

ENVIRONMENTAL REVIEW RECORD

Documentation of an Environmental Assessment for Projects/Activities Found at 24 C.F.R. Part 58.35(a), Which Categorically Excluded from Environmental Review But Are Subject to the Federal Laws and Authorities Found at 24 C.F.R. Part 58.5.

Project/Activity Information, Executive Summary, Determinations, and Certification:

Project Name: NYC Daylighting

Project Location: Multiple locations in Queens, NY and Staten Island, NY
See Table 1 for full list of locations

Project Funding Program: RISE: NYC, Resiliency Innovations for a Stronger Economy

Project Loan or Grant Number: B-13-MS-36-0001

Project Total Development Cost (provide best estimate): \$1,571,877

Project HUD assistance: \$1,571,877

Grant Recipient: New York City Office of Management and Budget

Grant Recipient's Address: 255 Greenwich St, 8th floor, New York, NY 10007

Project Representative: Calvin Johnson, Assistant Director, CDBG-DR

Project Representative's Telephone Number: 212-788-6024

Responsible Entity (RE): New York City Office of Management and Budget (OMB)

Certifying Official: Dean Fuleihan or Official Designate

Statement of Purpose and Need for the Proposed Action:

[\[40 C.F.R. Part 1508.9\(b\)\]](#)

Businesses and residences alike throughout coastal neighborhoods of New York City sustained substantial damage from Hurricane Sandy. Flood damage, widespread power outages, and fuel shortages slowed recovery efforts for affected businesses significantly. Despite this, residents in affected areas were more reliant than ever on local businesses, as transportation in and out of these areas for supplies and support services was severely limited. Electrical resources of local small businesses were strained, as generator power was limited and lighting facilities sapped power from other critical uses.

The proposed project would address these identified needs by providing a resilient and renewable source of lighting in the stores and offices of local small businesses. Provision of such a lighting source would enable businesses to operate during the day, providing local goods and services to residents, all while conserving generator power for critical uses. Additionally, the proposed Solatube Daylighting Systems would reduce energy consumption of local businesses, improving both their economic and environmental performance.

Description of the Proposed Action:

[24 C.F.R. Part 58.32, 40 C.F.R. Part 1508.25]

This project proposes to install Solatube Daylighting Systems at small businesses in coastal areas of Brooklyn, Queens, and Staten Island, New York. Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, small businesses can conserve generator power for critical non-lighting uses.

As part of the proposed project, Solatube Daylighting Systems would be installed at up to up to fifty-one (51) small business sites located in coastal neighborhoods of Brooklyn, Queens, and Staten Island. Solatube systems would be installed at each small business site owned by the listed recipient business. The proposed locations for Solatube installation are as listed in Table 1 and as shown in Figure 1 and Figures 2a-2y.

Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. Depending on models selected, the exterior, roof-mounted portion of the system would range in diameter from 10 inches to 21 inches and extend between 3 inches and 11 inches above the surface of the roof. Interior transmission systems consist of metallic tubing, threaded through attic or headspace, connecting the roof to the lighting fixture. Diffusers resemble typical ceiling-mounted light fixtures.

No building or structural modifications are required to install Solatube Daylighting Systems at any of the proposed project sites. Prior to installation at a facility, an initial assessment is conducted at each project site to determine installation zones. The roof is then cut and flashings are set. Next, top tubes and domes are assembled and installed, followed by extension tubes and bottom tubes. Natural effect lenses and diffusers are placed on the exterior and interior ends of the unit. Wire suspension kits are installed to provide structural support. Finally, the tubes are sealed with HVAC tape and the roof is sealed. The installation process from beginning to end typically lasts less than one day and requires only small hand tools. Solatube systems provide passive transmission of light and require no power supply or other supporting infrastructure.

Existing Conditions and Trends:

[24 C.F.R. Part 58.40(a)]

The proposed project locations are located in coastal neighborhoods of Brooklyn, Queens, and Staten Island, New York. The facilities located on the Rockaway Peninsula area of Queens are connected to the Long Island Power Authority (LIPA) electric service grid. The facilities in Brooklyn, Staten Island, and areas of Queens other than the Rockaway Peninsula are connected to the Consolidated Edison (Con Edison) electric service grid. The Rockaway Peninsula is bordered on the north by Jamaica Bay, on the west by Lower New York Bay, and on the south by the Atlantic Ocean. Staten Island is bordered on the west by Arthur Kill, on the north by Upper New York Bay, and on the south and east by Lower New York Bay. Brooklyn and areas of Queens other than the Rockaway Peninsula are bordered on the north by Upper New York Bay and the East River, on the west by Lower New York Bay, on the south by Jamaica Bay, and on the east by Long Island.

Based on the 2007 Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), twenty-nine (29) of the fifty-one (51) small business sites proposed for installation of Solatube systems are located at least partially within the 100-year Special Flood Hazard Area (SFHA), and five (5) of the fifty-one (51) business sites are located outside the 100-year SFHA but within the 500-year SFHA. The remaining seventeen (17) small business sites are located outside both the 100-year and 500-year SFHA as mapped on the 2007 FIRM. However, FEMA has proposed revisions to the extent and location of the Special Flood Hazard Area, as presented in the 2015 preliminary Flood Insurance Rate Map (pFIRM) for New York City. As mapped in the 2015 pFIRM, forty-nine (49) of the fifty-one (51) small business sites are located within the 100-year SFHA, with the remaining two (2) business sites located outside of both the 100- and 500-year SFHA. Though the New York City Mayor's Office of Recovery and

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Resiliency (ORR) has submitted an appeal of the 2015 pFIRM, the more conservative extent of the Special Flood Hazard Area represented in the 2015 pFIRM has been used for this analysis. The proposed project sites and their location relative to the 2007 FIRM and 2015 pFIRM are provided in Table 1. Maps of the project sites and the 2015 pFIRM are provided as Figures 3a-3y.

Classification of Project/Activity:

- 24 CFR Part 58.35(a)(1): Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets)
- 24 CFR Part 58.35(a)(2): Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons
- 24 CFR Part 58.35(a)(3): Rehabilitation of buildings and improvements when the following conditions are met:
 - 1 to 4 unit building for residential use, when density is not increased beyond 4 units; land use is not changed; and the footprint of the building is not increased in a floodplain or in a wetland area
 - Multifamily residential buildings, when:
 - Unit density is not changed more than 20 percent;
 - The project does not involve changes in land use from residential to non-residential; and
 - The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation
 - Non-residential structures, including commercial, industrial, and public buildings, when:
 - Facilities and improvement are in place and will not be changed in size or capacity by more than 20 percent; and
 - The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another
- 24 CFR Part 58.35(a)(4):
 - An individual action (non-rehabilitation) on up to 4 dwelling units where there are maximum 4 units on any one site. The units can be 4 one-unit buildings or 1 four-unit building or any combination in between
 - An individual action (non-rehabilitation) on a project of 5 or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than 4 housing units on any one site
- 24 CFR Part 58.35(a)(5):
 - Acquisition (including leasing) or disposition of, or equity loans on, an existing structure
 - Acquisition (including leasing) of vacant land provided the structure or land acquired, financed, or disposed of will be retained for the same use
- 24 CFR Part 58.35(a)(6): Combinations of the above activities

Finding:

[24 CFR Part 58.40(g)]

Project is Categorically Excluded per 24 CFR Part 58.35(a)(3) and cannot convert to Exempt status because one or more statues or authorities listed at 24 CFR Part 58.5 require compliance.

Statutory Checklist (ref.: 24 C.F.R. Part 58.5 – Related Federal laws and authorities)

DIRECTIONS: Write “A” in the Status Column when the project, by its nature, does not affect the resources under consideration, OR write “B” if the project triggers formal compliance consultation procedures with the oversight agency, or requires mitigation (see the attached “Statutory Checklist Instructions”). Compliance documentation must contain verifiable source documents and relevant base data. Attach reviews, consultations, and special studies as needed.

<u>Compliance Factors</u> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	<u>Status</u> (A or B)	<u>Compliance Finding and Documentation</u>
<p>Historic Preservation</p> <ul style="list-style-type: none"> ▪ 36 CFR Part 800 regulations ▪ National Historic Preservation Act of 1966 ▪ Executive Order 11593, Protection and Enhancement of the Cultural Environment 	<p>A</p>	<p>No in-ground construction would occur with the project. Further, none of the affected buildings are listed on or have been determined eligible for listing on the State/National Registers (S/NR) of Historic Places, nor do any of the properties appear to meet S/NR eligibility criteria. Therefore, no effects to historic, tribal, or cultural resources are anticipated as a result of the proposed project. Consultation letters detailing this determination of no effect were sent to the New York State Historic Preservation Office (SHPO) and the New York City Landmarks Preservation Commission (LPC) and can be found in Appendix B.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.nationalregisterofhistoricplaces.com/ny/state.html</p> <p>http://parks.ny.gov/shpo/online-tools/</p>
<p>Floodplain Management</p> <ul style="list-style-type: none"> ▪ Executive Order 11988 ▪ 24 CFR Part 55 regulations 	<p>B</p>	<p>Based on the 2007 Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), eighteen (18) of the twenty-five (25) small businesses proposed for installation of Solatube systems are located at least partially within the 100-year Special Flood Hazard Area (SFHA), and two (2) of the twenty-five (25) businesses are located outside the 100-year SFHA but within the 500-year SFHA. The remaining five (5) small businesses are located outside both the 100-year and 500-year SFHA as mapped on the 2007 FIRM. However, FEMA has proposed revisions to the extent and location of the Special Flood Hazard Area, as presented in the 2015 preliminary Flood Insurance Rate Map (pFIRM) for New York City. As mapped in the 2015 pFIRM, twenty-three (23) of the twenty-five (25) small businesses are located within the 100-year SFHA, with the remaining two (2) businesses located outside of both the 100- and 500-year SFHA. Though the New York City Mayor’s Office of Recovery and Resiliency has submitted an appeal of the 2015 pFIRM, the more conservative extent of the Special Flood Hazard Area represented in the 2015 pFIRM has been used for this analysis. The proposed project sites and their location relative to the 2007 FIRM and 2015 pFIRM are provided in Table 1. Maps of the project sites and the 2015 pFIRM are provided as Figures 3a-3y.</p> <p>A Floodplain Management Plan has been prepared and is</p>

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		<p>attached in Appendix A. The proposed project is not anticipated to have any adverse impacts on the floodplain.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://apps.femadata.com/preliminaryviewer/?&appid=687703427dd347018b8fa2bb0adee979</p>
<p>Wetlands Protection</p> <ul style="list-style-type: none"> ▪ Executive Order 11990 	A	<p>The proposed project sites are not located in freshwater or marine wetlands as determined by the NYSDEC State-Regulated Freshwater Wetlands map or the USFWS National Wetlands Inventory (see Figures 4a-4y). Though the property block and lot boundary for the Jamaica Bay Riding Academy site includes areas classified as wetland (Figure 4n), the existing structure to be modified as part of this project is not located in or adjacent to the wetland portion of the block and lot. No ground disturbance or disturbance of vegetation will take place as part of the proposed project. No impacts to wetlands are anticipated.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.dec.ny.gov/ismmaps/ERM/viewer.htm</p> <p>http://www.fws.gov/wetlands/data/mapper.HTML</p>
<p>Coastal Zone Management Act</p> <ul style="list-style-type: none"> ▪ Coastal Zone Management Act of 1972 	B	<p>All of the proposed project locations are located within the New York State Coastal Zone and within an area subject to the New York City Local Waterfront Revitalization Program (LWRP).</p> <p>As such, an LWRP Consistency Assessment Form has been prepared and submitted to the New York City Department of City Planning (DCP) and a Federal Consistency Assessment Form to assess consistency with the New York State Coastal Management Program (CMP) has been prepared and submitted to the New York State Department of State (DOS).</p> <p>The completed Consistency Assessment Forms are provided in Appendix A. Agency correspondence is provided in Appendix B.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.dos.ny.gov/opd/atlas/</p> <p>http://appext20.dos.ny.gov/coastal_map_public/map.aspx</p> <p>http://www.dos.ny.gov/opd/programs/WFRevitalization/LWRP_status.html</p> <p>http://www1.nyc.gov/site/planning/applicants/wrp/wrpcoastalmaps.page</p>
<p>Sole Source Aquifers</p> <ul style="list-style-type: none"> ▪ Safe Drinking Water Act of 1974 ▪ 40 CFR Part 149 regulations 	A	<p>The project locations in Brooklyn and Queens are located on the Brooklyn-Queens Sole Source Aquifer (SSA) system. The project location on Staten Island is not located on an SSA system. An initial screen was performed. As the Proposed Project includes only minor construction on the interior and rooftop of existing buildings and has no effect on water supply, wastewater discharge, or any subsurface components, no impacts to the SSA system are anticipated.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.epa.gov/region02/water/aquifer/brooklyn/broo_fig.htm</p>

<p>Endangered Species Act</p> <ul style="list-style-type: none"> ▪ Endangered Species Act of 1973 	<p>A</p>	<p>The USFWS Information for Planning and Conservation System lists the piping plover (<i>Charadrius melodus</i>; Threatened), roseate tern (<i>Sterna dougallii</i>; Endangered), rufa subspecies of the red knot (<i>Calidris canutus rufa</i>; Proposed Threatened), and seabeach amaranth (<i>Amaranthus pumilus</i>; Threatened) as occurring within Queens County, and the piping plover and roseate tern as occurring within Richmond County. No critical habitats are listed for either area. A consultation letter to the New York Natural Heritage Program (NYNHP) requesting a list of species in the area was also sent and is included in Appendix B.</p> <p>Each of these species is associated with coastal habitats and would be limited to the oceanfront and/or bayside shorelines of Queens and Staten Island, with the exception of the roseate tern, which could also be found nesting on island marshes and foraging over open water. The project site on Staten Island is well inland, more than 1 mile from the shoreline and closest beach (Franklin D. Roosevelt Beach), and in an urbanized area. Piping plovers and roseate terns are not considered to have the potential to occur in the vicinity of this project site, and as such, there would be no potential impacts to these species from the rooftop installation of the Solatube Daylighting System at this location.</p> <p>Each of the project sites on the Rockaway Peninsula of Queens is a minimum of 850 feet from the nearest sandy beach. A few of the sites are located in a shopping plaza on the bay side of the peninsula, off of Beach Channel Drive and Beach 116th Street. The bayside shoreline behind and to the east of the shopping plaza is bulkheaded, and to the west, is armored with rip-rap. As such, no suitable habitat is available in the area for piping plovers, red knots, or seabeach amaranth. No suitable nesting habitat is available for roseate terns, and on only rare occasions might roseate terns fly and/or forage over the offshore waters of Jamaica Bay. As described above, installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be inside. No disturbances to roseate terns, piping plovers, or red knots would be expected to occur from the work at these buildings, and there would be no disturbance of shoreline habitat that could have any potential to affect seabeach amaranth.</p> <p>Overall, it is concluded that the proposed project would not adversely affect the piping plover, red knot, roseate tern, or seabeach amaranth, and would therefore be in compliance with section 7 of the ESA, as amended. A consultation letter was sent to USFWS detailing this finding of No Effect and is included in Appendix B. A response provided by USFWS on May 31, 2016 (see Appendix B) concurred with this determination of No Effect for all but one of the proposed project locations. USFWS recommended that the remaining proposed project site, Jamaica Bay Riding Academy, be classified as May Affect, Not Likely to Adversely Affect given the proximity of suitable habitat for red knot. A response to USFWS was provided on June 1, 2016 (see Appendix B) detailing the reasons why the proposed project will</p>
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		<p>not affect the red knot habitat. A response from USFWS concurring with the determination of No Effect for the Jamaica Bay Riding Academy was received on June 6, 2016 (see Appendix B).</p> <p>The proposed project is compliant with this regulation.</p> <p>http://ecos.fws.gov/ipac/gettingStarted/map</p>
<p>Migratory Bird Treaty Act</p> <ul style="list-style-type: none"> ▪ [50 CFR 10, 20, 21, Executive Order 13186] 	A	<p>As the proposed project includes only minor construction on the interior and rooftop of existing buildings, no effects on migratory birds are anticipated as a result of the project. The proposed project would comply with the Neotropical Migratory Bird Treaty Act given that no take of birds protected under the Act would result from the proposed project. A consultation letter was sent to USFWS detailing this finding of no effect and is included in Appendix B.</p> <p>The proposed project is compliant with this regulation.</p>
<p>Coastal Barrier Resources Act</p> <ul style="list-style-type: none"> ▪ 16 U.S.C 3501-3510 	A	<p>The proposed project includes the installation of the Daylighting system on one existing structure within the existing Jamaica Bay Riding Academy (7000 Shore Parkway, Brooklyn), which is located within the Jamaica Bay Unit NY-60P of the John H. Chafee Coastal Barrier Resources System. The Riding Academy has provided recreational horseback riding opportunities at this location since 1972, before the enactment of the Coastal Barrier Resources Act of 1982 and subsequent amendments. The proposed project is a minor modification of an existing structure that would provide resilience and increased public safety during storm events that result in an interruption of electrical power to this recreational facility. The project would not result in any change to the existing horseback riding recreational activity within the property, would not result in the construction of any new impervious surfaces or affect the resources or natural storm protective buffer provided by this portion of the mapped coastal barrier.</p> <p>For these reasons, it was determined the funding of the proposed project to be consistent with the Coastal Barrier Resources Act and the exception to limitations on expenditure in Section 3505(a)(6)(A) pertaining to expenditures that provide assistance for recreational projects within the Coastal Barrier Resources System. A consultation letter detailing this finding was sent to the US Fish and Wildlife Service (USFWS) and is included in Appendix B.</p> <p>The remaining project sites are not located within a coastal barrier resource area.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.fws.gov/ecological-services/habitat-conservation/cbra/maps/Locator/NY_Long_Island.pdf</p> <p>http://www.fws.gov/CBRA/Maps/CBRS/36-001A.PDF</p> <p>http://www.fws.gov/CBRA/Maps/CBRS/36-002A.PDF</p>
<p>Wild and Scenic Rivers Act</p> <ul style="list-style-type: none"> ▪ Wild and Scenic Rivers Act of 1968 	A	<p>Not applicable. Only one river in New York State is included in the National Wild and Scenic Rivers Systems and it is the Delaware River (Upper). The proposed project site is not located</p>

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		<p>near this river and no adverse impacts are anticipated.</p> <p>http://www.rivers.gov/maps/conus.php</p>
<p>Air Quality</p> <ul style="list-style-type: none"> ▪ Clean Air Act of 1970 ▪ 40 CFR Parts 6, 51, & 93 regulations 	A	<p>The proposed project would be located in Kings, Queens, and Richmond Counties, which are within a marginal nonattainment area for the eight-hour ozone standard. The proposed project involves the installation of passive solar lighting systems at multiple small businesses in coastal neighborhoods of Brooklyn, Queens, and Staten Island (see Figures 2a-2y). The duration of construction associated with installation of the Solatube Daylighting Systems is typically less than one day and requires only the use of hand tools. In the future with the proposed project, the implementation of Solatube Daylighting Systems may reduce the energy consumption of the installation sites by reducing energy required for lighting, having a positive impact on air quality. Additionally, use of Solatube Daylighting Systems is expected to reduce the use of generators for lighting purposes at the installation sites, which would also have a positive effect on localized air quality. The proposed project would not meet or exceed conformity thresholds and would not result in direct nor indirect adverse impacts to air quality. Therefore, the conformity determination requirements do not apply to the proposed project. Any air quality impacts would be short-term and localized during construction; therefore, no significant adverse impacts to air quality would occur.</p> <p>The proposed project is compliant with this regulation.</p>
<p>Farmland Protection Policy Act</p> <ul style="list-style-type: none"> ▪ Farmland Protection Policy act of 1981 ▪ 7 CFR Part 658 regulations 	A	<p>The proposed project is not located within an agricultural district or in an area with prime farmland soils.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.agriculture.ny.gov/ap/agservices/agricultural-districts.html</p> <p>http://websoilsurvey.sc.egov.usda.gov/app/WebSoilSurvey.aspx</p>
<p>Environmental Justice</p> <ul style="list-style-type: none"> ▪ Executive Order 12898 	A	<p>The following recipient business locations are located within Potential Environmental Justice Areas as identified by the New York State Department of Environmental Conservation (NYSDEC):</p> <ul style="list-style-type: none"> - Beach Channel Drive Realty/Patrick O'Rourke Realty LLC - Elizabeth Hanna/E&N Hardware - Tom Hughes/BINK Realty - Robert Leckie/416 Beach 116th Street Corporation - Daniel Mirkin/253 Beach 116 Owners LLC - Bryan Bernarth/Bryan's Auto (Bryan's Auto East site only) - 101 Deli Corporation - Makai 116, LLC - Elms Realty, LLC - 7302 Beach Channel Drive Realty Corp - Nick Velardi's Service Station, Inc. - Koufos Realty Corp - Ritman Realty Corp - Arka Investors, Inc. - Rian Realty, LLC - Channel Realty Co

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		<p>The proposed project includes minor construction on the interior and rooftop of existing buildings. No additional waste, emissions, or noise impacts would result from the proposed project. Since the proposed project would not result in the potential for significant adverse impacts, there are no disproportionate adverse impacts anticipated on the surrounding community.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://www.dec.ny.gov/docs/permits_ej_operations_pdf/kingsejetail.pdf</p> <p>http://www.dec.ny.gov/docs/permits_ej_operations_pdf/queensej.pdf</p> <p>http://www.dec.ny.gov/docs/permits_ej_operations_pdf/richmonddej.pdf</p>
HUD Environmental Standards	Status	Determinations and Compliance Documentation
<p>Noise Abatement and Control</p> <ul style="list-style-type: none"> ▪ 24 CFR Part 51B regulations 	A	<p>The proposed project is not a noise sensitive use, and furthermore, the policies of 24 CFR 51.101(a)(3) do not apply to any action or emergency assistance under disaster assistance provisions or appropriations which are provided to save lives and protect public health and safety.</p> <p>The proposed project involves the installation of passive solar lighting systems at multiple small businesses in coastal neighborhoods of Brooklyn, Queens, and Staten Island (see Figures 2a-2y). No demolition at the project sites is expected. The proposed project will cause temporary, minor increases in noise levels during construction that will be mitigated by complying with local noise ordinances. The duration of construction associated with installation of the Solatube Daylighting Systems is typically less than one day and requires only the use of hand tools. Therefore, it is anticipated that the proposed project would not generate any significant adverse noise impacts.</p> <p>The proposed project is compliant with this regulation.</p>
<p>Explosive and Flammable Operations</p> <ul style="list-style-type: none"> ▪ 24 CFR Part 51C regulations 	A	<p>This criterion is applicable to HUD-assisted projects that involve new residential construction, conversion of non-residential buildings to residential use, rehabilitation of residential properties that increase the number of units, or restoration of abandoned properties to habitable condition. As such, this criterion is not applicable to the proposed project.</p>
<p>Toxic Chemicals and Radioactive Materials</p> <ul style="list-style-type: none"> ▪ 24 CFR Part 58.5(i)(2)(i) regulation 	A	<p>Review of the NEPA Assist RCRA Hazardous Waste site database indicates that there are multiple Resource Conservation and Recovery Act (RCRA) hazardous waste sites adjacent to or near the proposed project sites. However, as the proposed project will not require any ground disturbance or subsurface work, it is anticipated that these sites would have no effect on the proposed project.</p> <p>Each site will be required to obtain a New York City Department of Building (NYCDOB) permit for the installation of the Solatube systems. In order to obtain the permits, an asbestos survey</p>

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		<p>must be performed at each site prior to installation of the systems. For health and safety purposes, a lead paint survey shall also be performed at each site. If any asbestos-containing material (ACM) or lead paint is identified as a result of the surveys, appropriate mitigation and disposal measures will be taken and all asbestos and lead abatement work will be performed in accordance with all applicable Federal, State and local rules and regulations. All solid waste materials will be managed and transported in accordance with federal, State, and local solid and hazardous waste rules.</p> <p>The proposed project is compliant with this regulation.</p> <p>http://nepassisttool.epa.gov/nepassist/nepamap.aspx</p>
<p>Airport Clear Zones and Accident Potential Zones</p> <ul style="list-style-type: none"> ▪ 24 CFR Part 51D regulations 	A	<p>Not applicable. Based on guidance provided by HUD in Fact Sheet #D1, the National Plan of Integrated Airport Systems was reviewed for civilian, commercial service airports within the vicinity of the project sites. No known civil airports are located within 2,500 feet and no known military airports are located within 15,000 feet of the project site. Therefore there are no anticipated adverse impacts.</p> <p>https://www.hudexchange.info/resources/documents/Siting-HUD-Assisted-Projects-in-Accident-Potential-Zones.pdf</p>
<p>Magnuson-Stevens Fishery Conservation and Management Act</p> <ul style="list-style-type: none"> ▪ 16 USC 1801 et seq 	A	<p>As the proposed project includes only minor construction on the interior and rooftop of existing buildings, no effects on fisheries are anticipated as a result of the project.</p> <p>The proposed project is compliant with this regulation.</p>
<p>Fish and Wildlife Coordination Act</p> <ul style="list-style-type: none"> ▪ 16 USC 661-666c 	A	<p>As the proposed project includes only minor construction on the interior and rooftop of existing buildings, no effects on birds, fishes, mammals, or vegetation are anticipated as a result of the project. The project includes no impoundment, diversion, or control of waters and would not result in any sewage or industrial wastes. Therefore there are no anticipated adverse impacts.</p> <p>The proposed project is compliant with this regulation.</p>
<p>Agriculture and Markets Law</p> <ul style="list-style-type: none"> ▪ Title 1 NYCRR Section 139.2 	A	<p>The proposed project is located outside of the regulated areas as defined in Title 1 NYCRR Section 139.2 subparts (a) and (b). This regulation is not applicable to the proposed project.</p>

Determination:

- () **This project converts to Exempt** status, per 24 C.F.R. Part 58.34(a)(12), provided there are no circumstances which require compliance with any listed statutes, executive orders, or regulations, nor require any formal permit or license (Status "A" has been determined in the status column for all authorities). **Funds may be drawn down** for this (now) EXEMPT project; OR
- (X) **This project cannot convert to Exempt** status because one or more of the listed statutes, executive orders, or regulations require(s) consultation or mitigation. Environmental consultation/mitigation requirements, pursuant to 24 C.F.R. Part 58 must be completed/determined to the point of reaching closure. A Notice of Intent to Request a Release of Funds must be published with its associated public comment periods pursuant to 24 C.F.R. Part 58.45 and Subpart H in coordination with HUD/State government (as applicable). Form HUD 7015.15, "*Request for Release of Funds and Certification*", must be properly executed pursuant to 24 C.F.R. Part 58, Subpart H and forwarded to HUD/State government (as applicable). Appropriate authority to use grant funds must be obtained from HUD/State government (as applicable) before drawing down funds; OR
- () **The unusual circumstances of this project may result in a significant environmental impact.** This project requires preparation of an Environmental Assessment (EA). An EA should be prepared pursuant to 24 C.F.R. Part 58, Subpart E.

