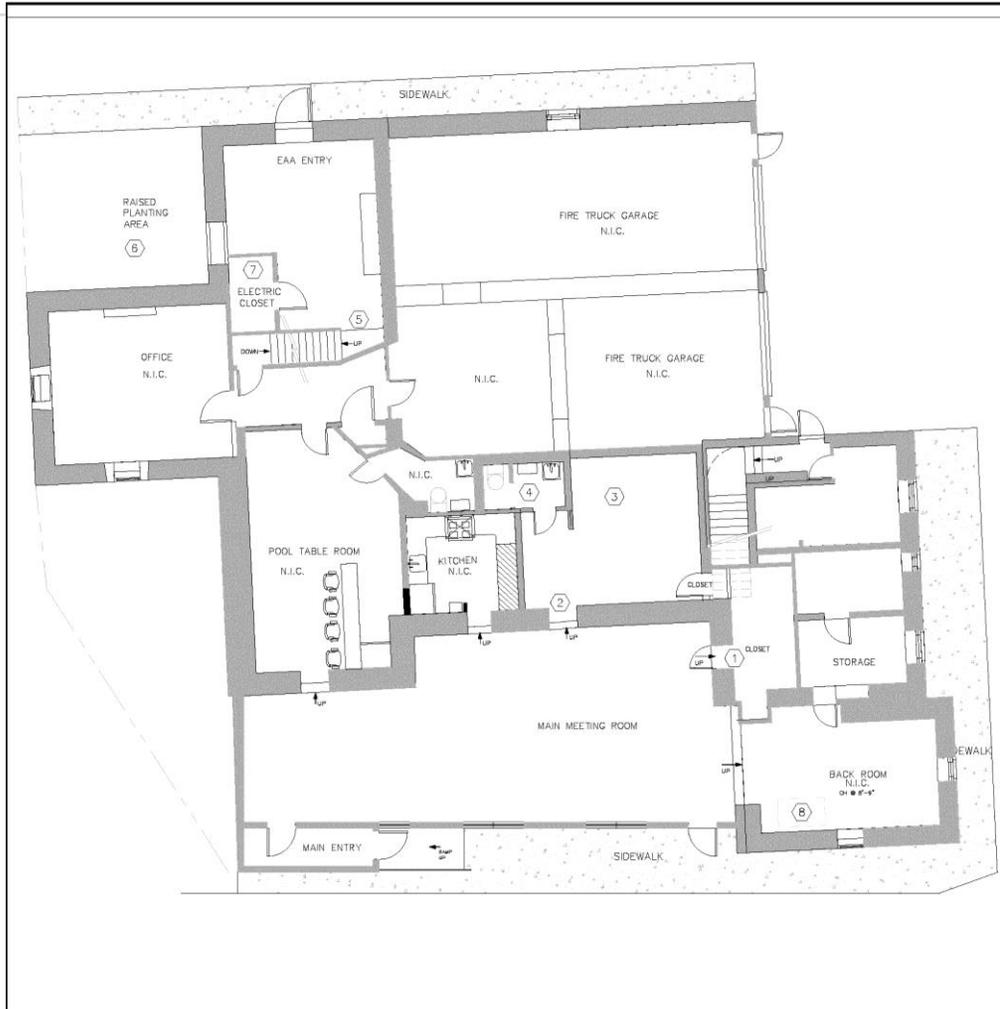
Area: Edgewater Park

Description:

Project would **rehabilitate** and **harden** the structure so that the Firehouse can adequately withstand and support the community after future storm events.



North Tower Firehouse



EXISTING PLAN KEYNOTES:

