







STAND
↓

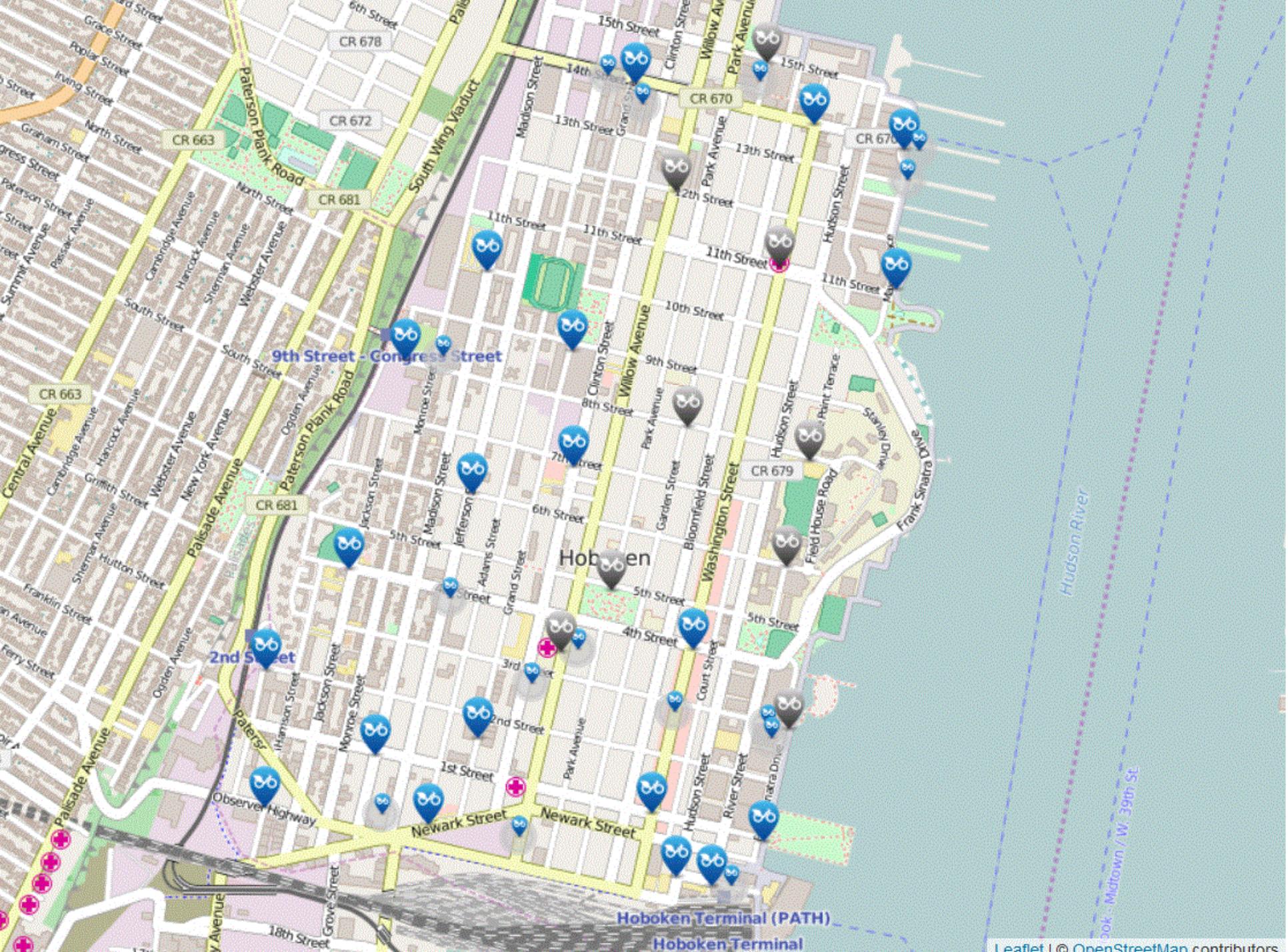
GET UP TO **\$650** IN CREDITS PER LINE*

TO HELP YOU SWITCH TO AT&T.

When you switch to AT&T, you can receive up to \$650 in credits per line. Offer requires activation of a new AT&T mobile service plan. Offer ends 12/31/15. See att.com/switch for details. *Offer good on new lines only. Offer good on new lines only. Offer good on new lines only. Offer good on new lines only.



Don't
Sit
Home



9th Street - Congress Street

Hoboken

Hoboken Terminal (PATH)