Regulatory Checklist (ref.: 24 C.F.R. Part 58.6 – Other requirements):

Project Name: NYC Daylighting
ERR FILE: B-13-MS-36-0001

24 C.F.R. Part 58.6(a): *Flood Disaster Protection Act of 1973, as amended:*

(NOTE: Applicable only when project/activity site is located in a community participating in the National Flood Insurance Program, administered by the Federal Emergency Management Agency.)

Is the project/activity located within a Special Flood Hazard Area (SFHA) as mapped by the Federal Emergency Management Agency (FEMA)?

Yes No

If **No**, compliance with this section is complete.

If **Yes**, continue.

FEMA Map Number(s): 3604970328F, 3604970237F, 3604970239F, 3604970357F, 3604970366F, 3604970379F, 3604970382F, and 3604970383F.

If the answer to this question is yes, the project/activity cannot proceed unless flood insurance is obtained through the National Flood Insurance Program.

Insurance Policy Number(s): see Source Document below.

Source Document:

Though all recipient businesses may not currently hold Flood Insurance under the NFIP, project recipients located within the FEMA Special Flood Hazard Area will be required to obtain and maintain flood insurance through FEMA's National Flood Insurance Program in accordance with Federal requirements at Sections 102(a) and 202(a) of the Flood Disaster Protection Act of 1973 as amended, and Sec. 582(1) of the National Flood Insurance Reform Act of 1994, and Federal Register Notices from the U.S. Department of Housing and Urban Development (HUD) applicable to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2), which specify flood insurance requirements applicable to disaster recovery assistance provided to homeowners and businesses:

1. For building-based technologies, building coverage may be required for the full value of the technology plus installation costs for the useful life of the building in which the technology is installed; and
2. For business-based technologies, personal property "contents" coverage may be required for the full value of the technology plus installation costs for the useful life of the technology.

All project recipients located within the floodplain will be required to secure NFIP flood insurance as a requirement of participating in the RISE:NYC program.

24 C.F.R. Part 58.6(b): *National Flood Insurance Reform Act of 1994, Section 582, (42 U.S.C. 5154a):*

(NOTE: Applicable only when the project site is located in an area where HUD disaster assistance is being made available.)

Is the project/activity located within a Special Flood Hazard Area (SFHA) as mapped by the Federal Emergency Management Agency (FEMA)?

Yes No

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

If **No**, compliance with this section is complete.

If **Yes**, continue.

FEMA Map Number(s): 3604970328F, 3604970237F, 3604970239F, 3604970357F, 3604970366F, 3604970379F, 3604970382F, and 3604970383F.

If **“Yes”**, would the HUD disaster assistance be made to a person who had previously received Federal flood disaster assistance conditioned on obtaining and maintaining flood insurance and that person failed to obtain and maintain the flood insurance?

Yes No

If **“Yes”**, the HUD disaster assistance cannot be made to that person in the Special Flood Hazard Area to make a payment (including any loan assistance payment) for repair, replacement, or restoration for flood damage to any personal, residential, or commercial property.

Insurance Policy Number(s): see Source Document below.

Source Document:

Though all recipient businesses may not currently hold Flood Insurance under the NFIP, project recipients located within the FEMA Special Flood Hazard Area will be required to obtain and maintain flood insurance through FEMA’s National Flood Insurance Program in accordance with Federal requirements at Sections 102(a) and 202(a) of the Flood Disaster Protection Act of 1973 as amended, and Sec. 582(1) of the National Flood Insurance Reform Act of 1994, and Federal Register Notices from the U.S. Department of Housing and Urban Development (HUD) applicable to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2), which specify flood insurance requirements applicable to disaster recovery assistance provided to homeowners and businesses:

3. For building-based technologies, building coverage may be required for the full value of the technology plus installation costs for the useful life of the building in which the technology is installed; and
4. For business-based technologies, personal property “contents” coverage may be required for the full value of the technology plus installation costs for the useful life of the technology.

All project recipients located within the floodplain will be required to secure NFIP flood insurance as a requirement of participating in the RISE:NYC program.

§58.6(c) Coastal Barrier Improvement Act, as amended by the Coastal Barriers Improvement Act of 1990 (16 U.S.C. 3501)

Does the project involve new construction, conversion of land uses, major rehabilitation of existing structure, or acquisition of undeveloped land?

Yes No

If **No**, compliance with this section is complete.

If **Yes**, continue below.

Is the project located in a coastal barrier resource area?

Yes No

If **No**, compliance with this section is complete.

If **Yes**, Federal assistance may not be used in such an area.

Source Document: Not applicable. Project does not involve new construction, conversion of land uses, major rehabilitation of existing structure, or acquisition of undeveloped land.

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

§58.6(d) Runway Clear Zones and Clear Zones [24 CFR §51.303(a) (3)]

Does the project involve the sale or purchase of existing property?

Yes No

If No, compliance with this section is complete.

If yes, continue below.

Is the project located within 2,500 feet of the end of a civil airport runway (Civil Airport's Runway Clear Zone) or within 15,000 feet of the end of a military runway (Military Airfield's Clear Zone)?

Yes No

If No, compliance with this section is complete.

If Yes, If yes, the responsible entity must advise the buyer that the property is in a runway clear zone or clear zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date, be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information and be maintained in this ERR. For the appropriate content, go to:

<http://www.hud.gov/offices/cpd/environment/review/qa/airporthazards.pdf>.

Source Document: Not applicable. Project does not involve the sale or purchase of existing property.

Attachments:

Table 1 – Proposed Project Locations
Figure 1 – Project Location Regional Map
Figures 2a – 2y: Project Location Maps
Figures 3a – 3y: FEMA preliminary Flood Hazard Area Maps
Figures 4a – 4y: USFWS NWI and NYSDEC Wetlands Maps
Figures 5a – 5y: USGS Topographic Maps

List of Sources, Agencies, and Persons Consulted

[40 C.F.R. Part 1508.9(b)]

EPA, Greenbook: <http://www.epa.gov/oaqps001/greenbk/index.html>

EPA, Greenbook – Federal Register Notices: <http://www.epa.gov/oaqps001/greenbk/adden.html>

EPA NEPAassist: <http://nepassisttool.epa.gov/nepassist/entry.aspx>

EPA Region 2 Sole Source Aquifers: <http://www.epa.gov/region02/water/aquifer/>

FEMA Coastal Barrier Resource System – New York: <https://www.fema.gov/national-floodinsurance-program/coastal-barrier-resource-system-new-york>

FEMA Mapping Service Center: <https://msc.fema.gov/portal>

Military and Civilian Airports:

https://www.michigan.gov/documents/mshda/mshda_cd_nsp2_air_accident_315724_7.pdf

National Park Service – New York Segments:

<http://www.nps.gov/ncrc/programs/rtca/nri/states/ny.html>

New York State Department of Agriculture and Markets:

<http://www.agriculture.ny.gov/ap/agsservices/agricultural-districts.html>

New York State Department of Environmental Conservation (NYSDEC), Coastal Management:

<http://www.dec.ny.gov/lands/86541.html>

NYSDEC Environmental Resource Mapper: <http://www.dec.ny.gov/animals/38801.html>

NYSDEC Wild, Scenic and Recreational Rivers: <http://www.dec.ny.gov/permits/32739.html>

NYSDEC Potential Environmental Justice Areas in Kings, Queens, and Richmond Counties:

http://www.dec.ny.gov/docs/permits_ej_operations_pdf/kingsejdetail.pdf

http://www.dec.ny.gov/docs/permits_ej_operations_pdf/queensej.pdf

http://www.dec.ny.gov/docs/permits_ej_operations_pdf/richmondej.pdf

New York State Department of State (NYS DOS) – Coastal Boundary Map:

<http://www.dos.ny.gov/opd/atlas/> and http://appext20.dos.ny.gov/coastal_map_public/map.aspx

NYS DOS – Local Waterfront Revitalization Program – Coastal Waterbodies and Inland Waterways:

http://www.dos.ny.gov/opd/programs/pdfs/Waterways_List_08-14.pdf

State Register of Historic Places – Cultural Resources Information Systems (CRIS):

<http://parks.ny.gov/shpo/online-tools/>

United States Fish and Wildlife Service (USFWS) IPaC:

<http://ecos.fws.gov/ipac/>

USFWS Coastal Barrier Resources Act:
<http://www.fws.gov/cbra/Maps/index.html>

USFWS Wetlands Online Mapper – National Wetlands Inventory Map:
<http://www.fws.gov/wetlands/Data/Mapper.html>

Wild and Scenic Rivers Act – Sections 3 and 5 (16 USC 1274 and 1276):
<http://www.rivers.gov/rivers/delaware-upper.php>
<http://www.rivers.gov/maps/conus.php>

List of Permits Obtained or Required

NYCDOB permits – to be obtained prior to start of installation

Appendices:

Appendix A – Supplemental Technical Information
Appendix B – Agency Correspondence

Environmental Review Preparer's Information:

Environmental Preparer's name, title, and organization (printed or typed):

Jennifer Franco, Senior Technical Director, AKRF, Inc.

Environmental Preparer's signature



Date:

6/2/16

Responsible Entity, Representative's Information/Certification:

Responsible Entity, Representative's name, title, and organization (printed or typed):

Calvin Johnson, Assistant Director, CDBG-DR, New York City Office of Management and Budget

Responsible Entity, Representative's signature:



Date:

6/2/16

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

Table 1 - Proposed Project Locations

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Beach Channel Drive Realty/Patrick O'Rourke Realty LLC	<ol style="list-style-type: none"> 1. J. Mehlman 2. Animal Hospital of the Rockaways 3. Rockaway Bagels 4. Edward Jones Investments 5. Dr. Rogoff's Dental Group 6. Main Building 7. Interior Offices 8. Belle Harbor Pharmacies 	<ol style="list-style-type: none"> 1. 114-12 Beach Channel Drive, Queens, NY 11694 2. 114-10 Beach Channel Drive, Queens, NY 11694 3. 114-08 Beach Channel Drive, Queens, NY 11694 4. 115-10 Beach Channel Drive, Queens, NY 11694 5. 115-08 Beach Channel Drive, Queens, NY 11694 6. 115-06 Beach Channel Drive, Queens, NY 11694 7. 115-08 Beach Channel Drive, Queens, NY 11694 8. 115-14 Beach Channel Drive, Queens, NY 11694 	Yes	Yes
Elizabeth Hanna/E&N Hardware	Brown's Hardware	245 Beach 116 th Street, Queens, NY 11694	Yes	Yes
M&R Rockaway	Strands Hair Salon Nicole Frontera Beauty Burn Fitness/Cyber Zone Health Club Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694	No	Yes

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Breezy Point Cooperative	<ol style="list-style-type: none"> 1. Breezy Point Community Center 2. Caffrey-Conroy Learning Center 3. Breezy Point Warehouse/Shop 4. Breezy Point Field Dept. Office 5. Breezy Point Lifeguard Quarters 6. The Hair Den 7. Breezy Point Lumber Yard 8. Breezy Point Travel Center 9. Breezy Point Surf Shop 	<p>All addresses fall under collective address of 202-30 Rockaway Point, Queens, NY 11697</p> <ol style="list-style-type: none"> 1. 17 West Market Street, Queens, NY 11697 2. 33 Beach 209 Street, Queens, NY 11697 3. 208 9th Avenue, Queens, NY 11697 4. 207-19 8th Avenue, Queens, NY 11697 5. 58 Point Breeze Avenue, Queens, NY 11697 6. 58 Point Breeze Avenue, Queens, NY 11697 7. 28 Market Street, Breezy Point, NY 11697 8. 61 Point Breeze Avenue, Queens, NY 11697 9. 61 Point Breeze Avenue, Queens, NY 11697 	<ol style="list-style-type: none"> 1. Yes 2. Yes 3. No 4. Yes 5. Yes 6. Yes 7. Yes 8. No 9. No 	Yes
Tom Hughes/BINK Realty	Station Liquors/ Rockaway Artists Alliance	260 Beach 116 th Street, Queens, NY 11694	Yes	Yes

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

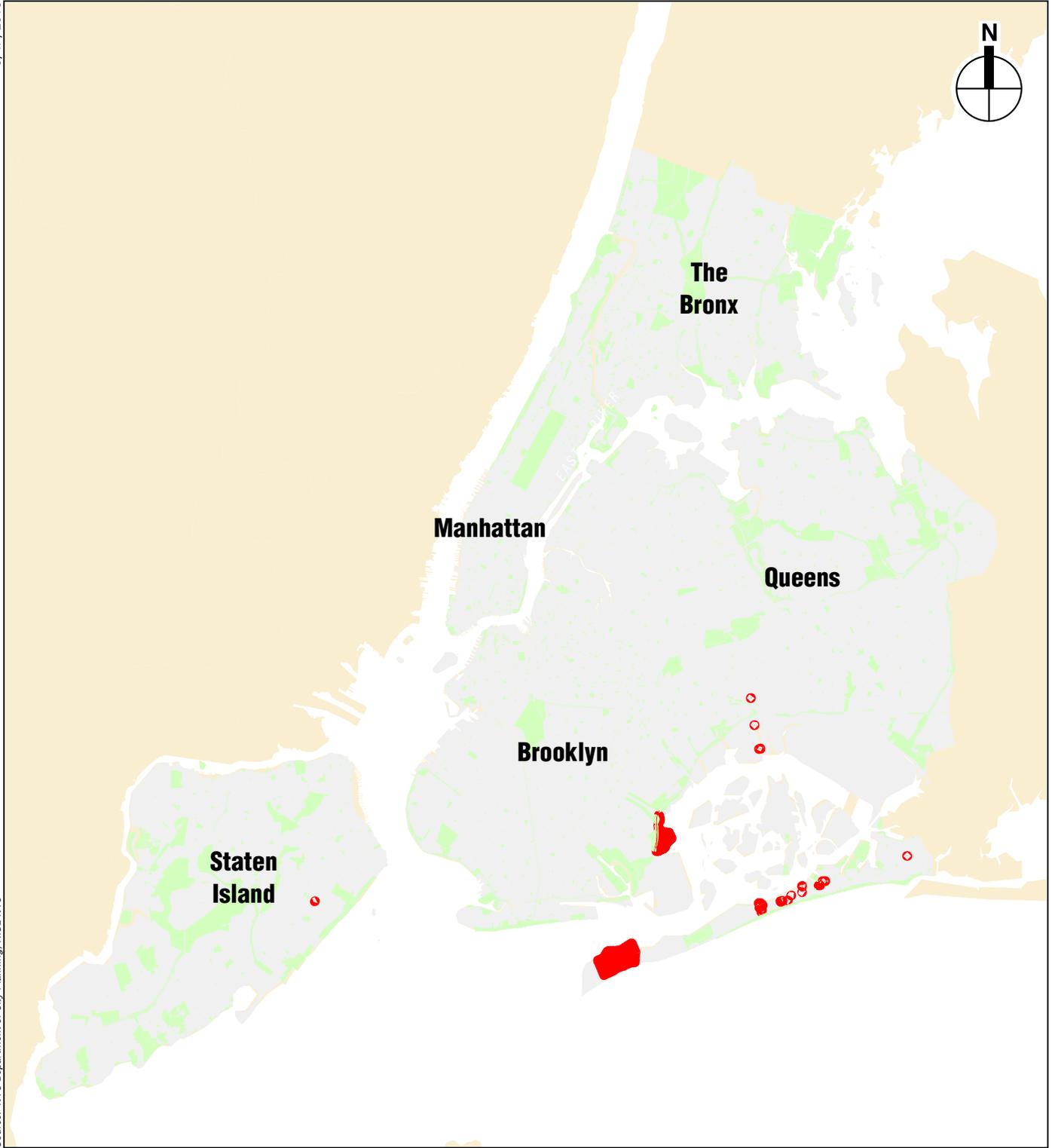
Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Robert Leckie/416 Beach 116 th St. Corp.	The Wharf Bar & Grill	416 Beach 116 th St., Queens, NY 11694	No	Yes
Susan Locke/Wave Build Inc.	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	No	Yes
Daniel Mirkin/253 Beach 116 Owners LLC	Mirkin Vision	253 Beach 116 th Street, Queens, NY 11694	Yes	Yes
Bryan Bernarth/Bryan's Auto	<ol style="list-style-type: none"> 1. Bryan's Auto Parts East Inc. 2. Bryan's Auto East Ltd 	<ol style="list-style-type: none"> 1. 309 Beach 97th Street, Queens, NY 11693 2. 87-15 Beach Channel Drive, Queens, NY 11693 	No	Yes
101 Deli Corp	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	No	Yes
Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	Yes	Yes
Makai 116, LLC	Rogoff's	212 Beach 116th Street, Queens, NY 11694	No	Yes
Elms Realty LLC	<ol style="list-style-type: none"> 1. Rockaway Food Market 2. JKS Printing 3. ADP Signs 	<ol style="list-style-type: none"> 1. 186 Beach 116th Street, Queens, NY 11694 2. 188 Beach 116th Street, Queens, NY 11694 3. 190 Beach 116th Street, Queens, NY 11694 	No	Yes

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Yes	Yes
7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	Yes	Yes
Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	Yes	Yes
Koufos Realty Corp	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	Yes	Yes
Josephine Martire	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	No	Yes
Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	No	Yes
Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	No	No
Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	No	No
FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	Yes	Yes

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

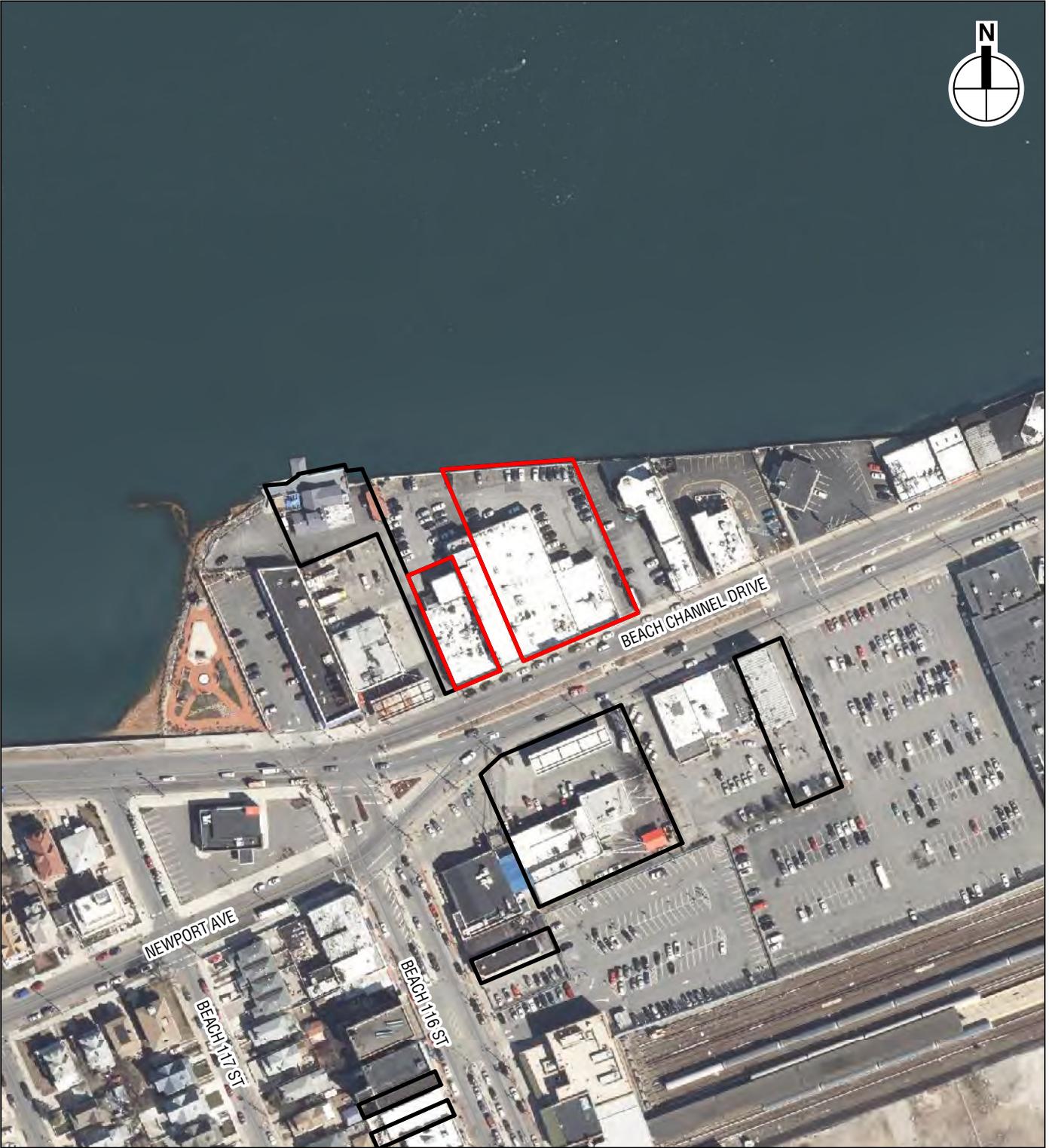
Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Arka Investors Inc.	<ol style="list-style-type: none"> 1. Cuisine by Claudette 2. Rockapup 	<ol style="list-style-type: none"> 1. 143 Beach 116th Street, Queens, NY 11694 2. 145 Beach 116th Street, Queens, NY 11694 	No	Yes
Rian Realty LLC	Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	Yes	Yes
Channel Realty Co	<ol style="list-style-type: none"> 1. Storage 2. Quick Spin Laundry 3. Empire Wok 4. Kim's Rainbow Cleaners 5. Lily's Nail Spa 	<ol style="list-style-type: none"> 1. 114-03 Beach Channel Drive, Queens, NY 11694 2. 114-05 Beach Channel Drive, Queens, NY 11694 3. 114-07 Beach Channel Drive, Queens, NY 11694 4. 114-11 Beach Channel Drive, Queens, NY 11694 5. 114-13 Beach Channel Drive, Queens, NY 11694 	Yes	Yes