- ① EXISTING OPENING TO BE MADE WIDER, AND AREA TO BE PREPARED FOR INSTALLATION OF NEW ELEVATOR LIFT.
- ② EXISTING FLOORING TO BE REMOVED AND NEW FLOOR TO BE INSTALLED AT LOWER LEVEL, TO MATCH EXISTING MAIN MEETING ROOM FLOOR. EXISTING ROOM OPENING TO BE MADE WIDER TO MEET 44" WIDTH.
- ③ LOCATION OF (1) NEW UNISEX ADA TOILET ROOM AND (1) NEW WOMEN'S ROOM. SEE NEW CONSTRUCTION PLAN.
- ④ NEW TOILET ROOM FIXTURES AND ALL NEW FINISHES.
- ⑤ EXISTING WOOD STAIRS TO BE REMOVED AND REPLACED WITH NEW STEEL STAIRS.
- ⑥ PROPOSED LOCATION FOR NEW DIESEL GENERATOR AND ITS CORRESPONDING FUEL TANK.
- ⑦ EXISTING ELECTRICAL SERVICE AND PANELS TO BE EXAMINED FOR ADEQUACY. UPDATES TO SYSTEM IS ASSUMED TO BE REQUIRED.
- ⑧ LOCATION OF ACCESS TO BASEMENT LEVEL FOR INSTALLATION OF NEW FOOTINGS AND STRUCTURAL SUPPORT OF NEW ELEVATOR LIFT.

EXISTING PLAN GENERAL NOTES:

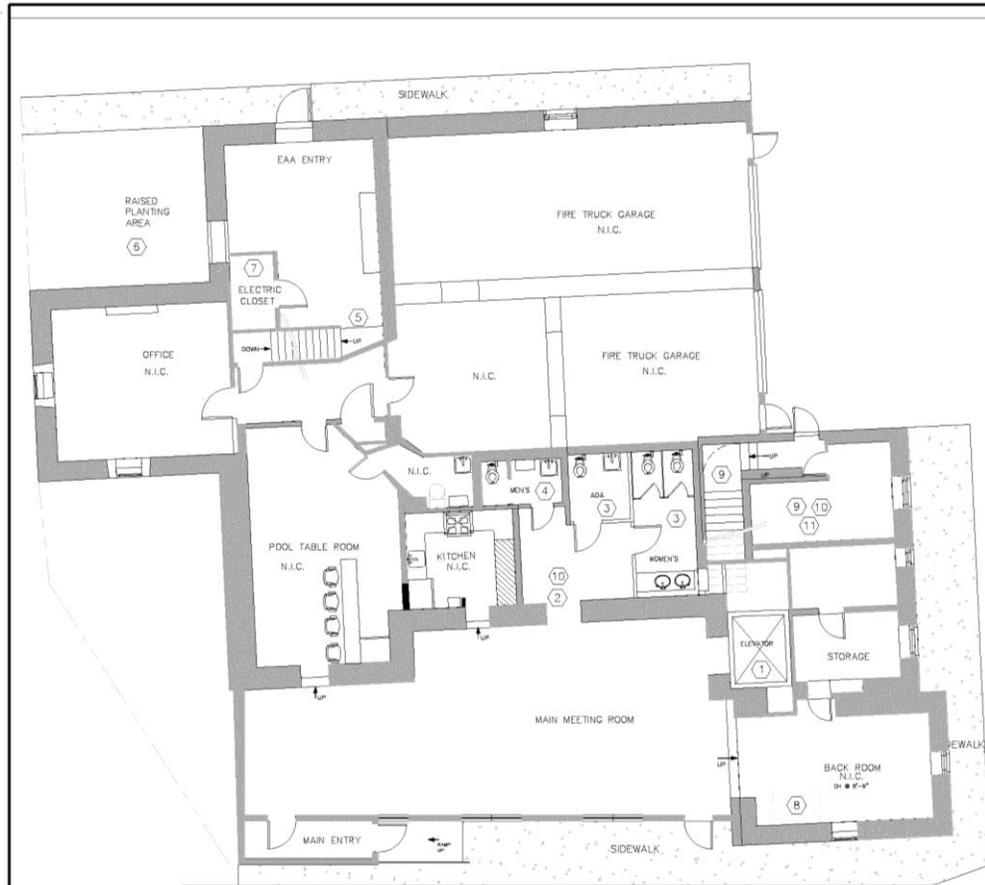
THE GENERAL NOTES THAT APPEAR HERE APPLY TO ALL DRAWINGS.