Hoboken Terminal

Hudson River

Book - Midtown / W. 39th St





WASHING SPORTSWEAR
FOR MEN AND BOYS

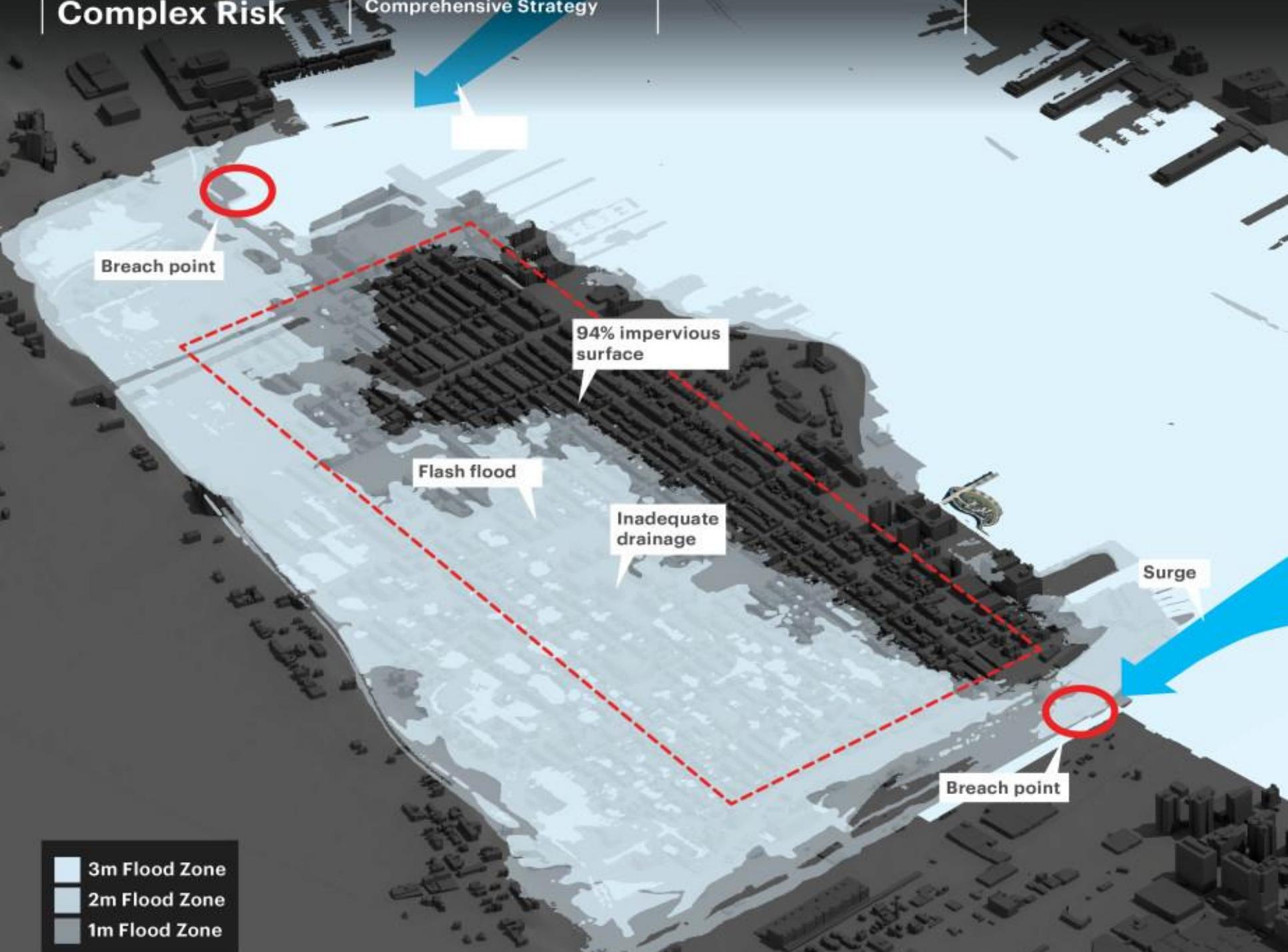
Z

Z

Z

Complex Risk

Comprehensive Strategy



Breach point

94% impervious surface

Flash flood

Inadequate drainage

Surge

Breach point

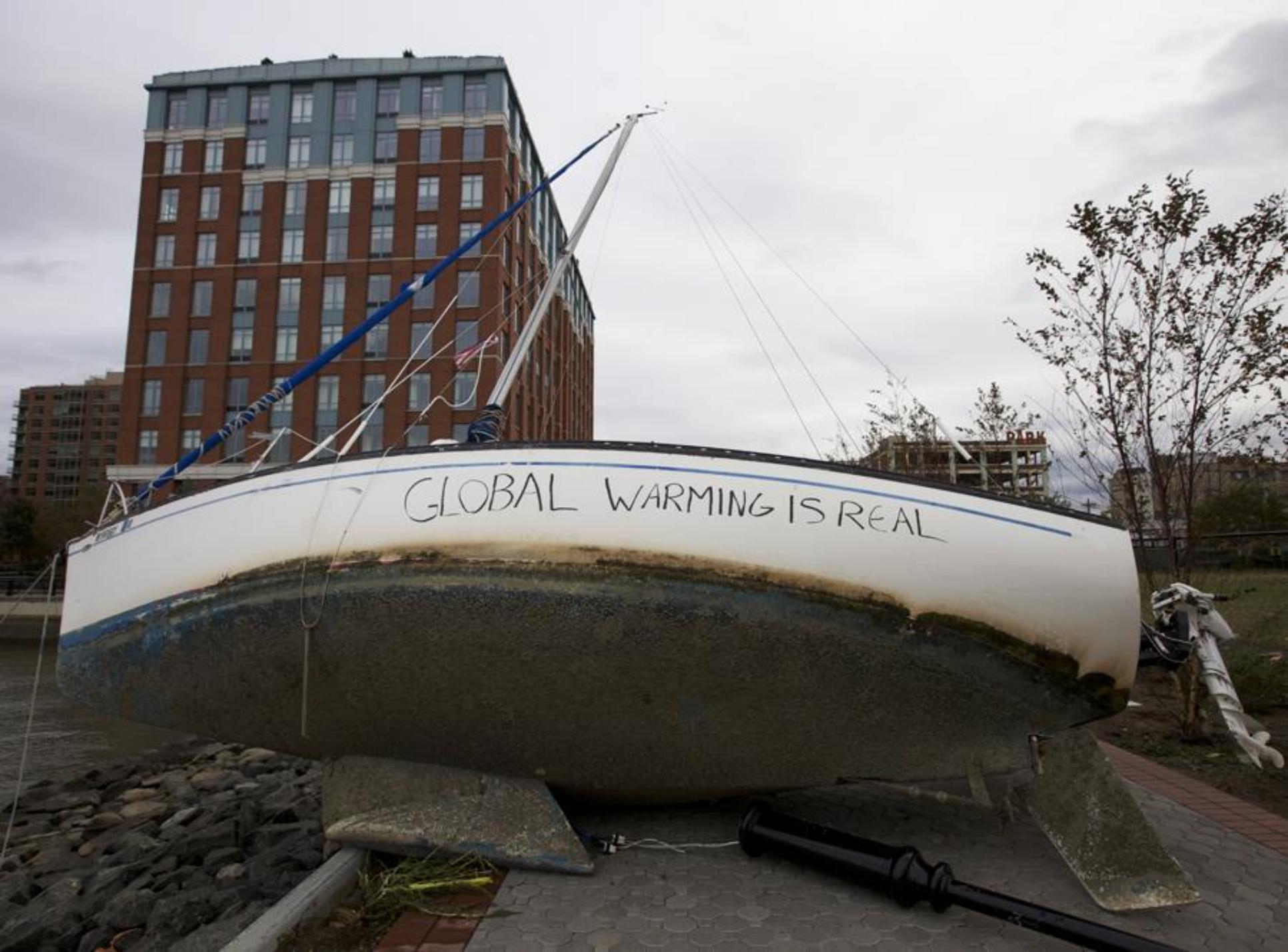
- 3m Flood Zone
- 2m Flood Zone
- 1m Flood Zone





931