 *Project Sites*



Source: NYC Department of City Planning, NYS Digital Orthoimagery



0 380 FEET

- Subject Project Sites
- Project Sites

**Figure 2A: Beach Channel Drive Realty / Patrick O'Rourke Realty
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery

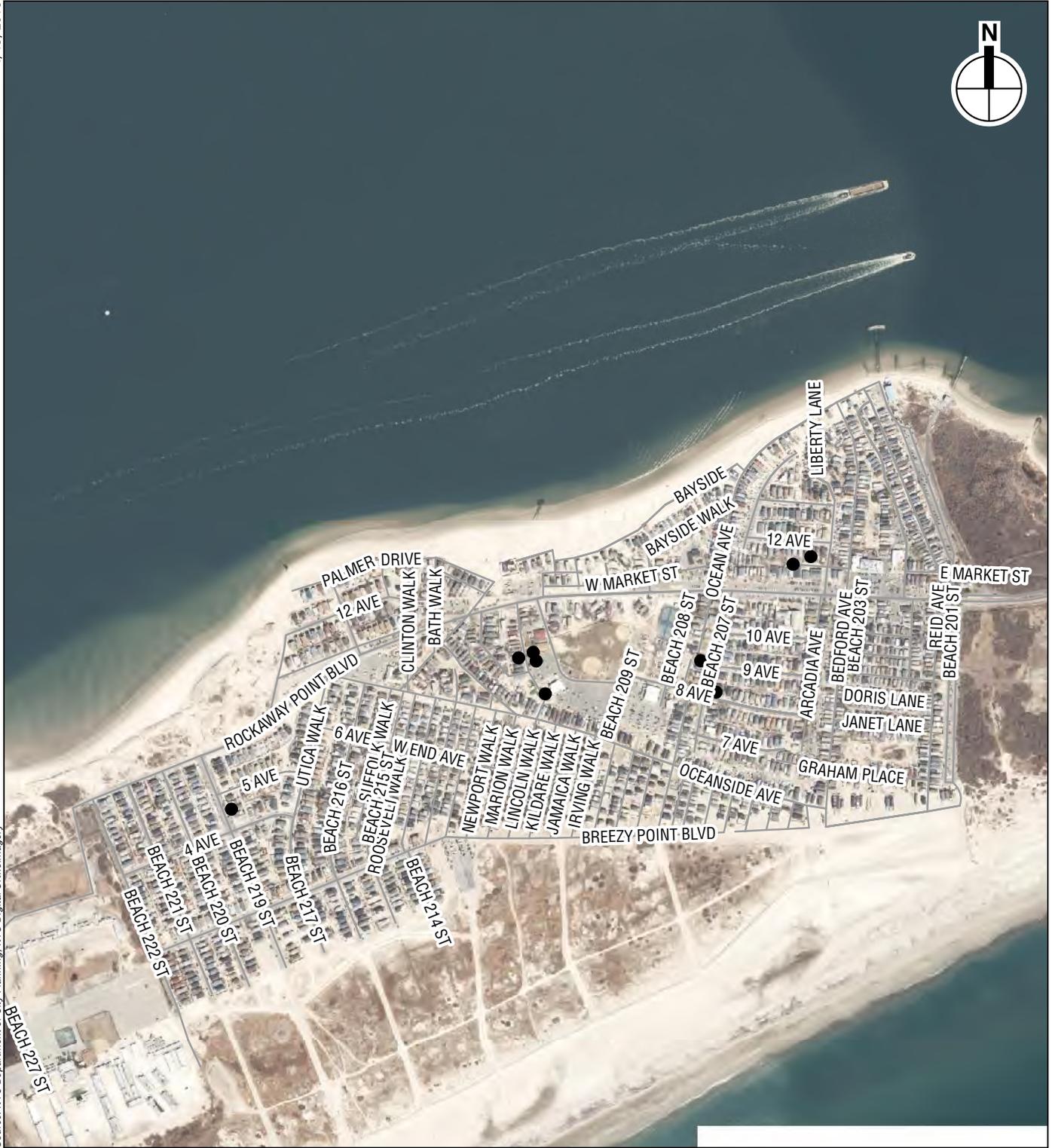
-  Subject Project Sites
-  Project Sites

**Figure 2B: Elizabeth Hanna / E&N Hardware
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery



● Breezy Point Businesses

Figure 2D: Breezy Point Cooperative EDC RISE - NYC: NYC Daylighting

EDC Rise Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

-  Subject Project Sites
-  Project Sites

**Figure 2E: Tom Hughes / BINK Realty
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 360 FEET

-  Subject Project Sites
-  Project Sites

**Figure 2F: Robert Leckie / 416 Beach 116th Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016



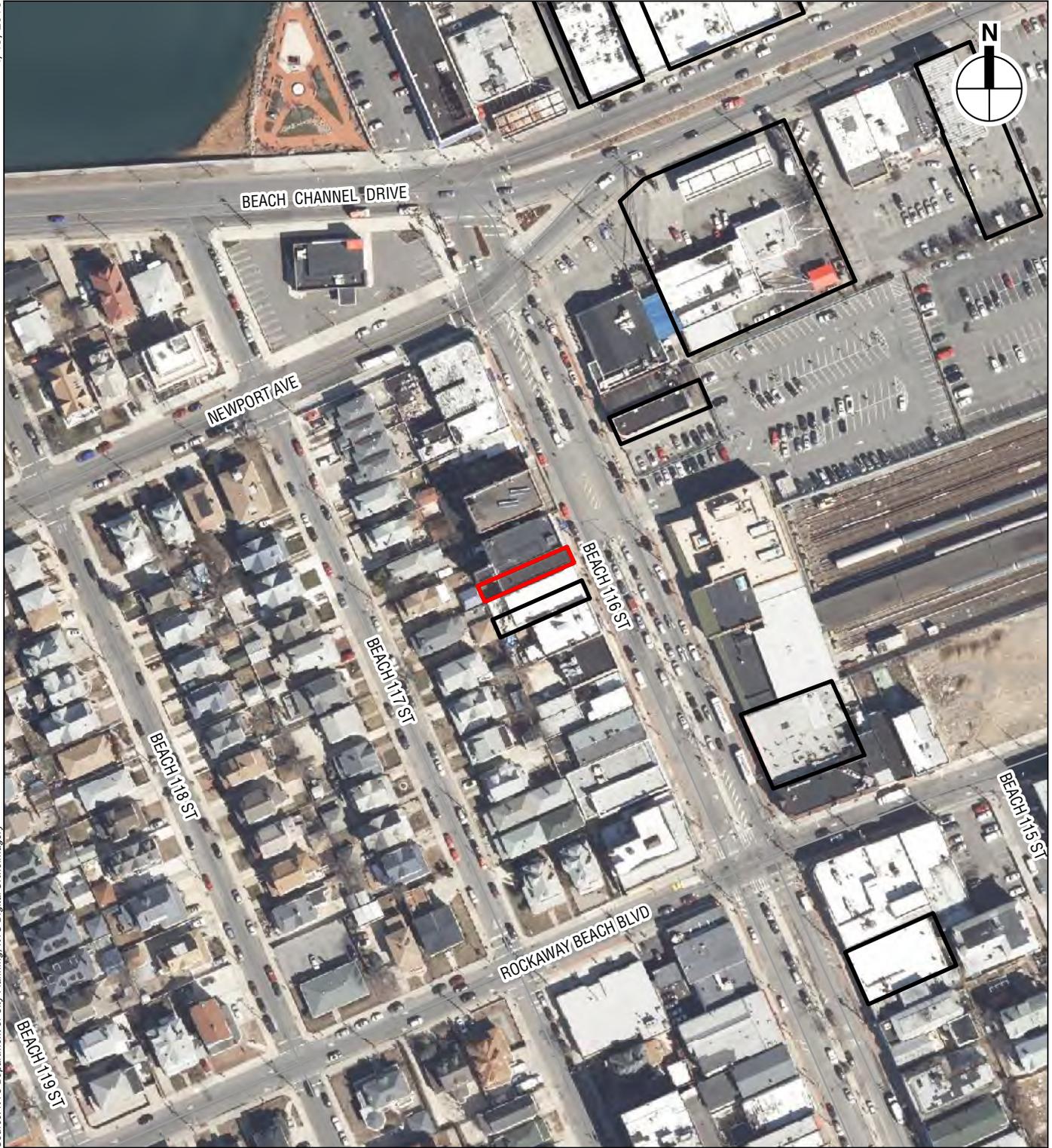
Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

- Subject Project Sites
- Project Sites

**Figure 2G: Susan Locke / Wave Build Inc.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



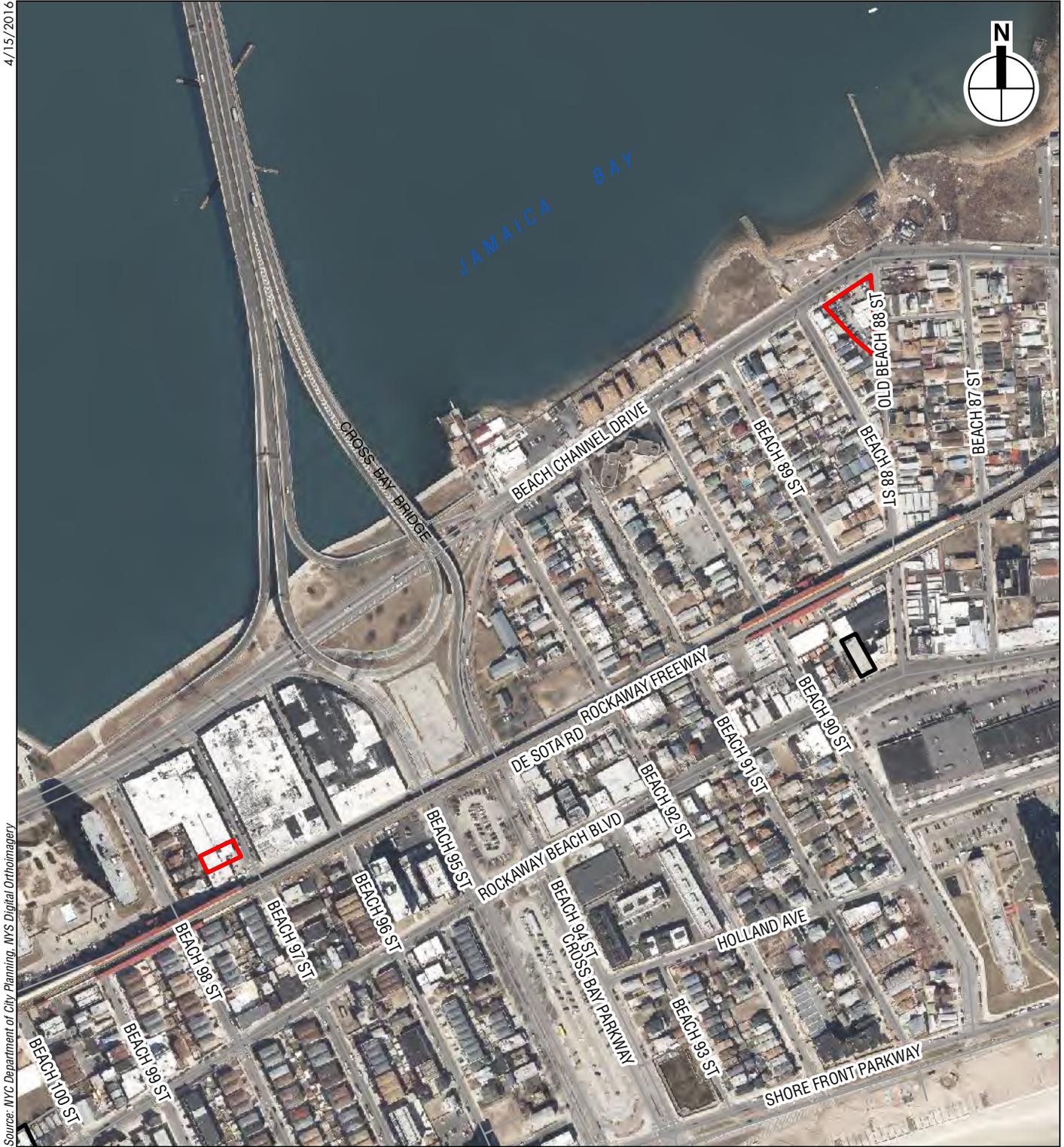
Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

-  Subject Project Sites
-  Project Sites

**Figure 2H: Daniel Mirkin / 253 Beach 116 Owners LLC
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery



- Subject Project Sites
- Project Sites

Figure 2I: Bryan Bernarth / Bryan's Auto
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Project Sites



Source: NYC Department of City Planning, NYS Digital Orthimagery

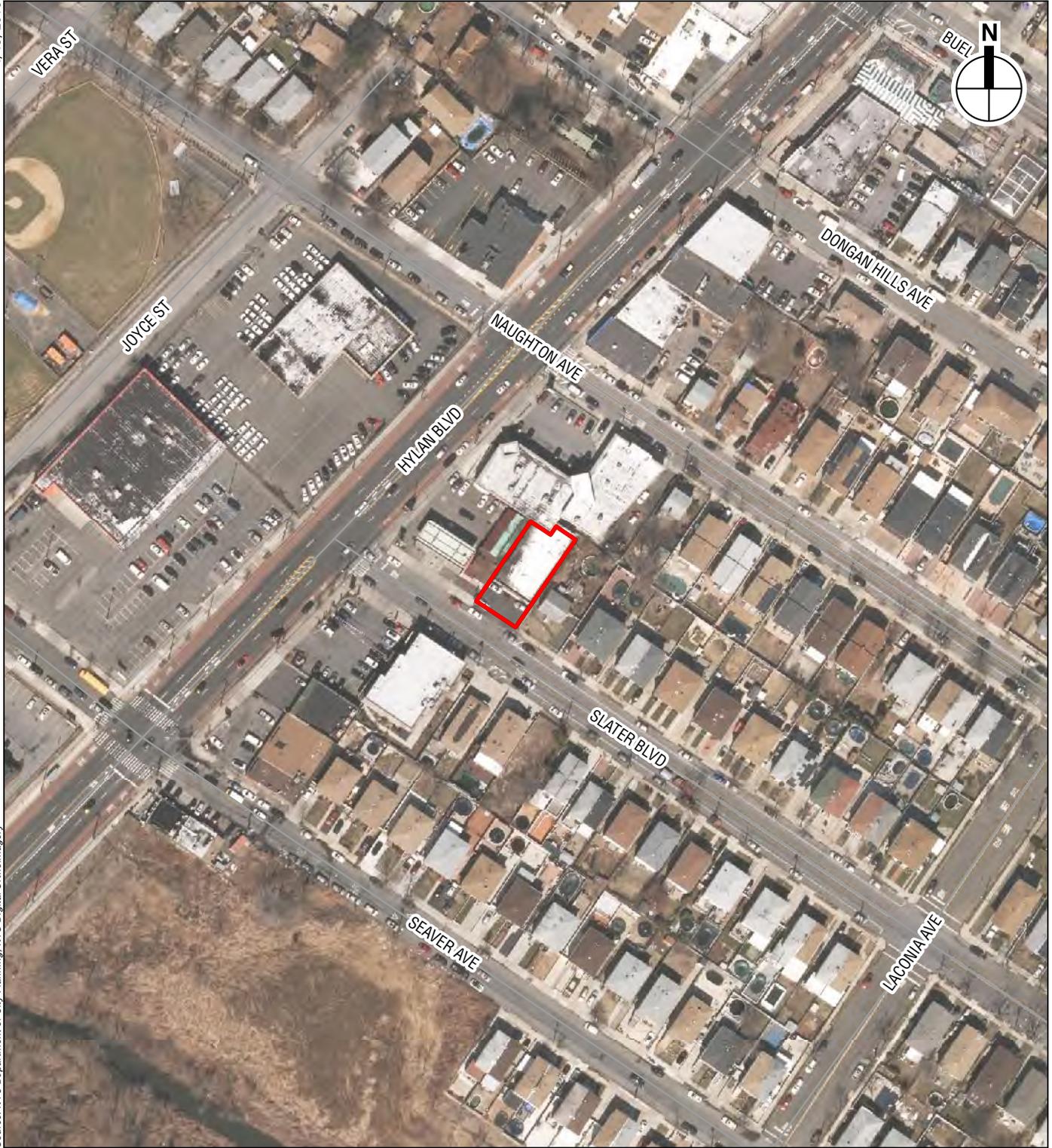
0 320 FEET

-  Subject Project Sites
-  Project Sites

**Figure 2J: 101 Deli Corp
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016



Source: NYC Department of City Planning, NYS Digital Orthoimagery

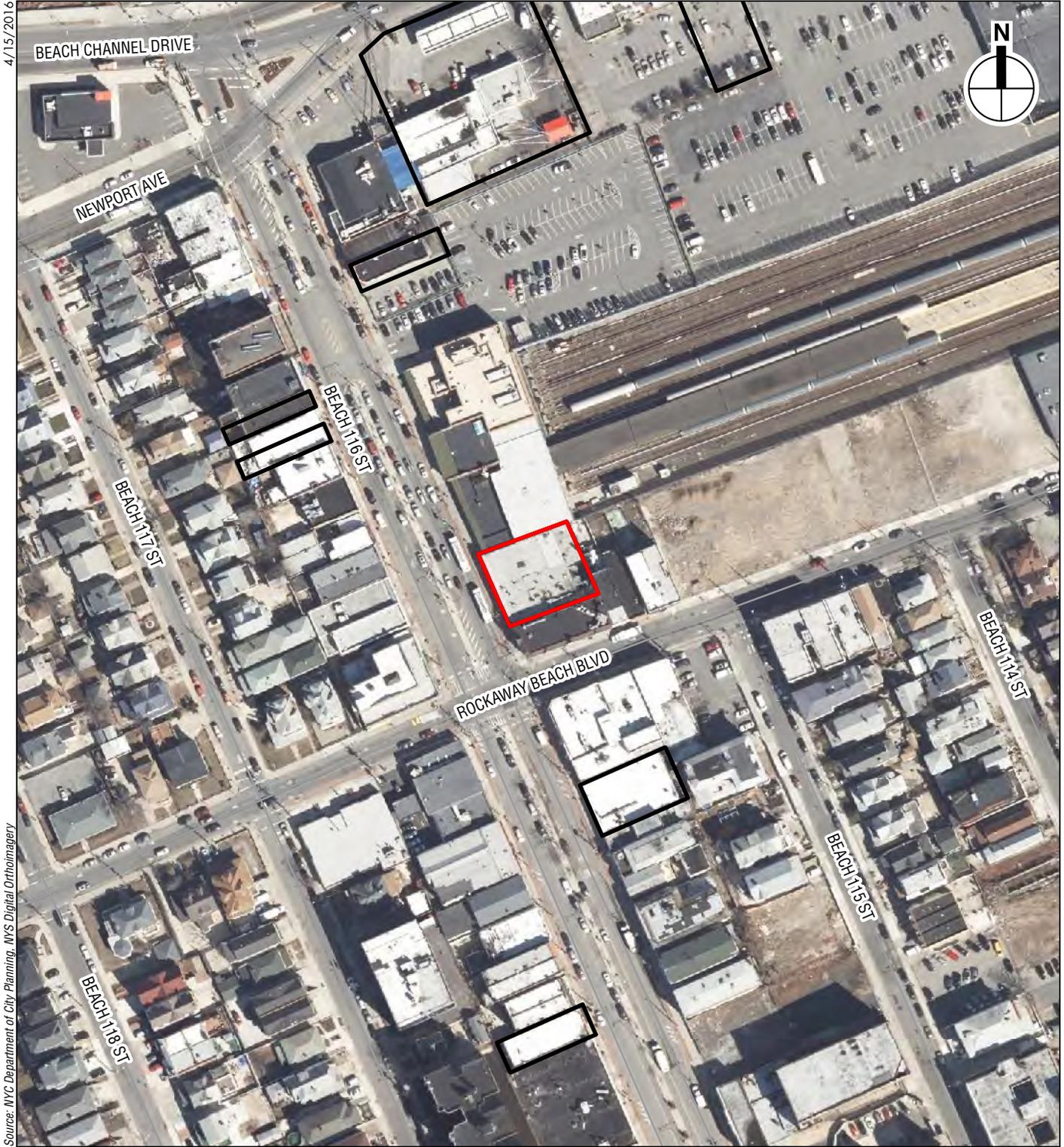
0 320 FEET

- Subject Project Sites
- Project Sites

**Figure 2K: Robert Brianna Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016



Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

-  Subject Project Sites
-  Project Sites

Figure 2L: Makai 116, LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
Project Sites

4/15/2016



Source: NYC Department of City Planning, NYS Digital Orthoimagery

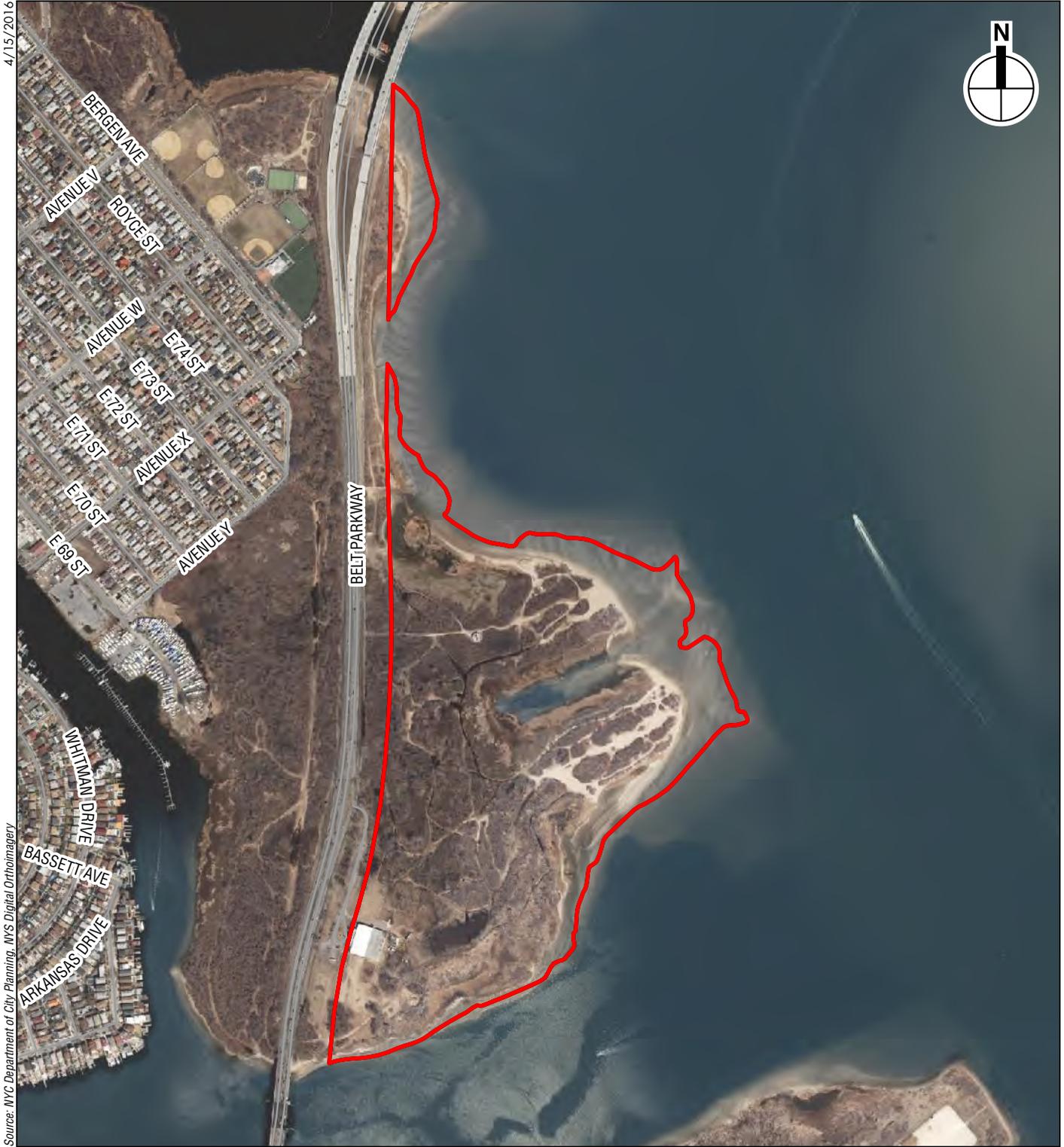
0 320 FEET

- Subject Project Sites
- Project Sites

**Figure 2M:Elms Realty, LLC
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016



Source: NYC Department of City Planning, NYS Digital Orthoimagery



- Subject Project Sites
- Project Sites

Figure 2N: Jamaica Bay Riding Academy
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Project Sites