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE AND GOVERNING BUILDING CODES AND STANDARDS.
2. NEW WALLS AND FINISHES SHOWN ALIGNED WITH BASE BUILDING STRUCTURE SHALL BE FLUSH AND SMOOTH WITH BASE BUILDING STRUCTURE.
3. FIELD VERIFY ALL DIMENSIONS.
4. ALL EXISTING SURFACES DAMAGED DURING THE COURSE OF CONSTRUCTION WORK SHALL BE REPAIRED TO MATCH CONDITIONS PRESENT PRIOR TO COMMENCEMENT OF WORK.
5. CONTRACTOR TO FLASH PATCH AND PREPARE FLOORS FOR THE INSTALLATION OF NEW FINISH FLOORING.
6. ONCE PLANS ARE APPROVED CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY WORK PERMITS INCLUDING BUT NOT LIMITED TO HAND AND ELECTRICAL PERMITS. ALL PERMITS TO BE APPLIED FOR AND OBTAINED BY LICENSED ELECTRICIAN AND HAC REP.

EXISTING GROUND FLOOR PLAN SCALE: 1/4"=1'-0"

Project Name		EDGEWATER PARK RELIEF CENTER RENOVATION BRONX, NEW YORK 10465				
Drawing Name		EXISTING PLAN				
Date	Drawing No.	Scale	Drawn by:			
10/20/14	EX-1	1/8"=1'-0"	VJA	2		Date
				1	ISSUED FOR REVIEW & BID	Date
						10/20/14

North Tower Firehouse



CONSTRUCTION PLAN KEYNOTES:

- ① LOCATION OF NEW ELEVATOR LIFT. CONTRACTOR TO FURNISH AND INSTALL ALL APPROPRIATE STEEL STRUCTURAL SUPPORTS AND NEW FOOTINGS AS REQUIRED. CONTRACTOR TO PROVIDE ALL NECESSARY SHORING OF EXISTING STRUCTURE AND FRAMING FOR NEW ADA LIFT HOODING.
- ② EXISTING FLOORING TO BE REMOVED AND NEW FLOOR TO BE INSTALLED AT LOWER LEVEL TO MATCH EXISTING MAIN MEETING ROOM FLOOR. EXISTING ROOM OPENING TO BE MADE WIDER TO MEET 44" WIDTH. FLOOR FINISH TO MATCH EXISTING.
- ③ LOCATION OF (1) NEW UNISEX ADA TOILET ROOM AND (1) NEW WOMEN'S ROOM. CONTRACTOR TO PROVIDE NEW TOILET FIXTURES AND ALL NECESSARY ACCESSORIES, INCLUDING NEW CERAMIC TILE FLOOR AND WALLS.
- ④ EXISTING MEN'S ROOM PLUMBING FIXTURES TO BE REPLACED WITH NEW TOILET ROOM FIXTURES AND ALL NEW FINISHES, INCLUDING NEW STALL WALLS AND NEW CERAMIC FLOOR AND WALL TILES.
- ⑤ EXISTING WOOD STAIRS TO BE REMOVED AND REPLACED WITH NEW STEEL STAIRS.
- ⑥ PROPOSED LOCATION FOR NEW DIESEL GENERATOR AND ITS CORRESPONDING FUEL TANK. CONTRACTOR TO PROVIDE COST TO DESIGN, FURNISH AND INSTALL NEW GENERATOR.
- ⑦ EXISTING ELECTRICAL SERVICE AND PANELS TO BE EXAMINED FOR ADEQUACY. UPGRADES TO SYSTEM IS ASSUMED TO BE REQUIRED.
- ⑧ LOCATION OF ACCESS TO BASEMENT LEVEL FOR INSTALLATION OF NEW FOOTINGS AND STRUCTURAL SUPPORT OF NEW ELEVATOR LIFT.
- ⑨ DEMOLITION OF ALL FINISHES IN THIS AREA, INCLUDING EXISTING STAIRS AND RAILING TO UPPER LEVELS. CONTRACTOR TO INSTALL NEW FINISHES, INCLUDING REPAIR OF FLOOR JOISTS AS REQUIRED, WITH NEW FLOORING AND GYPSUM BOARD WALLS AND REPAIR OR REPLACEMENT OF DAMAGED EXTERIOR WINDOWS. STAIR RAILING TO BE REINFORCED, REFINISHED AND REINSTALLED.
- ⑩ CONTRACTOR TO FURNISH AND INSTALL NEW LIGHT FIXTURES IN THIS AREA AS WELL AS WITHIN STAIR WELL.
- ⑪ CONTRACTOR TO PROVIDE COST TO INSTALL NEW FIRE ALARM SYSTEM THROUGHOUT.