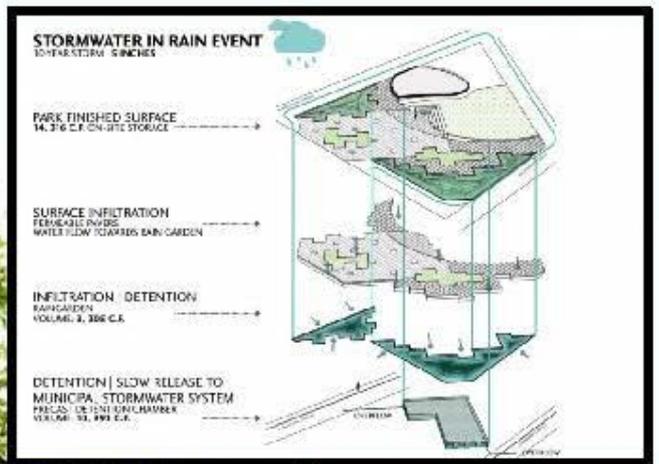
STOP



GLOBAL WARMING IS REAL

Southwest Park

- 1 acre
- 200K gallons retention



City Hall Demonstration Project

- Rain gardens, cisterns, porous concrete
- Retains all stormwater from 25-year storm



Green Roof Incentives

- Zoning Code changes incentivize green roofs
- Applications for more than 30,000 sf of green roofs approved in a few months