0 360 FEET

- Subject Project Sites
- Project Sites

**Figure 20: 7302 Beach Channel Dr. Realty Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



0 320 FEET

- Subject Project Sites
- Project Sites

**Figure 2P: Nick Velardi's Service Station Inc.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016

Source: NYC Department of City Planning, NYS Digital Orthoimagery



0 350 FEET

- Subject Project Sites
- Project Sites

**Figure 2Q: Koufos Realty Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



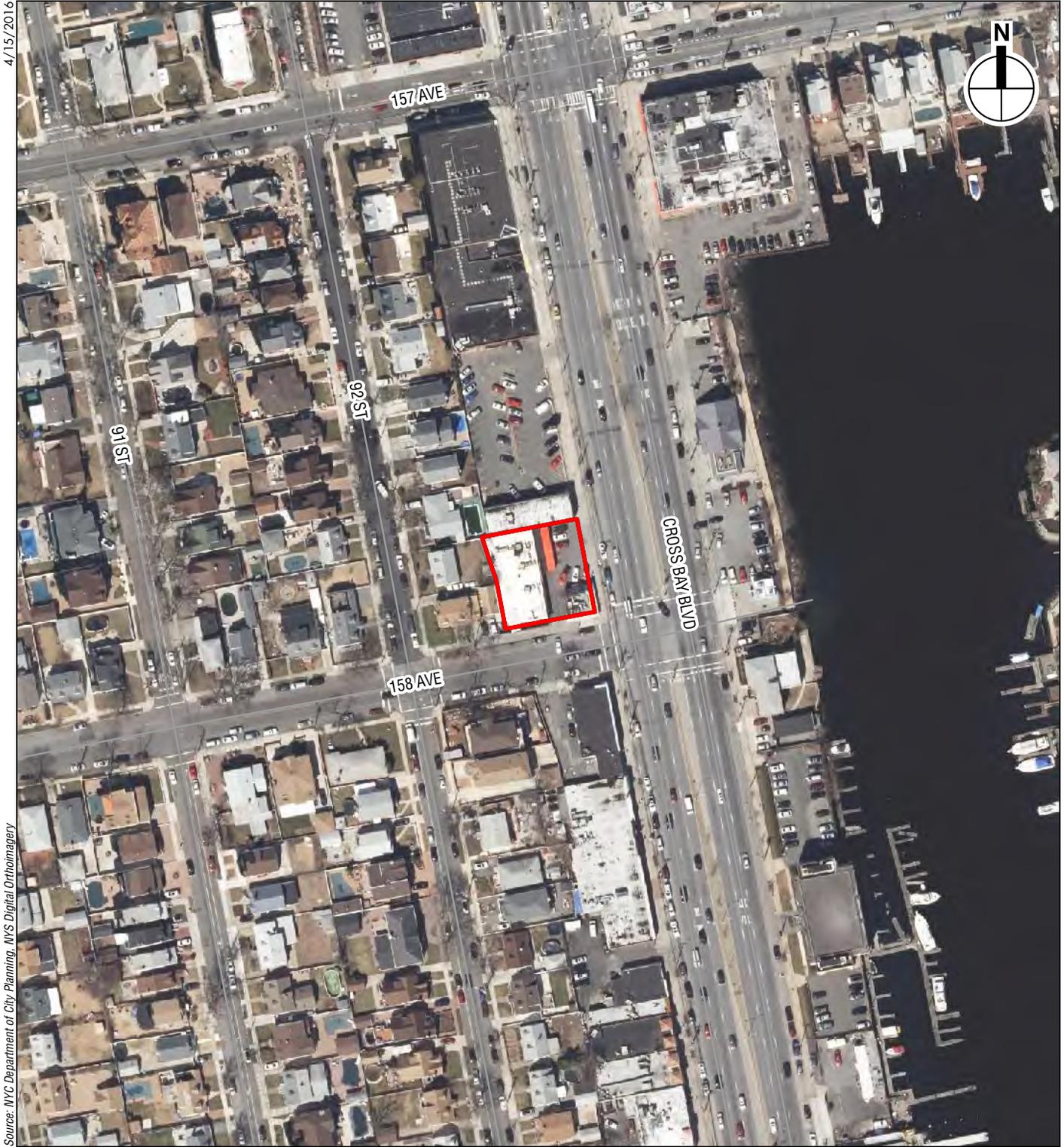
 Subject Project Sites

 Project Sites

Figure 2R: Josephine Martire / Lenny's Pizza
EDC RISE - NYC: NYC Daylighting

EDC Rise
Project Sites

4/15/2016



Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

 Subject Project Sites

 Project Sites

**Figure 2S: Jo-Le Holding Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



- Subject Project Sites
- Project Sites

**Figure 2T: Ritman Realty Corp.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016

Source: NYC Department of City Planning, NYS Digital Orthoimagery



0 320 FEET

- Subject Project Sites
- Project Sites

Figure 2U: Jihe Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
Project Sites

4/15/2016

Source: NYC Department of City Planning, NYS Digital Orthoimagery



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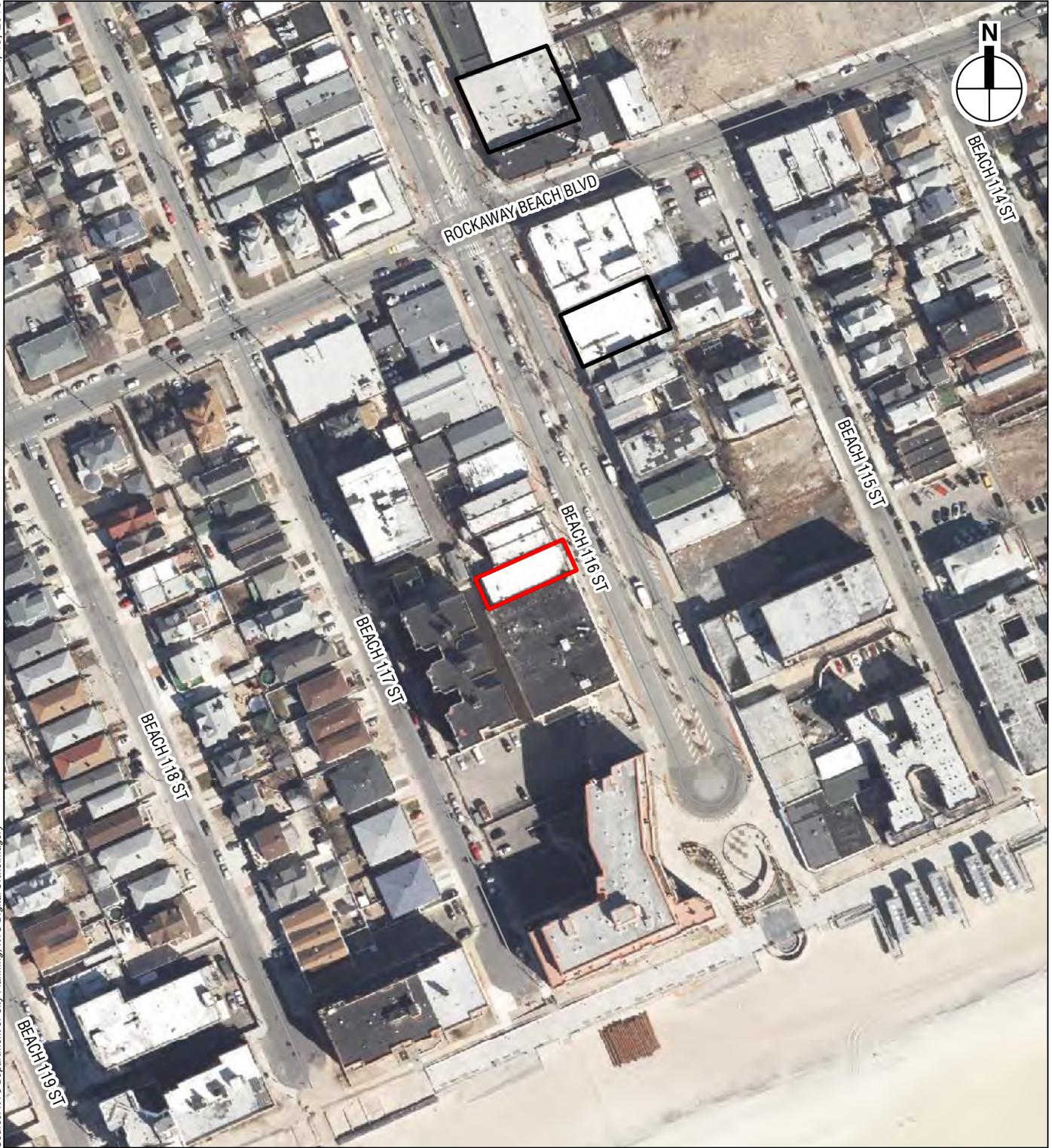
- Subject Project Sites*
- Project Sites*

**Figure 2V: FWS Realty LLC
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites

4/15/2016

Source: NYC Department of City Planning, NYS Digital Orthoimagery



0 320 FEET

 A horizontal scale bar with a vertical tick at the 0 mark and another at the 320 FEET mark.

- Subject Project Sites
- Project Sites

**Figure 2W:Arka Investors, Inc.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



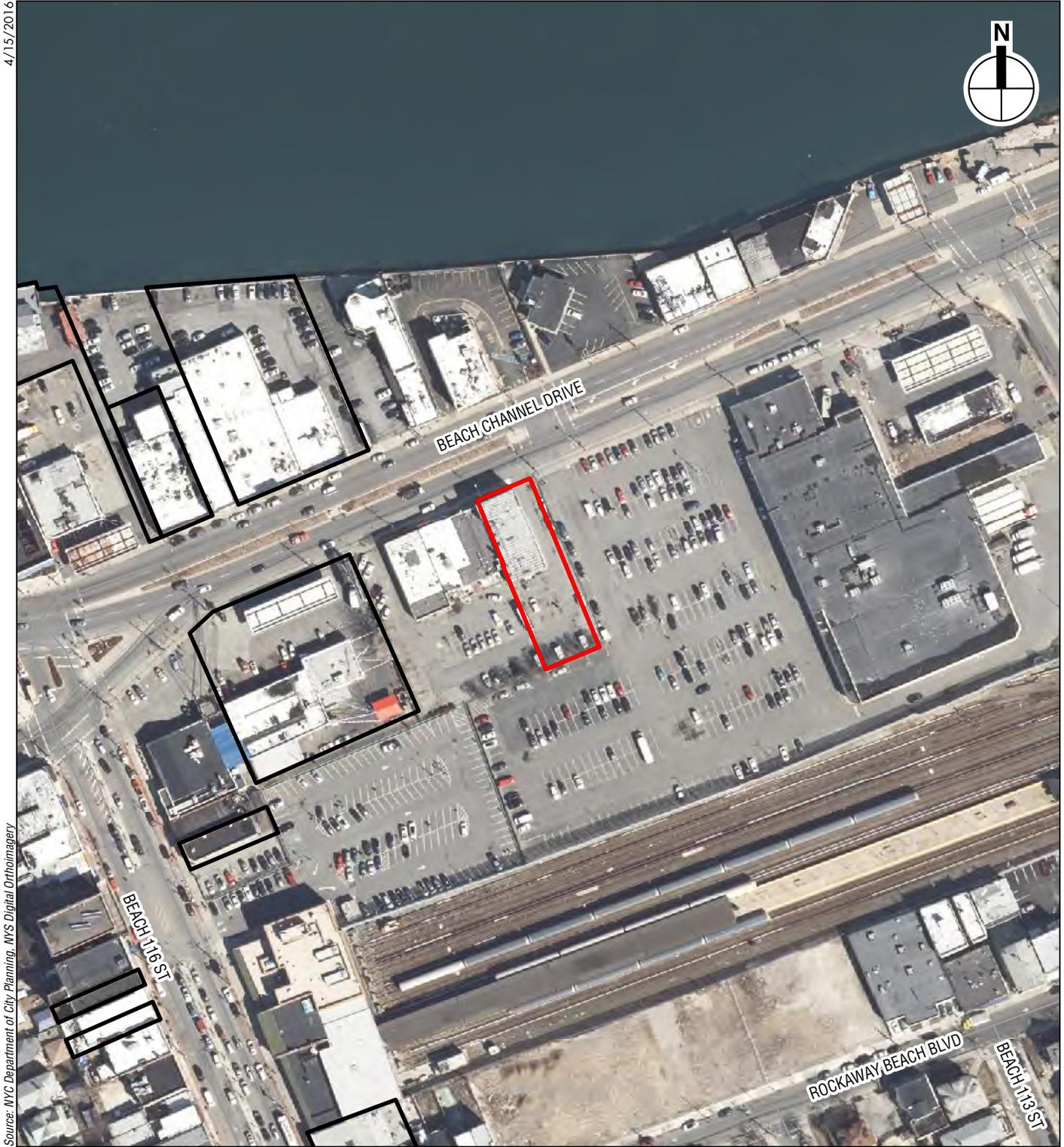
Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 360 FEET

-  Subject Project Sites
-  Project Sites

**Figure 2X: Rian Realty LLC
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



Source: NYC Department of City Planning, NYS Digital Orthoimagery

0 320 FEET

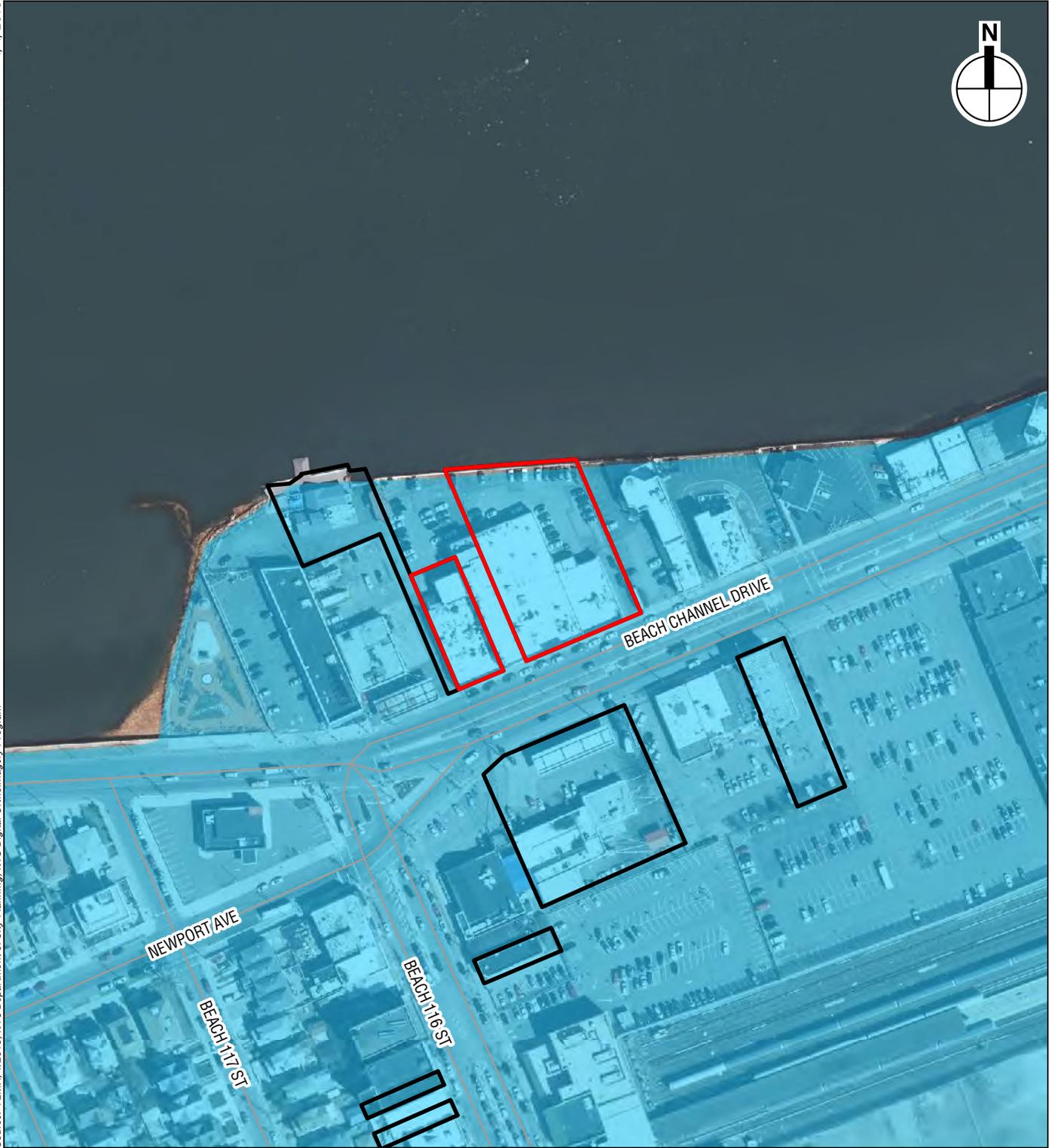
- Subject Project Sites
- Project Sites

**Figure 2Y: Channel Realty Co.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
Project Sites



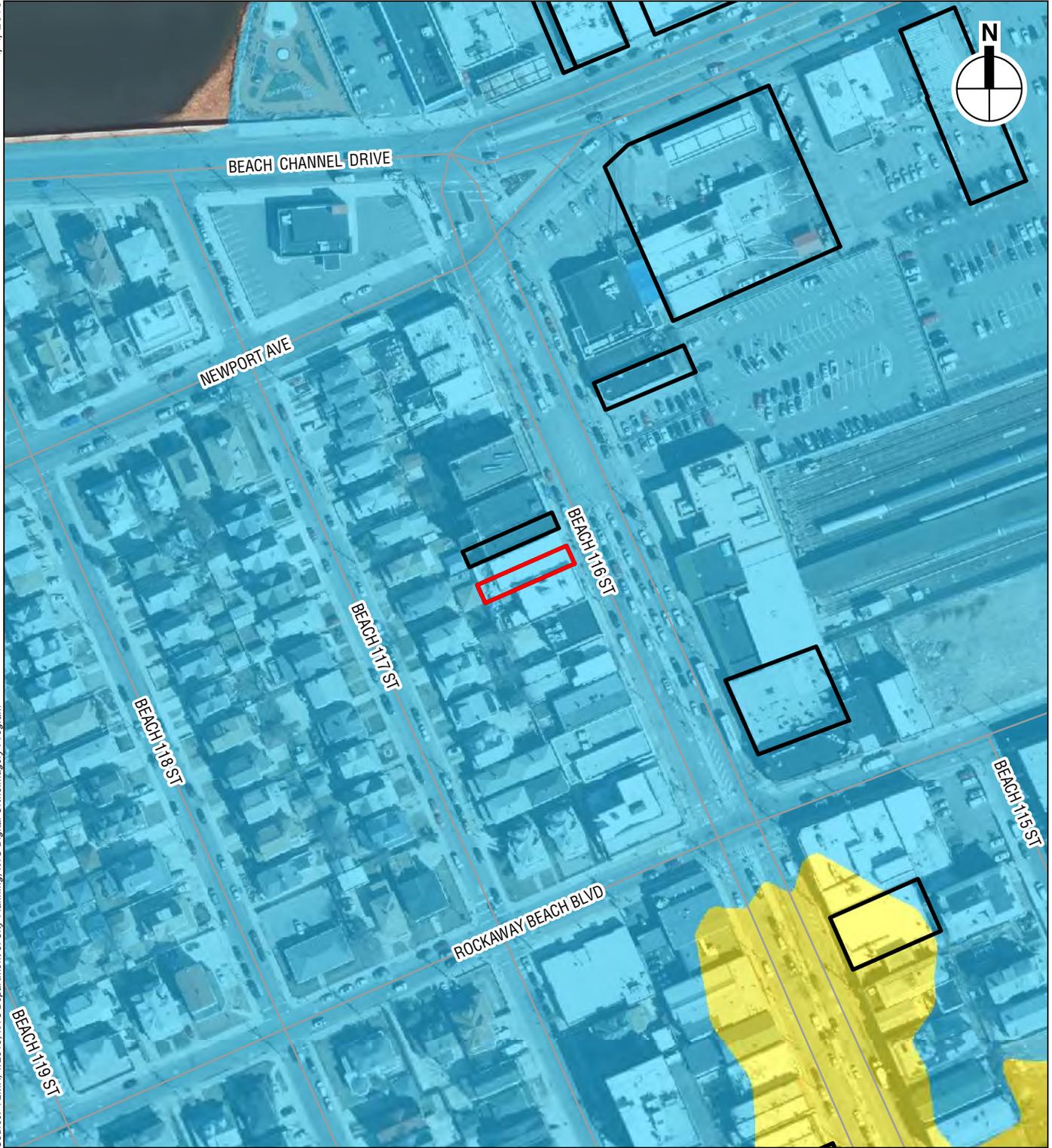
Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3A: Beach Channel Drive Realty / Patrick O'Rourke Realty
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



