

REVISED

April 4, 2019

James Merani, Director, Land Use Review
Sara Avila, City Planning Technician, Land Use Review
New York City Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Re: East Side Coastal Resiliency Project ULURP Application – Revised Items

Provided with this memorandum are edits to the above-referenced land use application. This package includes fourteen (14) copies of the items that have been revised due to ongoing coordination with DCP; these include the following:

- Land Use Review Application Basic Form
- LR Item 2. Site Data Sheet
- LR Item 3. Project Description
- East Side Coastal Resilience Zoning Text Amendment (an attachment to Form ZR)

Thank you for your assistance.

Sincerely,

 04/05/19

Jean M. Jean-Louis, LEED AP BD+C, ENV SP, CIAQM
Assistant Commissioner, Safety and Site Support
New York City Department of Design and Construction
(718) 391-3134

cc: H. Pau, T. Dinh, C. Chu, E. Ilijevich, NYC

2019 Apr 05 11:31
Department of Design and Construction



Land Use Review Application

Department of City Planning

22 Reade Street, New York, NY 10007-1216

N190 356 ZRM

190357 PQM

City Planning will assign and stamp reference numbers here

APPLICATION NUMBER

APPLICATION NUMBER

APPLICATION NUMBER

APPLICATION NUMBER

1. APPLICANT AND APPLICANT'S REPRESENTATIVES

New York City Department of Transportation

Jean M. Jean-Louis, Assistant Commissioner

APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION) *

APPLICANT'S PRIMARY REPRESENTATIVE

55 Water Street, 9th Floor

New York City Department of Design and Construction

REPRESENTATIVE'S COMPANY/AGENCY OR OTHER ORGANIZATION

STREET ADDRESS

30-30 Thomson Avenue

STREET ADDRESS

New York NY 10041

CITY STATE ZIP

Long Island City NY 11101

CITY STATE ZIP

(212) 386-0618 (212) 313-3469

AREA CODE TELEPHONE # FAX#

(718) 391-3134 (718) 391-2235

AREA CODE TELEPHONE # FAX#

* List additional applicants below:

New York City Department of Citywide Administrative Services

CO-APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION)

See attachment for additional applicants

CO-APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION)

ADDITIONAL APPLICANT REPRESENTATIVE:

Robert White, AKRF Inc.

(646) 388-9780 (212) 447-5546

NAME AND PROFESSIONAL AFFILIATION (ATTORNEY/ARCHITECT/ENGINEER ETC.)

TELEPHONE # FAX #

N.A.

East Side Coastal Resiliency Project

STREET ADDRESS

PROJECT NAME (IF ANY)

2. SITE DATA (If the site contains more than one property complete the "LR Item 2. Site Data Attachment Sheet.")

Montgomery Street (south), East 25th Street (north), FDR Drive/East River Park (east)

DESCRIPTION OF PROPERTY BY BOUNDING STREETS OR CROSS STREETS

See attached LR Item #3

12c, 12d

EXISTING ZONING DISTRICT (INCLUDING SPECIAL ZONING DISTRICT DESIGNATION, IF ANY)

ZONING SECTIONAL MAP NO(S).

See attached site data sheet

Manhattan

3,6

TAX BLOCK AND LOT NUMBER

BOROUGH

COMM. DIST.

Riverwalk

URBAN RENEWAL AREA, HISTORIC DISTRICT OR OTHER DESIGNATED AREA (IF ANY)

IS SITE A NEW YORK CITY OR OTHER LANDMARK? NO [] YES [X] IF YES, IDENTIFY

Asser Levy Public Baths

3. DESCRIPTION OF PROPOSAL

(If the entire project description does not fit in this space, enter "see attached description" below and submit description on a separate sheet, identified as "LR item 3. Description of Proposal")

SEE ATTACHED DESCRIPTION

4. ACTIONS REQUESTED AND FEES

(Check appropriate action(s) and attach supplemental form)

* No supplemental form required

- Change in City Map, Zoning Map Amendment, Zoning Text Amendment, Zoning Special Permit, Zoning Authorization, Zoning Certification, Public Facility, etc.

- Modification, Follow-up, Renewal, Other

TOTAL FEE (For all actions) \$ 0

Make Check or Money Order payable to Department of City Planning.

If fee exemption is claimed check box below and explain

[X] City Agency

Has pre-application meeting been held? [] NO [X] YES

If yes Joel Kolkmann 10-29-2015 DCP Office/Representative Date of meeting

5. ENVIRONMENTAL REVIEW

CITY ENVIRONMENTAL QUALITY REVIEW (CEQR) (Discuss with CEQR lead agency before completing)
LEAD AGENCY New York City Department of Parks & Recreation CEQR NUMBER 15DPR013M

TYPE OF CEQR ACTION:

Type II category: Date determination was made: October 28, 2015

Has EAS been filed? Yes No
UNLISTED If yes, Date EAS filed:

Has CEQR determination been made? Yes No

If yes, what was determination? Negative Declaration CND Positive Declaration Date determination made: October 28, 2015 (Attach Copy)

If Positive Declaration, has PDEIS been filed? No

Has Notice of Completion (NOC) for DEIS been issued? No If yes, attach copy.

If PDEIS has not been filed, has final scope been issued? No If yes, date issued: N/A

6. COASTAL ZONE MANAGEMENT

IS SITE IN STATE DESIGNATED COASTAL ZONE MANAGEMENT (CZM)? AREA? No Yes

7. RELATED ACTIONS BY CITY PLANNING

LIST ALL CURRENT OR PRIOR CITY PLANNING COMMISSION ACTIONS RELATED TO SITE:

APPLICATION NO. DESCRIPTION/ DISPOSITION/STATUS CAL. NO. DATE
N/A

8. RELATED ACTIONS BY OTHER AGENCIES

LIST ALL OTHER CURRENT OR PRIOR CITY, STATE OR FEDERAL ACTIONS RELATED TO APPLICATION:

REFERENCE NO. DESCRIPTION/ DISPOSITION/STATUS CAL. NO. DATE
N/A

9. FUTURE ACTIONS REQUIRED

LIST ALL FUTURE CITY, STATE OR FEDERAL ACTIONS REQUIRED TO IMPLEMENT THE PROPOSED ACTION:

See attachment for full list of future actions required

10. APPLICANT (Attach authorizing resolution(s), if applicable)

Michelle Craven, Assistant Commissioner
NAME AND TITLE OF APPLICANT OR AUTHORIZED REPRESENTATIVE

Signature of Michelle Craven, DATE 3/29/19

New York City Department of Transportation
APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION (IF ANY)

11. CO-APPLICANTS (Attach authorizing resolution(s), if applicable)

Matthew Berk, Executive Director
NAME AND TITLE OF CO-APPLICANT OR AUTHORIZED REPRESENTATIVE

Signature of Matthew Berk, DATE 3/29/19

New York City Department of Citywide Administrative Services
CO-APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION

1 Centre Street, 20th Floor New York NY 10007 (212) 386-0245
STREET ADDRESS CITY STATE ZIP TEL.NO. FAX

NAME AND TITLE OF CO-APPLICANT OR AUTHORIZED REPRESENTATIVE SIGNATURE OF CO-APPLICANT DATE

See attachment for additional applicants
CO-APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION

STREET ADDRESS CITY STATE ZIP TEL.NO. FAX

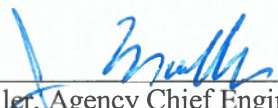
ADMINISTRATIVE CODE

ANY PERSON WHO SHALL KNOWINGLY MAKE A FALSE REPRESENTATION ON OR WHO SHALL KNOWINGLY FALSIFY OR CAUSE TO BE FALSIFIED ANY FORM, MAP, REPORT OR OTHER DOCUMENT SUBMITTED IN CONNECTION WITH THIS APPLICATION SHALL BE GUILTY OF AN OFFENSE PUNISHABLE BY FINE OR IMPRISONMENT OR BOTH, PURSUANT TO SECTION 10-154 OF THE CITY OF NEW YORK ADMINISTRATIVE CODE.

NOTICE

THIS APPLICATION WILL BE DEEMED PRELIMINARY UNTIL IT IS CERTIFIED AS COMPLETE BY THE DEPARTMENT OF CITY PLANNING OR THE CITY PLANNING COMMISSION. ADDITIONAL INFORMATION MAY BE REQUESTED OF THE APPLICANT BY THE DEPARTMENT OF CITY PLANNING.

Addendum to LR Form Items 1 and 11: Additional Applicants


James Mueller, Agency Chief Engineer
New York City Department of Environmental Protection
96-05 Horace Harding Boulevard, Corona, NY 11368

3/29/19


Andrew Schwartz, Deputy Commissioner
New York City Department of Small Business Services
110 William Street, 7th Floor, New York, NY 10038

3-29-19

Addendum to LR Form Item 9: Future Actions Required

The following Federal, State, City, Authority and Commission future approvals and actions are necessary to implement the proposed project:

FEDERAL

- U.S. Department of Housing and Urban Development (HUD)—Disbursement of Community Development Block Grant—Disaster Recovery (CDBG-DR) funds to the City of New York; review of the Action Plan Amendments; and, review of acquisition agreements on NYCHA property.
- U.S. Army Corps of Engineers (USACE)—Permits or authorizations for activities in waters of the United States (Section 404 of the Clean Water Act) or structures within navigable waters (Section 10 of the Rivers and Harbors Act).
- U.S. Environmental Protection Agency (USEPA), U.S. Fish and Wildlife Service (USFWS), National Oceanic and Atmospheric Administration's (NOAA) National Marine Fisheries Service (NMFS)—Advisory agencies to the environmental review process for activities that affect wetlands, water quality, protected plant and wildlife species, and essential fish habitat.
- Federal Emergency Management Agency (FEMA)—Review of flood protection design and potential changes to Flood Insurance Rate Maps (FIRMs).

STATE OF NEW YORK

- Department of Environmental Conservation (NYSDEC)—Permits related to activities in tidal wetlands or adjacent areas (Article 25) or protection of waters (Article 15), Water Quality Certification (Section 401); endangered species protection; discharges to State waters pursuant to the State Pollutant Discharge Elimination System (SPDES) program; approvals related to the handling and transport of hazardous materials and soils.
- Department of State (NYSDOS)—Coastal Zone Consistency determination for federal permits (see above).
- Office of Parks, Recreation and Historic Preservation (OPRHP)—Advisory role as the State Historic Preservation Office (SHPO) in federal review process pursuant to Section 106 of the National Historic Preservation Act (NHPA) with respect to designated and protected properties on the State and National Registers of Historic Places and properties determined eligible for such listing.
- Department of Transportation (NYSDOT)—Review of flood protection and flyover bridge designs and related approvals to construction along and adjacent to segments of FDR Drive under NYSDOT jurisdiction.

CITY OF NEW YORK

- Department of Parks and Recreation (NYC Parks)—Review and issuance of permits and approvals for project design and construction in City parkland.
- Department of City Planning (DCP)—Amendments to the City map for changes related to existing and proposed pedestrian bridges.
- Public Design Commission (PDC)—Review and approval of art, architecture, and landscape features proposed for City property and capital projects.
- Department of Housing Preservation & Development (HPD)—Review and approval for easements at NYCHA and Gouverneur Gardens.

AUTHORITIES

- New York City Housing Authority (NYCHA)—Approval for acquisitions and activities on NYCHA property.
- New York Power Authority (NYPA)—Approval for activities within NYPA easements.

COMMISSION

- New York Public Service Commission (PSC)—Approval for disposition involving public utility properties (Con Edison property).

Land Use Review Application (LR) Item 2. Site Data

.....
 Application No.

Enter all property information on this Attachment Sheet if the site contains more than one property.

TAX BLOCK OR TAX BLOCK RANGE (Enter Range only if all Lots in Range are Included)	TAX LOT(S) OR TAX LOT RANGE	ADDRESS (House Number and Street Name) OR BOUNDING STREETS OR CROSS STREETS (If No Address)
2 4 4	1 9	Montgomery Street, Water Street, Gouverneur Slip West, FDR Drive
3 2 1	1	Lewis Street, Grand Street, Delancey Street, FDR Drive
3 2 3	1	Columbia Street, East Houston Street, Delancey Street, FDR Drive
3 6 7	1	East 10th Street, East 13th Street, Avenue D, FDR Drive
9 5 5	5	East 23rd Street, East 25th Street, 1st Avenue, Asser Levy Place
9 8 8	1	East 14th Street, East 15th Street, Avenue C, FDR Drive
9 9 0	1	East 15th Street, East 17th Street, Avenue C, FDR Drive
p/o FDR Drive Right of Way		p/o FDR Drive from East 15th Street to Avenue C
Marginal Street, Wharf, or Place		FDR Drive, East River, East 23rd Street, Captain Patrick J. Brown Walk

A. INTRODUCTION

The New York City Departments of Transportation (NYCDOT), Environmental Protection (DEP), Small Businesses Services (SBS), and Citywide Administrative Services (DCAS) collectively the “Applicants,” are seeking approval for the acquisition of real property and a text amendment to the New York City Zoning Resolution to facilitate the East Side Coastal Resiliency (ESCR) project. The purpose of the ESCR project is to address coastal flooding vulnerability along a segment of Manhattan’s East River waterfront by implementing a flood protection system that reduces flood risk, improves access to the waterfront, and enhances waterfront parkland (the “Proposed Project;” see **Proposed Conceptual Alignment**, attached at the end of this item).

The Proposed Project begins at Montgomery Street on the south and extends north along segments of Montgomery and South Streets, Avenue C, East 23rd Street, and the Franklin Delano Roosevelt East River Drive (the FDR Drive) right-of-way. It is also aligned with City parkland, including John V. Lindsay East River Park (East River Park), Murphy Brothers Playground, Stuyvesant Cove Park, and Asser Levy Playground and includes a segment with the Consolidated Edison Company of New York (Con Edison) East River Generating Station. The system is completed on the north with a connection to the existing U.S. Veterans Administration (VA) Medical Center flood protection system. The Proposed Project alignment extends through the Lower East Side, East Village, Alphabet City, Stuyvesant Town and Peter Cooper Village, and Kips Bay neighborhoods and is within Manhattan Community Districts 3 and 6.

B. BACKGROUND

On October 29, 2012, Hurricane Sandy hit the region and flooded the coastal neighborhoods of New York City. Hurricane Sandy caused record tidal flooding and significant damage to housing, businesses, waterfront parkland, transportation facilities, energy and water supply systems, and drainage infrastructure. The storm also caused loss of life, extensive damage to public and private properties and infrastructure, and underscored the need for the City, with its extensive shoreline and coastal flood zones, to design and implement coastal flood protection measures that reduce flood risk to residents, businesses, and critical infrastructure. The loss of infrastructure, in particular, significantly affected City residents and vulnerable communities. Neighborhoods along the Proposed Project area also have one of the largest concentrations of low- and moderate-income households in the City, with over 12,707 New York City Housing Authority (NYCHA) housing units. Additionally, this area has critical infrastructure, Con Edison electrical power generation and transmission facilities, subway stations, a sewage pump station (the Manhattan Pump Station), and a stretch of regional arterial highway, the Franklin Delano Roosevelt (FDR) Drive. It was therefore determined that potential future storm damage in this area could result in damages equal to or greater than Hurricane Sandy, potentially affecting thousands of affordable housing units, impairment of energy supply and infrastructure, and damage to transportation services. This would result in associated negative impacts on the City’s economy and the quality of life for its residents. To provide protection against these impacts, the City is proposing to implement the Proposed Project.

After Hurricane Sandy, the City formed the Special Initiative for Rebuilding and Resiliency (SIRR) team to examine the hurricane’s impact on the City’s buildings, infrastructure, and people; to assess climate change risks in the near term (2020s) and long term (2050s); and to outline strategies for increasing resiliency citywide. The report that evolved from that initiative, *PlaNYC—A Stronger, More Resilient New York* (June 2013), contained Community Rebuilding and Resiliency Plans (CRRP) for five particularly vulnerable neighborhoods in the City, including Southern Manhattan and the neighborhoods within the project area. The CRRP recommendations for Southern Manhattan outline specific coastal protection measures for buildings and critical infrastructure coupled with community and economic recovery measures. The proposals were based on a multi-step analysis that considered various coastal hazards and their likelihood of occurrence, the potential impacts on built environment and critical infrastructure, and the likely effectiveness of proposed measures to address these hazards. In addition, the coastal protection measures presented in *PlaNYC* were informed by the Department of City Planning’s (DCP) *Urban Waterfront Adaptive Strategies* (UWAS) study (June 2013),

which examined the underlying geomorphology of the various stretches of shoreline, categorized each coastal reach by geomorphic type, and provided an evaluation of coastal resiliency measures that would be appropriate for each reach. The CRRP then built upon the results of the UWAS study to recommend coastal initiatives for each reach, including the Proposed Project area. Coastal Protection Initiative 21 of the CRRP affirmed the City's commitment to establishing an integrated coastal flood protection system for Southern Manhattan and calls for an integrated coastal flood protection system for targeted reaches along the East River shoreline from Battery Park City on the south to East 14th Street on the north.

In June 2013, with the objective of developing more efficient and effective coastal flood protection in the New York City region after Hurricane Sandy, the United States Department of Housing and Urban Development (HUD), in conjunction with the Rockefeller Foundation and others supporting organizations launched the global Rebuild By Design (RBD) competition. This competition solicited proposals from around the world with the objective of identifying innovative and implementable coastal flood protection solutions that would respond to the devastation wrought by Hurricane Sandy and highlighted the need for coastal resiliency.

In June 2014, following a year-long review process, HUD announced six winning RBD projects located throughout the Hurricane Sandy-affected area, including Long Island, New Jersey, the Bronx, Staten Island, and Manhattan. The winning proposal in Manhattan was the "BIG U"—which identified a flood protection system extending from Battery Place on the south to East 23rd Street on the north, divided into three sub-areas or "compartments." Community Development Block Grant-Damage Recovery (CDBG-DR) funds were then allocated by HUD to advance the preliminary and final design and construction of Compartment 1 of the "BIG U," the Montgomery Street to East 23rd Street compartment, which covers the Proposed Project area. As design for this compartment advanced, the project area was extended north to East 25th Street to include the historic Asser Levy Recreational Center.

In late 2014, the City entered into a grant agreement with HUD to disburse \$338 million of CDBG-DR funds for the design and construction of the ESCR project. Under that agreement, the City is the grantee of the CDBG-DR with the funds to be dispersed through the New York City Office of Management and Budget (OMB). The City then subsequently initiated the preliminary design and environmental review analyses for the project.

In April 2015, the City released "*One New York: The Plan for a Strong and Just City*," (*OneNYC*) which identified the proposed ESCR project as one of several projects to strengthen coastal defenses and build a stronger, more resilient New York City that is prepared for the impacts of climate change. Vision 4 of *OneNYC* noted that the proposed ESCR project would benefit thousands of public housing and other residents of a particularly vulnerable part of Manhattan and would provide a new model for integrating coastal protection into neighborhoods, consistent with the City's resiliency vision.

C. DESCRIPTION OF THE SURROUNDING AREA

To the east of the Proposed Project is the East River, to the north is the Kips Bay neighborhood, to the west are the Lower East Side, East Village, Alphabet City, Stuyvesant Town, and Peter Cooper Village communities, and to the south is the Two Bridges neighborhood (see **Figure 1: Land Use Map**). These are primarily residential neighborhoods comprised of mid- and high-rise residential buildings, including multiple NYCHA-operated buildings, supported by community facilities, local retail, and neighborhood parks.

R7-2 and R8 residential zoning districts are the most prevalent districts in these neighborhoods, with the R8 district north of East 23rd Street (see **Figure 2: Zoning Map**). The R7-2 zoning district is a mid-density residential district (4.0 floor area ratio) that allows building heights up to 80 feet. R8 residential districts allow more density (6.02 and up to 7.02 on a wide street) and height (up to 120 feet) with maximum base height and setback requirements. R7B and R8B residential zoning districts are also mapped throughout the East Village with commercial overlays along the avenues. The R7B is a residential contextual zoning district (3.0 floor area ratio) that allows building heights up to 75 feet with setback requirements between 40 and 60 feet. R8B zoning is also a contextual district (4.0 floor area ratio) that allows a maximum building height of 75 feet with a setback requirement between 55 to 60 feet.

Major thoroughfares and principal streets providing access to the area include the FDR Drive along the waterfront, Delancey Street, East Houston Street, East 14th Street, and East 23rd Street in an east/west orientation and First Avenue, and Avenues A, B, C, and D in a north/south orientation. Mass transit availability includes the J, M, and Z subway lines with stops along Delancey Street; the L train subway with stops along East 14th Street; and the M15 and M23 provide Select Bus Service with a number of other local bus lines.