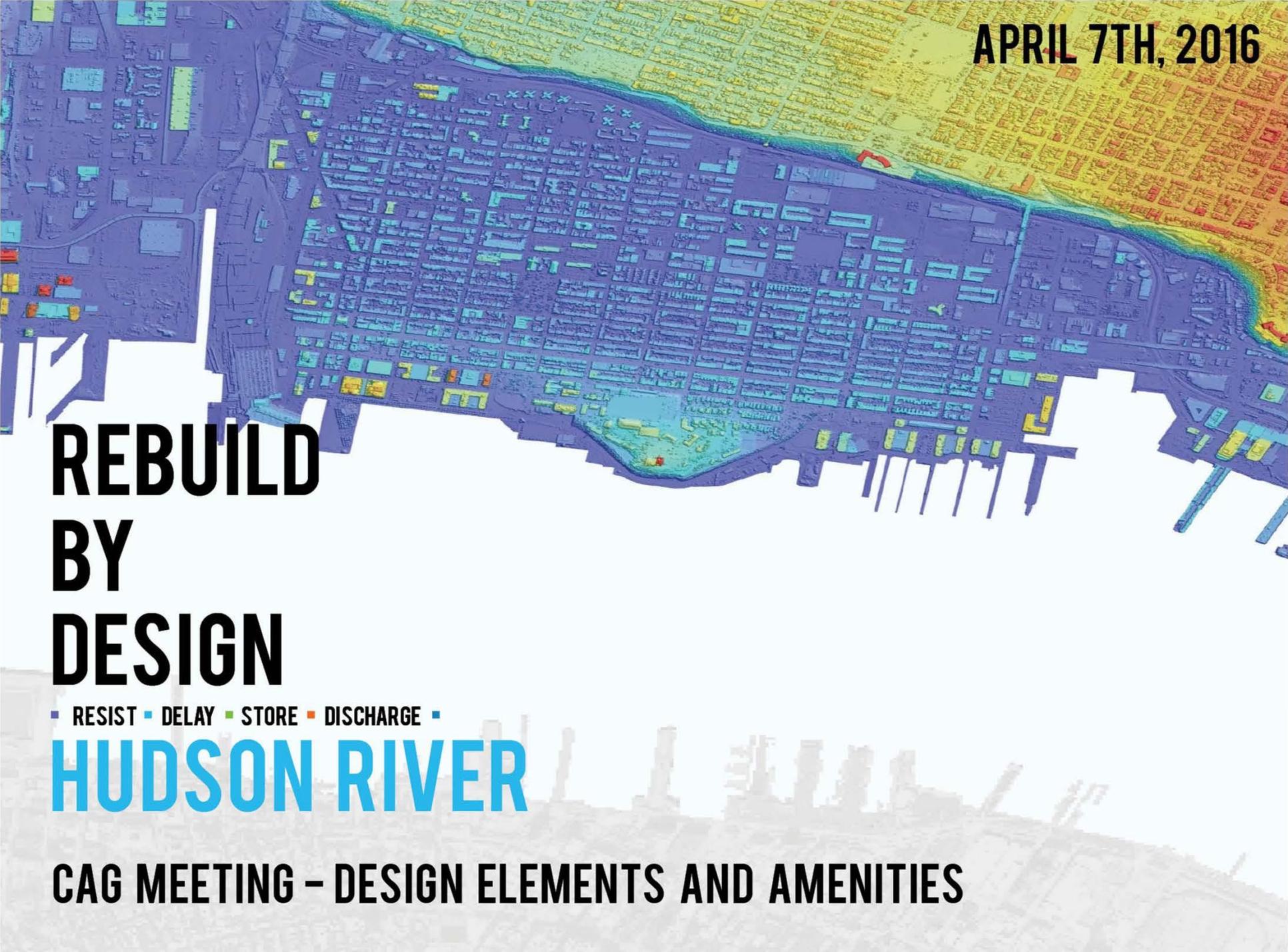


H-5 Wet Weather Pump Station

- Will alleviate flooding in NW Hoboken
- 40M gallons/day



APRIL 7TH, 2016

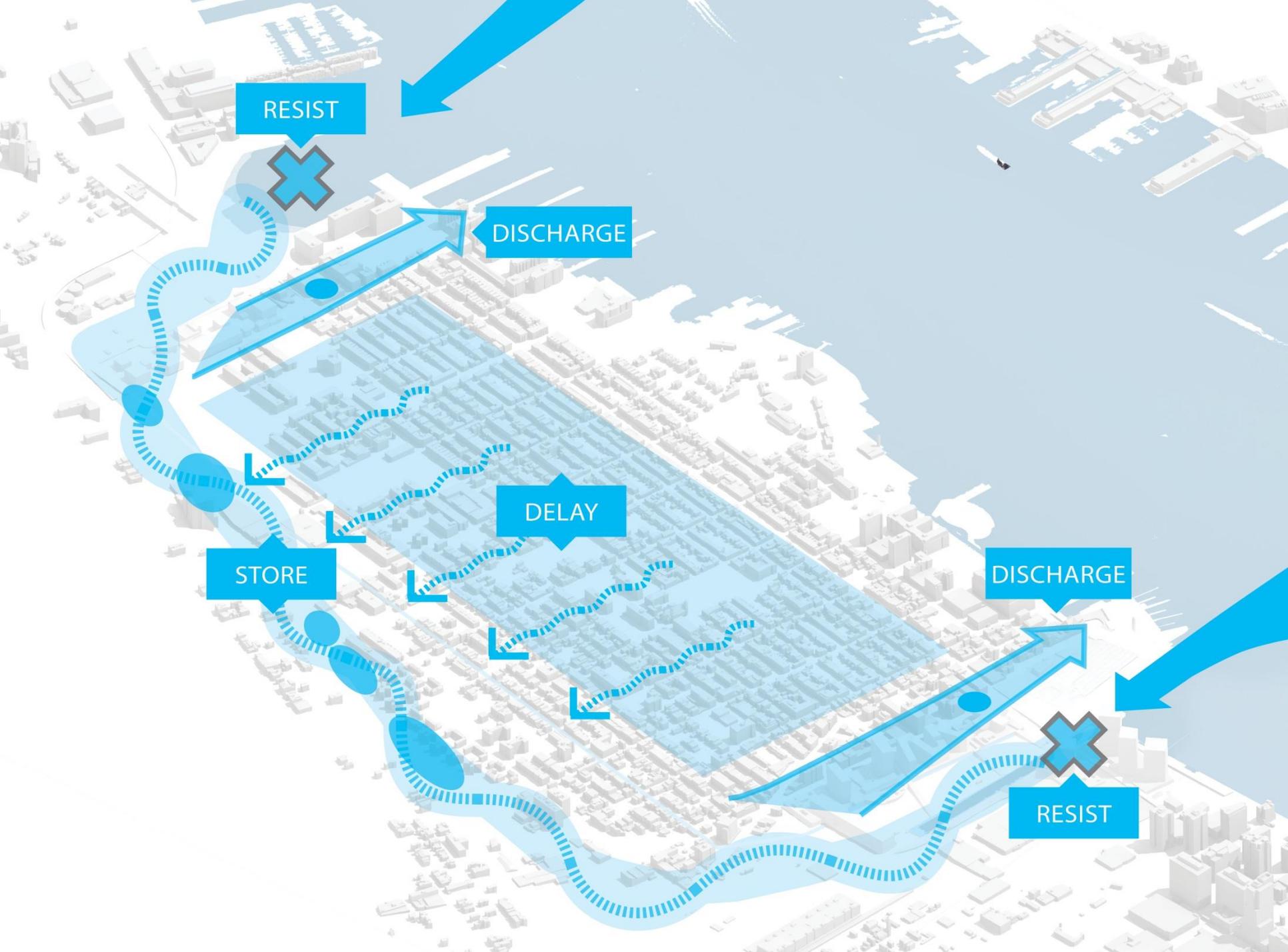


REBUILD BY DESIGN

■ RESIST ■ DELAY ■ STORE ■ DISCHARGE ■

HUDSON RIVER

CAG MEETING – DESIGN ELEMENTS AND AMENITIES



RESIST

DISCHARGE

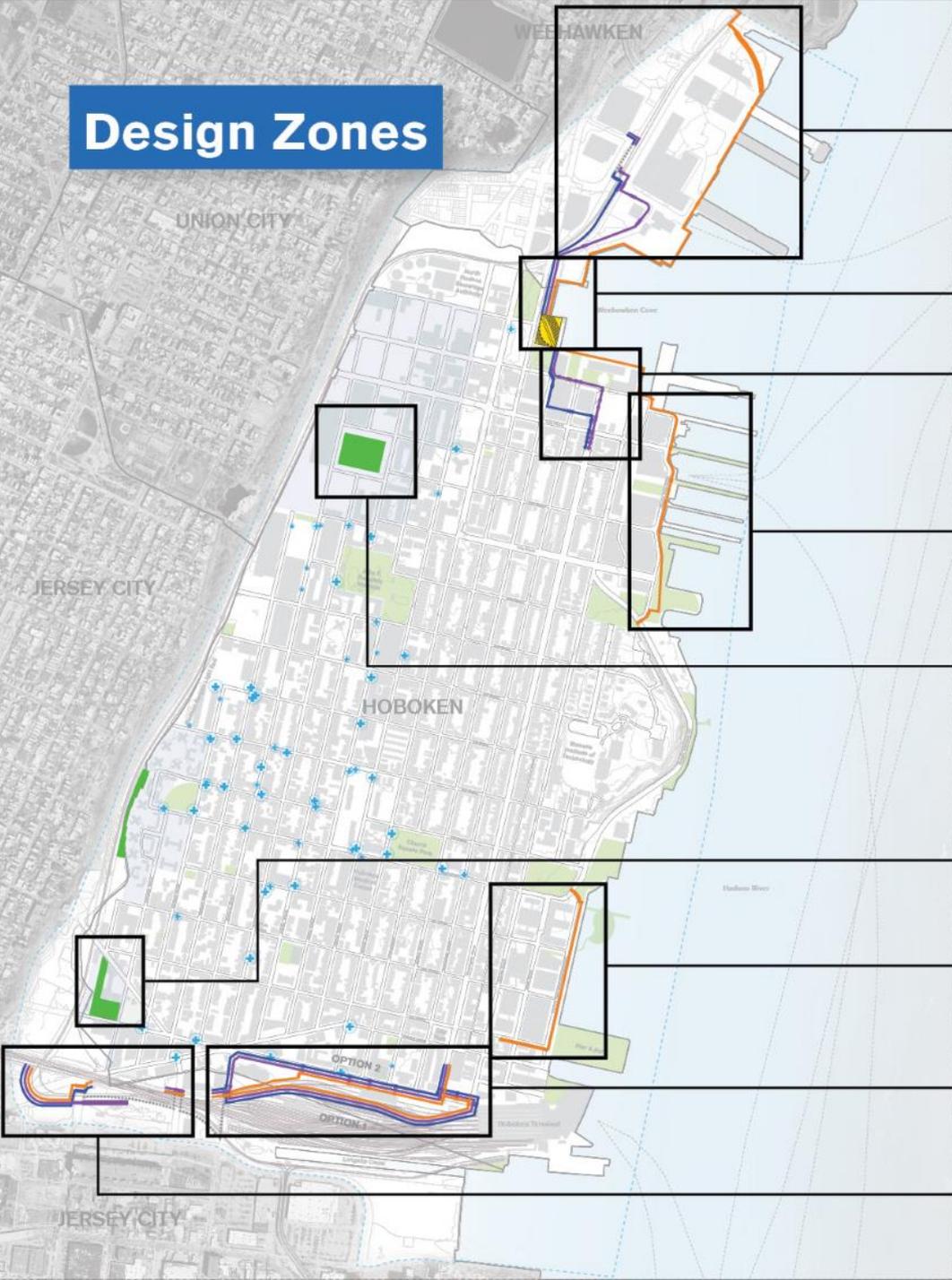
DELAY

STORE

DISCHARGE

RESIST

Design Zones



Zone 1 – Weehawken Tie In

Alternative 1 @ Waterfront to Lincoln Tunnel
Alternative 2, 3 @ Inland to 19th Street

Zone 2 – Weehawken Cove

Alternative 1, 2, 3 @ Boathouse to Park Space

Zone 3 – Residential

Alternative 1 @ Waterfront along Tea Building
Alternative 2 @ 15th St to Washington St.
Alternative 3 @ Alleyway to Washington St.