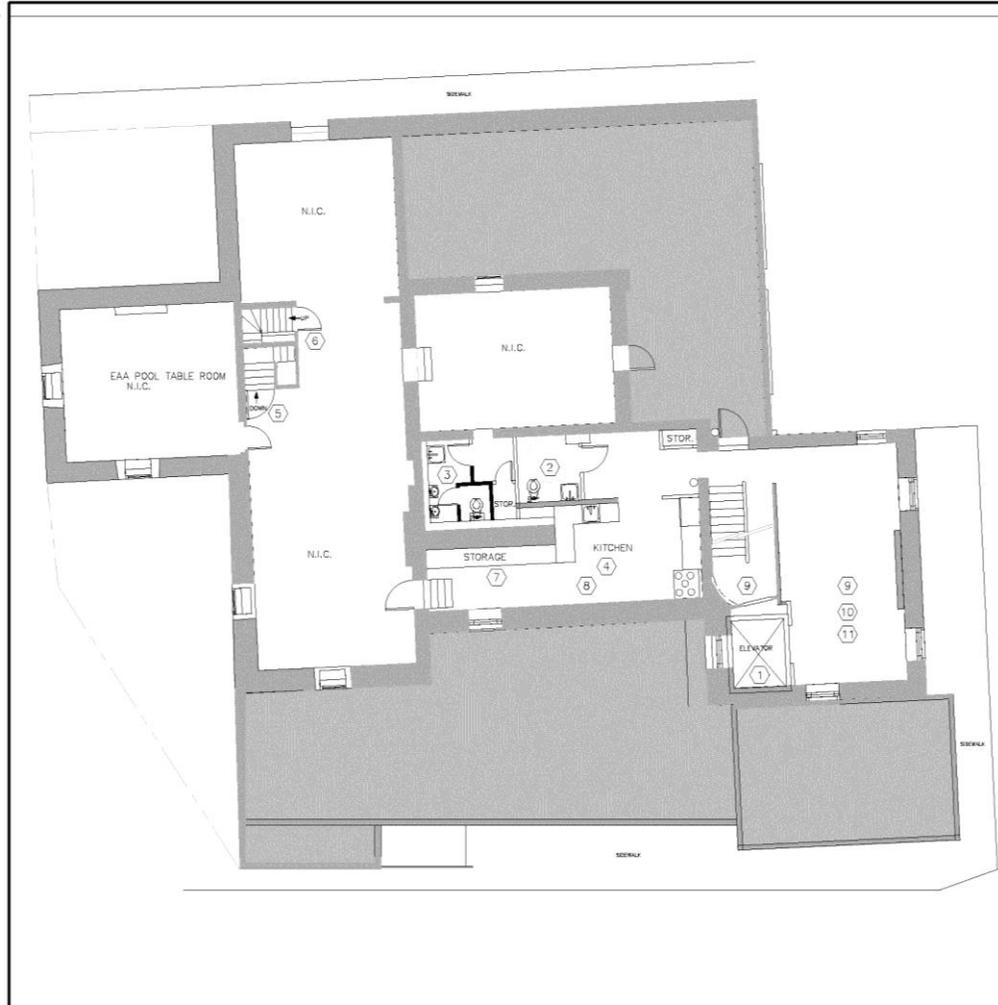
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 5. CONTRACTOR TO FLASH PATCH AND PREPARE FLOORS FOR THE INSTALLATION OF NEW FINISH FLOORING.
 6. ONCE PLANS ARE APPROVED CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY WORK PERMITS INCLUDING BUT NOT LIMITED TO HVAC AND ELECTRICAL PERMITS. ALL PERMITS TO BE APPLIED FOR AND OBTAINED BY LICENSED ELECTRICIAN AND HVAC TECH.