D. DESCRIPTION OF THE PROPOSED PROJECT AREA

LAND USES

For the purposes of design, land use, and environmental analyses, the project area is comprised of two sub-areas: “Project Area One” and “Project Area Two.” Project Area One extends from Montgomery Street on the south to the north end of East River Park at approximately East 13th Street. Project Area Two extends from approximately East 13th Street to East 25th Street (see **Figure 3: Area Maps**).

The primary land use in Project Area One is East River Park. This includes four existing pedestrian bridges across the FDR Drive that provide access to the park, the Corlears Hook, Delancey Street, East 6th Street, and East 10th Street Bridges, as well as the East Houston Street overpass. On the south, the Proposed Project is in the street right of way of Montgomery and South Streets (City street land uses) including lands under an elevated segment of the FDR Drive. Here, uses include residential (Gouverneur Gardens) and highway (the FDR Drive, both elevated and at grade sections) with Pier 42 to the east and along the East River.

Land uses in Project Area Two are primarily highway or street right of way, utility (Con Edison), parks and open space, and community facility. This area includes the Con Edison East River Generating Station utility use and the FDR Drive right of way highway use between East 13th Street and Murphy Brothers Playground. Inclusive of the park use, land uses further north along the alignment include street right of way (Avenue C and land beneath the elevated FDR Drive) through to the waterfront open space at Stuyvesant Cove Park. North of this park, the Project Area Two alignment includes street right of way (e.g., East 23rd Street), parkland at Asser Levy Playground, and a community facility at the existing VA Medical Center.

The locations of the proposed interior drainage management systems are within the accessory parking lot to the residential use at East River Houses and the corner yard to the residential use at Baruch Houses.

ZONING

The majority of the project area is within built streets or parkland where zoning would not apply. The few locations outside of streets or parks where acquisitions are proposed to operate, inspect, and maintain the system (see the discussion below) are zoned R7-2, M3-2, and R8 (see **Figure 2: Zoning Map**).

E. DESCRIPTION OF THE PROPOSED PROJECT

INTRODUCTION

The Proposed Project is a flood protection system comprised of a combination of floodwalls, 18 closure structures (i.e., gates), and supporting infrastructure improvements that together would reduce the risk of coastal storm flooding in the protected area. The flood elevation used in the design of the Proposed Project is 16.5 feet North American Vertical Datum, which is generally 8 to 9 feet above the existing surface grade, but diminishes in above grade height as the system moves inland and the topography rises. This flood protection design elevation was developed assuming the mapped 100-year Federal Emergency Management Agency flood elevation, incorporating storm wave height assumptions, and the 90th percentile sea level rise through to the 2050s (30 inches; see **Figure 4: 100-Year Floodplain with 2050 Sea Level Rise**).

As described in detail below, a key element of the Proposed Project is elevating and reconstructing East River Park to make it more resilient to coastal storms. The Proposed Project also includes flood protection and open space improvements at other parks within the project area including Murphy Brothers Playground, Stuyvesant Cove Park, and Asser Levy Playground. It also includes an improved shared use path (bikeway/walkway) along the entire project length with a new flyover bridge to replace the existing narrow public access in the segment at Con Edison. While the Proposed Project would install a flood protection system in each of these parks, these elements coupled with the related park improvement do not require any ULURP actions (see **Figure 5: Aerial Map with Proposed Actions**).

The Proposed Project also includes the reconstruction of the Corlears Hook Bridge, the replacement of the Delancey and East 10th Street bridges, and the construction of the above-mentioned flyover bridge to better connect the surrounding neighborhoods with the waterfront and its open spaces. These proposed bridge connection improvements would create more inviting and accessible crossings over the FDR Drive to the reconstructed East River Park and East River waterfront, including the waterfront and shared-use path. With the Proposed Project, the bridges at Delancey and East 10th Streets would be reconstructed with more community-oriented designs that support and encourage public access to the waterfront and gentler bridge

grades that are consistent with the principle of universal access. Within the park, the new bridge landings would provide a wide and inviting gateway with elevated and expanded views of the park and the river. The proposed reconstruction of the existing bridges and construction of new bridges will be subject to future land use actions for changes to the City Map.

A more detailed description follows.

PROJECT DESCRIPTION

Proposed Flood Protection System and Park Improvements

To the south, the proposed flood protection system begins inland at Montgomery Street, about 130 feet west of South Street (see attached **Figure 5: Aerial Map with Proposed Actions**). At the intersection with South Street, the system turns north for about 40 linear feet and then heads east again, crossing under the FDR Drive to the east side of the highway. In this segment, the Proposed Project requires an acquisition at Gouverneur Gardens to allow access to operate, inspect, and maintain the proposed system along the Montgomery and South Street frontages (see the description below under “F. Actions Necessary to Facilitate the Project, Proposed Acquisitions”).

Once on the east side of the highway, the system turns north running along East River Park and parallel to the FDR Drive. At approximately the existing Corlears Hook Bridge landing and the amphitheater, the system turns east towards the East River and from this location and further north aligns with the East River Park bulkhead.

Within this stretch of East River Park, the Proposed Project includes the following key design elements:

- A below-grade flood protection system (i.e., floodwall) running parallel to the existing East River Park bulkhead coupled with elevating much of East River Park, generally beginning on the south at the existing amphitheater and continuing northward to the northern end of the park, and thereby protecting park facilities and recreational spaces from design storm events and sea level rise inundation;
- Installing the floodwall structure below-grade to soften the visual effects of the flood protection system;
- Reconstructing the East River Esplanade to increase the deck elevation to match the raised park and protect the esplanade from design storms and sea level rise;
- Raising the majority of the park grade with an increase in elevation from the west (the FDR Drive) to east (the East River bulkhead) to attain the flood protection system design elevation, accompanied by the reconstruction of the park open space including all fields and passive spaces, and incorporating resilient landscaping and substantial tree replanting that envisions a more diverse, resilient, and ecologically robust habitat;
- Reconstructing park facilities such as the tennis house, track house, and comfort stations;
- Constructing a new shared-use flyover bridge connecting the north end of East River Park with Captain Patrick J. Brown Walk to improve north/south access along the waterfront;
- Reconstructing the Corlears Hook Bridge over the FDR Drive and replacing the existing Delancey Street and East 10th Street Bridges to be universally accessible, improving access to the waterfront;
- Creating an expanded and reconfigured park-side East Houston Street landing and entryway to the waterfront;
- Relocating the two existing embayments in the park and filling the existing embayments to repurpose these areas for recreational programming and creating two new replacement embayments to provide a net gain in water area;
- Relocating and reconstructing the amphitheater as an outdoor theater space; and
- Reconstructing all water and sewer infrastructure in the park, some of which is reaching the end of the serviceable life, including the outfalls and associated pipes that cross the park to the East River bulkhead.

The proposed design objective also includes creating a more ecological and resilient landscape approach in the park allowing for both informal landscapes and planting plans that together would improve the park’s ecological resilience.

From East River Park, the proposed flood protection system continues west across the FDR Drive with closure structures (comprised of two swing gates that when deployed would close this segment of the system across the highway, but in non-storm conditions would be recessed to the sides of the highway). The floodwall then turns north and is aligned along the west

(southbound) side of the FDR Drive to connect into the flood protection system at the Con Edison East River Generating Station (located between East 14th and East 15th Streets). North of the generating station, a closure structure is proposed across the East 15th Street ramp from the FDR Drive and the floodwall continues northward along the FDR Drive to Murphy Brothers Playground. In this segment, acquisitions are proposed to allow access to operate, inspect, and maintain the proposed flood protection system at both Riis Houses and the Con Edison properties (see the description below under “F. Actions Necessary to Facilitate the Project, Proposed Acquisitions”).

At Murphy Brothers Playground, the Proposed Project includes a floodwall aligned along the east side of the park. As part of the project, the park would also be reconstructed with new ballfields and active recreational spaces, grading and landscaping, and a new maintenance area is proposed in the south corner.

Beginning at the northeast corner of Murphy Brothers Playground, the proposed flood protection system turns east along Avenue C and back towards the East River, crossing the FDR Drive ramps where two swing gate closure structures are proposed under the elevated FDR Drive into Stuyvesant Cove Park. Within Stuyvesant Cove Park, the proposed flood protection system is a combination of floodwalls with closure structures (roller gates) at the southerly entrance (from Avenue C) and at the East 20th Street entrance to allow access into the park for the public to reach the waterfront esplanade. With the Proposed Project Stuyvesant Cove Park is proposed to be reconstructed with new raised grades and landscaping. Design in this segment will also be coordinated with the proposed Solar One Environmental Education Center. The Proposed Project will maintain public access along the waterfront at Stuyvesant Cove Park by preserving both the waterfront walkway along the water’s edge as well as the interior shared access path along its current alignment. Also proposed is grading and landscaping in the park (raising the interior grade and integrating the proposed flood protection system) with meandering public paths through the proposed landscape and a planting plan comprised of ground cover grasses and replacement trees.

North of Stuyvesant Cove Park, the proposed flood protection system again turns west and back under the elevated FDR Drive at East 23rd Street. In this segment, a combination of floodwalls and closure structures (roller and swing gates) are proposed to maintain vehicular and pedestrian circulation through this intersection under non-storm conditions including: vehicular access to the FDR Drive ramps and service roads; pedestrian and cyclist access to the shared-use path; and vehicle and pedestrian access to Waterside Plaza (including the U.N. School and the British International School of New York), the Skyport Marina and parking garage, and a service station. These gates would be recessed, except under storm conditions when they are deployed to provide the proposed flood protection in this segment.

North of East 23rd Street and west of the FDR Drive, the proposed flood protection system continues northward along the sidewalk of the southbound FDR Drive service road. The proposed system then turns westward into and across the Asser Levy Park Playground (between the Asser Levy Recreation Center and the outdoor recreational space); here, a roller floodgate is proposed to maintain access across the park to these facilities during non-storm conditions. When deployed, the roller floodgate would tie into the VA Medical Center flood protection system. The existing VA Medical Center flood protection system that runs north and then west along East 25th Street to First Avenue then completes this northern segment of the proposed flood protection system. Along this segment, an acquisition is proposed to allow connection to the VA Medical Center flood protection system and to operate, inspect, and maintain the proposed system within the VA Medical Center (see the description below under “F. Actions Necessary to Facilitate the Project, Proposed Acquisitions”).

Proposed Drainage System Modifications

Overview

In addition to the project elements proposed to prevent tidal surge flooding, modifications to the City’s drainage system are also proposed to prevent tidal flooding from entering the protected area through the sewer system and to minimize inland flooding associated with a simultaneous tide and rain event. These measures include: installing parallel conveyance pipes and two interceptor gates (see the discussion below); floodproofing the regulators, manholes, and other combined sewer infrastructure; installing tide gates on the combined sewer outfalls and rerouting storm drainage; and, installing one isolation gate valve in the regulator below Asser Levy Playground.

Interceptor Gates

As stated above, two interceptor gates are proposed. The southern interceptor gate proposed in Project Area One is to be located in the existing sidewalk and lawn along the western edge of the

FDR Drive right-of-way at a location just south of the Corlears Hook Bridge. The northern interceptor gate proposed in Project Area Two is to be located in the median of East 20th Street, just west of the intersection with Avenue C. During a storm event, these gates would deploy into the interceptor pipe to prevent combined flow or storm surge floodwaters from entering the protected area through the sewer system. While mostly below grade, the above-grade elements of these systems include the equipment necessary to operate the interceptor gates, which would be housed in a one-story structure.

Parallel Conveyance Pipes

The existing interceptors and outfalls are the principal components of the infrastructure system in the project area. During a storm event, as the East River tide rises, the tide gates at the ends of the outfalls will deploy which would prevent outflow and potentially result in backups in the sewer system. Parallel conveyance pipes are therefore proposed to augment the conveyance capacity of the system. These pipes are below grade and located in street right-of-way except for two locations where in-street locations are not feasible and limited private property acquisitions are needed (see the description below under “F. Actions Necessary to Facilitate the Project, Proposed Acquisitions”).

OPERATION AND MAINTENANCE OF THE SYSTEM

An operations and maintenance manual will be prepared for the proposed flood protection system to identify the procedures for deploying, inspecting, testing, and maintaining each element of the proposed flood protection system and to ensure that the floodwalls and closure structures remain in proper working order and are ready to perform in advance of a design storm event.

Operation and maintenance of the proposed parallel conveyance and interceptor gates would require periodic inspection and maintenance of the piping and mechanical equipment. These inspections would be in accordance with standard operation and maintenance procedures for the City’s sewer infrastructure and a pre-approved operations and maintenance protocol developed for the Proposed Project.

F. ACTIONS NECESSARY TO FACILITATE THE PROJECT

1) PROPOSED ACQUISITIONS

INTRODUCTION

The Proposed Project would be developed primarily on City-owned property, which includes City parkland and land within a mapped bed-of-street. However, the City of New York will need to acquire non-City-owned property to facilitate this project. These acquisitions will permit the City to operate, inspect, and maintain the proposed flood protection system including the parallel conveyance elements. The locations of the properties that the City intends to acquire are described below (see also **Table 1: Actions Necessary to Facilitate the Project** and **Figure 5: Aerial Map with Proposed Actions**).

PROPOSED ACQUISITIONS

Gouverneur Gardens Housing Corporation, Manhattan Block 244, Lot 19

This lot is occupied by a multi-story residential building and the area proposed for acquisition includes a fence at the property line as well as the side yard lawn and seven trees. The property is zoned R7-2.

In this project segment, the proposed flood protection system is to be located within the mapped bed-of-street of Montgomery Street and mapped bed-of street of South Street. The proposed acquisition of a portion of Block 244 Lot 19 (see **Figure 6: Tax Maps, Figure 7: Photographs, and Figure 8: Aerial Views**) would enable the City to have access to the property to operate, inspect, and maintain the proposed flood protection system. This segment of the proposed floodwall is proposed at the northern mapped right-of-way line of Montgomery Street and the western mapped right of way line along South Street. This proposed alignment minimizes impacts on street use, including pedestrian circulation. However, by placing the proposed floodwall within the mapped bed-of-street right of way line, the City will need access to the adjoining private property to operate, inspect, and maintain the proposed floodwall.

The proposed acquisition is over the south and east yards of the lot, but does not include the structure. Other than an existing fence that would have to be removed, the acquisition area is a landscaped yard and there are no accessory structures in the proposed acquisition area. In addition to the right to operate, inspect and maintain the proposed floodwall, the proposed

acquisition would also prohibit the planting of any deep-rooted trees or the installation of permanent structures in the easement area.

East River Housing Corporation, Manhattan Block 321, Lot 1

Lot 1 is occupied by two multi-story residential buildings. The proposed acquisition of a portion of Block 321 Lot 1 (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) would enable the City to have access to the property to operate, inspect, and maintain the regulator M-29 parallel conveyance system proposed to be sited on this lot. The proposed acquisition area is within the parking lot that is accessory to the housing complex. There are no structures within the proposed acquisition area. The property is zoned R7-2.

New York City Housing Authority (Baruch Houses), Manhattan Block 323, Lot 1

Several multi-story residential buildings occupy this lot. The proposed acquisition of a portion of Block 323, Lot 1 (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) would enable City access to the property to operate, inspect, and maintain the regulator M-31 parallel conveyance system proposed at this lot. The proposed acquisition area includes a side yard lawn that has a fence and a sign for the housing complex. There are no structures within this proposed acquisition area and it is primarily occupied by side yard lawn. The property is zoned R7-2.

New York City Housing Authority (Jacob Riis Houses), Manhattan Block 367, Lot 1

This lot is occupied by several multi-story residential buildings. The proposed acquisition of a portion of Block 367, Lot 1 (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) would enable the City to have access to the property to operate, inspect, and maintain the proposed floodwall. While the proposed floodwall would not be on the property, it is proposed to be aligned along the westerly edge of the FDR Drive right-of-way, and periodic access onto this property would be necessary to perform inspections, maintenance, and repair of the floodwall, as needed. The proposed acquisition area includes portions of the rear yard containing lawn areas, fences, a tree, and a section of sidewalk.

The proposed acquisition area does not include any structures or special landscaping features. There is an existing fence and one tree that would need to be removed and it is primarily occupied by lawn and sidewalks. The property is zoned R7-2.

Con Edison, Manhattan Block 988, Lot 1

This lot is occupied by the Con Edison East River Generating station. Two acquisition areas are proposed on this lot (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**). The first is located on the south side of the lot along the frontage with East 14th Street and would allow the watertight connection to the Con Edison generating station. The other acquisition addresses access to the interior of the generating station and would allow the City to inspect, maintain, and repair, as needed, the Con Edison flood protection system within the East River Generating Station. The proposed acquisitions would affect only a small portion of the lot. This property is zoned M3-2, which is a heavy manufacturing zoning district.

At this location, the flood protection system crosses East 14th Street and is proposed to connect the Con Edison East River Generating Station structure and its recently completed flood protection system. The proposed connection to the generating station structure must be sealed and watertight and therefore the proposed acquisition would allow the City to install the watertight connection and also to operate, inspect, and maintain both this connection and, as needed, the Con Edison flood protection system on this block that is proposed internal to the power generating structure, since this will be a contributing element in the ESCR comprehensive flood protection system.

Con Edison, Manhattan Block 990, Lot 1

This lot is occupied by a Con Edison office building, adjacent parking lot, and an area for storing equipment and materials. The Con Edison property is bounded to the south by East 15th Street and adjacent and to the east is the FDR Drive off-ramp. The proposed acquisition of a portion of Block 990, Lot 1 (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) is for two purposes. The first purpose is to allow the City to operate, inspect, and maintain the flood protection system proposed along the FDR Drive. In addition to the rights to operate, inspect, and maintain the structure, the proposed acquisition would also prohibit the planting of any deep-rooted trees or installing permanent structures within 15 feet of the proposed flood protection system.

The second purpose is to allow the City access to operate, inspect, and maintain a flood protection system tide gate proposed to be installed in an existing City outfall that extends beneath this property. The proposed tide gate would prevent tidal flow from entering the protected area through the sewer system during a storm event. This proposed acquisition area is occupied by surface parking that is accessory to the Con Edison operations. The property is zoned M3-2, which is a heavy manufacturing zoning district.

U.S. Department of Veterans Affairs, Manhattan Block 955, Lot 5

This lot is occupied by the VA Medical Center complex. The proposed acquisition of a portion of Block 995, Lot 5 (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) is for two purposes. The first purpose is to allow a watertight connection to the VA Medical Center flood protection system.

The second purpose is to allow the City access to operate, inspect, and maintain both that connection and the segment of the VA Medical Center existing floodwall to East 25th Street and the system terminus at First Avenue and including two closure structures in this segment. The proposed acquisition area includes the area along an existing floodwall that protects that facility against flooding. The property is zoned R8.

New York State Department of Transportation, portion of the mapped FDR Drive

This proposed acquisition (see **Figure 6: Tax Maps**, **Figure 7: Photographs**, and **Figure 8: Aerial Views**) is to allow the proposed flyover bridge. The proposed acquisition area is property that is owned by the New York State Department of Transportation and is currently part of the Captain Patrick J. Brown Walk, which is the public walkway situated between the FDR Drive and the East River. The purpose of this acquisition, which would extend along the entire length of the walk between Block 988 Lot 75 on the south and Stuyvesant Cove Park on the north, is to allow the City to site the north landing for the proposed bridge and to allow access to operate, inspect, and maintain the proposed bridge.

2) ZONING TEXT AMENDMENT (EAST SIDE COASTAL RESILIENCY)

As stated above, much of the Proposed Project is aligned within mapped street or parkland and is therefore not subject to the requirements of the City’s Zoning Resolution. There is, however, a segment of the system proposed in Stuyvesant Cove Park (see **Figure 7: Photographs**), which is City-owned property that is mapped as a “Marginal Street, Wharf, or Place” (this property is under the jurisdiction of SBS and managed by NYCEDC) where the provisions of Article VI, Chapter 2 (Special Regulations Applying in the Waterfront Area) of the Zoning Resolution do apply, specifically sections 62-50 (GENERAL REQUIREMENTS FOR VISUAL CORRIDORS AND WATERFRONT PUBLIC ACCESS AREAS) and 62-60 (DESIGN REQUIREMENTS FOR WATERFRONT PUBLIC ACCESS AREAS). Stuyvesant Cove Park is currently a waterfront public access area and would remain open to the public with the Proposed Project. The proposed redesign of the park will not comply with the following provisions of these sections.