Zone 4 – North Waterfront

Alternative 1 Only

BASF Site

DSD - Alternative 1, 2, 3

Block 10 Site

DSD - Alternative 1, 2, 3

Zone 5 – South Waterfront

Alternative 1 Only

Zone 6 – Observer Highway

Alternative 1, 2, 3 @ Street or along rails

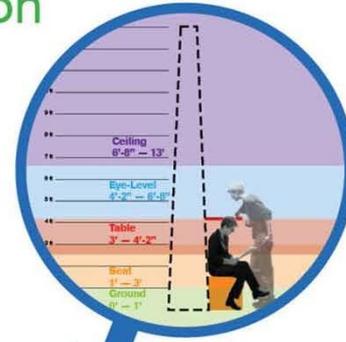
Zone 7 – Jersey Avenue Underpass

Alternative 1, 2, 3 @ Underpass

Environmental Education

Urban Identity

Signage



Views

Height

Shade

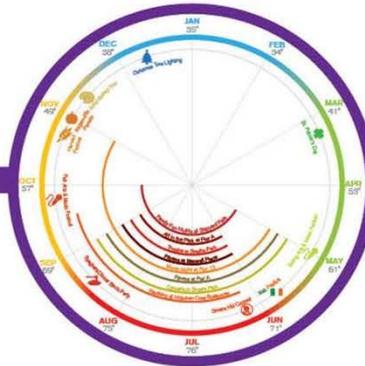
Bikeshare

Festivals and Events

Data Gathering



Hoboken Cove Boat House



All-Weather Use

Existing Initiatives

Seasonality

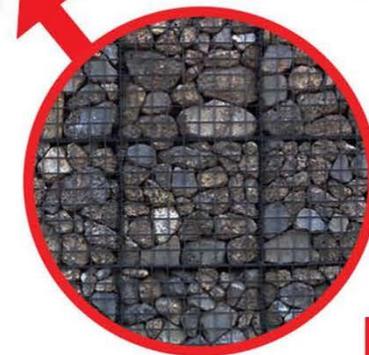
Washington Street Redevelopment

Public Wifi

Maintenance



Adaptability



Sustainability

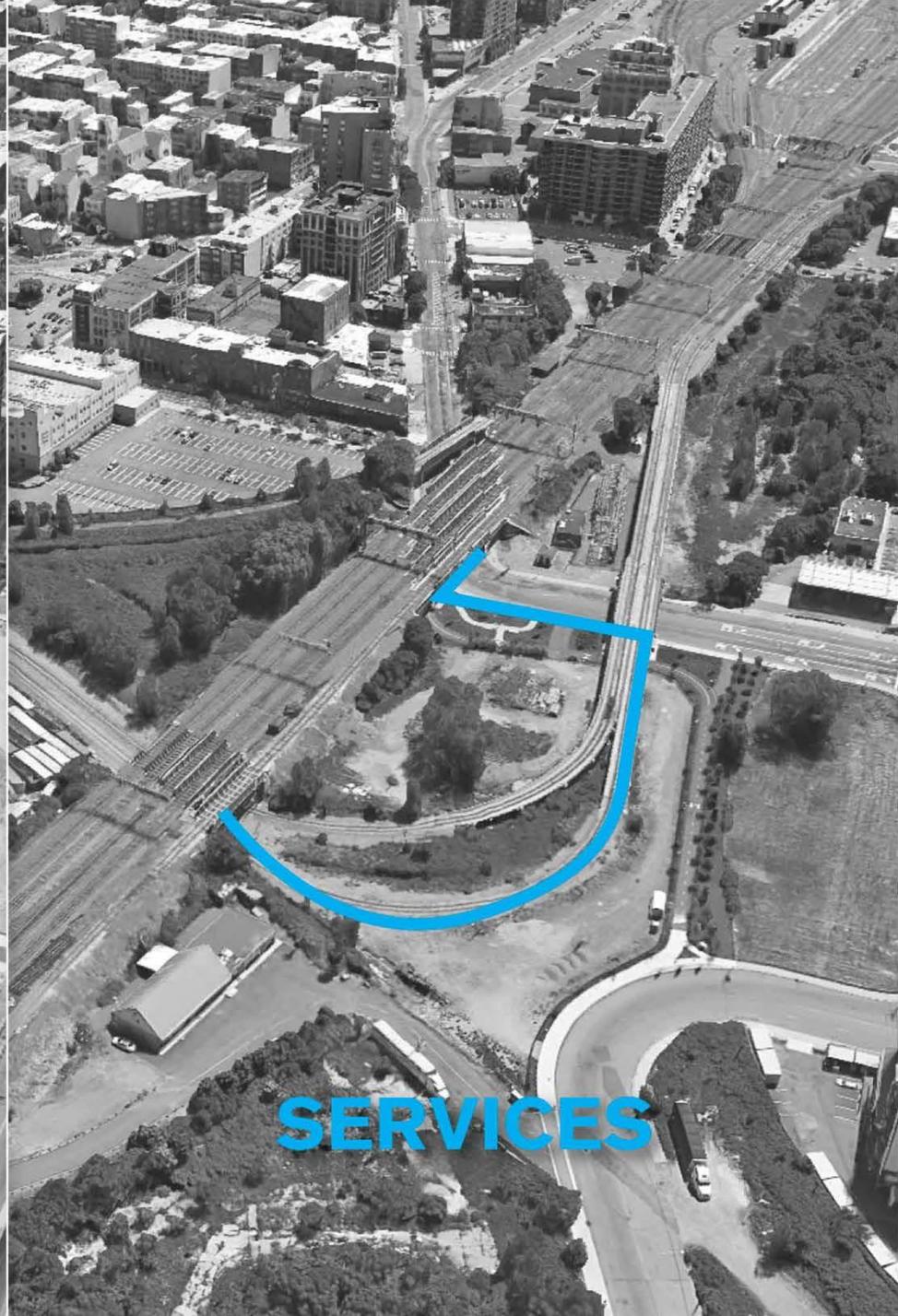