GROUND FLOOR CONSTRUCTION PLAN SCALE: 1/4"=1'-0"

Project Name EDGEWATER PARK RELIEF CENTER RENOVATION BRONX, NEW YORK 10465				
Drawing Name CONSTRUCTION PLAN				
Date 10/20/14	Drawing No. PCO-1	Scale 1/8"=1'-0"	Drawn by S.F.	
			2	Date
			1	ISSUED FOR REVIEW & BID Date 10/20/14

North Tower Firehouse



CONSTRUCTION PLAN KEYNOTES:

- 1 LOCATION OF NEW ELEVATOR LIFT.
- 2 CONTRACTOR TO INSTALL NEW ADA COMPLIANT TOILET ROOM INCLUDING NEW PLUMBING FIXTURES AND ALL NECESSARY ACCESSORIES, AND FURNISH AND INSTALL NEW CERAMIC FLOOR AND WALL TILE.
- 3 EXISTING TOILET ROOM FIXTURES TO BE REMOVED AND REPLACED WITH NEW, INCLUDING NEW CERAMIC FLOOR AND WALL TILE.
- 4 NEW RENOVATED KITCHEN WITH NEW PLASTIC LAMINATE COUNTER TOP WITH PLASTIC LAMINATE BASE AND UPPER CABINETS 120" FULL HEIGHT REFRIGERATOR, NEW STOVE, NEW FLOORING, NEW DISPLAY BOARD WALLS AND NEW ADJUSTABLE CEILING GRID AND TILE WITH NEW LIGHT FIXTURES.
- 5 EXISTING WOOD STAIRS TO BE REMOVED AND REPLACED WITH NEW STEEL STAIRS.
- 6 LOCATION OF STAIRS TO ACCESS ATTIC AND EXISTING HVAC DUCTWORK THAT IS SLATED TO BE UPGRADED TO FEED AND SUPPLY THE NORTH TOWER FLOORS.
- 7 NEW STORAGE CLOSETS WITH NEW PLASTIC LAMINATE SHELVING.
- 8 ALL EXISTING ELECTRICAL SERVICE AND PANELS TO BE EXAMINED FOR ADEQUACY; UPDATES TO SYSTEM IS ASSUMED TO BE REQUIRED.
- 9 DEMOLITION OF ALL FINISHES IN THIS AREA, INCLUDING EXISTING STAIRS AND BALING TO EXPOSE JOISTS. CONTRACTOR TO INSTALL NEW FINISHES, INCLUDING REPAIR OF FLOOR JOISTS AS REQUIRED, WITH NEW FLOORING AND CEILING BOARD WALLS AND REMOVE OR REPLACEMENT OF DAMAGED EXTERIOR WINDOWS. BALING TO BE REPAIRS, RETIRED AND REINSTALLED.
- 10 CONTRACTOR TO FURNISH AND INSTALL NEW LIGHT FIXTURES IN THIS AREA AS WELL AS WITHIN STAIR WELL.
- 11 CONTRACTOR TO PROVIDE COST TO INSTALL NEW FIRE ALARM SYSTEM THROUGHOUT.

CONSTRUCTION PLAN GENERAL NOTES:

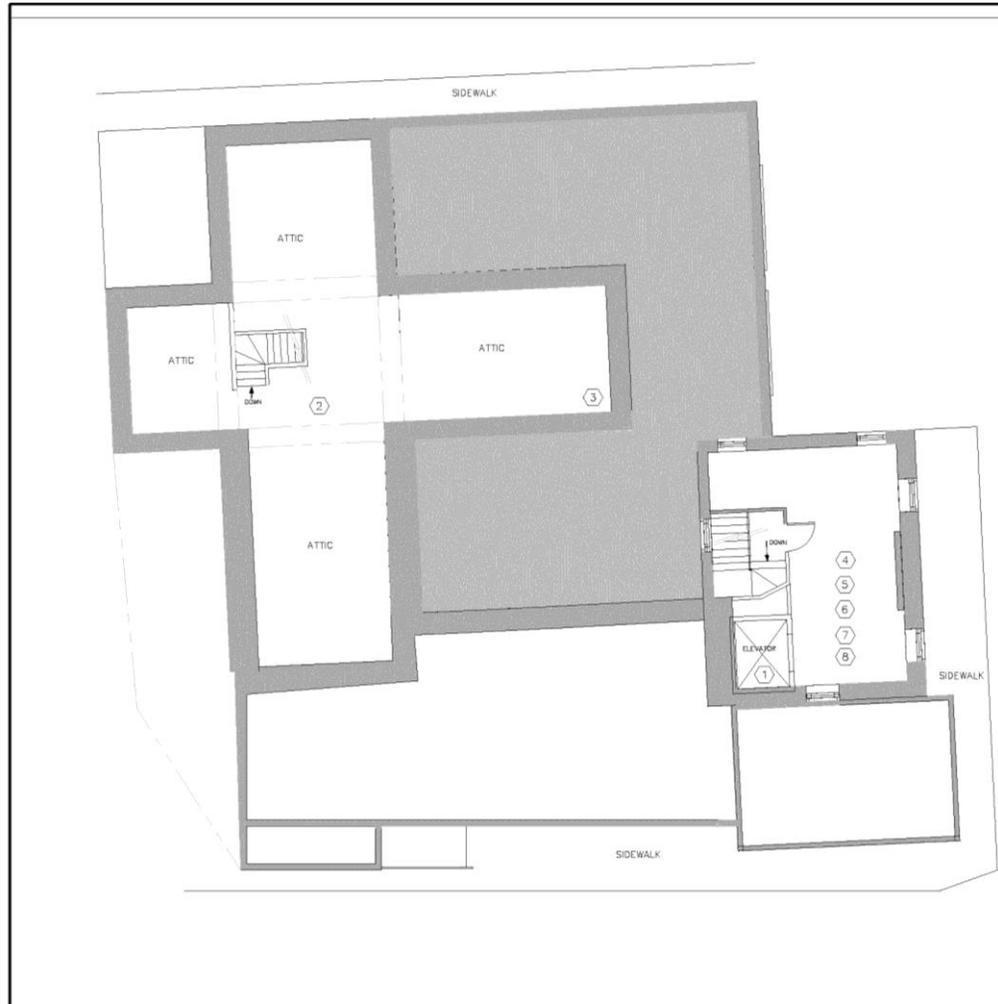
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1ST FLOOR CONSTRUCTION PLAN SCALE: 1/4"=1'-0"

Project Name EDGEWATER PARK RELIEF CENTER RENOVATION BRONX, NEW YORK 10465				
Drawing Name CONSTRUCTION PLAN				Date
Date 10/20/14	Drawing No. PCQ-2	Scale 1/8"=1'-0"	Drawn by v.p.	Date 10/20/14
			2	
			1	ISSUED FOR REVIEW & BID

North Tower Firehouse



CONSTRUCTION PLAN KEYNOTES:

- 1 LOCATION OF NEW ELEVATOR LIFT.
- 2 LOCATION OF EXISTING HAND DUCTWORK, TO BE UPGRADED TO PROPERLY SUPPLY NORTH TOWER FLOORS.
- 3 DUCTWORK WILL NEED TO EXIT ATTIC TO EXTERIOR IN ORDER TO FEED NORTH TOWER. PATH OF DUCTWORK TO BE DETERMINED.
- 4 DEMOLITION OF ALL FINISHES IN THIS AREA, INCLUDING EXISTING STAIRS AND RAILING TO UPPER LEVELS. CONTRACTOR TO INSTALL NEW FINISHES, INCLUDING REPAIR OF FLOOR JOISTS AS REQUIRED, WITH NEW FLOORING AND CEILING BOARD BULLS AND REPAIR OF REPLACEMENT OF DAMAGED EXTERIOR WINDOW SILLING TO BE REFINISHED, REFINISHED AND REINSTALLED. DOOR TO BE REPLACED WITH NEW.
- 5 CONTRACTOR TO FURNISH AND INSTALL NEW LIGHT FIXTURES IN THIS AREA AS WELL AS WITHIN STAIR WELL.
- 6 CONTRACTOR TO PROVIDE COST TO INSTALL NEW FIRE ALARM SYSTEM THROUGHOUT.
- 7 CONTRACTOR TO INCLUDE COST TO REPAIR STONE IF AND AS REQUIRED AND TO REPAIR AND IF REQUIRED REPLACE DOWNSPOUTS AND ROOF SCOTTS.
- 8 CONTRACTOR TO INCLUDE COST TO INSTALL NEW BASE BOARD HEATING AND EXTEND AIR CONDITIONING TO NORTH TOWER AND OTHER AREAS WITHIN SCOPE THAT MAY REQUIRE NEW OR REPLACEMENT.