- Section 62-511 requires that upland streets that terminate at a waterfront block shall be prolonged as visual corridors to the water. The street grid along this waterfront segment is unusual with three wide mapped and built streets upland of the subject property that if prolonged would also intersect the waterfront from different and less than right angles. These upland streets include Avenue C on the south (approximately 120 feet wide), East 20th Street (approximately 135 feet wide), and East 23rd Street on the north (approximately 130 feet wide).
- Section 62-511 also requires that such visual corridors be no more than 600 feet apart in the event that the distance between upland streets intersecting the waterfront block is more than 600 feet. The upland blocks here are also unusually large and as result the distance between Avenue C and East 20th Street is approximately 575 feet and the distance from East 20th to East 23rd Street is 850 feet. Conditions at both the Avenue C and East 23rd Street locations are further complicated by the presence of marginal roads and exit and entrance ramps to the elevated FDR Drive.
- Section 62-512 requires that these visual corridors be no less than 50 feet in width. The Proposed Project would consist of three open corridors to the river including the southerly entrance from Avenue C (approximately 50 feet wide), at East 20th Street (approximately 30 feet wide), and at the end of East 23rd Street (approximately 65 feet wide). The width of the East 20th Street corridor (30 feet), and the distance between the East 20th and East 23rd Street corridors (850 feet) do not fully comply with the provisions of 62-50. Moreover, raising the interior grade of the park, integrating the proposed flood protection system, and design elements such as floodgates would not comply with the regulations 62-50 and 62-60.
- Section 62-53 requires that waterfront walkways shall have a minimum width of 30 feet. The existing paved walkway along the water’s edge at Stuyvesant Cove Park generally averages 30 feet wide and runs along the entire length of the waterfront. However, much of this walkway is proposed to be narrowed due to the grading on the waterside of the proposed flood protection system which will also include a raised landscape with a public path.

- Section 62-56 requires that the distance between upland connections not exceed 600 feet and specifies minimum widths for these connections. Connections to the upland as required under 62-56 will be provided at Avenue C and East 20th Street with an additional connection provided adjacent to the proposed Solar One facility. These proposed connections include a 45-foot-wide access at Avenue C, a 30-foot-wide access at East 20th Street, and a 35-foot-wide connection adjacent to Solar One. The connection along East 23rd Street will continue to be substandard with narrow and irregular walkways to the waterfront that are primarily due to the existing street configuration of intersecting roadways (East 23rd Street, the FDR Drive access ramps, and marginal way) at this location. Each of these connections would also have a floodgate that would need to be deployed during the storm conditions.
- Section 62-651 specifies design requirements for fences and walls, including maximum heights of 36 inches and 21 inches, respectively. The proposed floodwalls and gates would be solid structures about 8 feet above grade and would not meet the design requirements for fences, gates, and other protective barriers as defined in subsection 62-651. The remainder of the design requirements in Section 62-60; including landscaping, lighting, seating, signage, and paving; may be achieved in the final design, however, the proposed zoning text amendment would provide flexibility as the design process progresses.

If the Stuyvesant Cove Park segment of the Proposed Project was designed to fully comply with the waterfront zoning regulations detailed above, it could compromise the effectiveness of the flood protection system. Therefore, allowing the proposed design flexibility with these regulations is essential to ensuring that the Proposed Project provides flood protection for the upland areas.

The proposed zoning text amendment allows the waterfront zoning regulations in sections 62-50 and 62-60 to be considered satisfied as long as: (1) the park remains open and accessible to the public at a minimum from dawn to dusk, and (2) the maintenance and operation of the park is conducted by a City or State entity or its designee.

G. CONCLUSION

The above-described actions are necessary to implement the ESCR project, which proposes to install a flood protection system between Montgomery Street on the south and East 25th Street on the north to protect the inland portions of the project area from tidal and storm surge flood events. The proposed acquisitions would allow the City to acquire the right to access the identified properties for the purposes of inspecting, operating, and maintaining the proposed flood protection system and would limit tree planting and the placement of structures within the easement area. The proposed acquisitions would not significantly affect the use of or access to any properties or any primary or accessory structures. To meet the requirements of the proposed zoning text amendment, Stuyvesant Cove Park would continue to be open and accessible to the public from dawn to dusk and will be maintained and operated in good condition.

**Table 1
Actions Necessary to Facilitate the Project**

Map Index No. (see also Figure 5)	Action	Property owner	Block	Lot	Purpose of Action
1	PQ	Gouverneur Gardens Housing Corporation	244	p/o 19	Acquisition: To enable the City to operate, inspect, and maintain the proposed floodwall
2	PQ	East River Housing Corporation	321	p/o 1	Acquisition: To enable the City to operate, inspect, and maintain drainage improvements
3	PQ	New York City Housing Authority (Baruch Houses)	323	p/o 1	Acquisition: To enable the City to operate, inspect, and maintain drainage improvements
4	PQ	New York City Housing Authority (Riis Houses)	367	p/o 1	Acquisition: To enable the City to operate, inspect, and maintain the proposed floodwall
5	PQ	Con Edison	988	p/o 1	Acquisition: To enable the City to operate, inspect, and maintain the proposed floodwall
6	PQ	Con Edison	990	p/o 1	Acquisition: To enable the City to operate, inspect, and maintain the proposed floodwall
7	PQ	U.S. Department of Veterans Affairs	955	p/o 5	Acquisition: To enable the City to operate, inspect, and maintain the proposed floodwall
8	PQ	New York State Department of Transportation	p/o FDR Drive right of way	p/o FDR Drive right of way	Acquisition: To enable the City to operate, inspect, and maintain the proposed flyover bridge
9	ZR	New York City Department of Small Business Services	Marginal Wharf, Street or Place	Marginal Wharf, Street or Place	Zoning text amendment to ZR §62-59 to allow the Proposed Project to satisfy the visual corridor and design requirements for lots subject to waterfront regulations.



Project Elements

-  Proposed Floodwall
-  Redesigned Open Spaces

Public Facility-Site Selection/AcquisitionPF

1.

Application No. _____

Requested action and proposed facility

(Check all of the appropriate boxes.)

a. ACTION REQUESTED:

- SITE SELECTION
- ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
- NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS
- 1) IMPROVED UNIMPROVED PARTLY IMPROVED
 - 2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction _____

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 244, Lot 19), is under the ownership of Gouverneur Gardens Housing Corporation and is currently developed with residential uses. The area of the proposed acquisition is occupied by side and rear yard landscaping.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) +/-225
- 2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
- 3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
- 4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a. SITE AREA EST. 2,000 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18.X01.008 FY 2020
- b. NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0 Hours/days
Working: On-site Off-site
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c. NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d. No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a. IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b. IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017 - 2018
- c. DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N . A .
- d. INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility

(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction _____

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 321, Lot 1), is under the ownership of East River Housing Corporation and is currently developed with residential uses. The area of the proposed acquisition is occupied by an accessory surface parking area.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) +/-840
- 2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
- 3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
- 4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 2,500 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18.X01.008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0 Hours/days
Working: On-site Off-site
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N . A .
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility

(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction NYCHA

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 323, Lot 1), is under the ownership of the New York City Housing Authority (Baruch Houses) and is currently developed with residential uses. The area of the proposed acquisition is occupied by side yard landscaping as well as the adjoining sidewalk.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) +/-2,390
- 2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
- 3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
- 4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 1,300 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18,X01,008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0 Hours/days
Working: On-site Off-site
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N . A .
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility

(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction NYCHA

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 367, Lot 1), is under the ownership of the New York City Housing Authority (Riis Houses) and is currently developed with residential uses. The area of the proposed acquisition is occupied by side and rear yard landscaping as well as the adjoining sidewalk.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) +/-750
- 2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
- 3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
- 4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 3,500 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18.X01.008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0
Working: On-site Off-site Hours/days
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N . A .
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility

(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction _____

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 988, Lot 1 and Block 990, Lot 1) is under the ownership of ConEdison and is currently developed with a power generating station, office space, and accessory storage and surface parking uses. The area of the proposed acquisitions is yard or sidewalk and interior building areas (Block 988, Lot 1) or is occupied by parking uses (Block 990, Lot 1).

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) 0
2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
3) MANUFACTURING USES (Number of firms) 1 (Total manufacturing employees) 250
4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 35,700 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18,X01,008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0 Hours/days
Working: On-site Off-site
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N . A .
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility

(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction New York State Dept of Transportation

- b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE** (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property is under the ownership of the New York State Department of Transportation and is currently improved as a highway corridor with a waterfront esplanade.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) 0
- 2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
- 3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
- 4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 20,000 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18.X01.008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0 Hours/days
Working: On-site Off-site
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N.A.
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

Public Facility-Site Selection/AcquisitionPF

1.

Requested action and proposed facility
(Check all of the appropriate boxes.)

Application No. _____

a. ACTION REQUESTED:

- SITE SELECTION
 ACQUISITION

b. PROPOSED FACILITY IS:

- EXISTING FACILITY EXPANSION
 NEW FACILITY

If action involves selection and/or acquisition of an **existing facility**, how long has existing facility been at this location and what process was used to authorize use of site?

N/A

If action involves a **new facility**, will it replace another facility located elsewhere? Yes No

If yes, where is the other facility located and why is it being replaced?

N/A

2.

Existing conditions of proposed site

- a. SITE IS** 1) IMPROVED UNIMPROVED PARTLY IMPROVED
2) CITY-OWNED* OWNED BY OTHER PUB. ENTITY PRIVATELY-OWNED

*Name of agency or other public entity having jurisdiction US Department of Veterans Affairs

b. DESCRIBE EXISTING IMPROVEMENTS AND CURRENT USES ON THE SITE (If site is substantially vacant but has had uses within the past two years, briefly describe such uses and proceed to item 3.)

The subject property (Block 955, Lot 5) is under the ownership of the US Department of Veterans Affairs and is currently developed with hospital uses. The area of the proposed acquisition is occupied by a perimeter flood protection system for the hospital complex.

- 1) RESIDENTIAL USES ONSITE (Number of dwelling units) 0
2) COMMERCIAL USES ONSITE (Number of firms) 0 (Total commercial employees) 0
3) MANUFACTURING USES (Number of firms) 0 (Total manufacturing employees) 0
4) WILL DISPLACEMENT/RELOC. OF ABOVE USES BE REQ'D? NO YES If yes, describe below:

N/A

3.

Proposed facility

- a.** SITE AREA EST. 13,270 sf FLOOR AREA 0 ZONING USE GROUP 0 CAPITAL BUDGET LINE SANDRESM18,X01,008 FY 2020
- b.** NUMBER OF EMPLOYEES (main shift): 0 0 SHIFT: 0
Working: On-site Off-site Hours/days
- OTHER SHIFTS AND NUMBER OF EMPLOYEES: Periodic inspection and maintenance; no on-site staff
- c.** NUMBER AND TYPE OF FACILITY VEHICLES: 0 0 0
On-site Off-site Location
- d.** No. OF ACCESSORY PARKING SPACES TO BE PROVIDED: 0 0 0
On-site Off-site Location

4.

Fair Share

- a.** IS PROJECT SUBJECT TO FAIR SHARE CRITERIA? NO YES
IF NOT, PLEASE EXPLAIN: The proposed project is not a City facility under Fair Share.
- b.** IS PROJECT LISTED IN STATEMENT OF NEEDS? NO YES FY 2017-2018
- c.** DID BOROUGH PRESIDENT PROPOSE ALTERNATE SITE PURSUANT TO CHARTER SECTION 204(f) or (g)?
NO YES
IF YES, WHAT SITE? N.A.
- d.** INDICATE TYPE OF FACILITY: LOCAL/NEIGHBORHOOD REGIONAL/CITYWIDE

**Excerpt from 2017-2018
Citywide Statement of Needs (p. 41)**

AGENCY	Department of Parks and Recreation (DPR) and Office of Recovery and Resiliency (ORR)
PROPOSAL	Installation of Integrated Flood Protection System on the East Side of Manhattan
AREA SERVED	Regional – Manhattan CDs 3 and 6
PUBLIC PURPOSE	As a key component of New York City's <i>One New York: The Plan for a Strong and Just City</i> , and the HUD sponsored <i>Rebuild by Design Competition</i> , the City is proposing to install an integrated flood protection system on the east side of Manhattan from Montgomery to East 23 rd streets with the objective of reducing coastal flood hazards, mitigating flood risk for a diverse and vulnerable residential population, and safeguarding critical energy, infrastructure, public open space, commercial and transportation assets.
SIZE	TBD
PROPOSED LOCATION	East side of Manhattan from Montgomery Street to E. 23 rd Street, Manhattan CDs 3 and 6
SITING CRITERIA	Privately-owned properties on the east side waterfront required for the project footprint that is not currently in municipal ownership and potential siting of drainage infrastructure

City Map Change MM

Proposed City Map Change

(Check appropriate boxes)

APPLICATION NO

- 1. ESTABLISH NEW..... STREET PARK PUBLIC PLACE GRADE
- 2. ELIMINATE EXISTING..... STREET PARK PUBLIC PLACE GRADE
- 3. CHANGE EXISTING STREET..... WIDTH ALIGNMENT GRADE
- 4. EASEMENT
 Delineate New..... Remove Existing..... Modify Existing.....
- 5. RELATED ACQUISITION OR DISPOSITION OF PROPERTY

Zoning Map Change ZM

Proposed Zoning Map Change(s)

APPLICATION NO

(If more than five changes are being requested, enter "see attached" below and list ALL PROPOSED ZONING CHANGES in the same format as below on a separate sheet titled "Proposed Zoning Map Changes")

CHANGE #1	FROM:	_____	TO:	_____
		EXISTING		PROPOSED
CHANGE #2	FROM:	_____	TO:	_____
		EXISTING		PROPOSED
CHANGE #3	FROM:	_____	TO:	_____
		EXISTING		PROPOSED
CHANGE #4	FROM:	_____	TO:	_____
		EXISTING		PROPOSED
CHANGE #5	FROM:	_____	TO:	_____
		EXISTING		PROPOSED

Zoning Text Amendment ZR

Affected Zoning Resolution (ZR) Sections

APPLICATION NO.

If more than five sections are proposed to be amended, enter "see attached" below, and list ALL PROPOSED TEXT AMENDMENTS in the same format as below on a separate sheet titled "Proposed Zoning Text Amendments.")

ZR SECTION NUMBER	ZONING RESOLUTION SECTION TITLE
<u>62-59</u>	<u>Special Regulations for Zoning Lots that Include Parks</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

EAST SIDE COASTAL RESILIENCE
ZONING TEXT AMENDMENT

Matter underlined is new, to be added;

Matter ~~struck out~~ is old, to be deleted;

Matter within # # is defined in Section 12-10;

* * * indicates where unchanged text appears in the Zoning Resolution

ARTICLE VI
SPECIAL REGULATIONS APPLICABLE TO CERTAIN AREAS

Chapter 2
Special Regulations Applying in the Waterfront Area

* * *

62-59
Special Regulations for Zoning Lots that Include Parks

* * *

(c) In order to implement a portion of the East Side Coastal Resiliency Project described in the Final Environmental Impact Statement (FEIS) dated [date of final FEIS], located in a marginal street, wharf or place used as a park, in an M1-1 District located in Manhattan Community District 6, for #zoning lots predominantly developed# as a park, the requirements of Sections 62-50, inclusive, and 62-60, inclusive, shall be deemed satisfied, and the certification pursuant to Section 62-811 (Waterfront public access and visual corridors) shall not be required, provided that:

- (1) the park will be open and accessible to the public at a minimum from dawn to dusk, except when hazardous conditions are present that would affect public safety; and
- (2) a maintenance and operation agreement providing for the maintenance and operation of the park in good condition is entered into with the City of New York, except that no such maintenance and operation agreement shall be required for a park developed and maintained by the State or the City of New York, any subdivision or agency of the State or the City, or any public authority or other entity created pursuant to State or local statute for the purpose of operating such park.

No excavation or building permit shall be issued within such #zoning lot predominantly developed# as a park, for the portion of the Project implemented pursuant to this paragraph, (c), until all applicable Federal, State and local permits and approvals have been received, including, without limitation, permits and approvals of the New York State Department of Environmental Conservation.

* * *



NYC Parks

Alyssa Cobb
Assistant Commissioner
Planning & Parklands

T 212.360.3402
F 212.360.3453

E Alyssa.Cobb@parks.nyc.gov

City of New York
Parks & Recreation

The Arsenal
Central Park
New York, NY 10065
www.nyc.gov/parks



POSITIVE DECLARATION

NOTICE OF INTENT TO PREPARE A DRAFT ENVIRONMENTAL IMPACT STATEMENT

<p>PROJECT: East Side Coastal Resiliency Project New York, New York CEQR: 15DPR013M</p>	<p>LEAD AGENCIES: NEPA: New York City Office of Management and Budget 255 Greenwich Street, 8th floor New York, NY 10007 SEQRA/CEQR: New York City Department of Parks & Recreation The Arsenal, Central Park 830 Fifth Avenue New York, New York 10065</p>
--	--

DATE ISSUED: October 28, 2015

TYPE OF ACTION: Type I

PROJECT IDENTIFICATION:

In order to address flood hazard vulnerability for an approximately 2.4 mile stretch of Manhattan's East River waterfront, the City of New York is proposing to construct an integrated flood risk reduction system called the East Side Coastal Resiliency (ESCR) Project. The proposed project area extends between Montgomery Street on the south and East 23rd Street (and in one alternative East 25th Street) on the north, and also includes inland segments along these streets. The proposed project area is within Manhattan Community Districts 3 and 6. To implement the proposed project, the City of New York is proposing to enter into a grant agreement with the U.S. Department of Housing and Urban Development (HUD) to accept \$335 million in Community Development Block Grant-Disaster Recovery (CDBG-DR) Funds. These funds would be provided by HUD to the City's Office of Management and Budget (OMB) for use in project implementation. Thus, OMB has been designated as the project's "Responsible Entity" in accordance with HUD regulations and is the Lead Agency for the environmental review pursuant to the National Environmental Policy Act (NEPA). Additionally, implementation of the proposed project requires multiple City and state actions and involves substantial activities in City parkland. Thus, the New York City Department of Parks & Recreation (DPR) is the Lead Agency in fulfilling the environmental review requirements of the State Environmental Quality Review Act (SEQRA) and City Environmental Quality Review (CEQR).



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PROJECT DESCRIPTION:

The proposed integrated flood risk reduction system may be comprised of a combination of berms (or "bridging berms"), floodwalls, and deployable elements that would be located within existing City parkland and streets and potentially into non-City-owned property. The proposed project responds to the urgent need for increased flood protection and resiliency within this Federal Emergency Management Agency (FEMA)-designated flood hazard area. In doing so, the proposed project is intended to safeguard commercial and residential properties, and critical energy, infrastructure, and transportation systems against coastal flooding, and make related improvements to City infrastructure while simultaneously improving public open space and enhancing the accessibility and quality of waterfront open space in East River Park and Stuyvesant Cove Park. If all approvals are issued, project construction is anticipated to commence in summer 2017 and be completed in 2022.

REQUIRED APPROVALS

Implementation of the Proposed Action would involve federal, State, and City approvals, and is subject to NEPA, SEQRA, and CEQR and their implementing regulations. The federal, State, and City agencies that may potentially be involved in the environmental review and regulatory permitting processes are as follows.

FEDERAL

- U.S. Department of Housing and Urban Development (HUD) – Disbursement of funds, administration of CDBG-DR grant to the City of New York; review of Action Plan Amendments.
- U.S. Army Corps of Engineers (USACE) – Permits or authorizations for activities in Waters of the United States (Section 404 of the Clean Water Act) or structures within navigable waters (Section 10 of the Rivers and Harbors Act).
- U.S. Environmental Protection Agency (USEPA), U.S. Fish and Wildlife Service (USFWS), National Oceanic and Atmospheric Administration's (NOAA) National Marine Fisheries Service (NMFS) – Advisory agencies to the environmental review process focusing on activities that affect wetlands, water quality, protected plant and wildlife species, and essential fish habitat.
- U.S. Coast Guard (USCG) – Coordination and authorization regarding placement of construction barges and underwater work.
- Federal Emergency Management Agency (FEMA) – Review of flood protection design and potential changes to Flood Insurance Rate Maps (FIRM).
- National Park Service (NPS) – Coordination and authorization for activities that may be necessary within parkland that was improved using federal Land and Water Conservation Funds (LWCF).

STATE OF NEW YORK

- Department of Environmental Conservation (NYSDEC) – Permits related to activities in tidal wetlands or adjacent areas (Article 25) or protection of waters (Article 15), Water Quality Certification (Section 401); endangered species protection if an



NYC Parks

incidental take is determined; permits related to the State Pollutant Discharge Elimination System (SPDES) program; approvals related to the handling and transport of hazardous materials and soils.