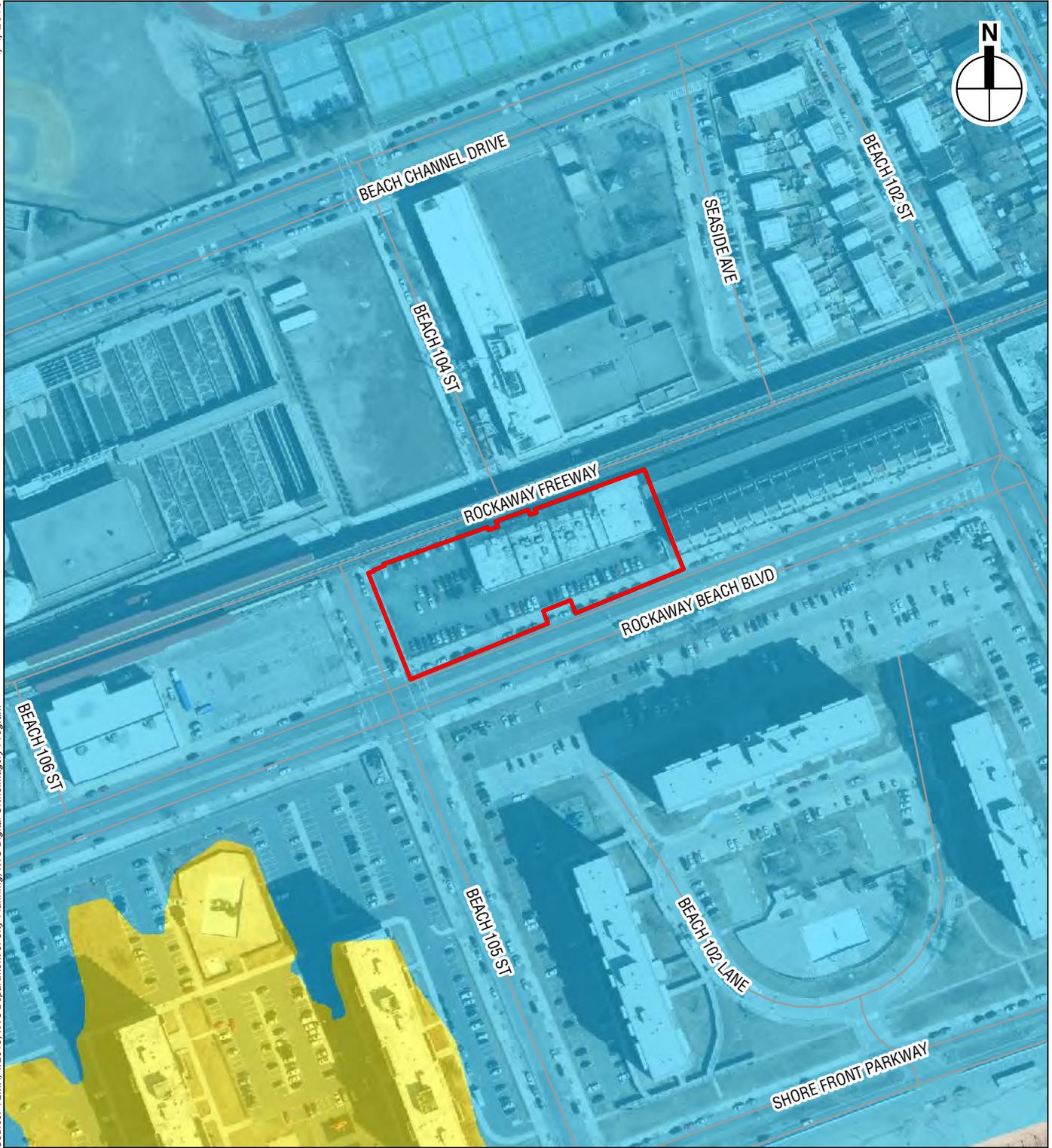
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3B: Elizabeth Hanna / E&N Hardware
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3C: M & R Rockaway
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



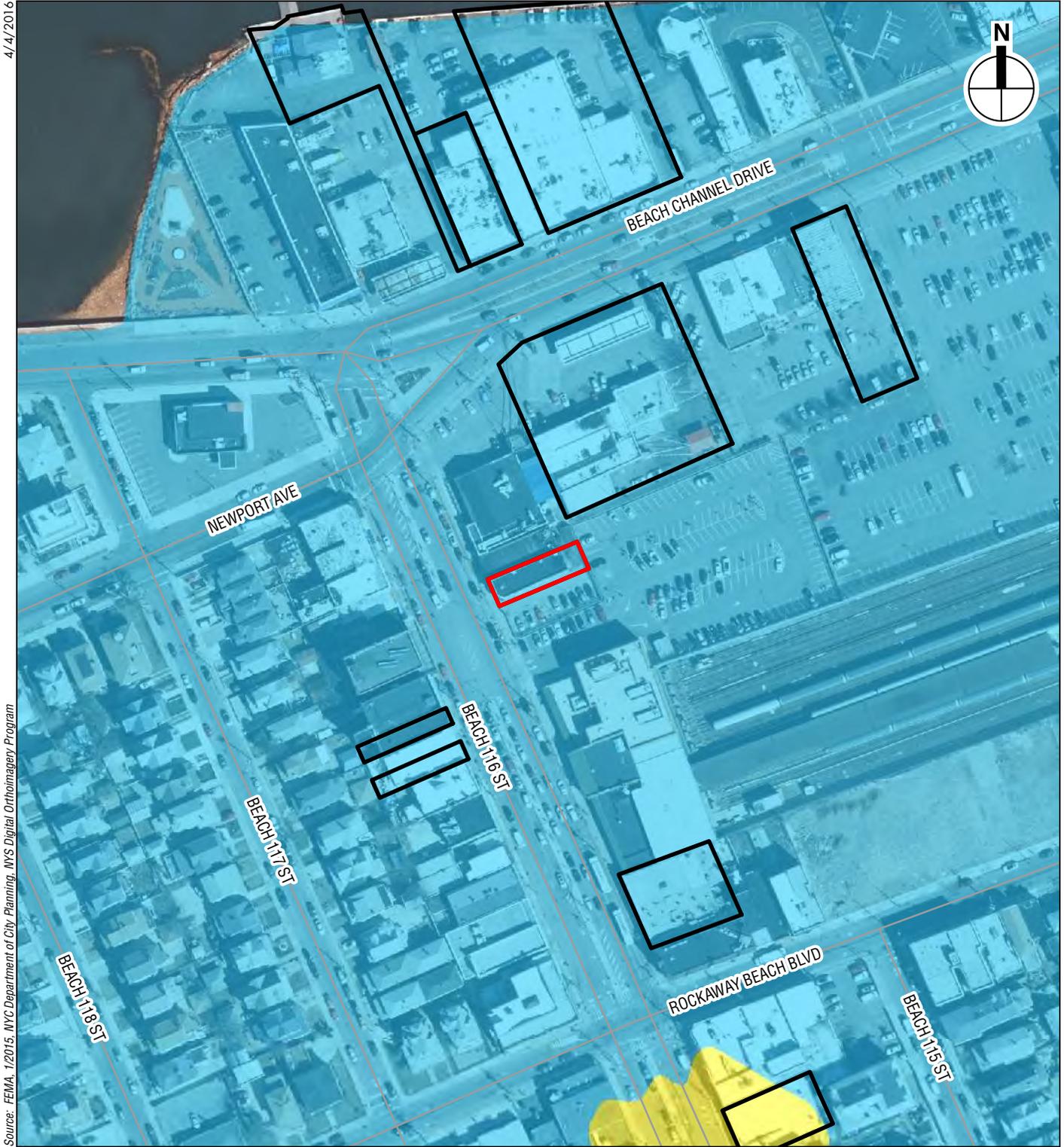
Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Breezy Point Businesses
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3D: Breezy Point Cooperative
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program

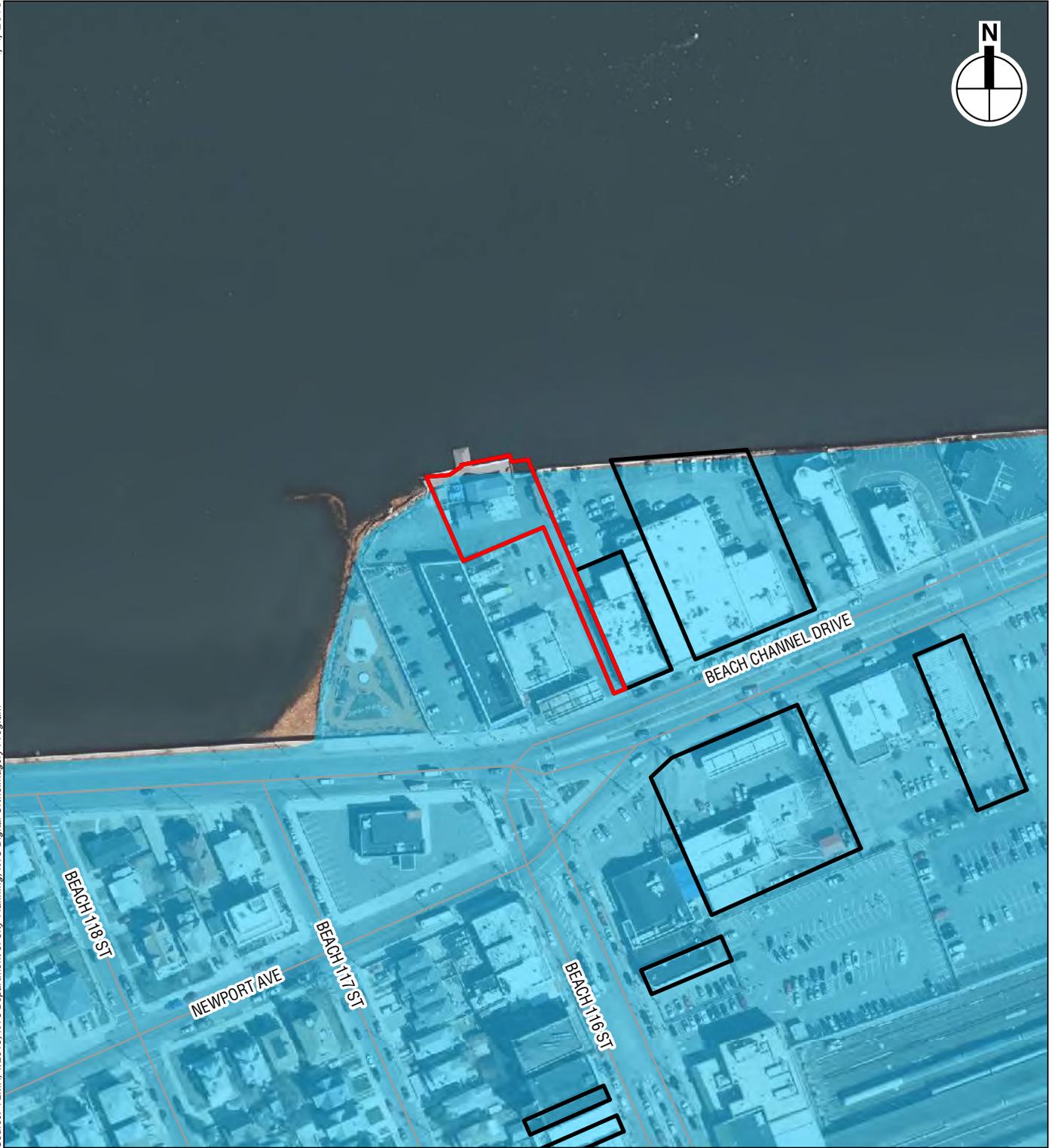
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3E: Tom Hughes / BINK Realty
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



-  Subject Project Sites
-  Project Sites
-  100-Year Flood Hazard Area
-  500-Year Flood Hazard Area

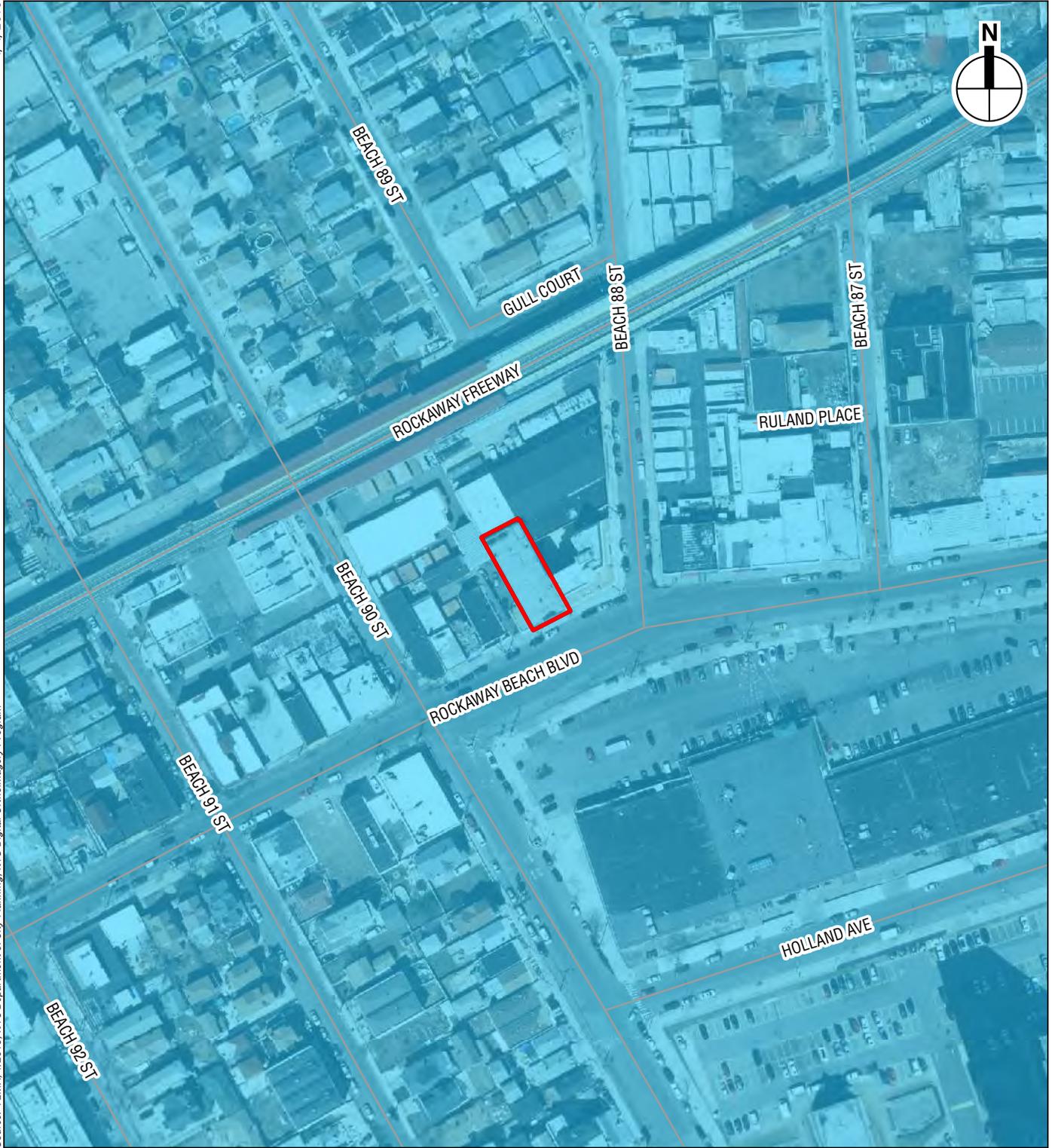
Figure 3F: Robert Leckie / 416 Beach 116th Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016



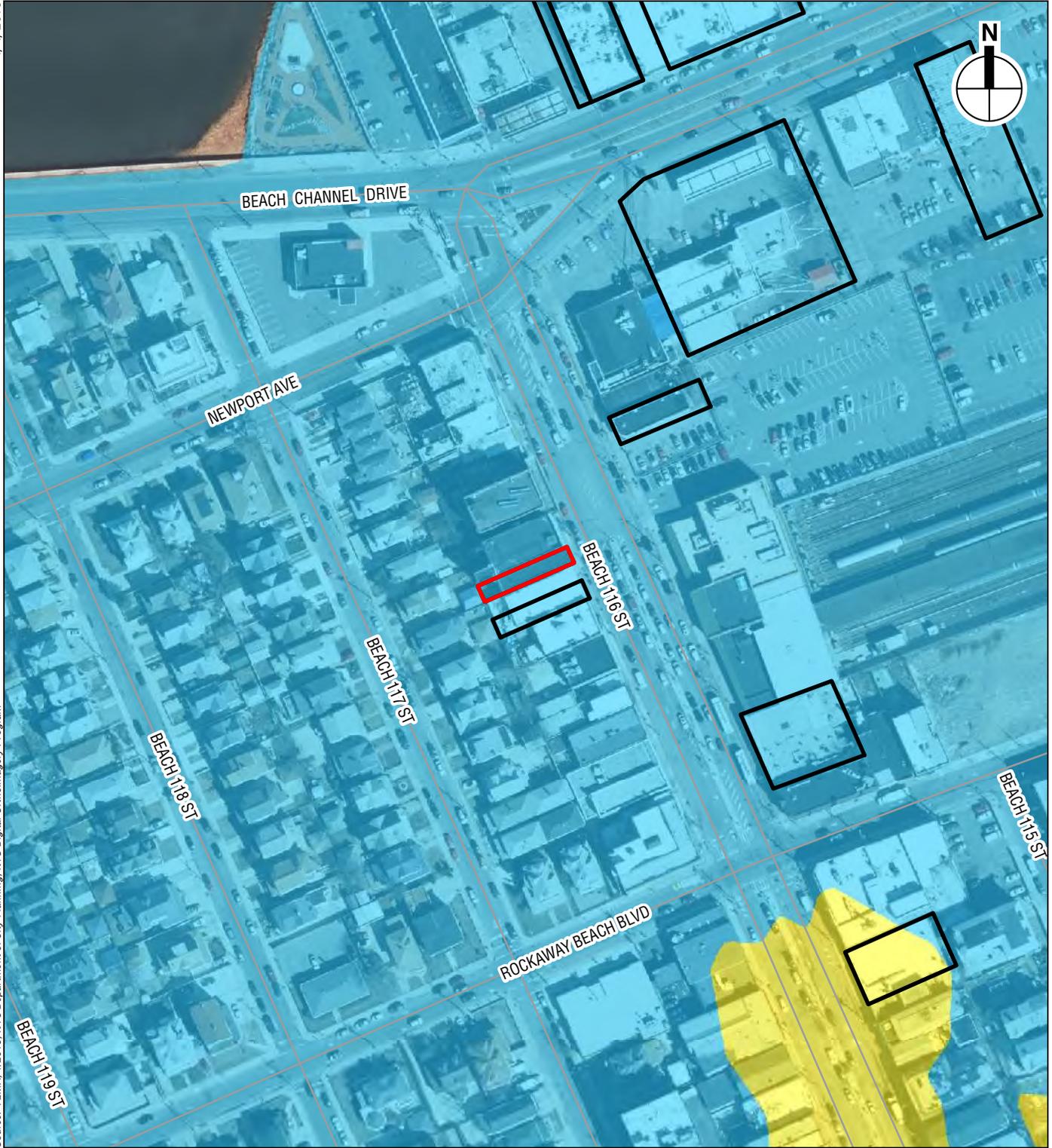
Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



-  Subject Project Sites
-  Project Sites
-  100-Year Flood Hazard Area
-  500-Year Flood Hazard Area

Figure 3G: Susan Locke / Wave Build Inc.
EDC RISE - NYC: NYC Daylighting

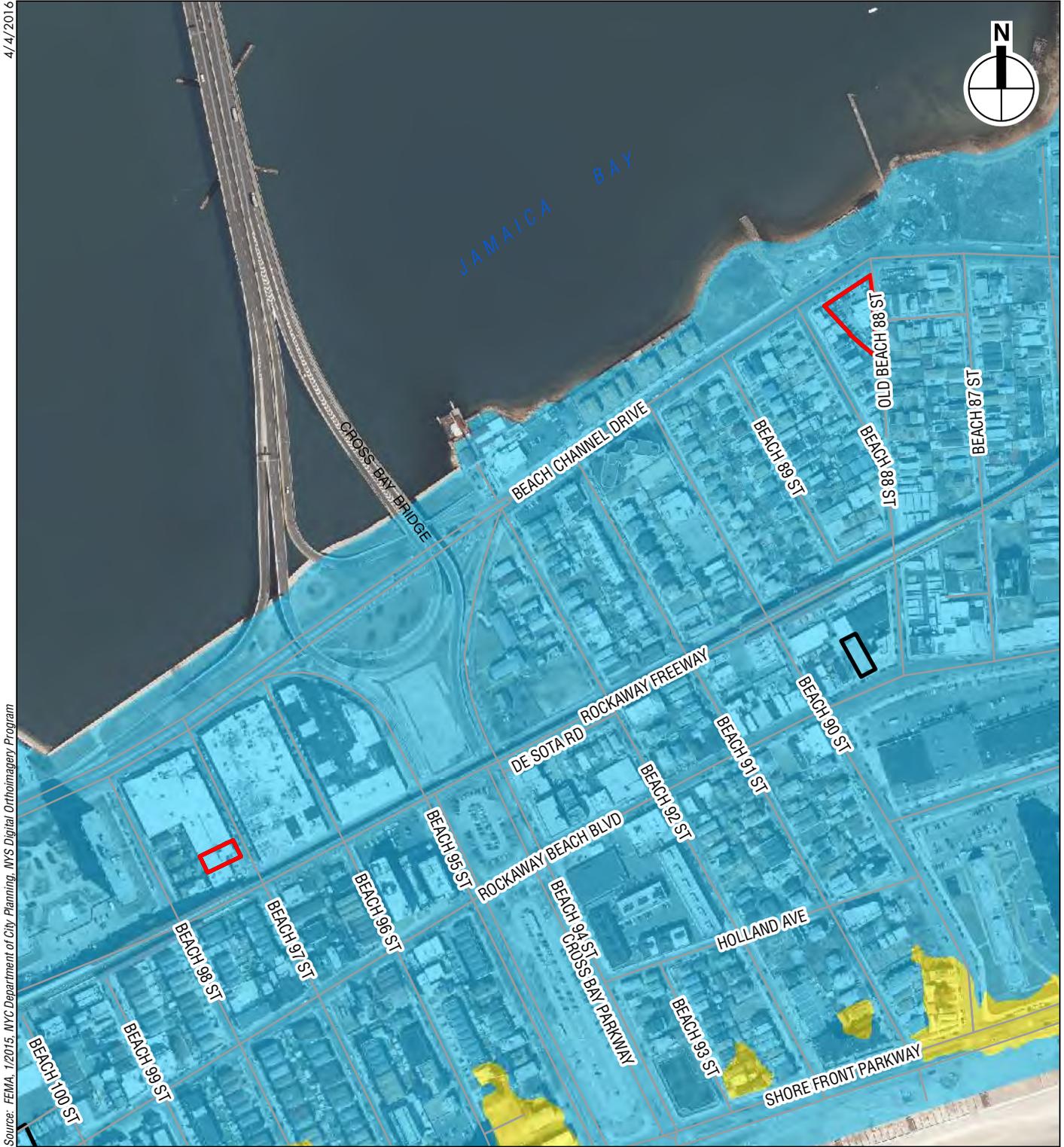
EDC Rise
 Flood Hazard Areas (2015 pFIRM)



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3H: Daniel Mirkin / 253 Beach 116 Owners LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program

- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

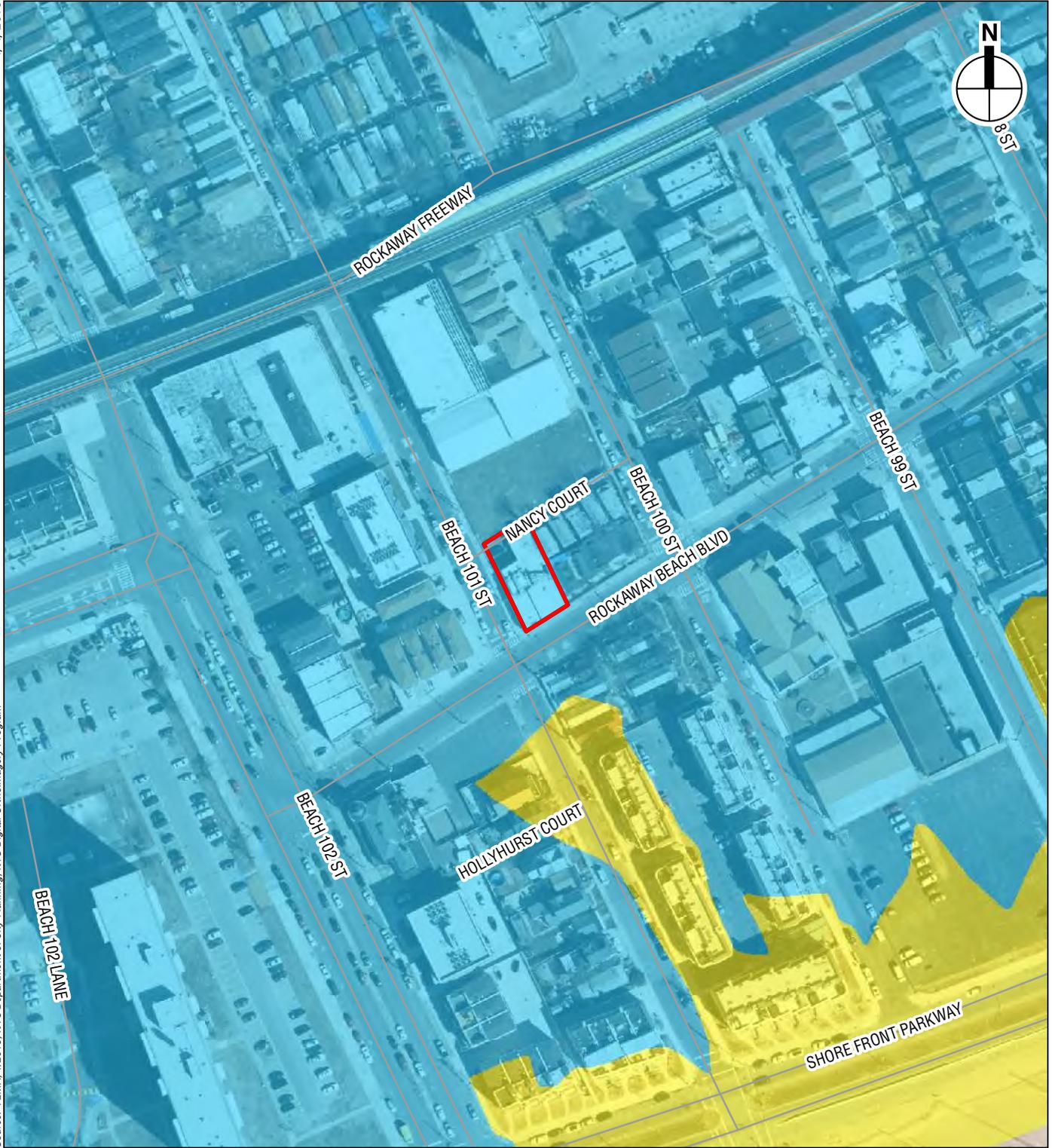
Figure 3I: Bryan Bernarth / Bryan's Auto
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



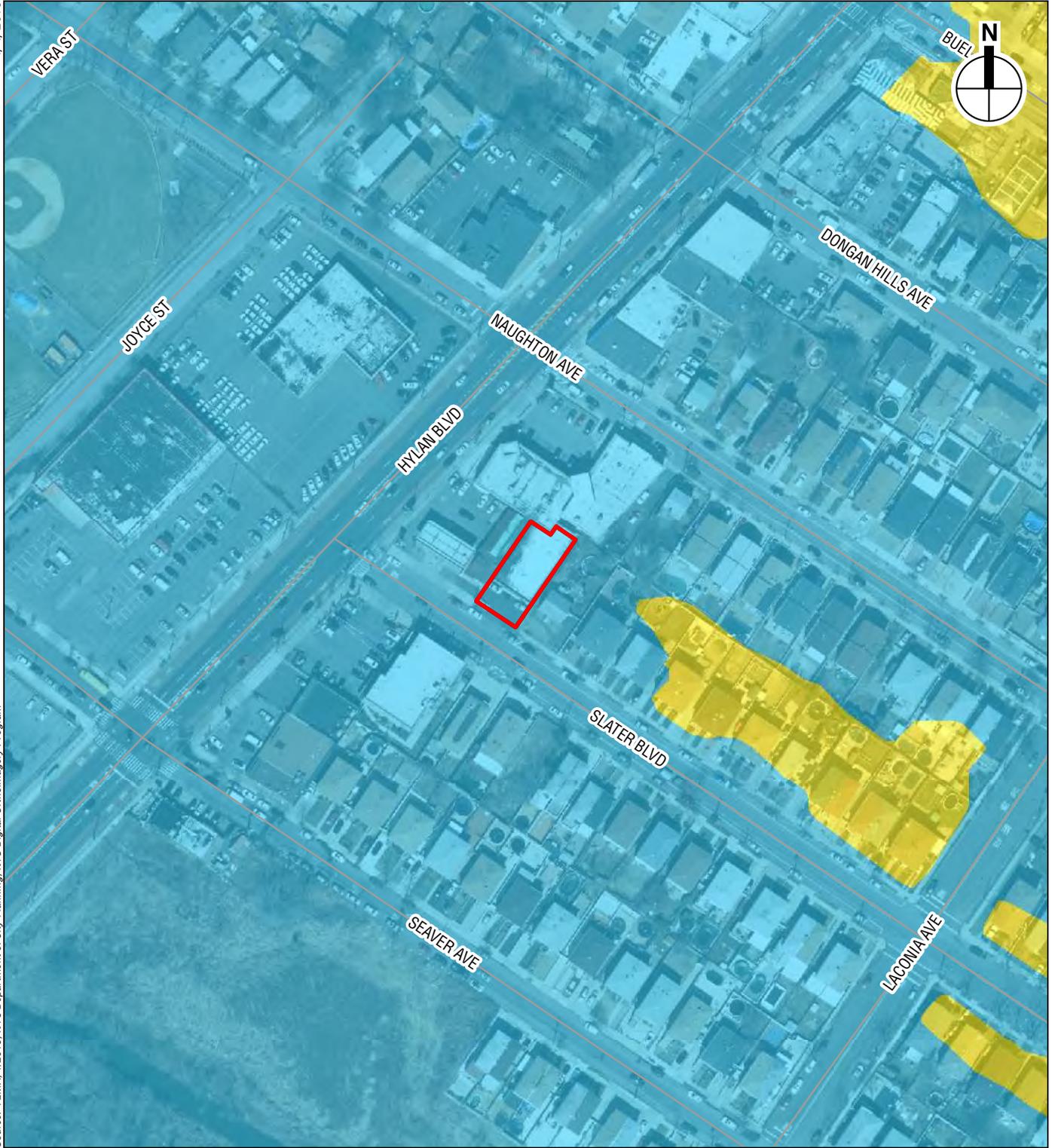
-  Subject Project Sites
-  Project Sites
-  100-Year Flood Hazard Area
-  500-Year Flood Hazard Area

Figure 3J: 101 Deli Corp
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016

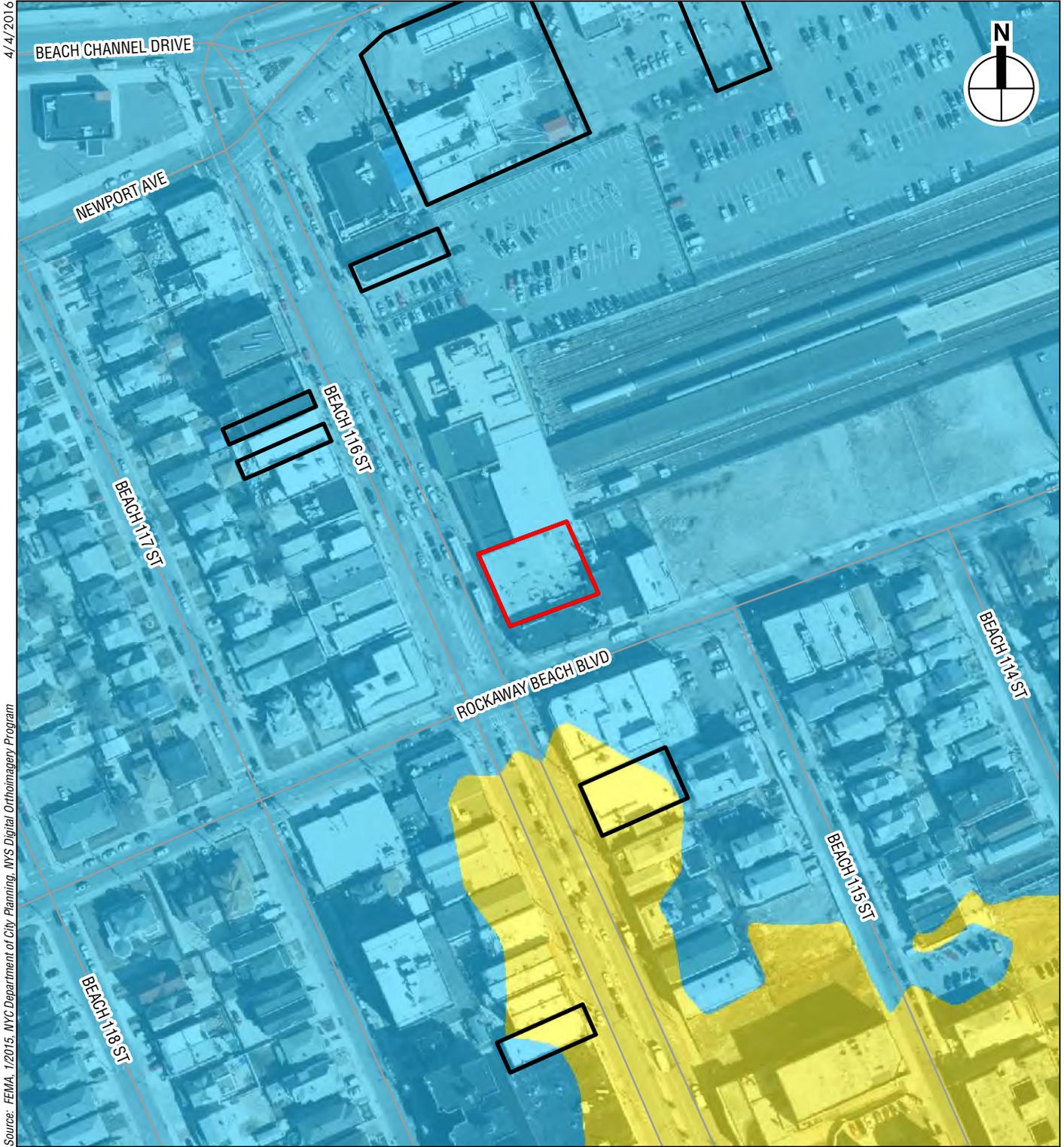
Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3K: Robert Brianna Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



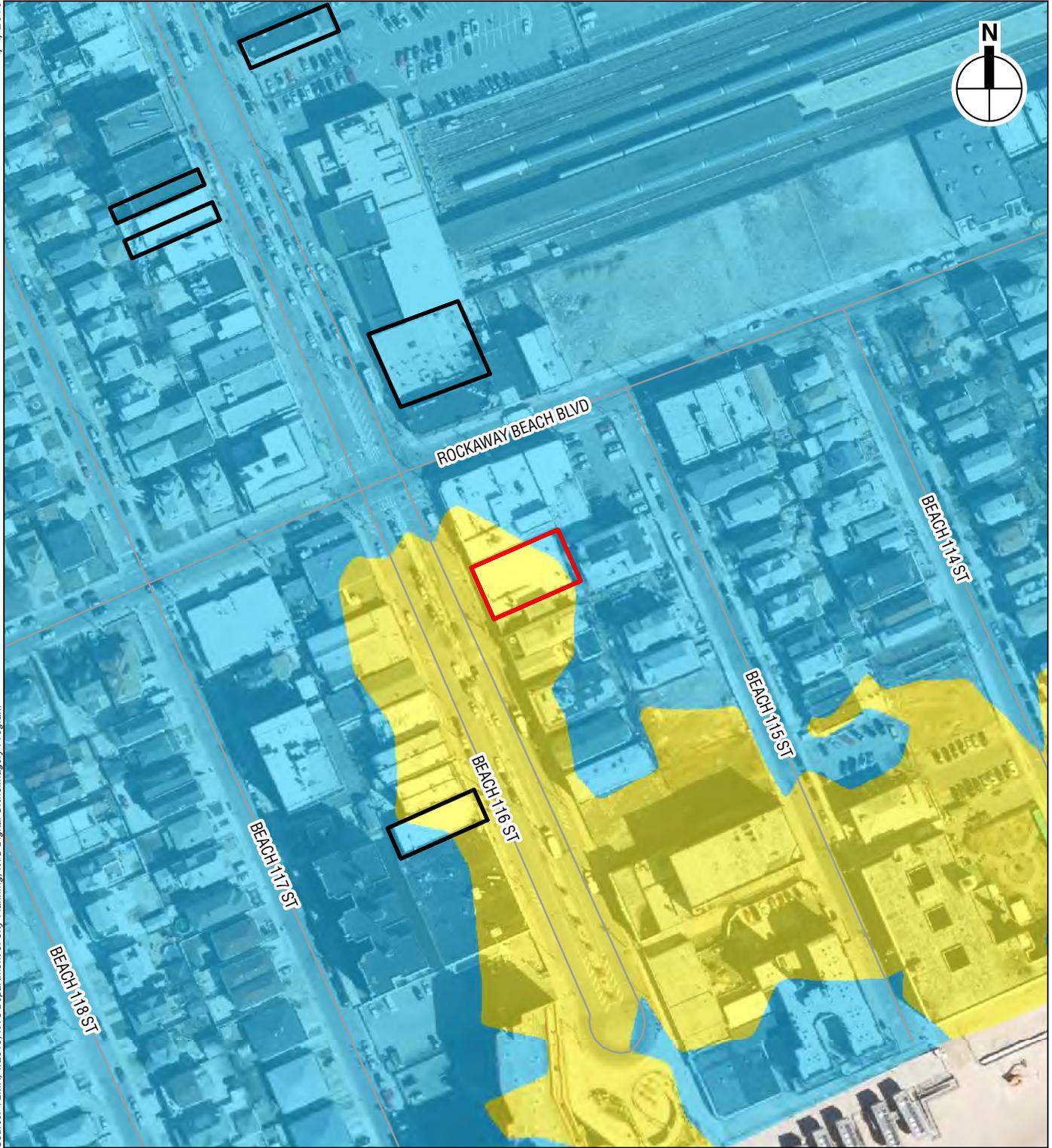
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3L: Makai 116, LLC
EDC RISE - NYC: NYC Daylighting

4/14/2016



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program

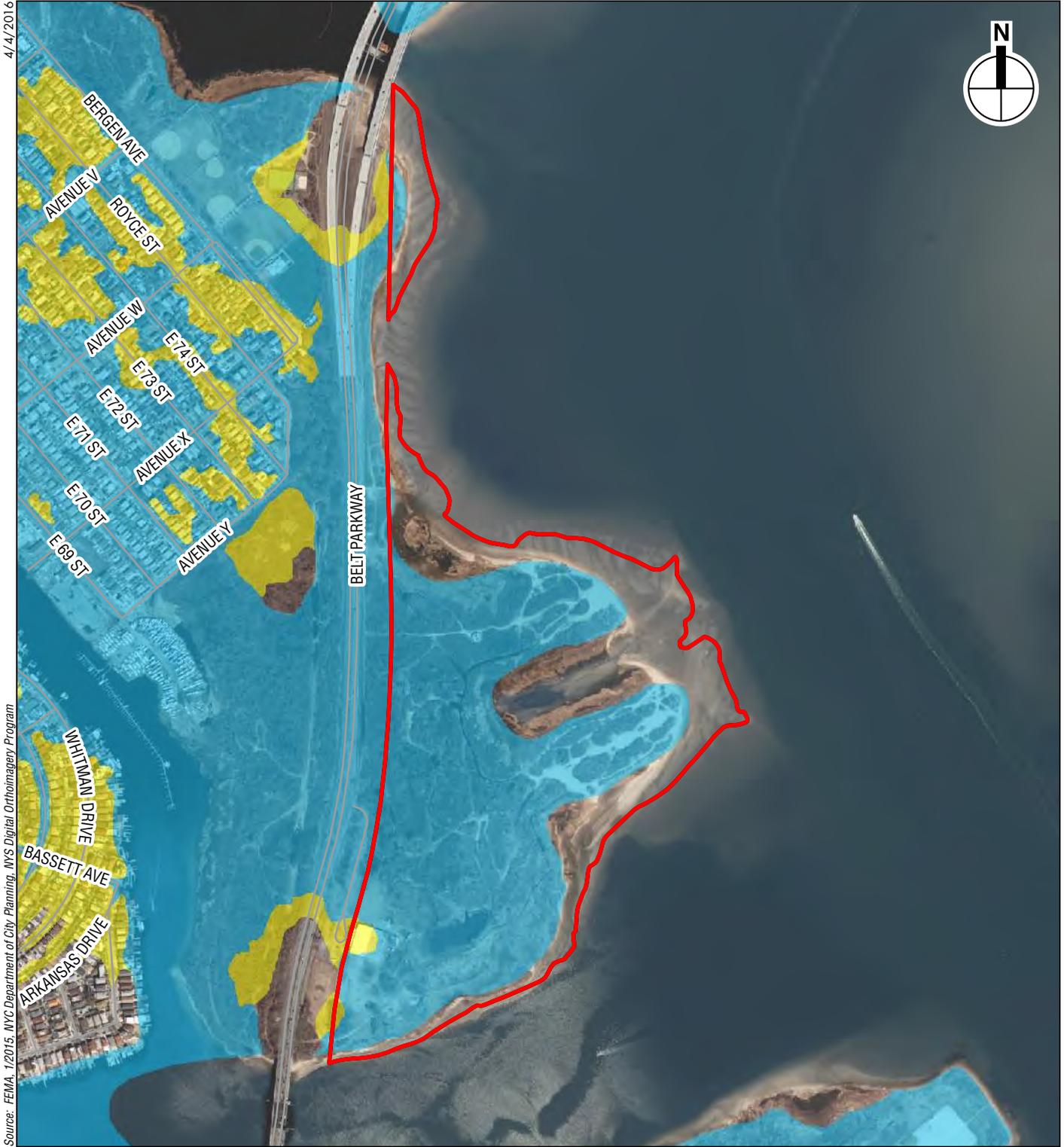


-  Subject Project Sites
-  Project Sites
-  100-Year Flood Hazard Area
-  500-Year Flood Hazard Area

Figure 3M: Elms Realty, LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016

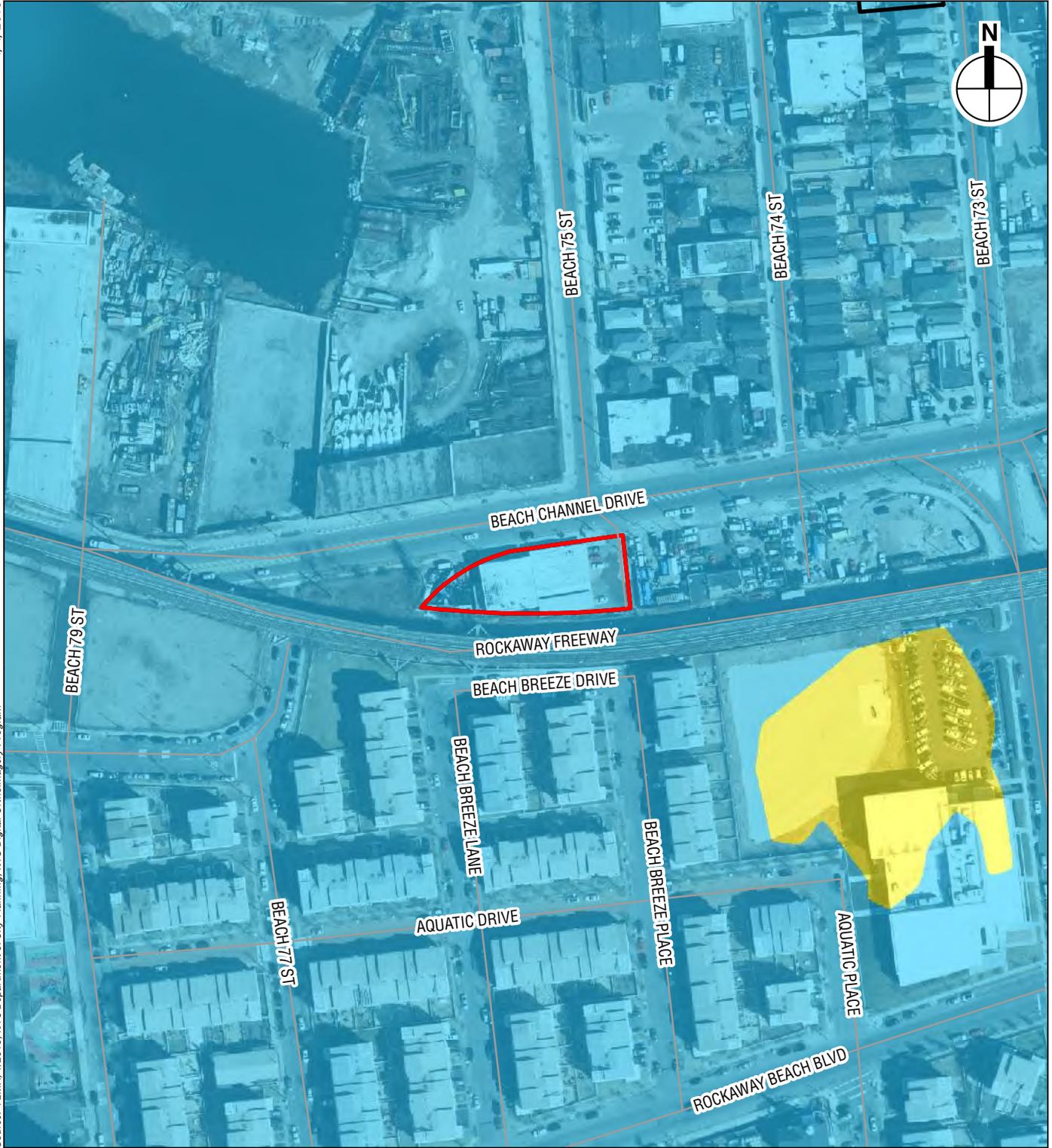


Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program

- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3N: Jamaica Bay Riding Academy
EDC RISE - NYC: NYC Daylighting

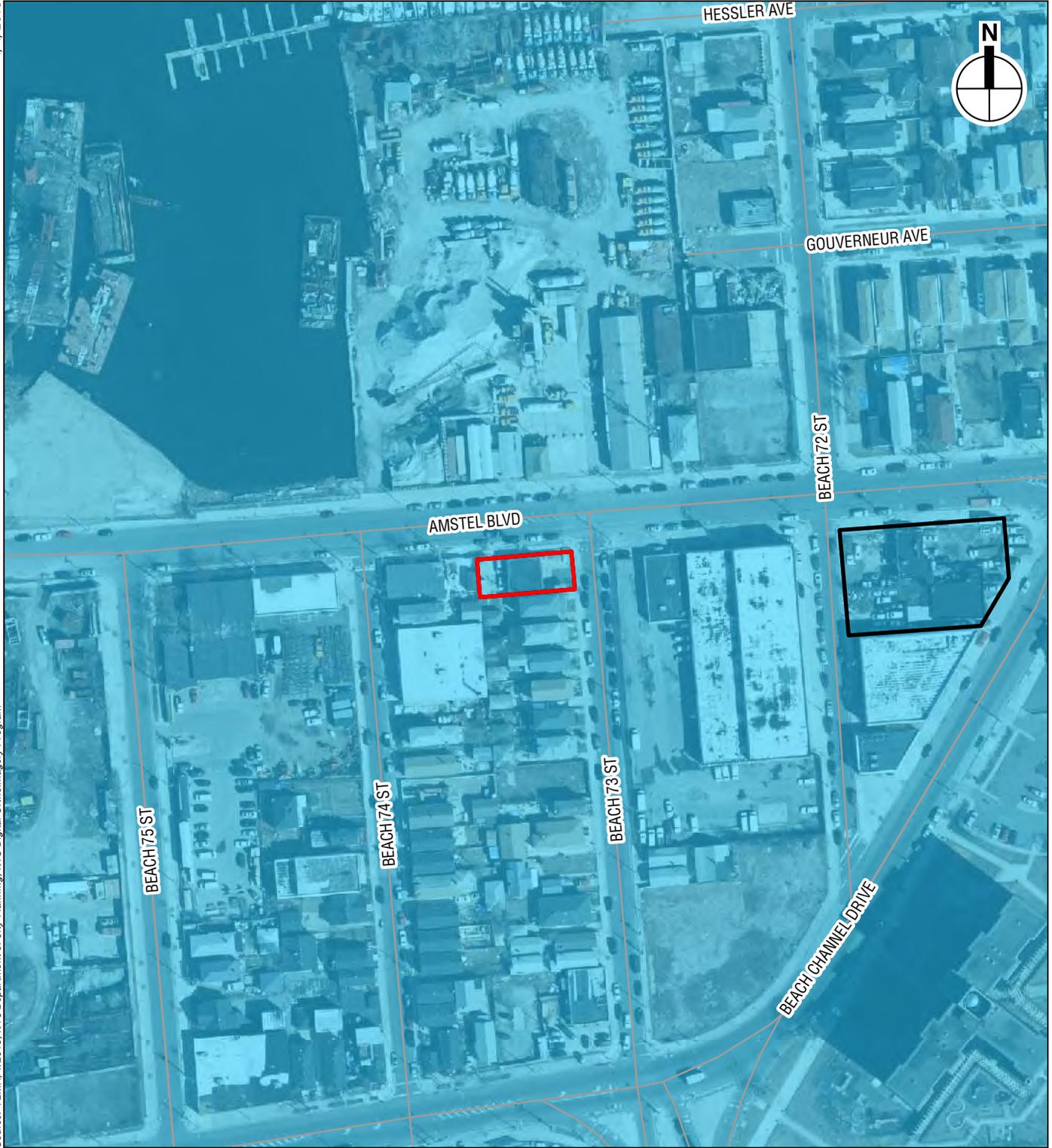
EDC Rise
 Flood Hazard Areas (2015 pFIRM)