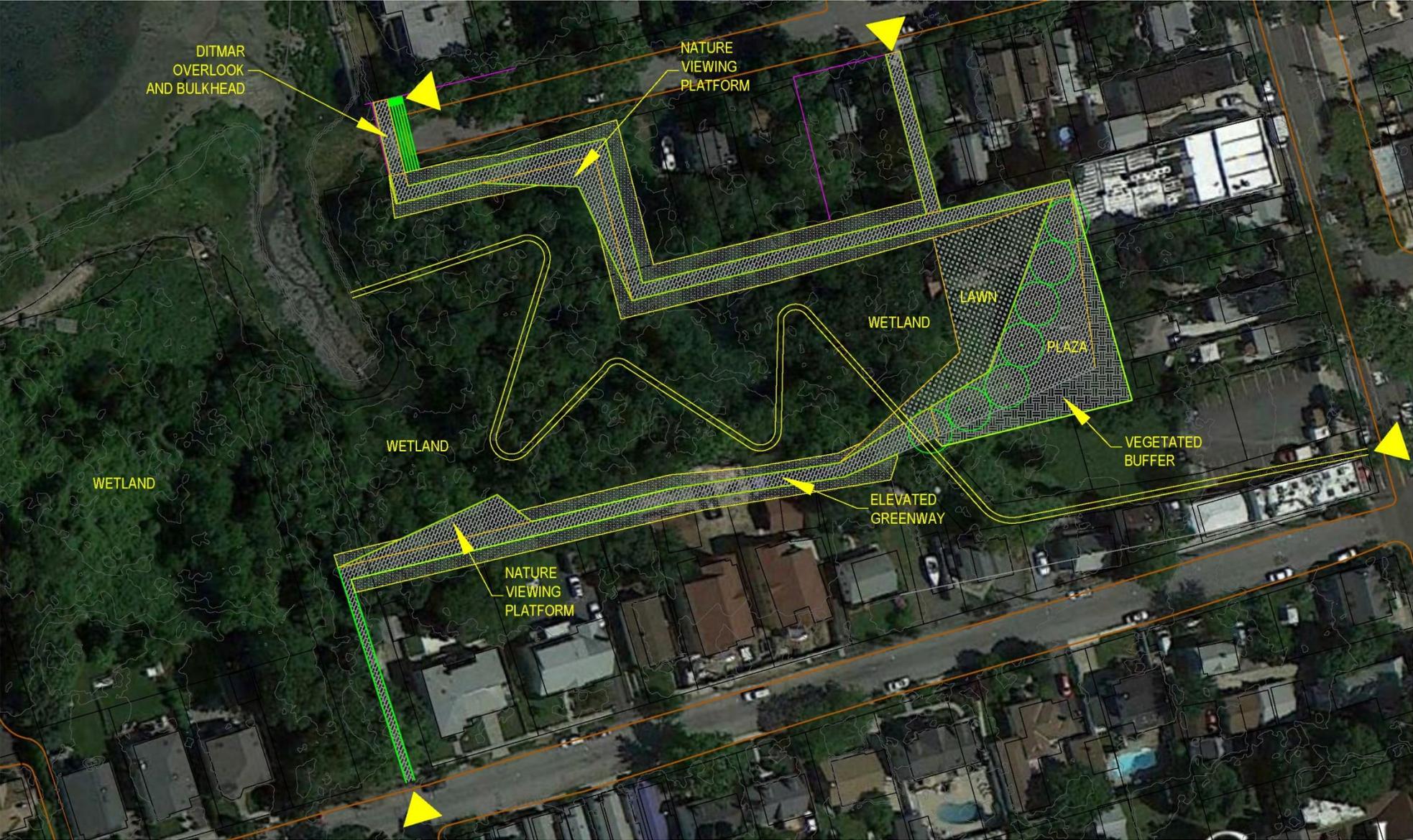
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2ND FLOOR CONSTRUCTION PLAN SCALE: 1/4"=1'-0"