- Department of State (NYS DOS) – Review of Coastal Zone Consistency.
- Office of Parks, Recreation and Historic Preservation (OPRIIP) – Liaison with the Federal government for purposes of administering the LWCF program, including monitoring compliance with LWCF requirements. Advisory role as the State Historic Preservation Office (SHPO) in federal review process pursuant to Section 106 of the National Historic Preservation Act (NHPA) with respect to designated and protected properties on the State and National Registers of Historic Places and properties determined eligible for such listing.
- Department of Transportation (NYSDOT) – Review of flood protection design and approvals related to construction activities along and adjacent to segments of FDR Drive under NYSDOT jurisdiction.
- Subject to the review of additional design alternatives, the Proposed Action may also require an approval from the State Legislature to alienate portions of parkland within East River Park for non-park uses.

CITY OF NEW YORK

- Office of Management and Budget (OMB) – Disbursement of funds from HUD to City agencies and NEPA Lead Agency for the environmental review.
- Department of Parks & Recreation (DPR) – Review of and issuance of permits and approvals for project design and construction in City parkland and future parkland and SEQRA/CEQR Lead Agency for the EIS.
- Mayor's Office of Recovery and Resiliency (ORR) – Advisory agency for activities and projects proposed to increase resiliency, including strengthening neighborhoods, upgrading buildings, adapting infrastructure and critical services, and strengthening coastal defenses.
- Department of Design and Construction (DDC) – Coordination of plans, designs, and environmental review of the Proposed Action for client agencies.
- Department of Environmental Protection (DEP) – Review of design and advisory agency for activities and projects related to stormwater management, water and sewer infrastructure, and natural resources.
- Department of Transportation (NYCDOT) – Review of flood protection design and permits related to activities along, adjacent to and within FDR Drive and Williamsburg Bridge footings, and the local street network.
- New York City Housing Authority (NYCHA) – Approval for activities on NYCHA property.
- Department of City Planning (DCP) – Planning and waterfront area zoning text compliance and decision-making, Coastal Zone Consistency decision-making, and approval of actions subject to Uniform Land Use Review Procedure (ULURP).
- New York City Economic Development Corporation (EDC) – Coordination and approval for activities on EDC-leased property, including Stuyvesant Cove Park and Solar One.
- Small Business Services (SBS) – Coordination and approval for activities on SBS-owned property, including Stuyvesant Cove Park and adjacent parking lot. Issuance of



NYC Parks

permits for construction related to improvement or maintenance on Waterfront Properties under SBS jurisdiction.

- New York City Emergency Management (NYCEM) – Coordination for emergency preparedness, response, and operations under storm conditions.
- Public Design Commission (PDC) – Review and approval of art, architecture, and landscape features proposed for City-owned property and capital projects.
- Landmarks Preservation Commission (LPC) – Advisory agency for activities on or near sites of historic or archaeological value.
- Department of Buildings (DOB) – Review of design and permits related to buildings including compliance with the City's Building, Electrical, and Zoning Codes and construction activities in the FEMA-designated flood hazard area.
- Department of Housing Preservation & Development (HPD) – Review and approval for the disposition of NYCHA property.
- Mayor's Office of Sustainability (MOS) – Advisory agency in CEQR review and for activities and projects proposed to advance long-term plans for sustainable growth.
- New York City Fire Department (FDNY) – Design approval for emergency access.

STATEMENT OF SIGNIFICANT EFFECT:

In accordance with NEPA and Executive Order 91 of 1977, as amended, and the Rules of Procedure for CEQR, found at Title 62, Chapter 5 of the Rules of the City of New York, OMB and DPR, as Lead Agencies, have determined that the proposed project may potentially have a significant impact on the environment in the following areas:

- (1) Land use, zoning, and public policy, due to land use disturbances and requirements for a consistency determination with the New York City Waterfront Revitalization Program;
- (2) Open space resources, as the proposed project area encompasses both East River Park and Stuyvesant Cove Park and requires modifications of existing recreational facilities as well as park and street trees;
- (3) Historic and cultural resources, due to the introduction of new structures and subsurface disturbance that could affect archaeological and architectural resources;
- (4) Urban design and visual resources, due to the introduction of new structures that could affect the urban design setting of the project and waterfront view corridors;
- (5) Natural resources, including the aquatic resources and water quality of the East River, due to site disturbance and the potential modification of the area's stormwater management system;
- (6) Hazardous materials, due to subsurface disturbance and the potential for new pathways of human exposure to contaminated materials;
- (7) Water and sewer infrastructure, due to potential effects on the City's infrastructure for water supply and combined sanitary sewer conveyance; and
- (8) Construction-related impacts that may include potential impacts on transportation systems, sensitive receptors due to air and noise emissions, and public health due to disturbances to hazardous materials.

Accordingly, OMB and DPR have determined that an EIS should be prepared in accordance with the requirements of NEPA and the implementing regulations of HUD as



NYC Parks

well as SEQRA, 6 NYCRR 617.9(b), and Sections 6-08 and 6-09 of Executive Order No. 91 of 1977, as amended.

PUBLIC SCOPING:

The first step in the environmental review process is Public Scoping. Public Scoping is when the public is invited to comment on the Draft Scope of Work proposed to be used in preparing the Draft EIS (DEIS). A Draft Scope of Work has been prepared outlining the proposed content and analysis to be used in preparing the DEIS. To that end, a Public Scoping Meeting to accept oral and written comments on that Draft Scope of Work is scheduled for December 3, 2015 at 7:00 PM at:

Bard High School Early College
525 East Houston Street
New York, NY 10002

A copy of the Draft Scope to Prepare the DEIS can be obtained online at <http://www.nyc.gov/html/cdbg/html/home/home.shtml> or by contacting:

Owen Wells, Director of Environmental Review
New York City Department of Parks & Recreation
The Arsenal, Central Park
830 Fifth Avenue, Room 401
New York, New York 10065
Telephone: 212-360-3493
Fax: 212-360-3453
Email: escr@parks.nyc.gov

Calvin Johnson, Assistant Director CDBG-DR
New York City Office of Management and Budget
255 Greenwich Street-8th Floor
New York, New York 10007
Telephone: 212-788-6024
Fax: 212-788-6222
Email: CDBGDR-Enviro@omb.nyc.gov

Written comments can also be sent to the above mailing address, fax, or email address. Written comments will be accepted by the Lead Agencies through December 21, 2015.

This Positive Declaration has been prepared in accordance with Article 8 of the Environmental Conservation Law.

Alyssa Cobb Konon, Assistant Commissioner
New York City Department of Parks & Recreation

Source: NYC Dept. of City Planning MapPLUTO v. 17v1, edited by AKRF, 2017.



- | | | | |
|-----------------------------------|-----------------------------------|------------------------------------|--------------------|
| Project Area One | No Data | Parking Facilities | Vacant Land |
| Project Area Two | Commercial and Office Buildings | Public Facilities and Institutions | Vacant Building |
| 600-Foot Boundary | Hotels | Residential | Under Construction |
| Industrial and Manufacturing | Residential with Commercial Below | Temporary Open Space | |
| Open Space and Outdoor Recreation | Transportation and Utility | | |

0 1,000 FEET



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

- R – RESIDENTIAL DISTRICT
- C – COMMERCIAL DISTRICT
- M – MANUFACTURING DISTRICT
- SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
- AREA(S) REZONED

Effective Date(s) of Rezoning:

08-09-2017 C 170187 ZMM

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

CITY MAP CHANGE(S):
▲ 10-01-2016 C 140440 MMM

MAP KEY

8a	8c	9a
8b	8d	9b
12a	12c	13a

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ZONING MAP 8d

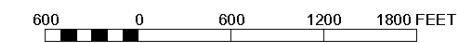
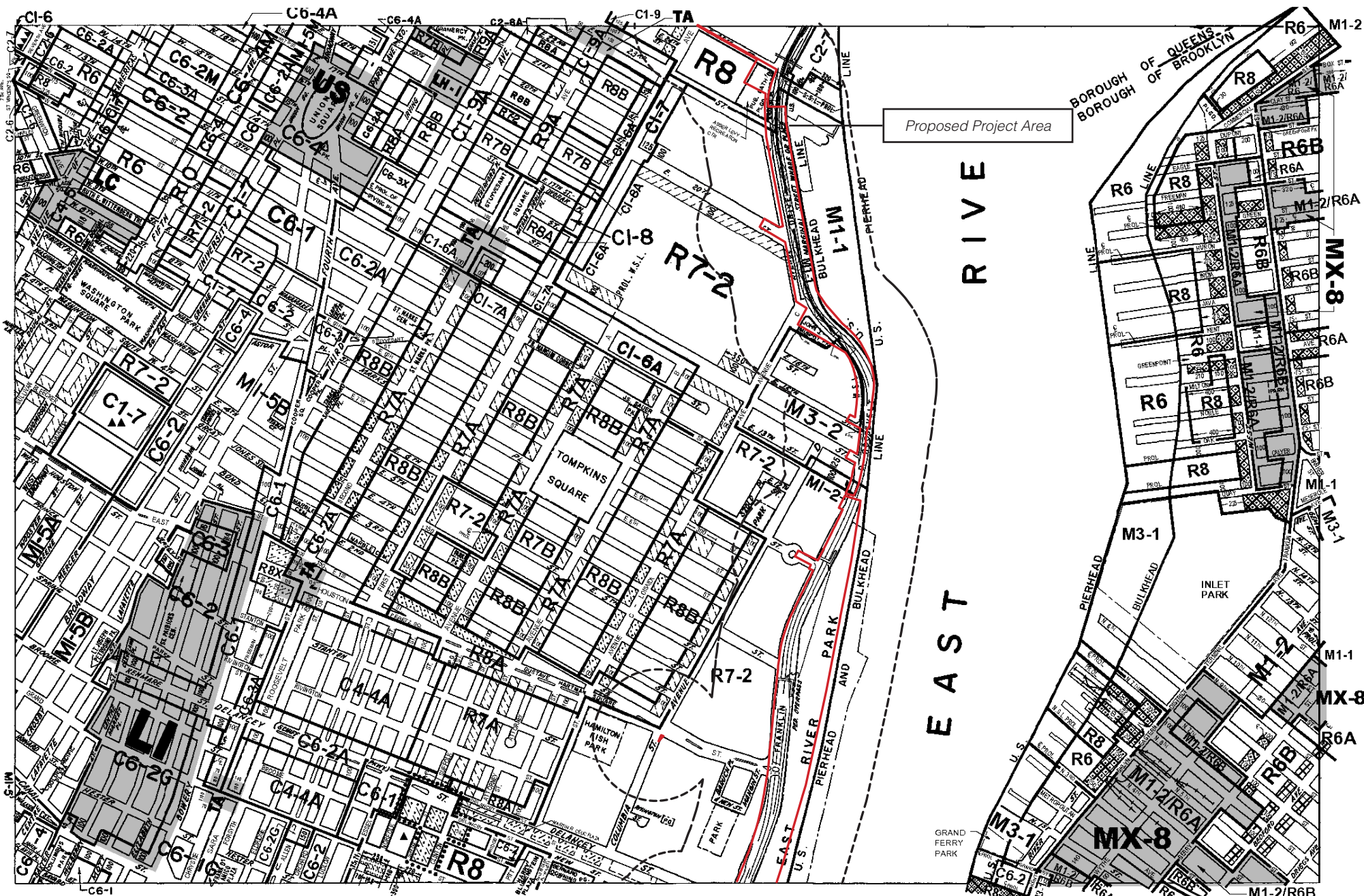
600 0 600 1200 1800 FEET

NOTE: STREETS FOR THE STREET MAP CHANGE C 040508 MMM ARE SHOWN ON THIS MAP PRIOR TO BECOMING EFFECTIVE IN ORDER TO LOCATE ZONING DISTRICT BOUNDARIES.

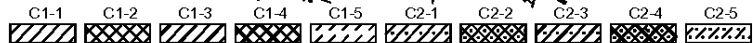
- Project Area
- 600 Foot Boundary

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII (Chapter 6 of the Zoning Resolution)



Project Area
 600 Foot Boundary



NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

- R – RESIDENTIAL DISTRICT
- C – COMMERCIAL DISTRICT
- M – MANUFACTURING DISTRICT
- SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
- AREA(S) REZONED

Effective Date(s) of Rezoning:

10-11-2012 C 120226 ZMM

Special Requirements:

- For a list of lots subject to CEQR environmental requirements, see APPENDIX C.
- For a list of lots subject to "D" restrictive declarations, see APPENDIX D.
- For Inclusionary Housing designated areas on this map, see APPENDIX F.

CITY MAP CHANGE(S):

- ▲▲▲ 8-28-2015 C 150203 MMM
- ▲▲ 7-25-2015 C 120077 MMM
- ▲ 6-01-2013 C 120156 MMM

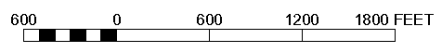
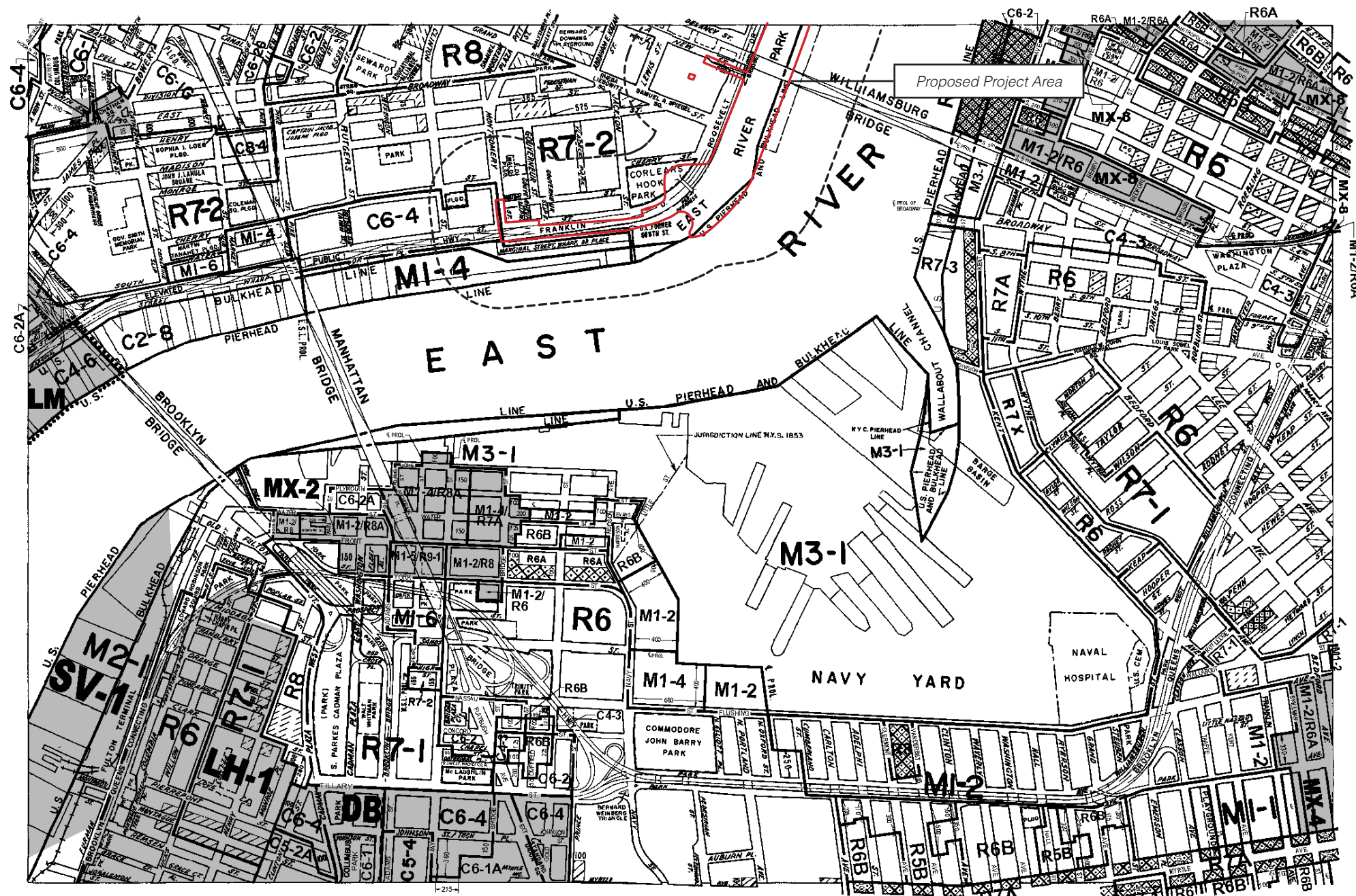
MAP KEY

8b	8d	9b
12a	12c	13a
12b	12d	13b

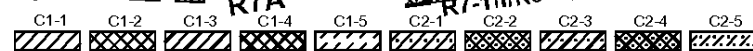
© Copyrighted by the City of New York

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291.

ZONING MAP 12c



Project Area
 600 Foot Boundary



NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

- R – RESIDENTIAL DISTRICT
- C – COMMERCIAL DISTRICT
- M – MANUFACTURING DISTRICT
- SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
- AREA(S) REZONED

Effective Date(s) of Rezoning:

03-20-2013 C 130052 ZMM

Special Requirements:

- For a list of lots subject to CEQR environmental requirements, see APPENDIX C.
- For a list of lots subject to "D" restrictive declarations, see APPENDIX D.
- For Inclusionary Housing designated areas on this map, see APPENDIX F.

MAP KEY

12a	12c	13a
12b	12d	13b
16a	16c	17a

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NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291.