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 30: 7302 Beach Channel Dr. Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



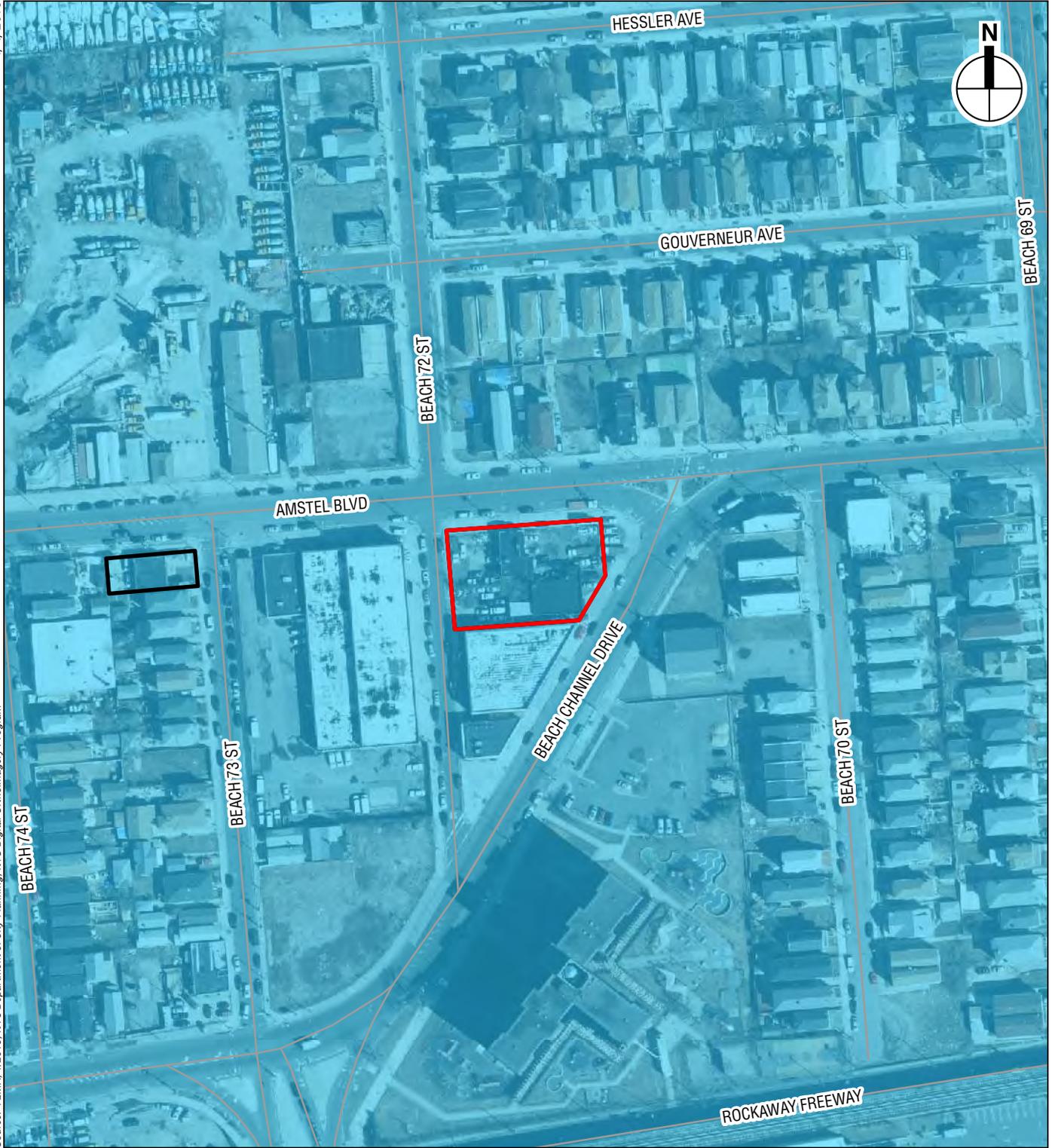
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3P: Nick Velardi's Service Station Inc.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/4/2016

Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3Q: Koufos Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



-  Subject Project Sites
-  Project Sites
-  100-Year Flood Hazard Area
-  500-Year Flood Hazard Area

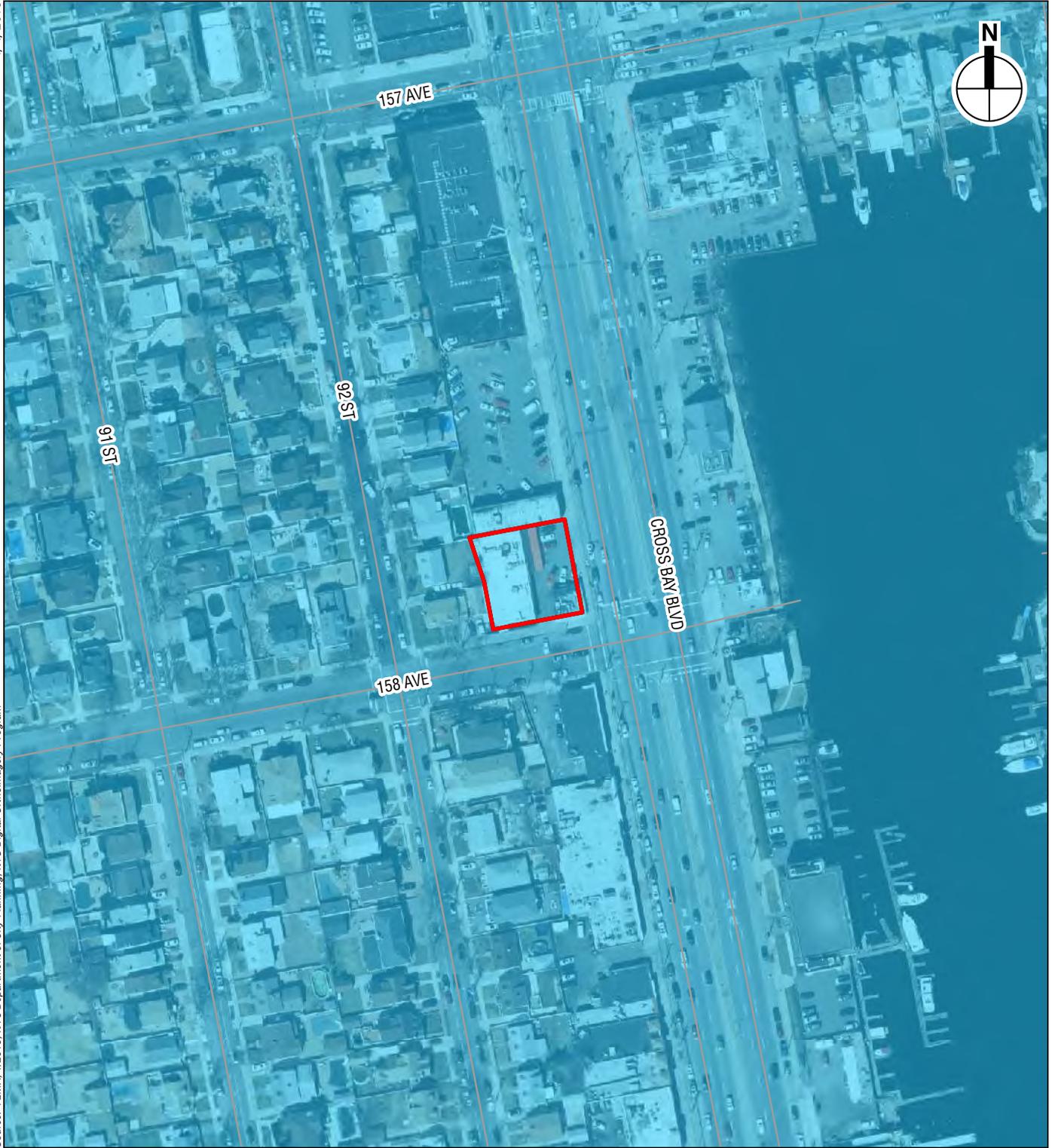
Figure 3R: Josephine Martire / Lenny's Pizza
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



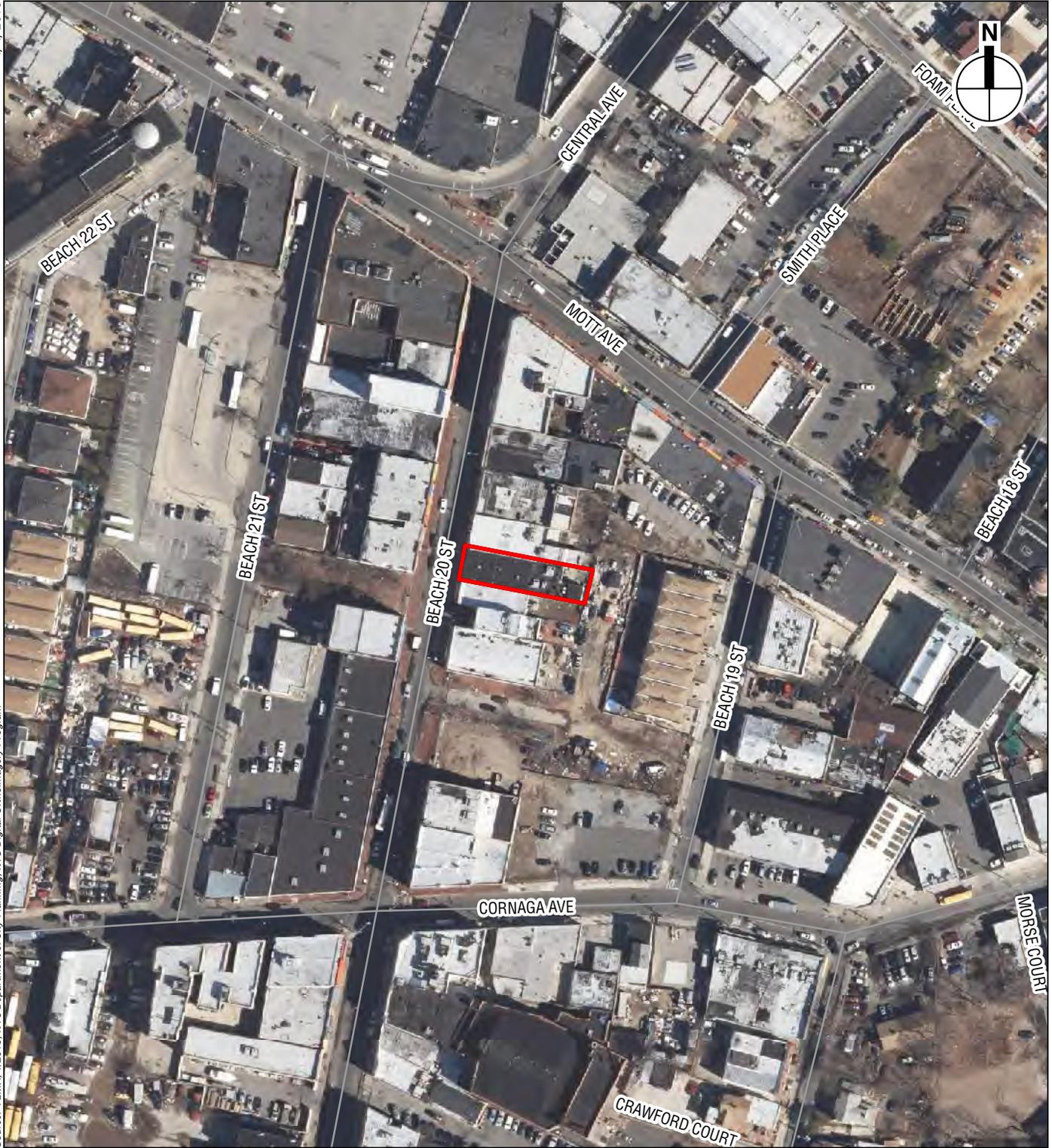
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3S: Jo-Le Holding Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/4/2016

Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3T: Ritman Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016

Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3U: Jihe Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/4/2016



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



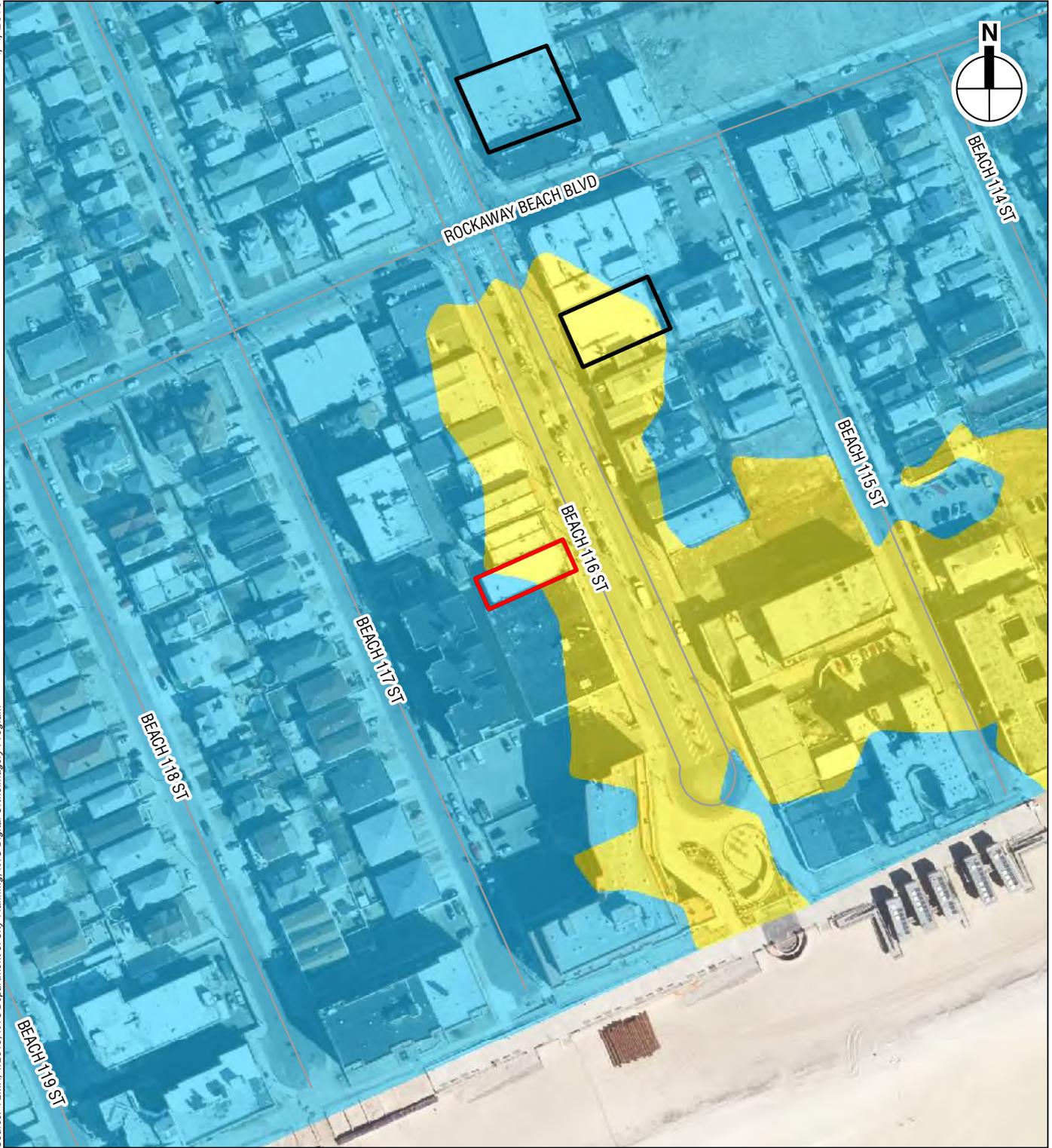
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3V: FWS Realty LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)

4/14/2016

Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3W: Arka Investors, Inc.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



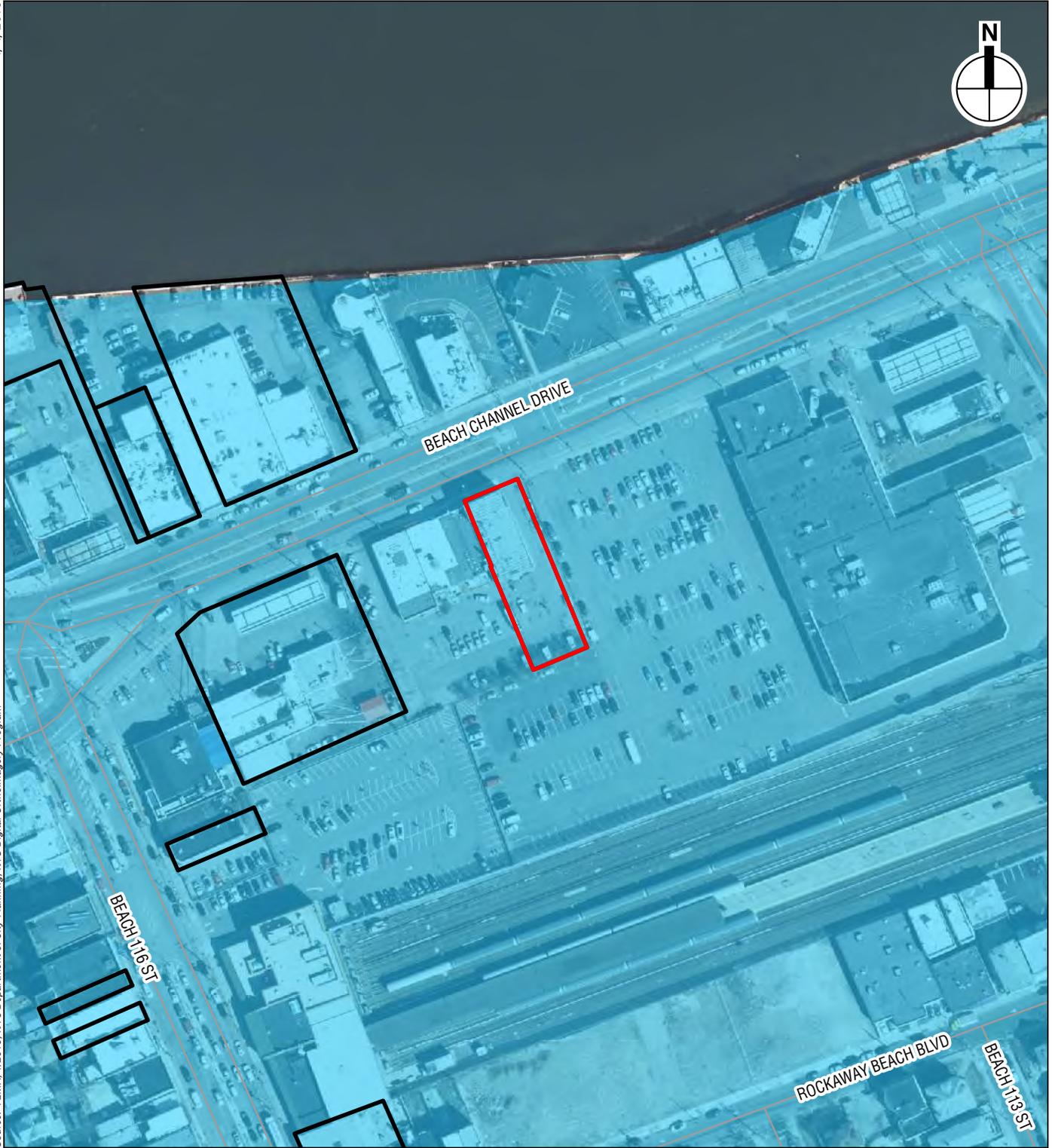
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3X: Rian Realty LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: FEMA, 1/2015, NYC Department of City Planning, NYS Digital Orthoimagery Program



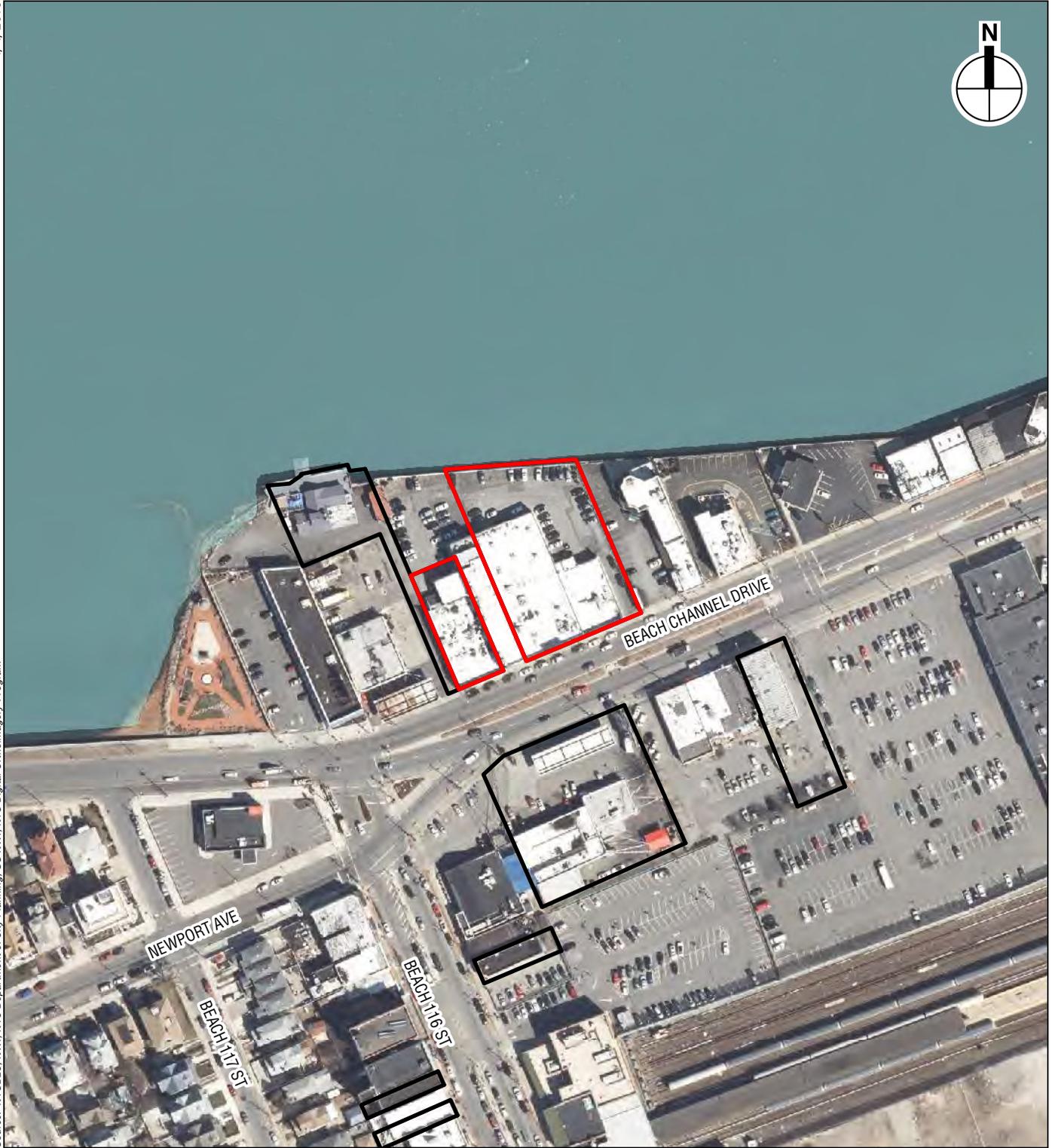
- Subject Project Sites
- Project Sites
- 100-Year Flood Hazard Area
- 500-Year Flood Hazard Area