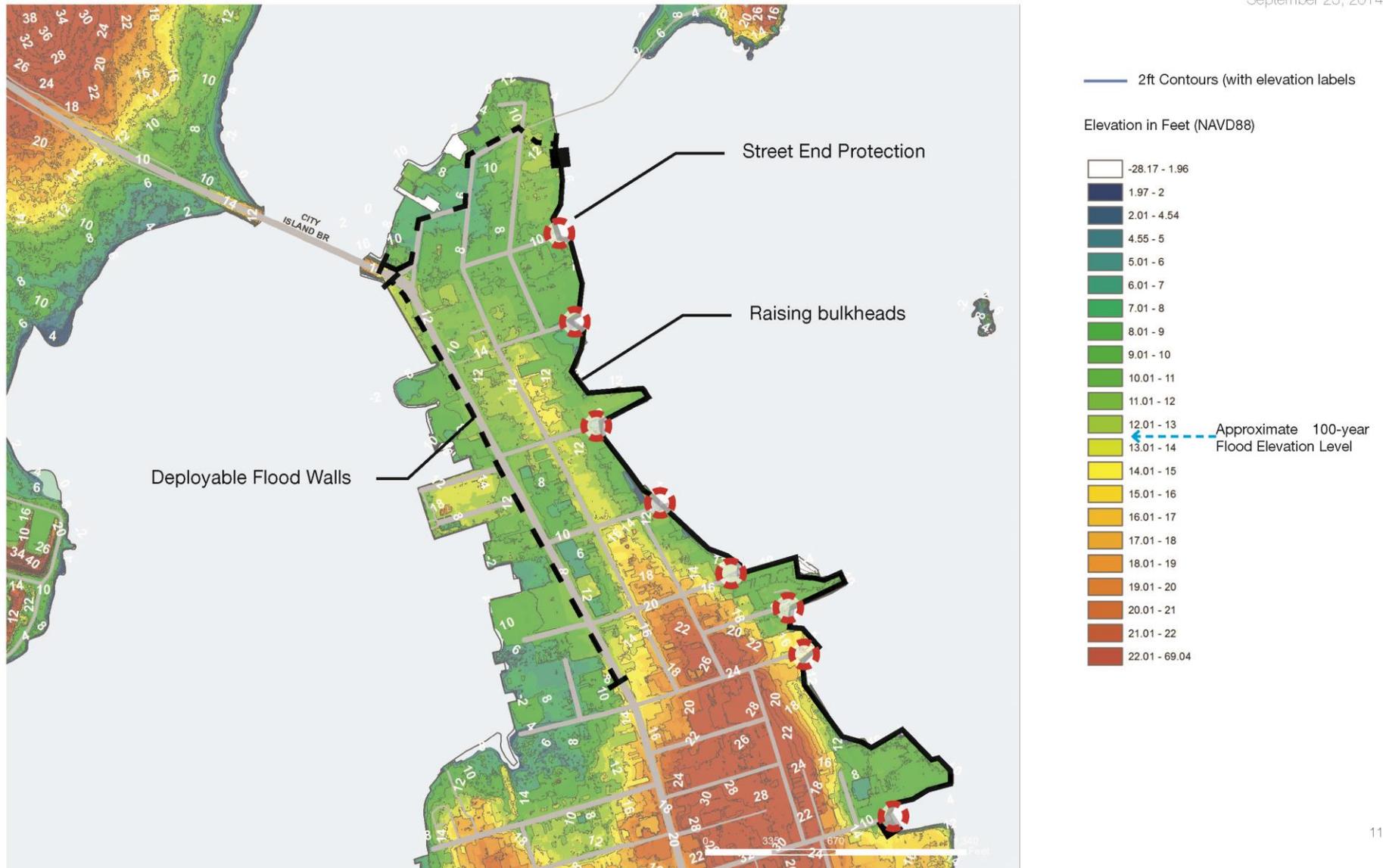
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Drawing Name CONSTRUCTION PLAN						
Date 10/20/14	Drawing No. PCD-3	Scale 1/8"=1'-0"	Drawn by V.P.			
				2	Date	
				1	ISSUED FOR REVIEW & BID Date 10/20/14	

City Island Wetland



City Island Large Scale Protection

September 20, 2014



Agenda for Planning Committee Meeting #6

1. Project Discussion

6:00pm

2. Next steps

7:45pm

Upcoming Meetings

1. PC #8 – October 28th
2. PM #3 – November 5th
3. PC #9 – November 18th ? - VOTE



East Bronx Waterfront Planning Committee Meeting #7

October 21, 2014