Area Map (Key Map) East Side Coastal Resiliency

PROJECT INFORMATION

- Project Area
- 600' Radius
- Match Lines

ZONING

- R7-2 Zoning Districts
- Commercial Overlay C1-5
- C2-3
- C2-4
- Commercial Overlay C2-5

TRANSPORTATION INFORMATION

- 🚇 Subway Lines

LAND USE

- One & Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential & Commercial Buildings
- Commercial & Office Buildings
- Transportation/Utility
- Public Facilities & Institutions
- Open Space & Outdoor Recreation
- Parking Facilities
- Vacant Land

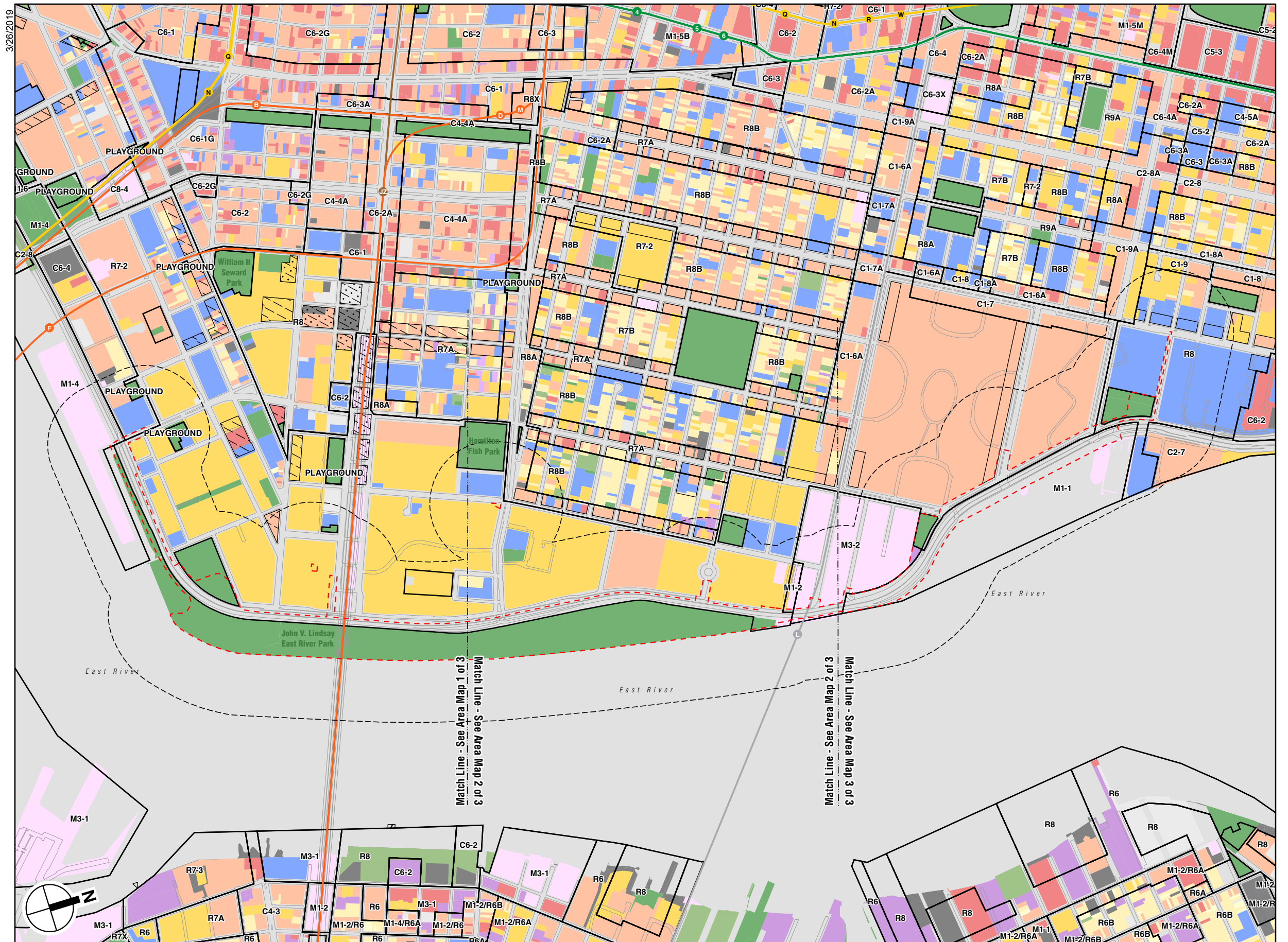




Figure 3a

0 1,000 FEET
SCALE

Area Map (1 of 3) East Side Coastal Resiliency

Borough: Manhattan
 Block 241; Lots 13, 18
 Block 243; Lot 1m 50, 56, 80
 Block 244; Lots 19, 40
 Block 262; Lot 14m 25
 Block 316: Lot 200





PROJECT INFORMATION

-  Project Area
-  600' Radius

ZONING

-  Zoning Districts
-  Commercial Overlay C1-5
-  Commercial Overlay C2-5

PROPERTY DATA

-  Block Number
-  Building Height/Number of Stories
-  Tax Lot
-  Building Footprint

TRANSPORTATION INFORMATION

-  Subway Lines

LAND USE

-  One & Two Family Buildings
-  Multi-Family Walk-Up Buildings
-  Multi-Family Elevator Buildings
-  Mixed Residential & Commercial Buildings
-  Commercial & Office Buildings
-  Transportation/Utility
-  Public Facilities & Institutions
-  Open Space & Outdoor Recreation
-  Parking Facilities
-  Vacant Land

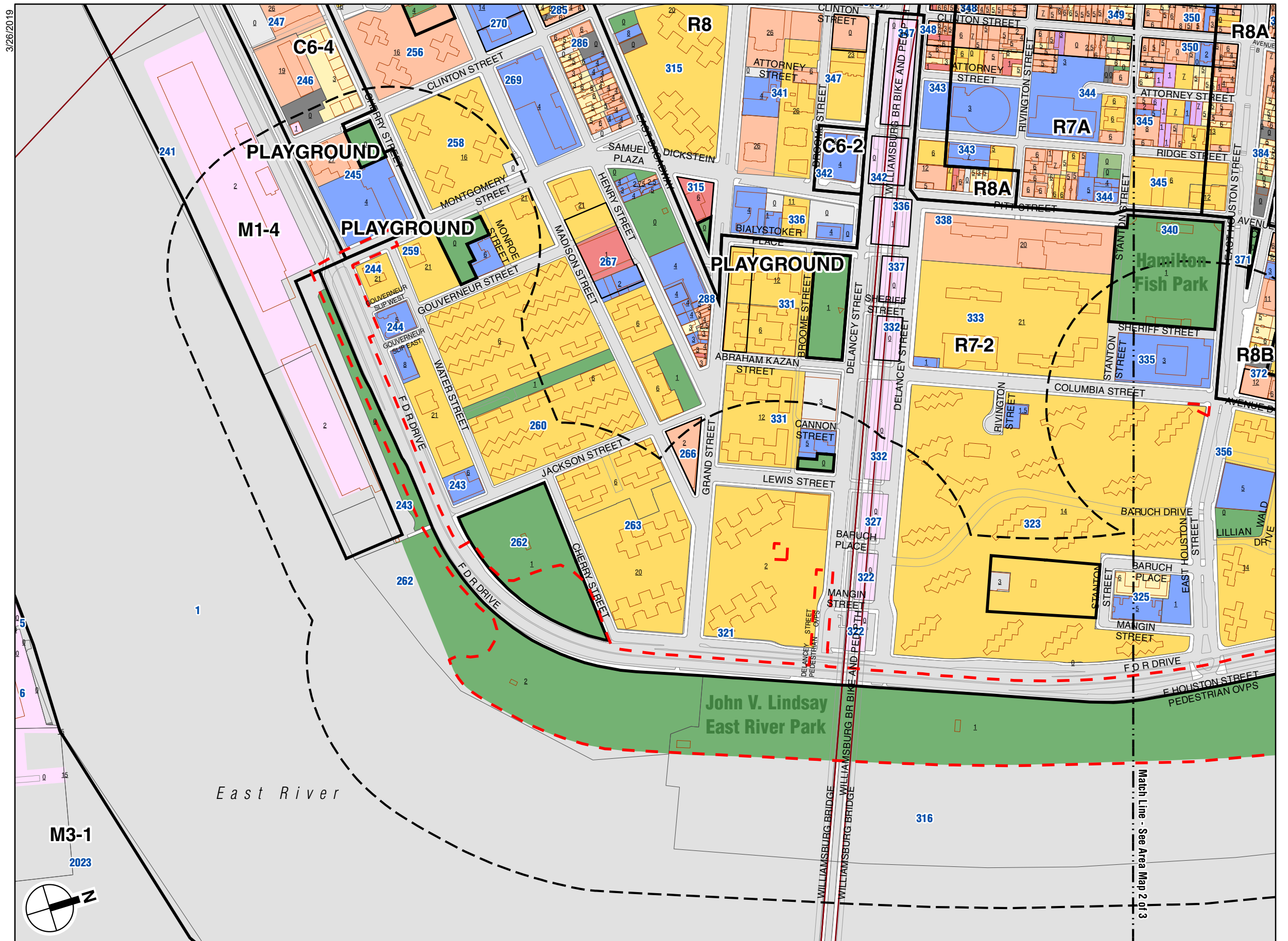



Figure 3b

0 200 FEET
 SCALE 

Area Map (2 of 3) East Side Coastal Resiliency

Borough: Manhattan
 Block 316; Lot 200
 Block 367; Lots 1, 100
 Block 988; Lot 1, 75
 Block 990; Lot 1, 70, 90





PROJECT INFORMATION

-  Project Area
-  600' Radius

ZONING

-  Zoning Districts

PROPERTY DATA

-  Block Number
-  Building Height/Number of Stories
-  Tax Lot
-  Building Footprint

TRANSPORTATION INFORMATION

-  Subway Lines

LAND USE

-  One & Two Family Buildings
-  Multi-Family Walk-Up Buildings
-  Multi-Family Elevator Buildings
-  Mixed Residential & Commercial Buildings
-  Commercial & Office Buildings
-  Transportation/Utility
-  Public Facilities & Institutions
-  Open Space & Outdoor Recreation
-  Parking Facilities
-  Vacant Land

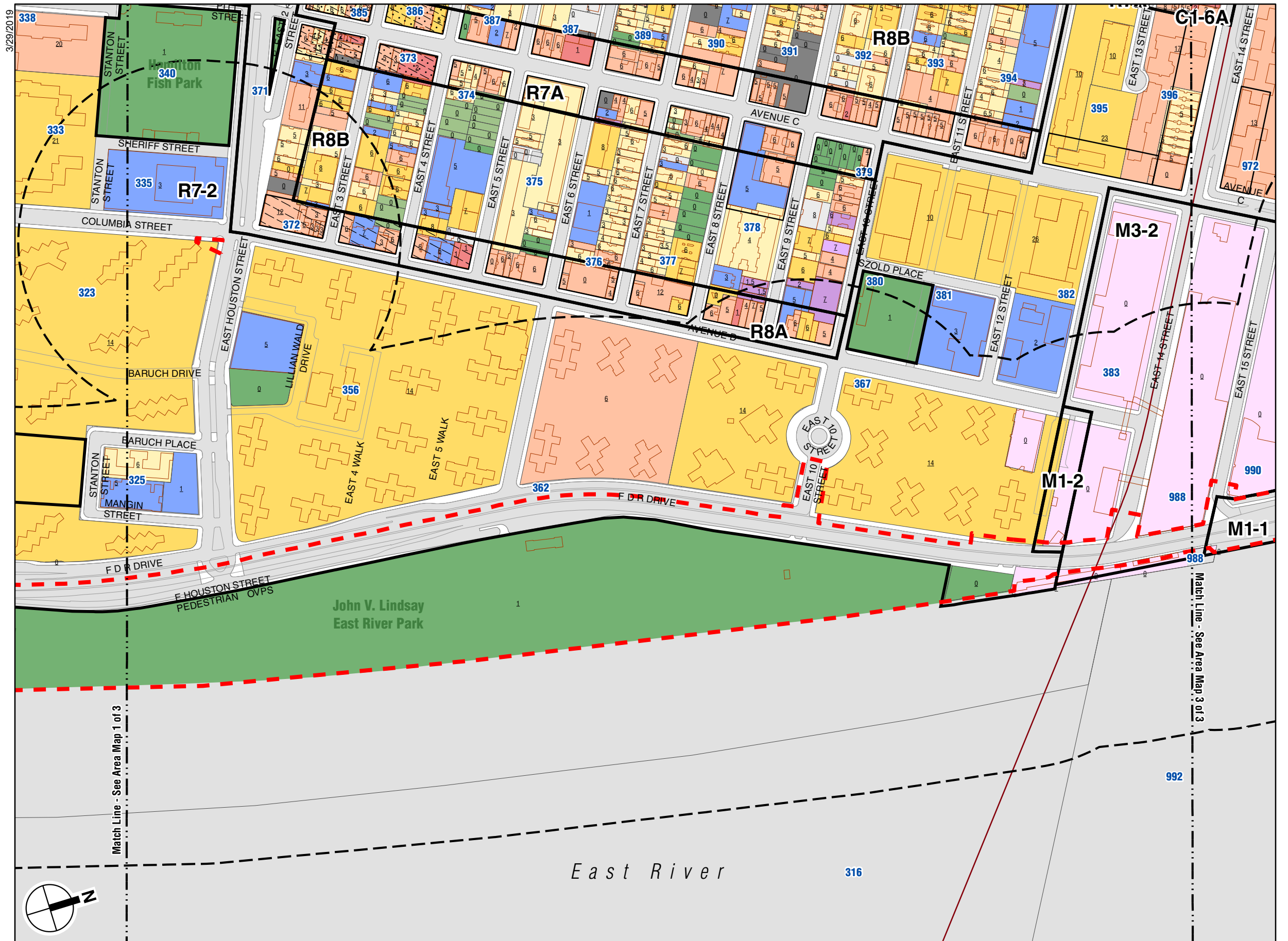
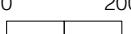


Figure 3c

0 200 FEET
 SCALE 

Area Map (3 of 3) East Side Coastal Resiliency

Borough: Manhattan
 Block 955; Lots 1, 5
 Block 981; Lots 2, 5
 Block 988; Lots 1, 75
 Block 990; Lots 1, 70, 90
 Block 991; Lots 29, 33, 35, 37, 50

PROJECT INFORMATION

- - - Project Area
- 600' Radius

ZONING

- R7-2 Zoning Districts

PROPERTY DATA

- 1385 Block Number
- 5 Building Height/Number of Stories
- Tax Lot
- Building Footprint

TRANSPORTATION INFORMATION

- M Subway Lines

LAND USE

- One & Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential & Commercial Buildings
- Commercial & Office Buildings
- Transportation/Utility
- Public Facilities & Institutions
- Open Space & Outdoor Recreation
- Parking Facilities
- Vacant Land

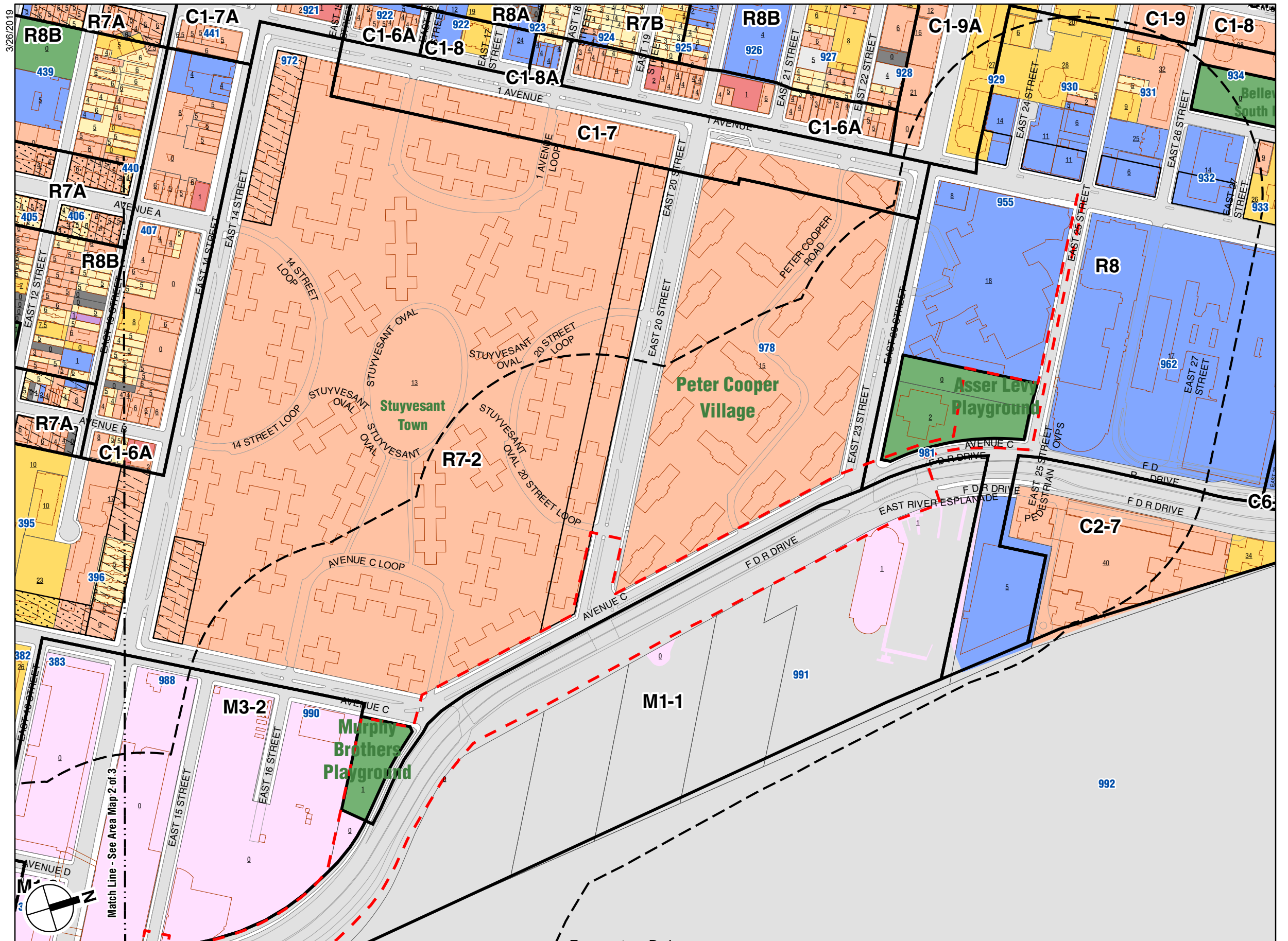
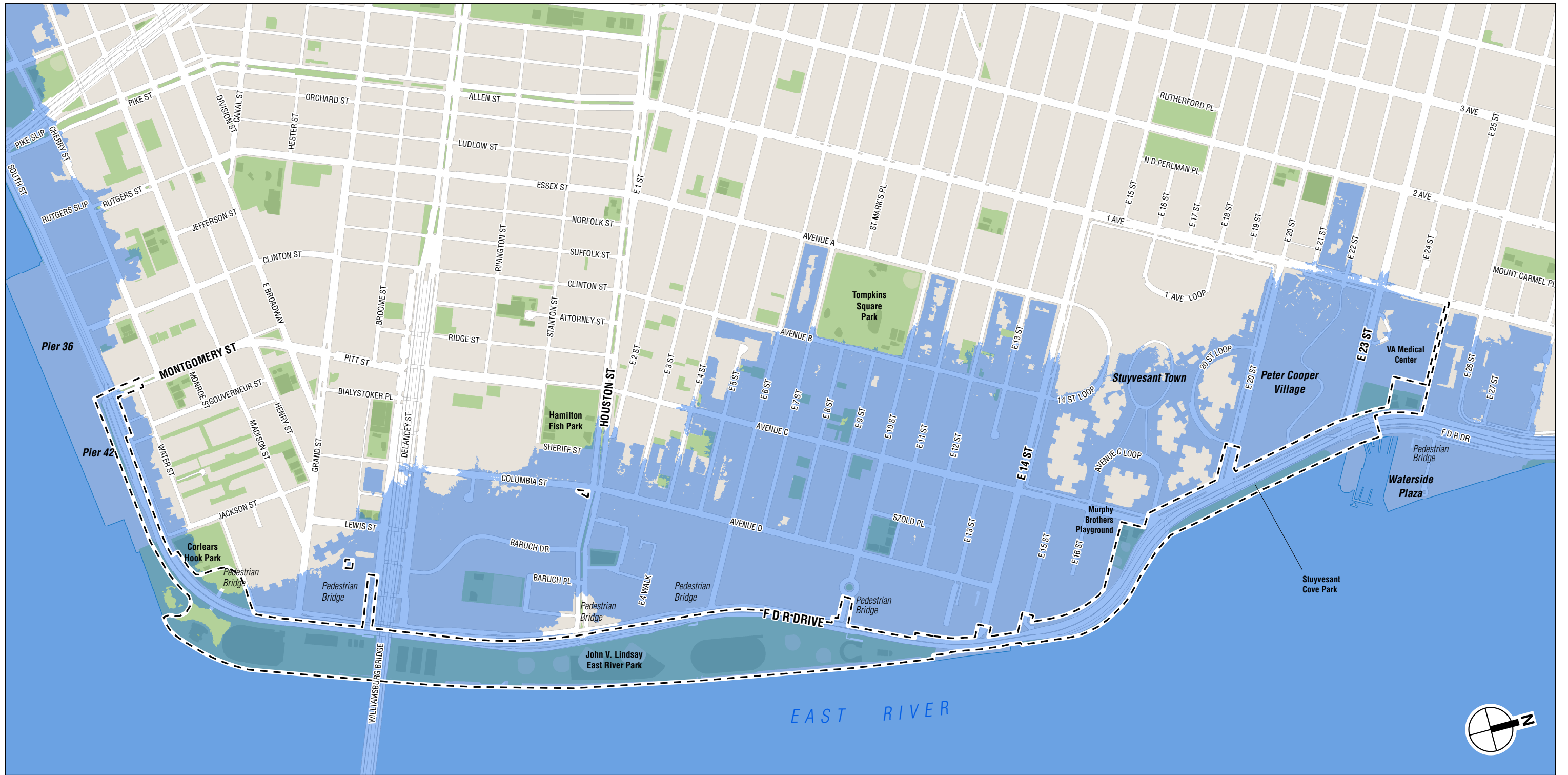


Figure 3d

0 200 FEET
 SCALE



Project Areas
 FEMA 100-year Floodplain (with 2050s sea level rise)

0 1,000 FEET





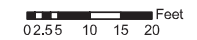
NYC Digital Tax Map

Effective Date : 12-04-2013 16:44:51
End Date : Current
Manhattan Block: 244



Legend

- Streets
- Miscellaneous Text
- ↕ Possession Hooks
- - - Boundary Lines
- ↕ Lot Face Possession Hooks
- Regular
- - - Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon



■ Approximate location of acquisition area

..... Lot containing acquisition area



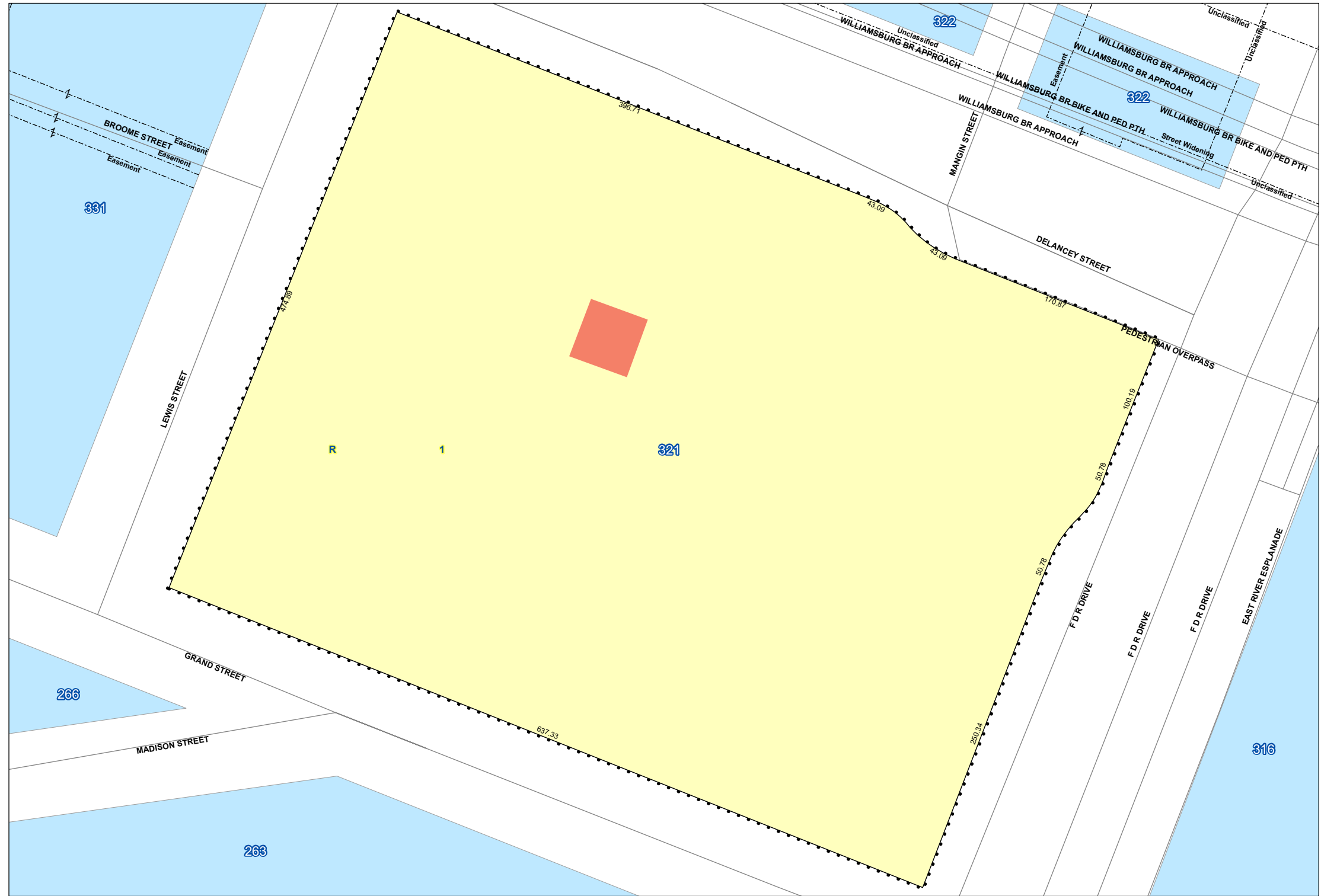
NYC Digital Tax Map

Effective Date : 09-17-2015 11:17:09
End Date : Current
Manhattan Block: 321



Legend

- Streets
- Miscellaneous Text
- ↓ Possession Hooks
- - - Boundary Lines
- ↑ Lot Face Possession Hooks
- Regular
- - - Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon



■ Approximate location of acquisition area

..... Lot containing acquisition area



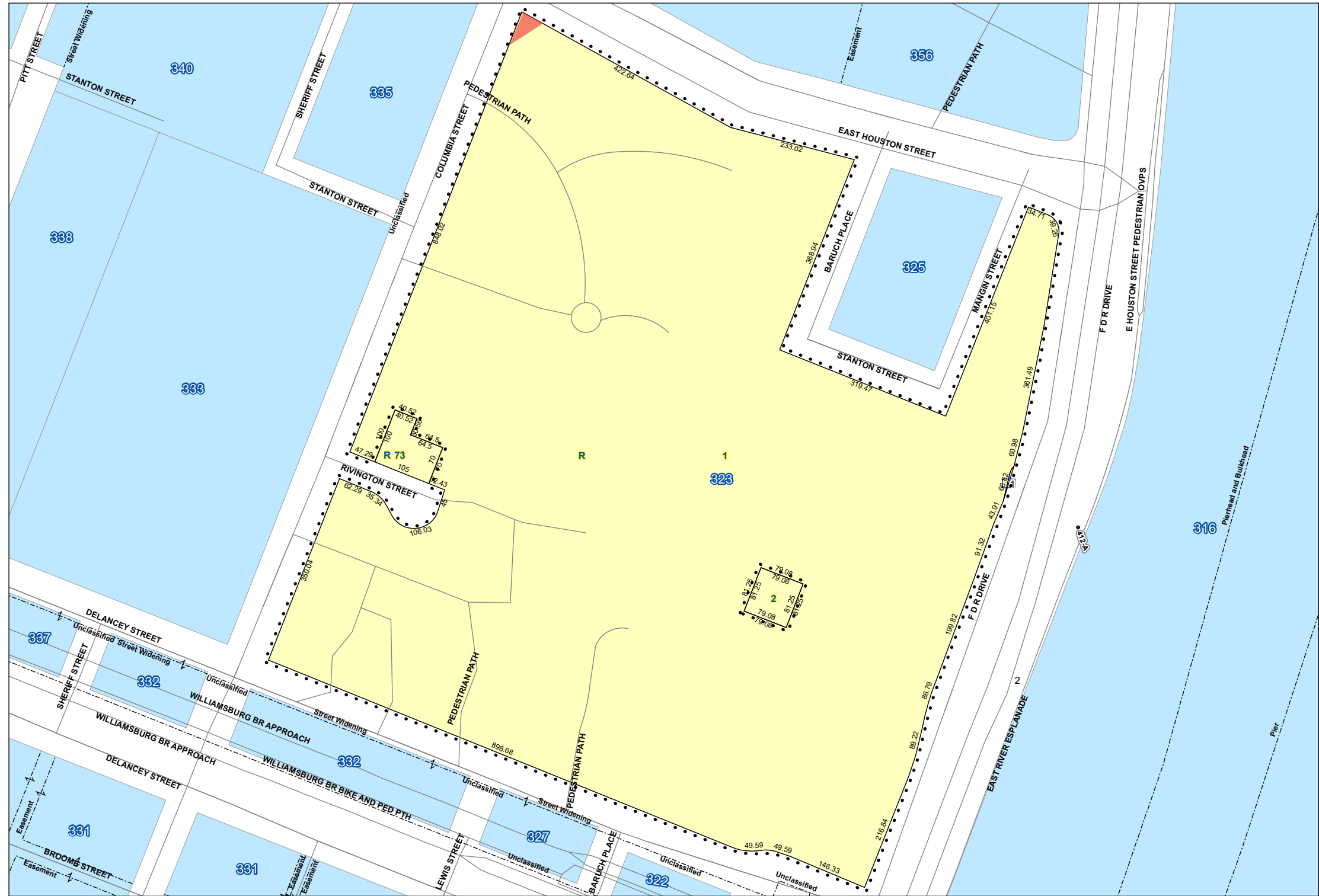
NYC Digital Tax Map

Effective Date : 02-12-2018 17:20:40
End Date : Current
Manhattan Block: 323



Legend

- Streets
- Miscellaneous Text
- ↓ Possession Hooks
- - - Boundary Lines
- ↓ Lot Face Possession Hooks
- Regular
- Underwater
- Yellow Tax Lot Polygon
- Blue Tax Block Polygon



0 15 30 60 90 120 Feet

Approximate location of acquisition area

Lot containing acquisition area



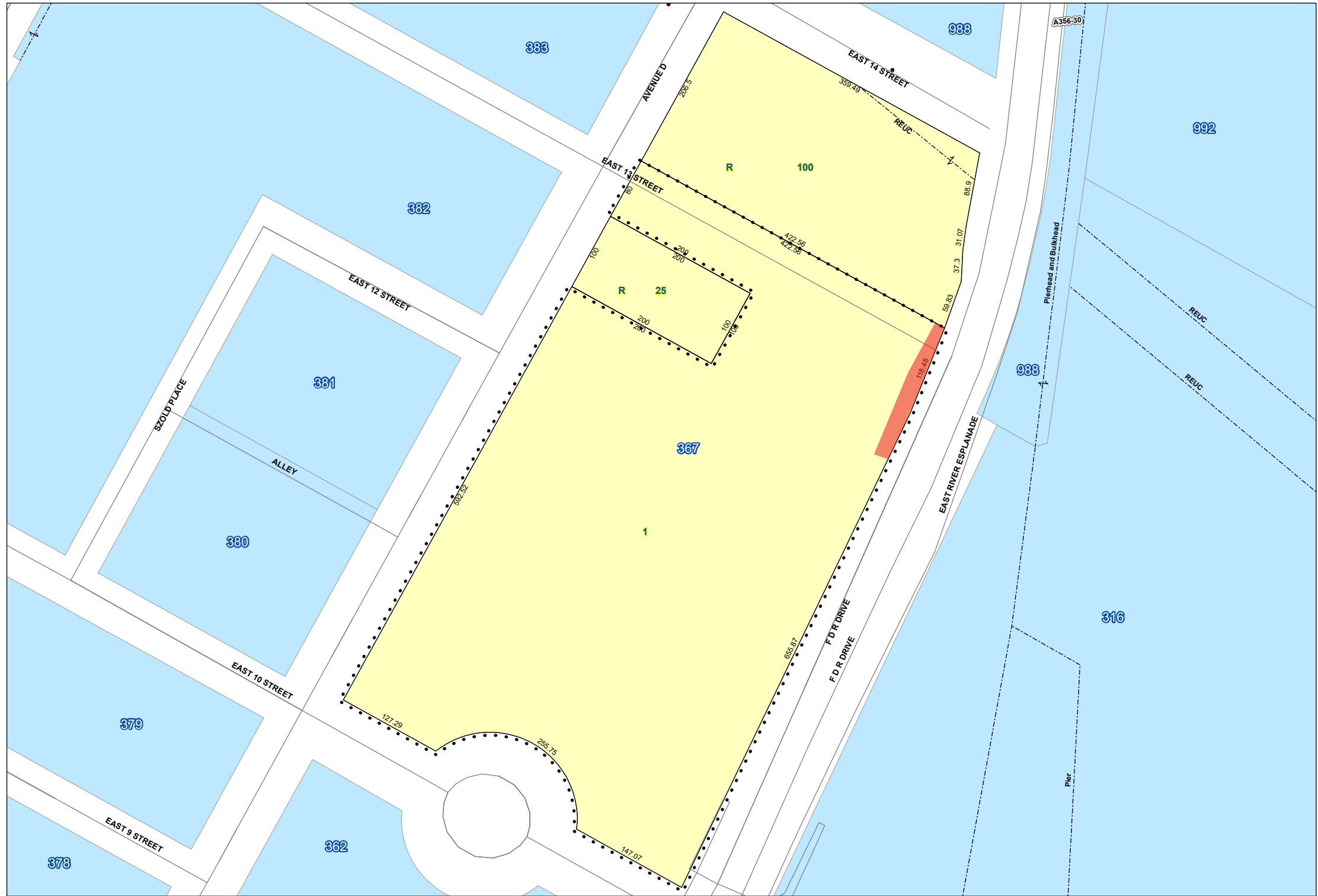
NYC Digital Tax Map

Effective Date : 02-02-2017 14:20:15
End Date : Current
Manhattan Block: 367



Legend

- Streets
- Miscellaneous Text
- ↓ Possession Hooks
- - - Boundary Lines
- ↓ Lot Face Possession Hooks
- Regular
- - - Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon



0 10 20 40 60 80 Feet

■ Approximate location of acquisition area

..... Lot containing acquisition area

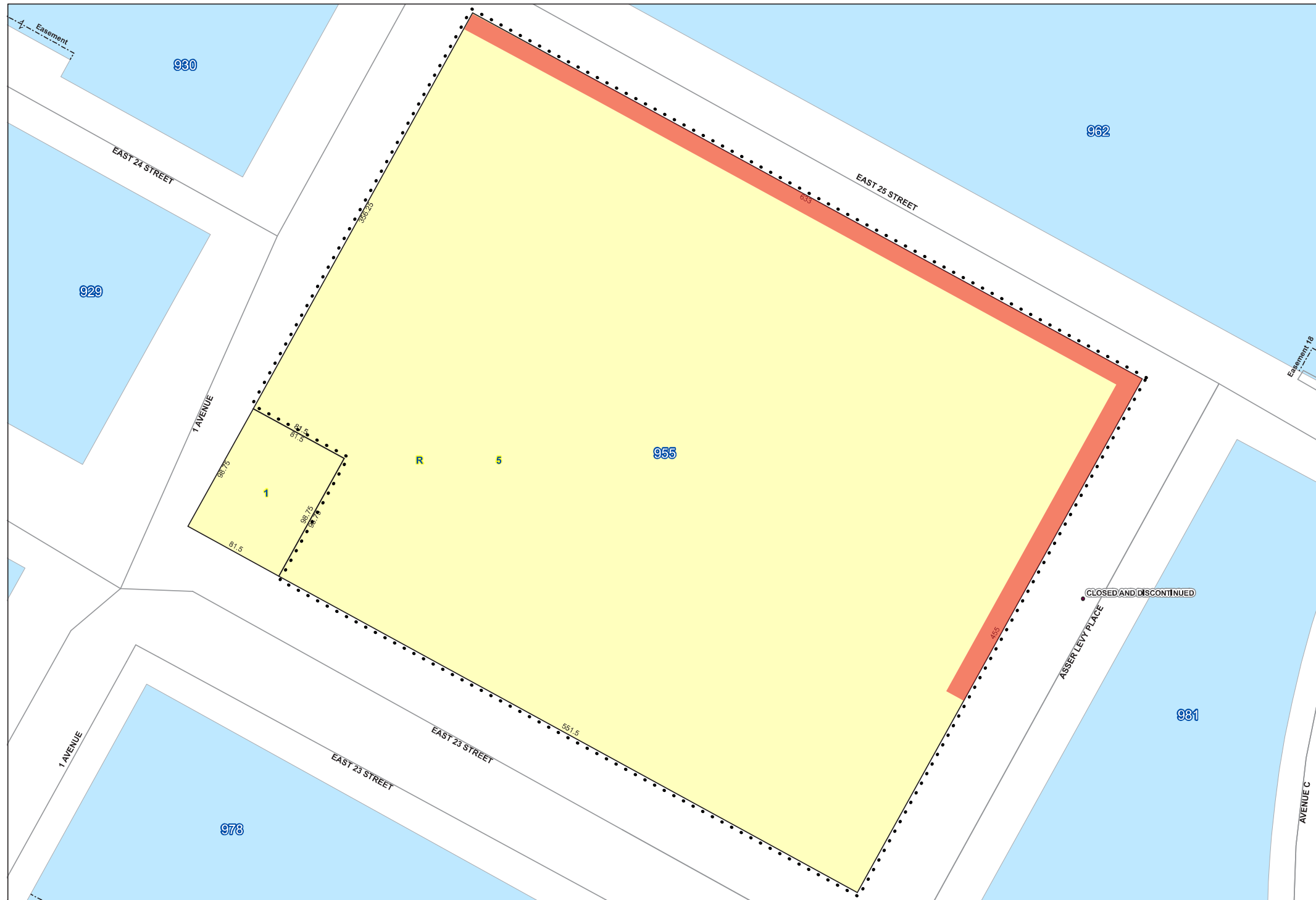


NYC Digital Tax Map

Effective Date : 02-04-2013 14:38:31

End Date : Current

Manhattan Block: 955



Legend

- Streets
- Miscellaneous Text
- ⚡ Possession Hooks
- - - Boundary Lines
- ⚡ Lot Face Possession Hooks
- Regular
- - - Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon

Approximate location of acquisition area

Lot containing acquisition area

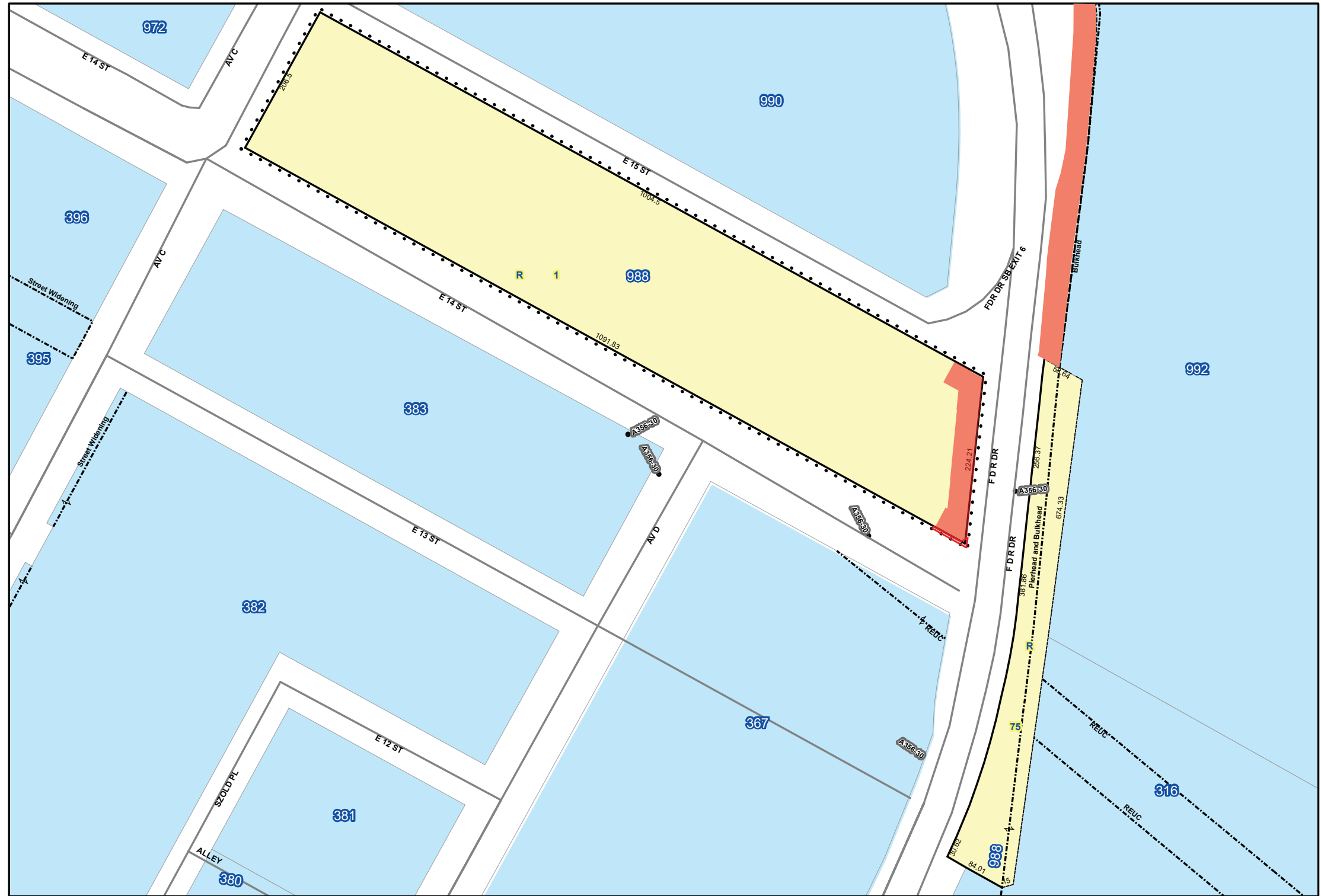


NYC Digital Tax Map

Effective Date : 12-09-2008 16:39:21
End Date : Current
Manhattan Block: 988

Legend

- Streets
- Miscellaneous Text
- ↓ Possession Hooks
- - - Boundary Lines
- ↓ Lot Face Possession Hooks
- Regular
- - - Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon



0 18 Feet

■ Approximate location of acquisition area

..... Lot containing acquisition area

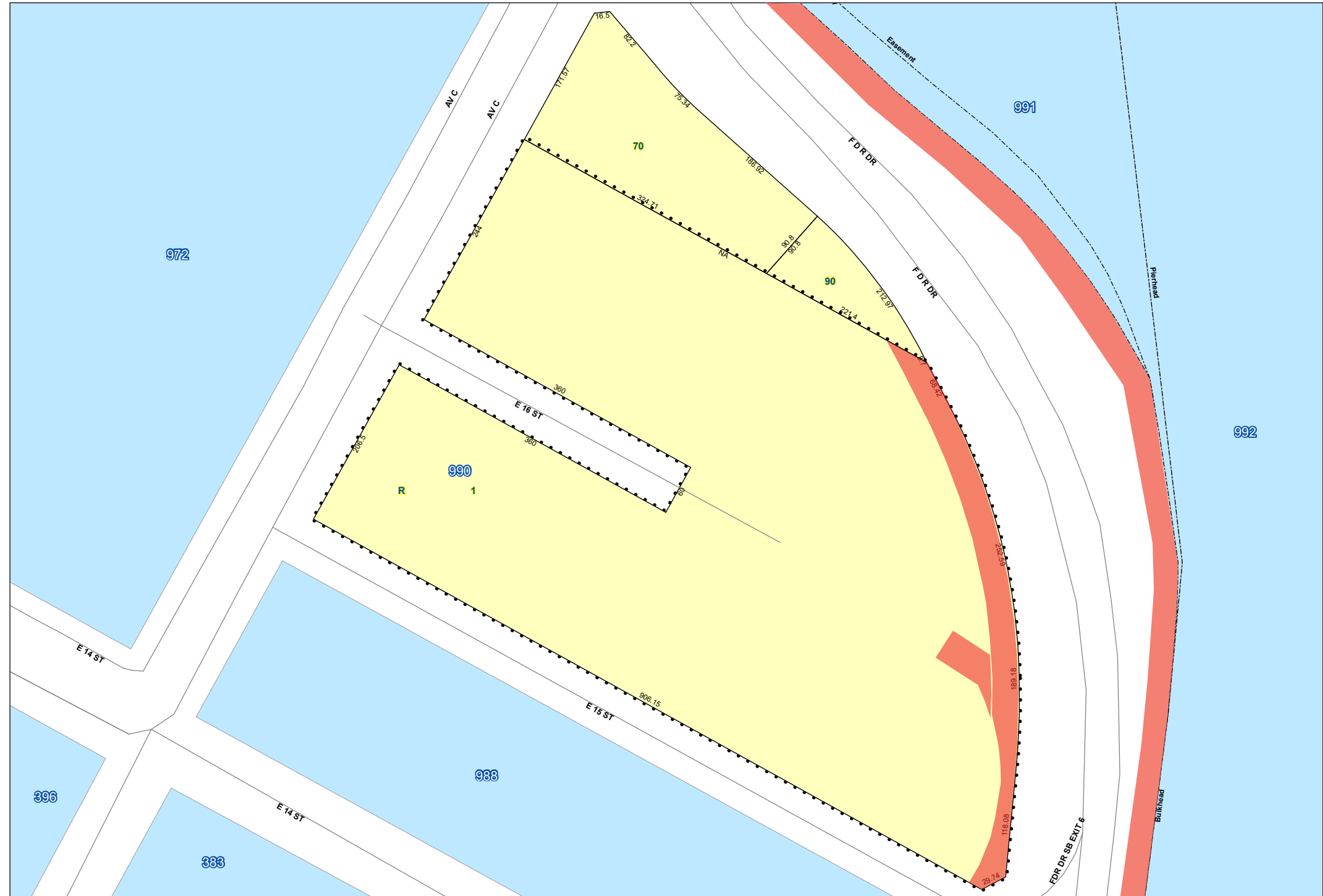


NYC Digital Tax Map

Effective Date : 12-09-2008 16:39:36
End Date : Current
Manhattan Block: 990

Legend

- Streets
- Miscellaneous Text
- ↓ Possession Hooks
- - - Boundary Lines
- ↓ Lot Face Possession Hooks
- Regular
- - - Underwater
- Yellow Tax Lot Polygon
- Blue Condo Number
- Light Blue Tax Block Polygon



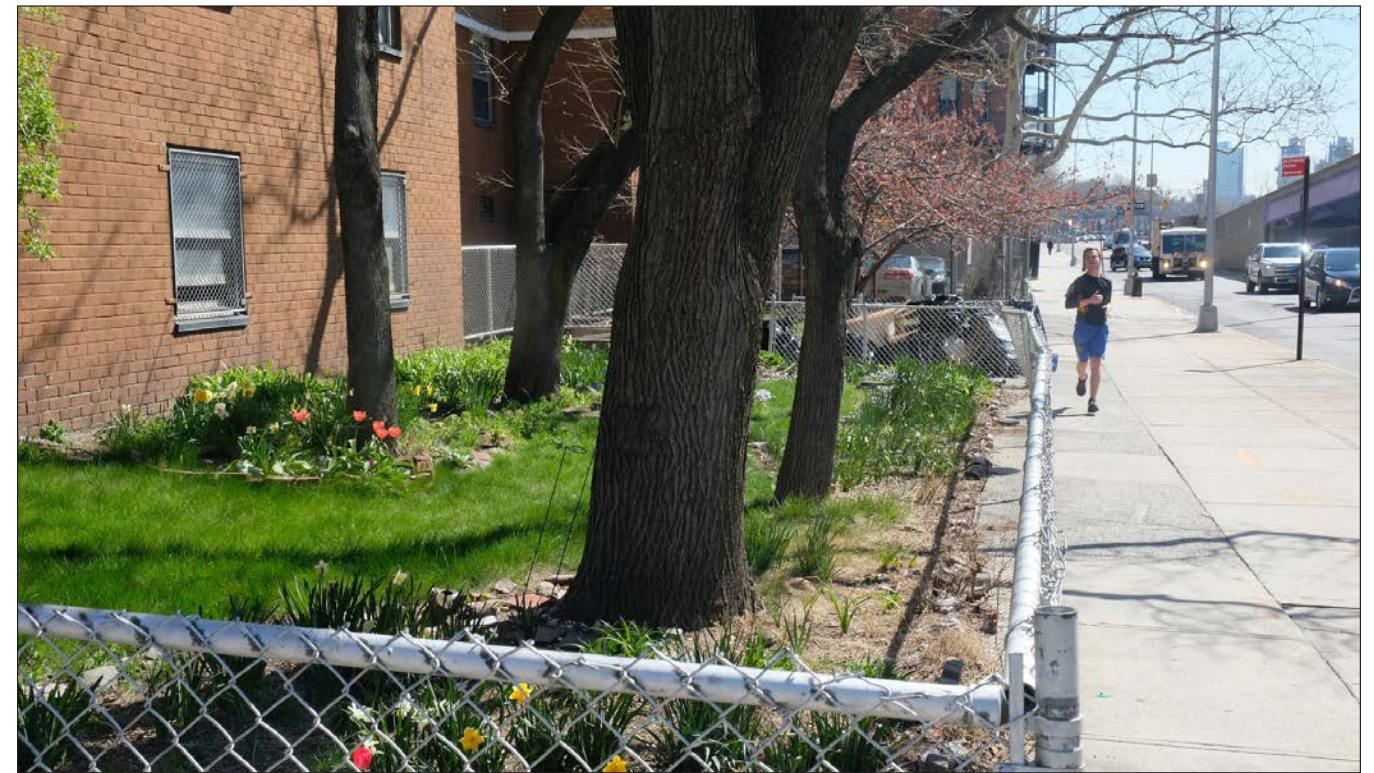
Feet
051284

Approximate location of acquisition area

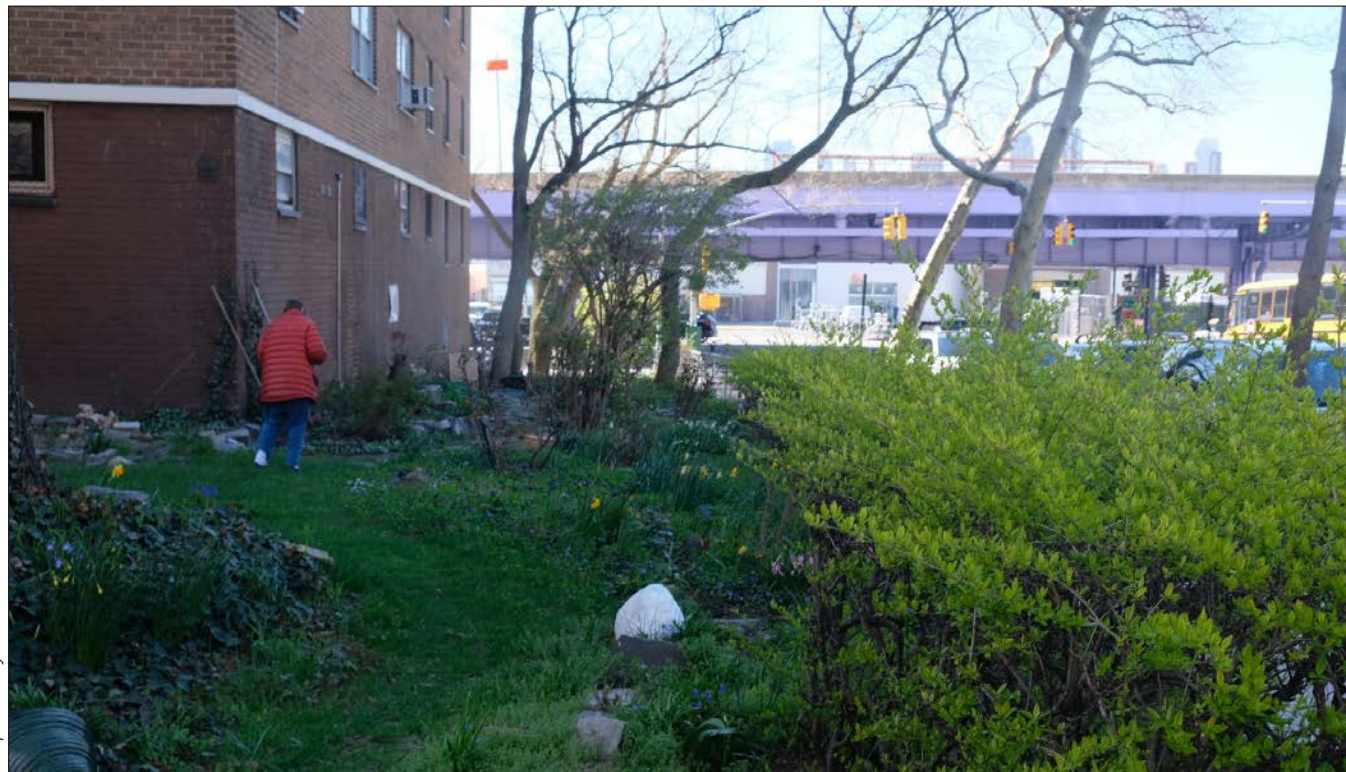
..... *Lot containing acquisition area*



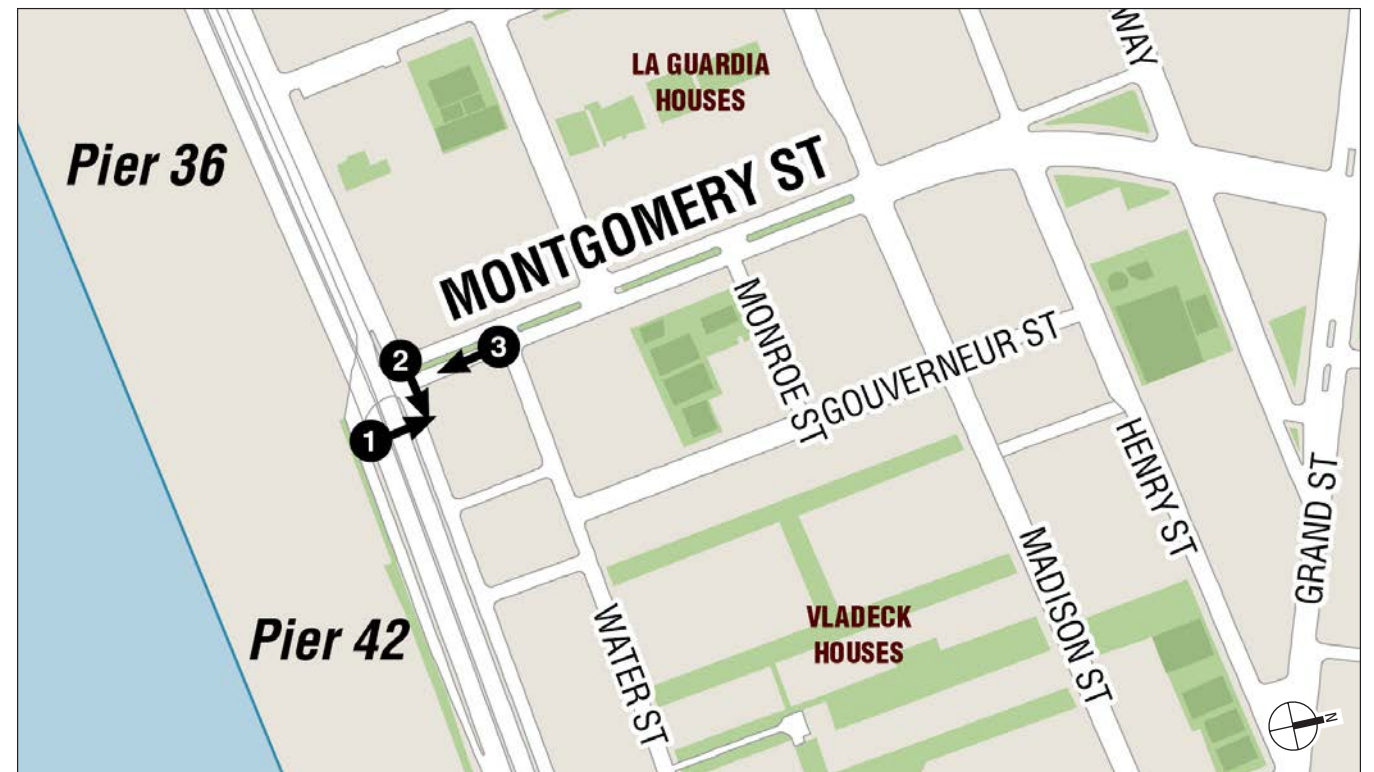
View north along Montgomery Street from South Street 1



View east along South Street from Montgomery Street 2



View south from Water Street 3



Photograph Key Map

Prepared by AKRF



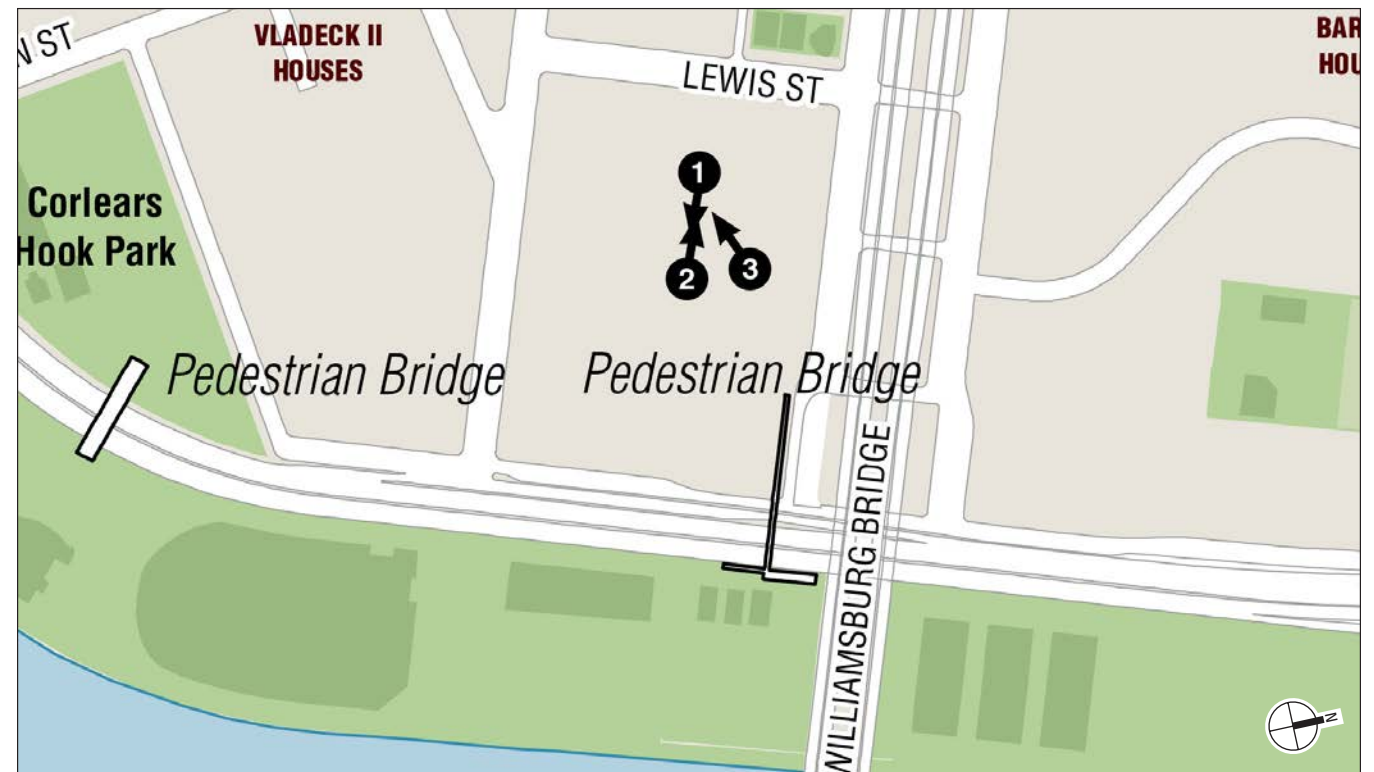
Interior block view from west 1



Interior block view from east 2



Interior block view from northeast 3



Photograph Key Map

Prepared by AKRF



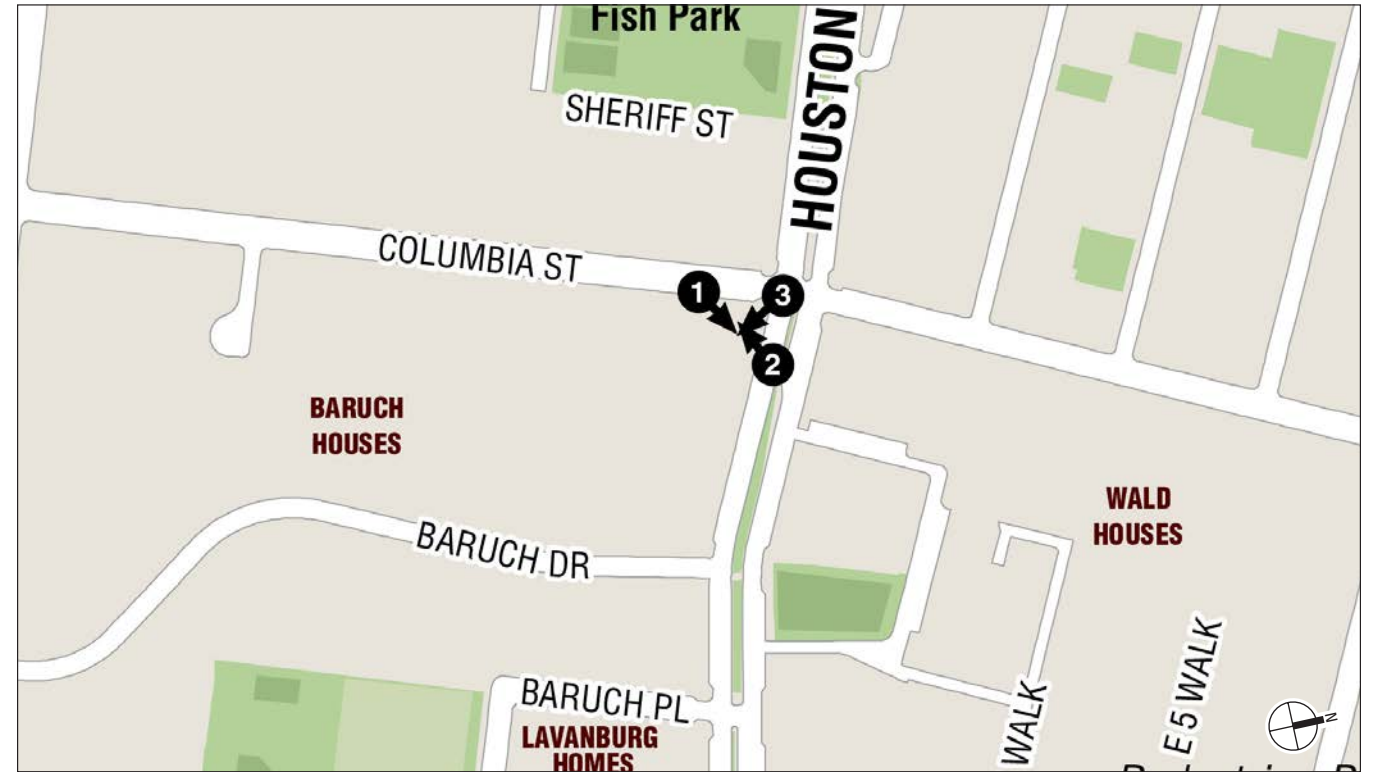
View of acquisition area from Columbia Street 1