Materiality

Dry vs. Wet

Weather Resistant

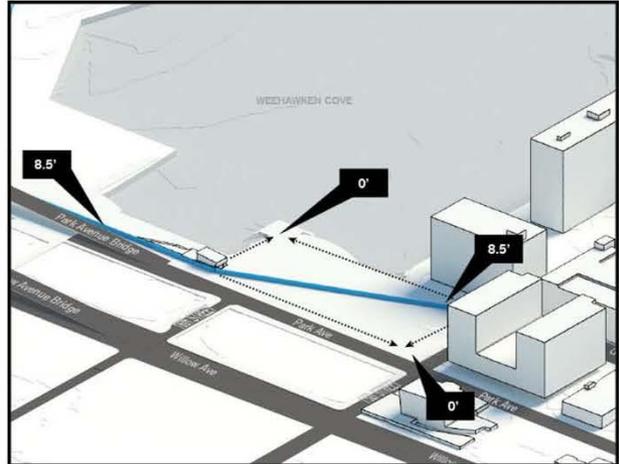
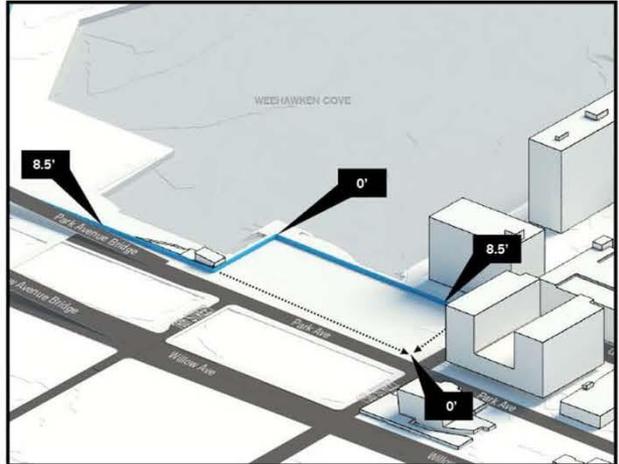
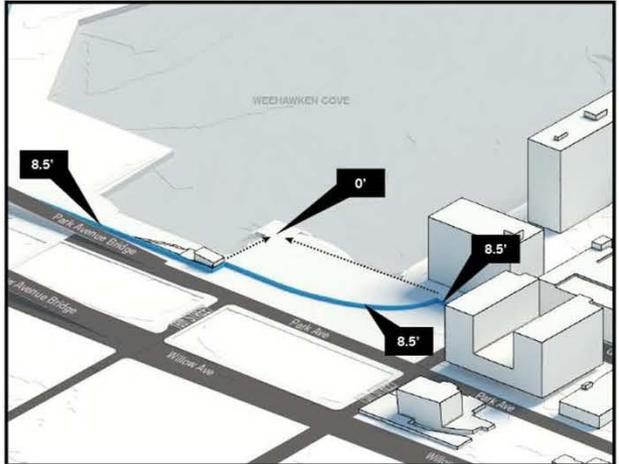
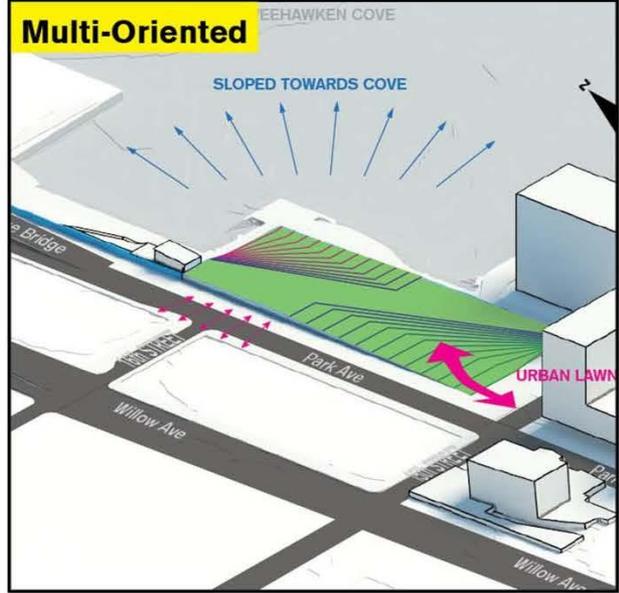
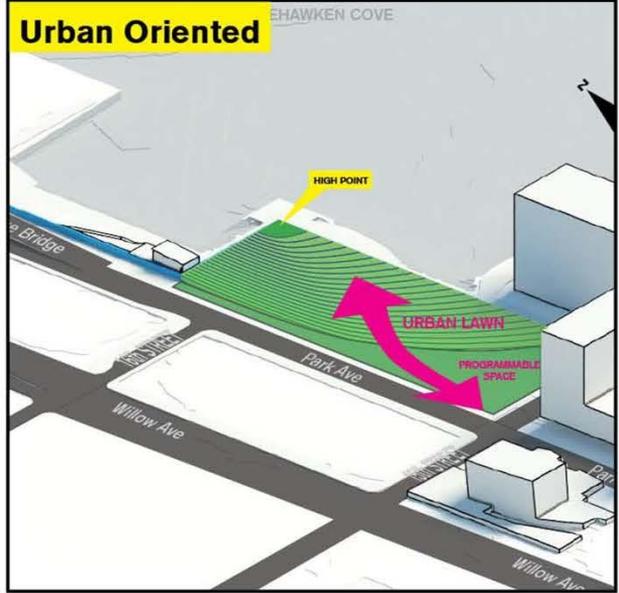
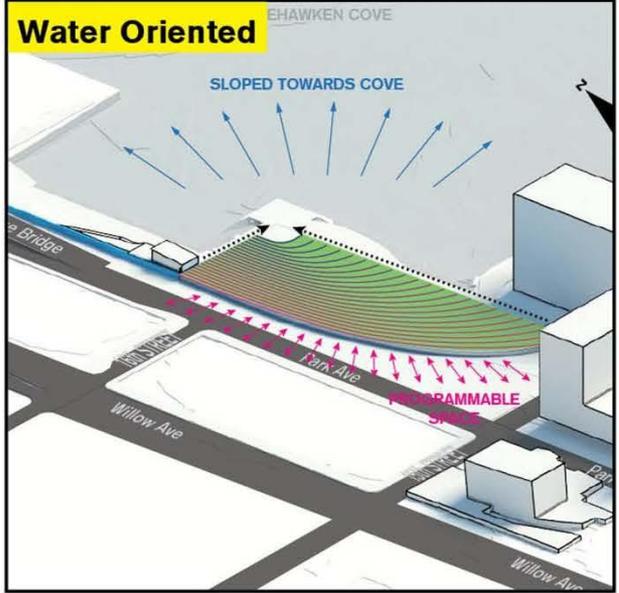


PLACE MAKING



SERVICES

Harborside Park Overview



Urban Lawn

Dolores Park, San Francisco



Beach

Paris, France



Playscape

Blaxland Riverside Park, Sydney, Australia



Adaptation Planning & Improvement of Codes

- Hudson County Hazard Mitigation Plan – Hoboken Section 9.6
- Adaptation Chapter, Sustainability Element of the Masterplan (not yet adopted)
- Building Resilience Design Guidelines (adopted)
- Updated Flood Damage Prevention Ordinance*
- Stormwater Management through Green Infrastructure Standards
- Capital Improvements Plan (Resiliency Related)
- Open Space, Recreation and Historic Preservation Element (Master Plan Update)
- Hazard Mitigation Element (Community Rating System Review)

Energy Security

- Microgrid – Energy Surety Analysis Preliminary Design Summary
- 1 MW of Natural Gas Back-Up Generators
- Department of Energy Combined Heat and Power Accelerator
- Elevation and Consolidation of 3 Substations in floodplain

Communications and Capacity Building

- Continuity of Operations Plan
- Emergency Operations Plan
- Resiliency Task Force & Expansion of Community Emergency Response Team

*Increased extent and depth of regulated floodplain to incorporate SLR scenarios