View of acquisition area from East Houston Street 2



View of acquisition area from intersection 3



Photograph Key Map

Prepared by AKRF



View of acquisition area along FDR Drive from south 1



View along FDR Drive near center of acquisition area 2



View of acquisition area along FDR Drive from north 3



Photograph Key Map

Prepared by AKRF



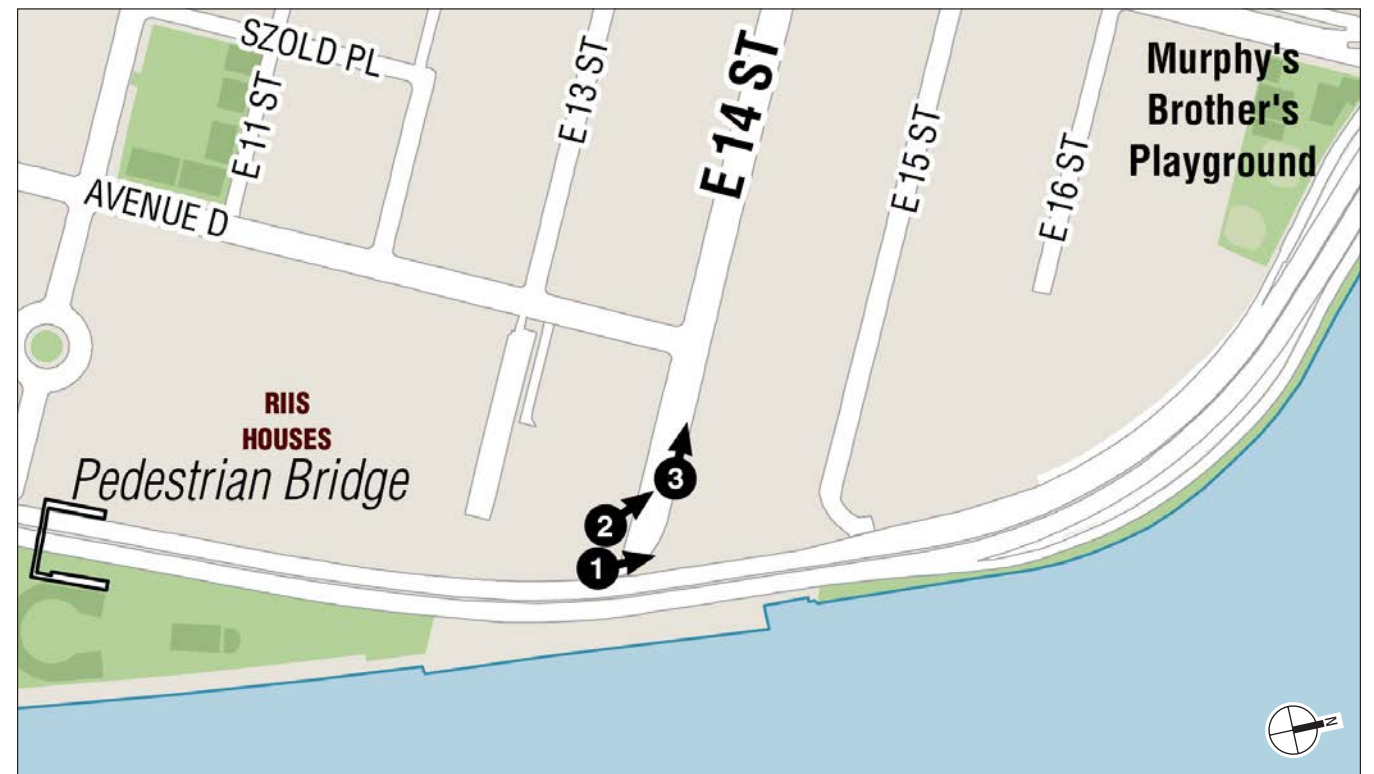
View from east end of East 14th Street 1



View northwest from east end of East 14th Street 2



View of acquisition area looking west along East 14th Street 3



Photograph Key Map

Prepared by AKRF



View north along Capt. Patrick J. Brown Walk 1



View north along Capt. Patrick J. Brown Walk 2



View south along Capt. Patrick J. Brown Walk 3



Photograph Key Map

Prepared by AKRF



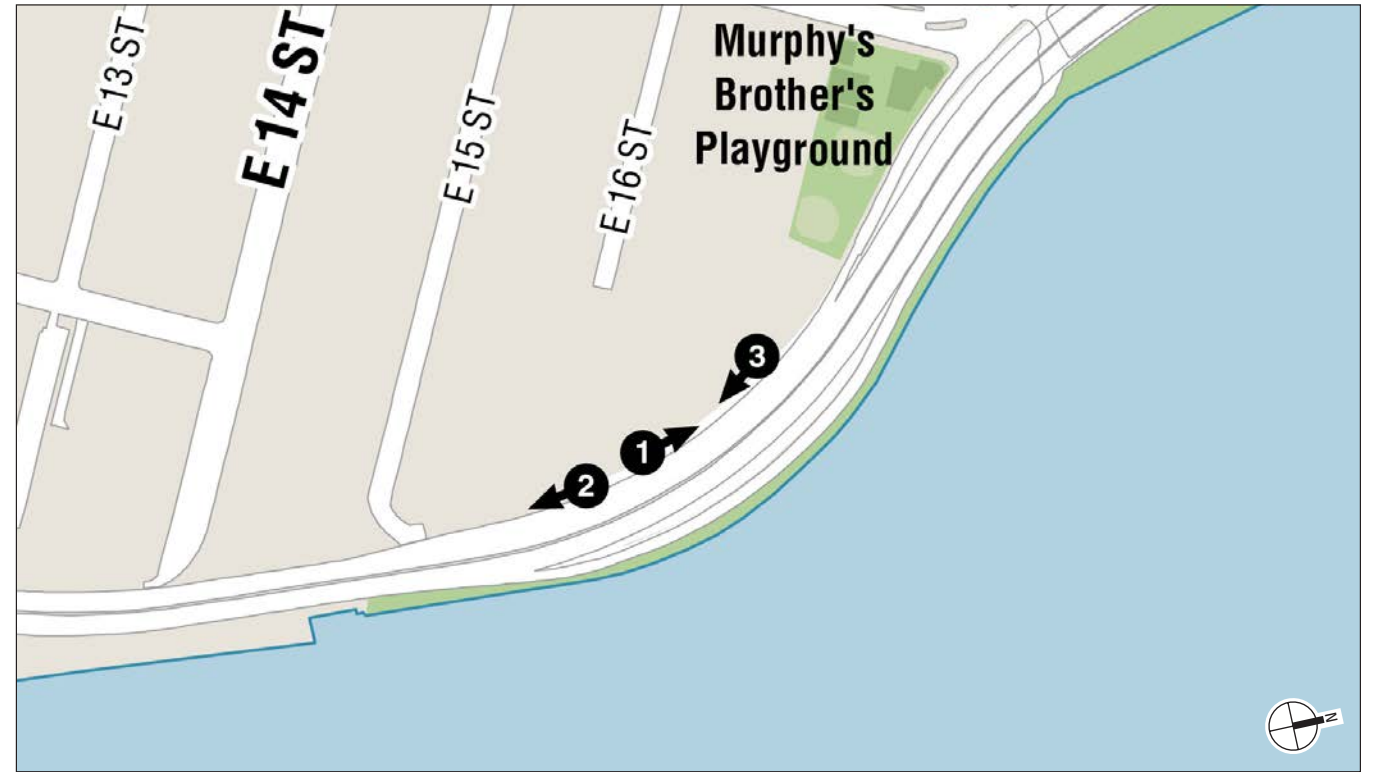
View north along FDR Drive 1



View south at Con Edison office building 2



View south along FDR Drive 3



Photograph Key Map

Prepared by AKRF



North view of Asser Levy Playground and VA Hospital wall from East 23rd Street 1



Southwest view of Asser Levy Playground and VA Hospital wall from East 25th Street 2



Northwest view of VA Hospital wall along East 25th Street 3



Photograph Key Map

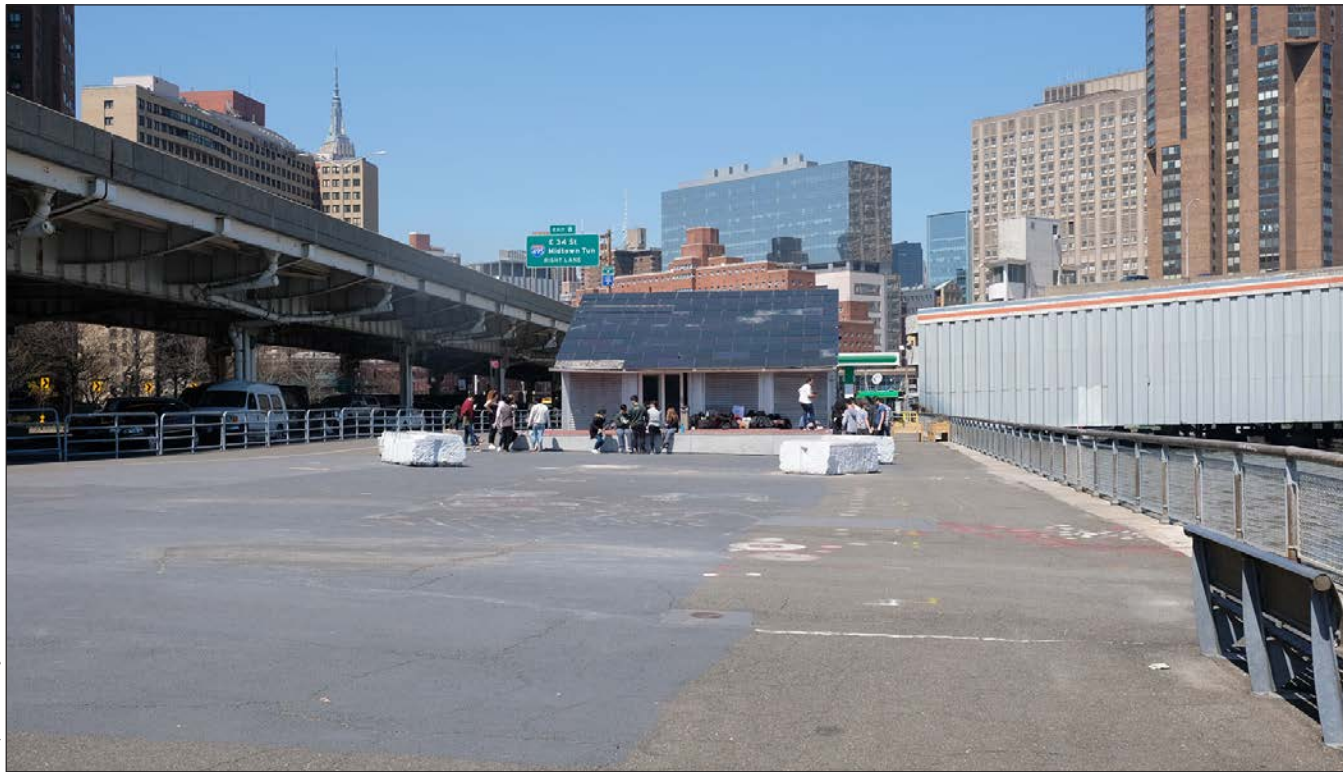
Prepared by AKRF



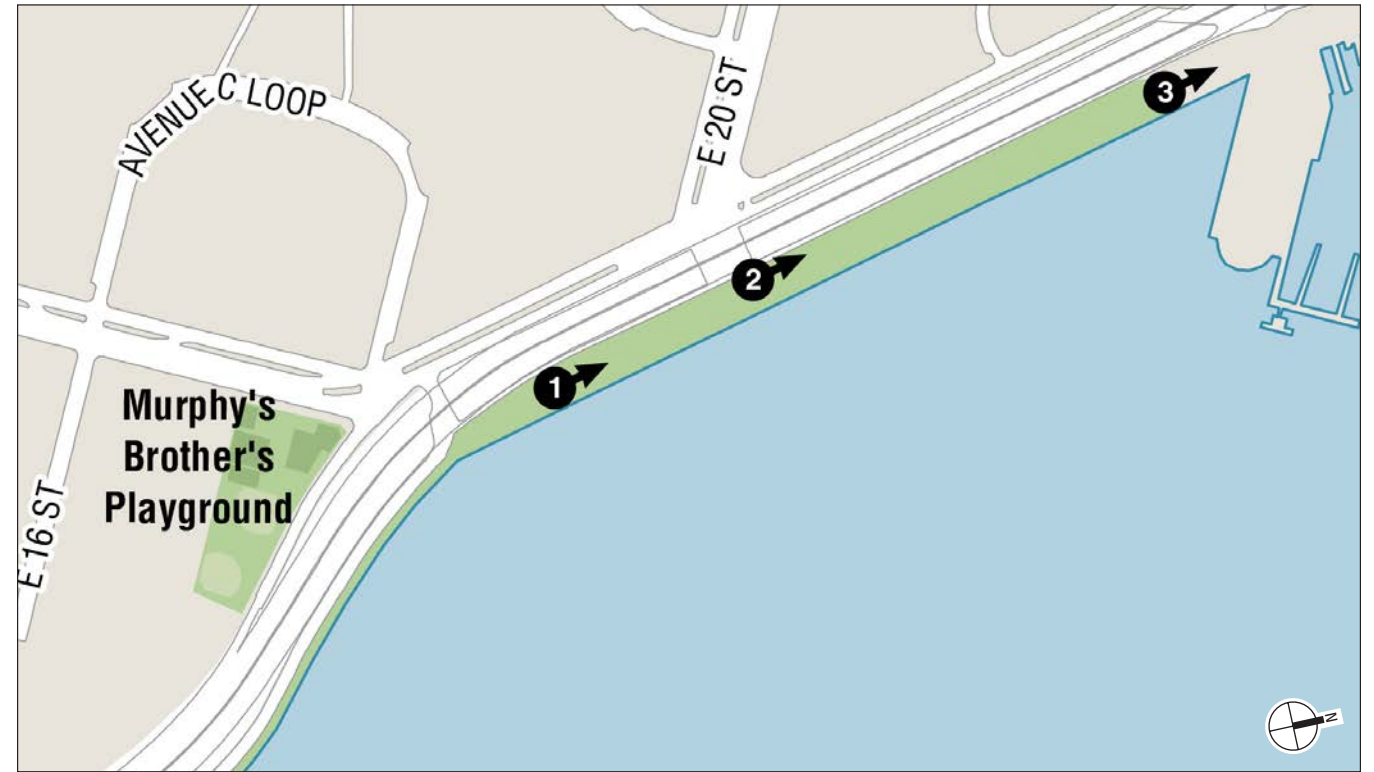
Stuyvesant Cove Park bikeway, view north 1



Stuyvesant Cove Park esplanade, view north 2



Northern end of Stuyvesant Cove Park, view north 3



Photograph Key Map

Prepared by AKRF



Source: Aerial from Pictometry, April 2016

- - - - - Approximate Location of Acquisition Area
- Lot Containing Acquisition Area



- - - - - Approximate Location of Acquisition Area
- Lot Containing Acquisition Area



Source: Aerial from Pictometry, April 2016

- Approximate Location of Acquisition Area
- Lot Containing Acquisition Area



Source: Aerial from Pictometry, April 2015

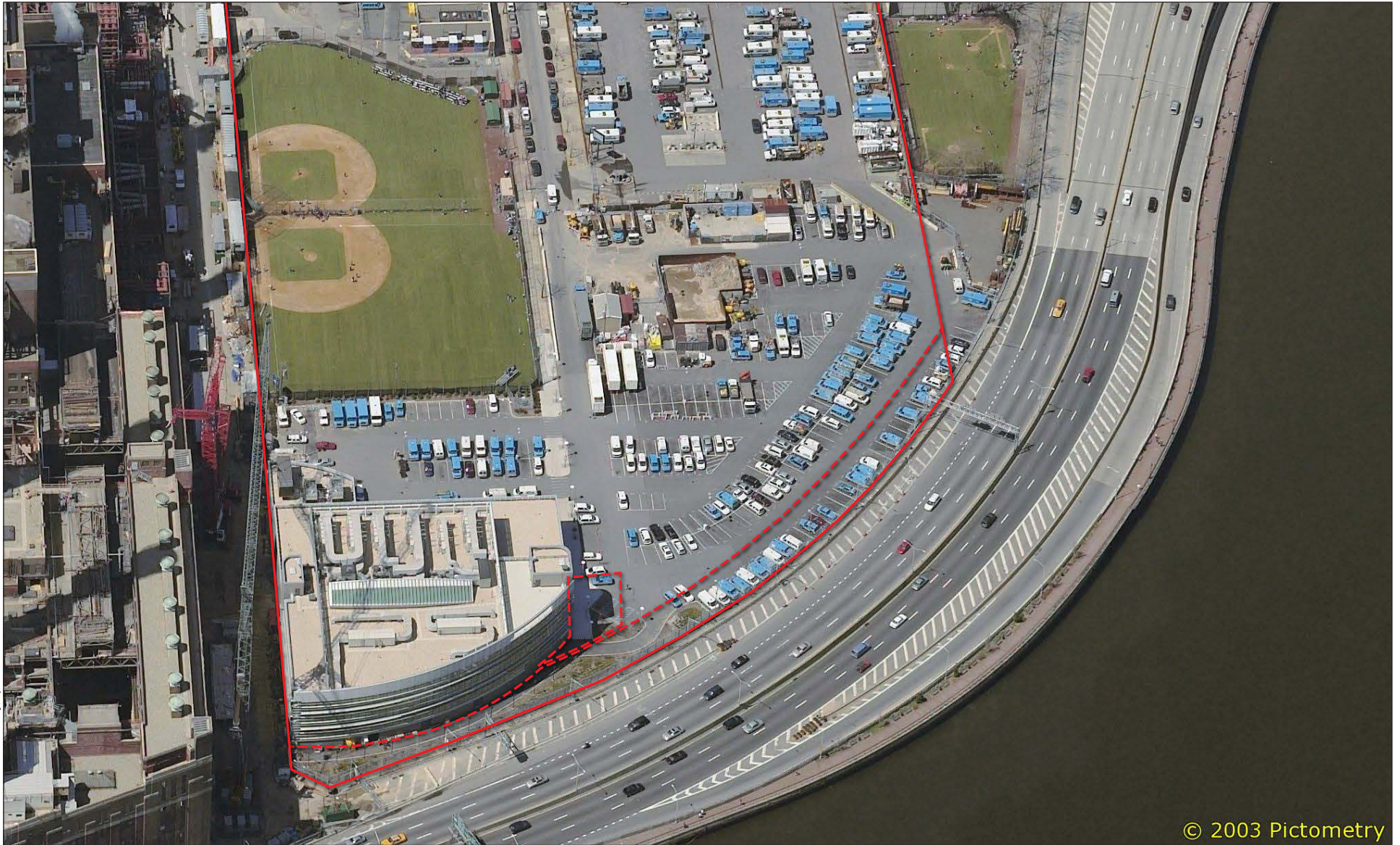
- Approximate Location of Acquisition Area
- Lot Containing Acquisition Area

Aerial View: Riis Houses
Block 367, Lot 1
Figure 8d



Source: Aerial from Pictometry, August 2016

- Approximate Location of Acquisition Area
- Lot Containing Acquisition Area



© 2003 Pictometry

----- Approximate Location of Acquisition Area
----- Lot Containing Acquisition Area



Source: Aerial from Pictometry, April 2016

- - - - - Approximate Location of Acquisition Area
- Lot Containing Acquisition Area



Source: Google Earth

--- Approximate Location of Acquisition Area

Aerial View: FDR Drive Corridor/Capt. Patrick J. Brown Walk
No Block/Lot
Figure 8h