Figure 3Y: Channel Realty Co.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 Flood Hazard Areas (2015 pFIRM)



Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



0 380 FEET

-  Subject Project Sites
-  Project Sites
-  Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
-  Fresh Marsh
 -  High Marsh
 -  Intertidal Marsh
 -  Littoral Zone
 -  Coastal Shoals, Bars and Mudflats

Figure 4A: Beach Channel Drive Realty / Patrick O'Rourke Realty
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands

4/4/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



Figure 4B: Elizabeth Hanna / E&N Hardware
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoregistry Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4C: M & R Rockaway
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

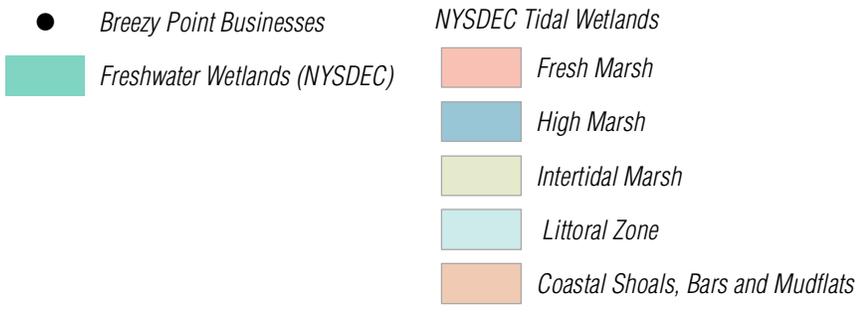


Figure 4D: Breezy Point Cooperative
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

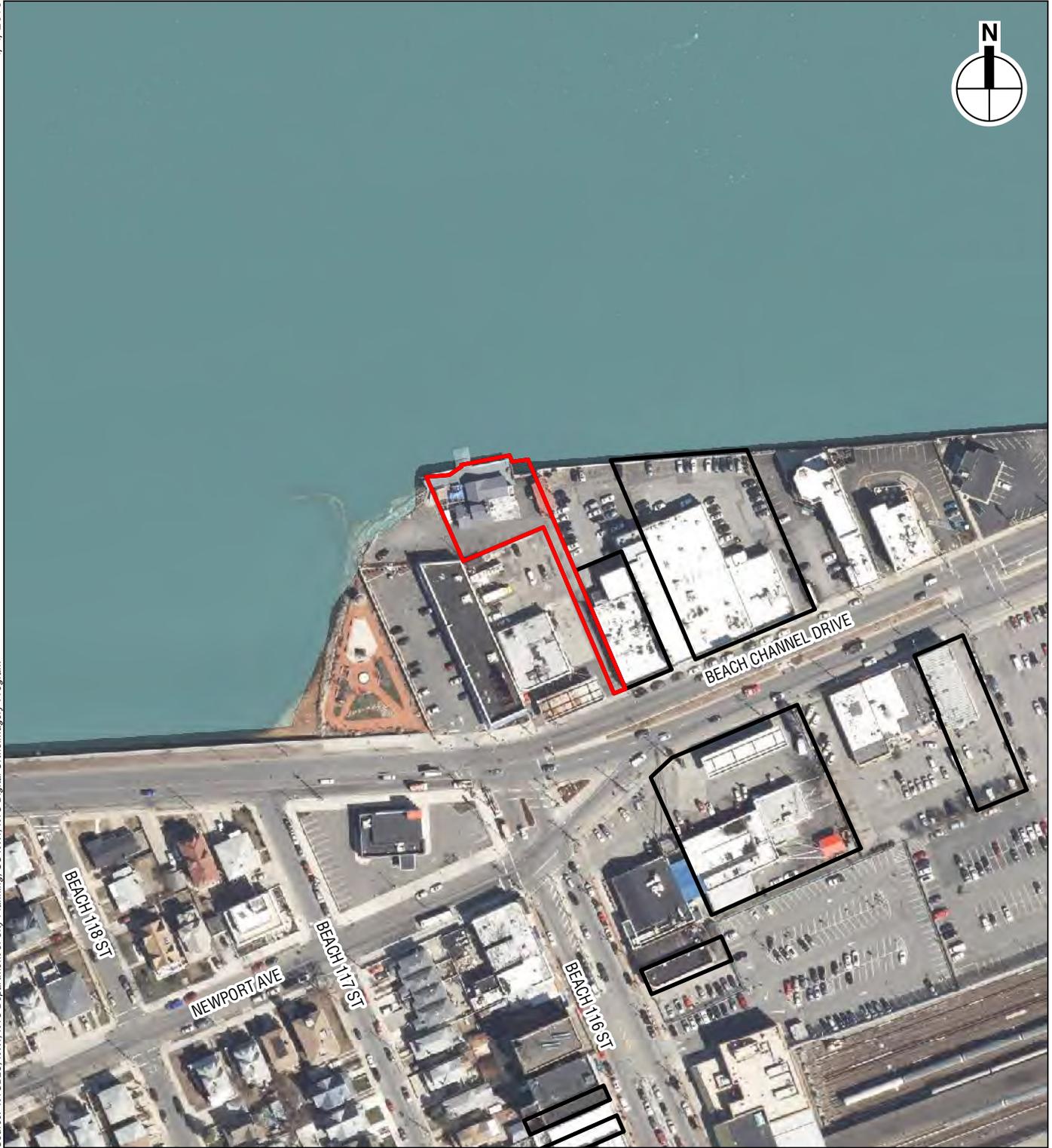


Figure 4E: Tom Hughes / BINK Realty
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands



Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



-  Subject Project Sites
-  Project Sites
-  Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
-  Fresh Marsh
 -  High Marsh
 -  Intertidal Marsh
 -  Littoral Zone
 -  Coastal Shoals, Bars and Mudflats

Figure 4F: Robert Leckie / 416 Beach 116th Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program

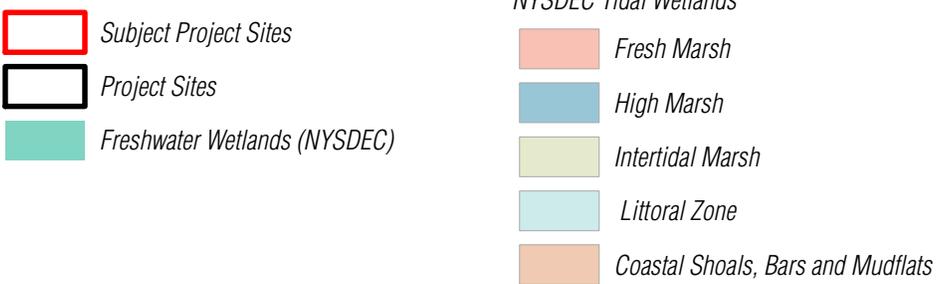
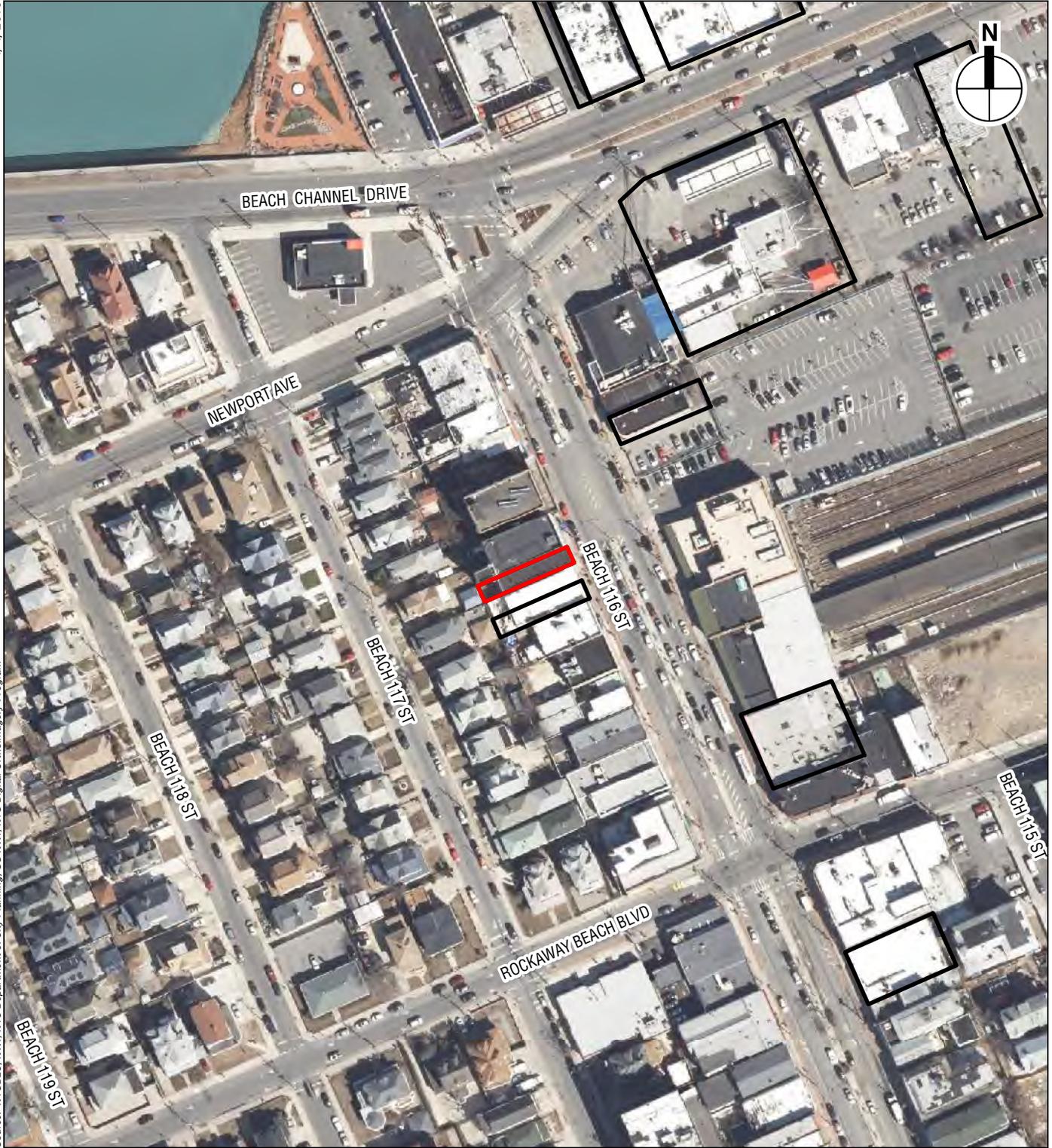


Figure 4G: Susan Locke / Wave Build Inc.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)
- NYSDEC Tidal Wetlands
 - Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4H: Daniel Mirkin / 253 Beach 116 Owners LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands



Figure 4I: Bryan Bernarth / Bryan's Auto
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

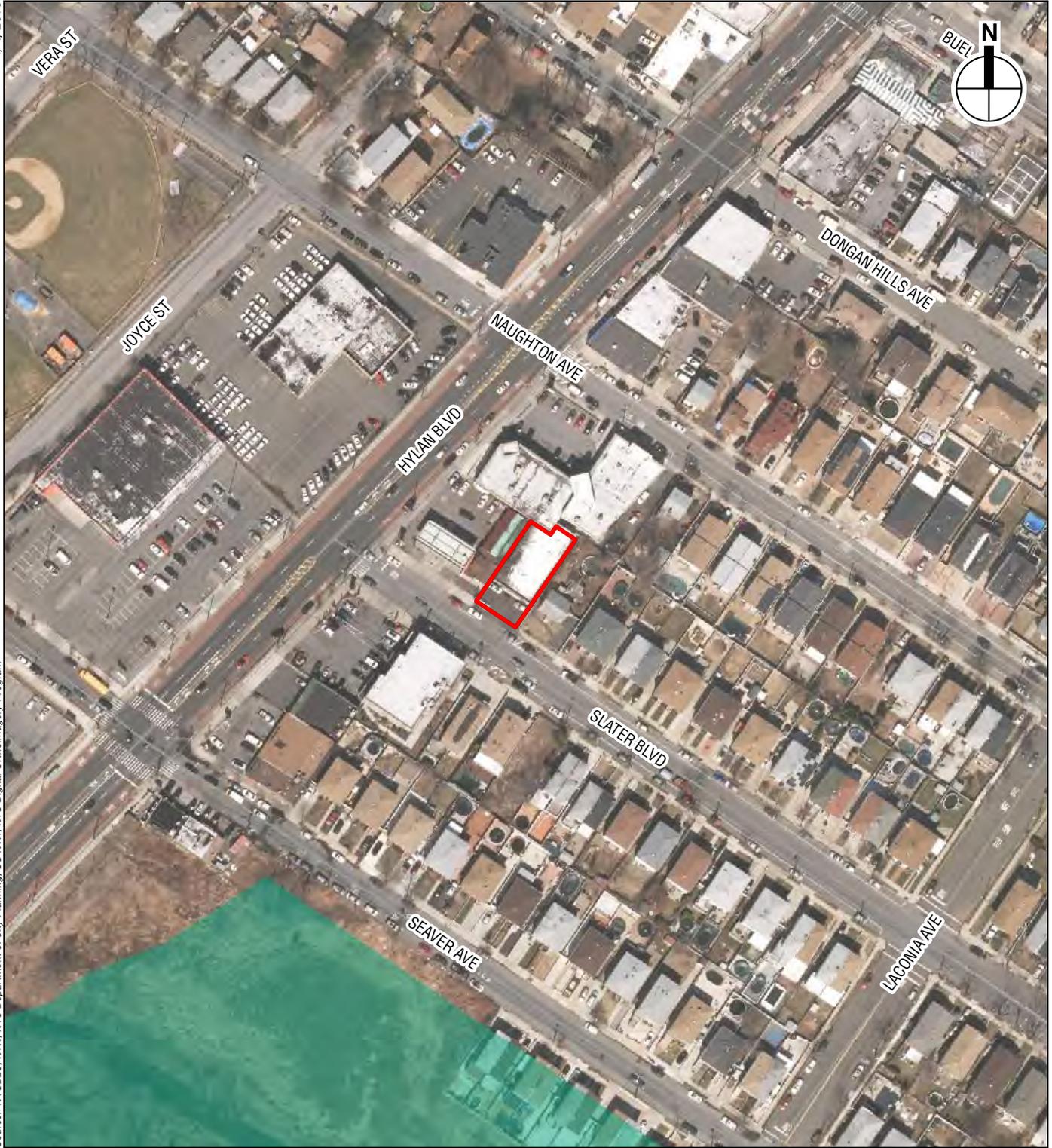
- NYSDEC Tidal Wetlands
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4J: 101 Deli Corp
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: IVSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



0 320 FEET

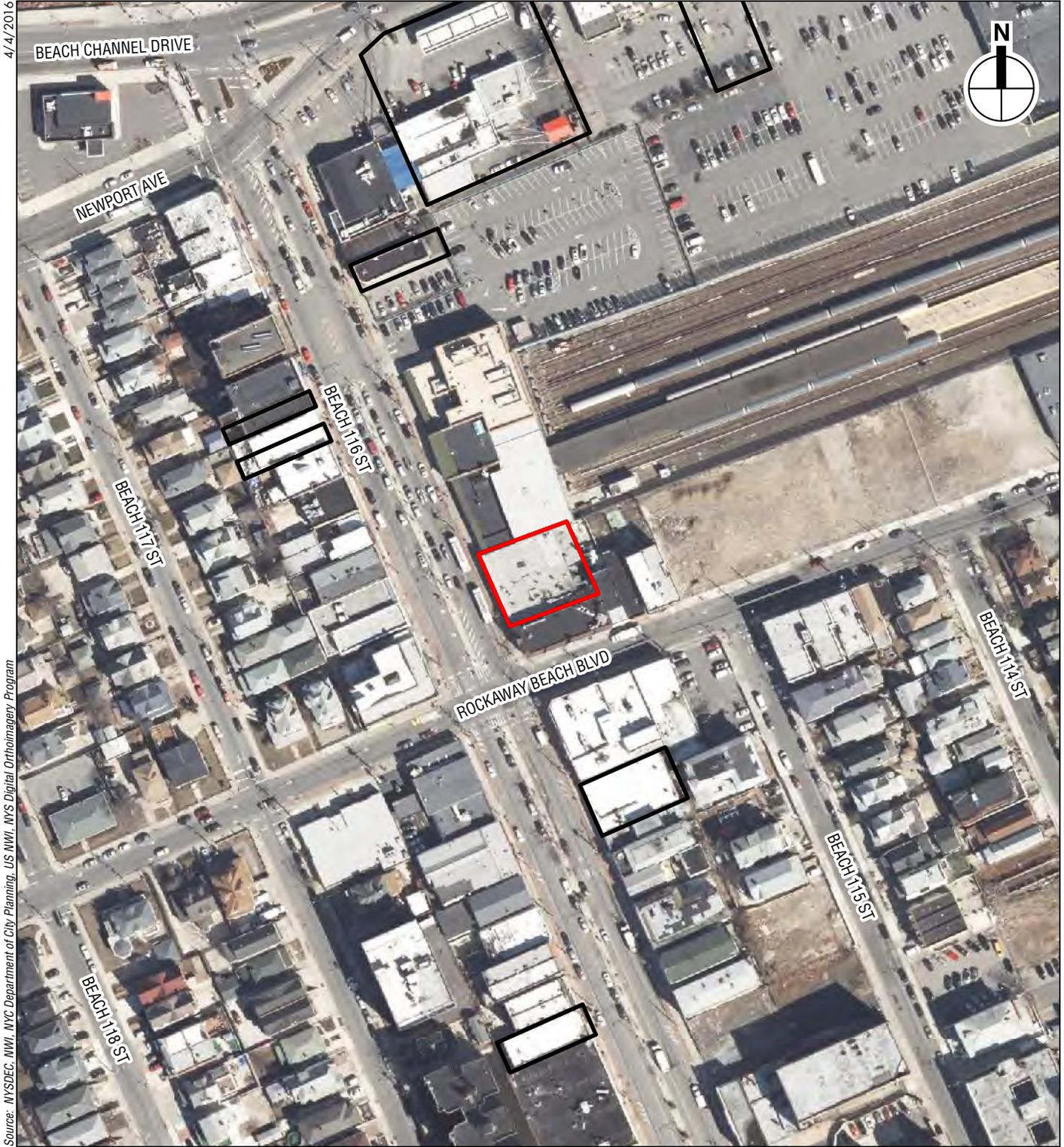
- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4K: Robert Brianna Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands

4/14/2016



Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4L: Makai 116, LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

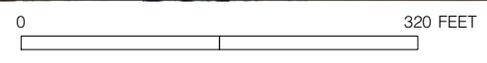
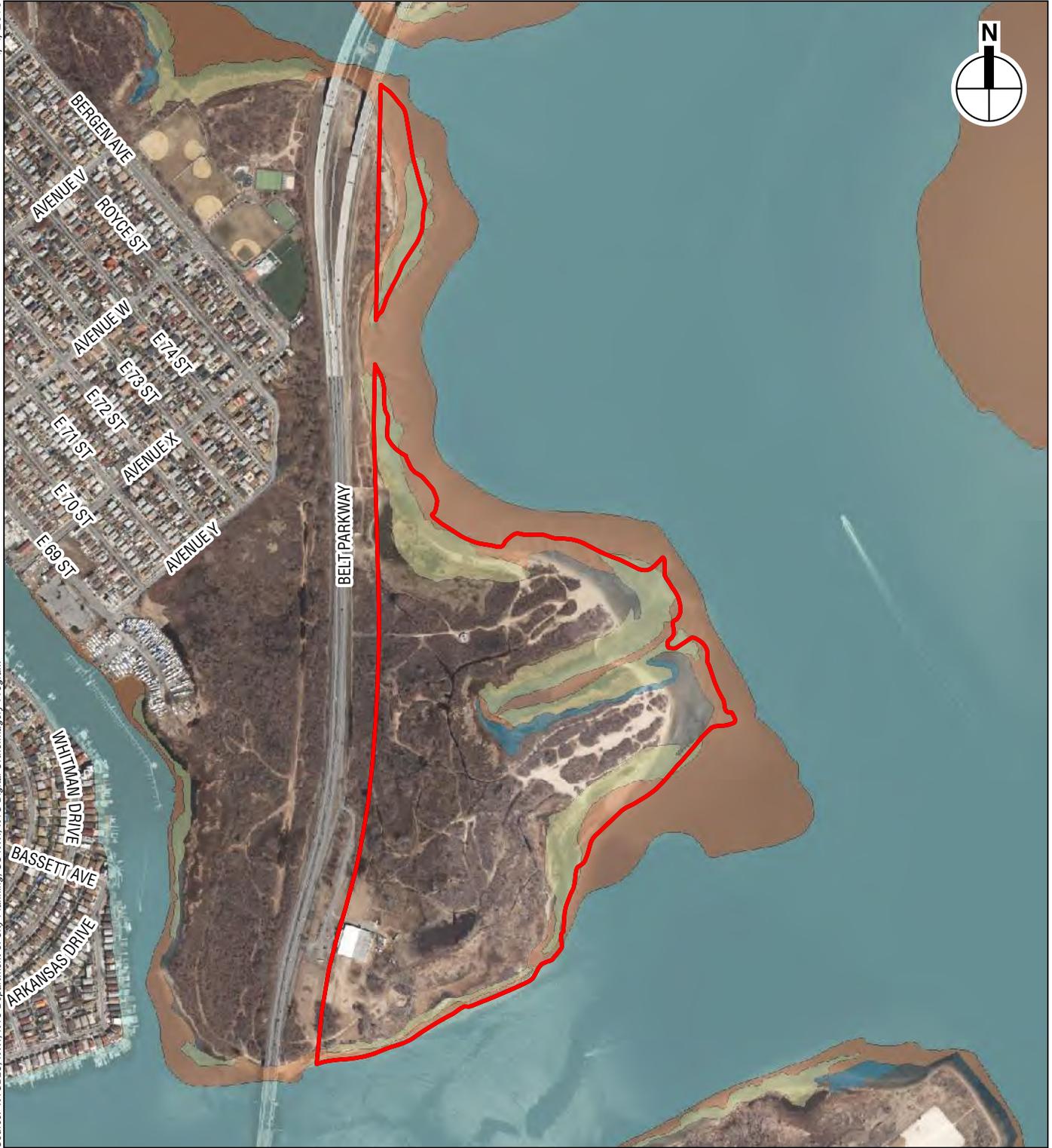


Figure 4M: Elms Realty, LLC
EDC RISE - NYC: NYC Daylighting

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4N: Jamaica Bay Riding Academy
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands



0 360 FEET

- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 40: 7302 Beach Channel Dr. Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)
- NYSDEC Tidal Wetlands
 - Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4P: Nick Velardi's Service Station Inc.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/4/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4Q: Koufos Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



0 320 FEET

- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

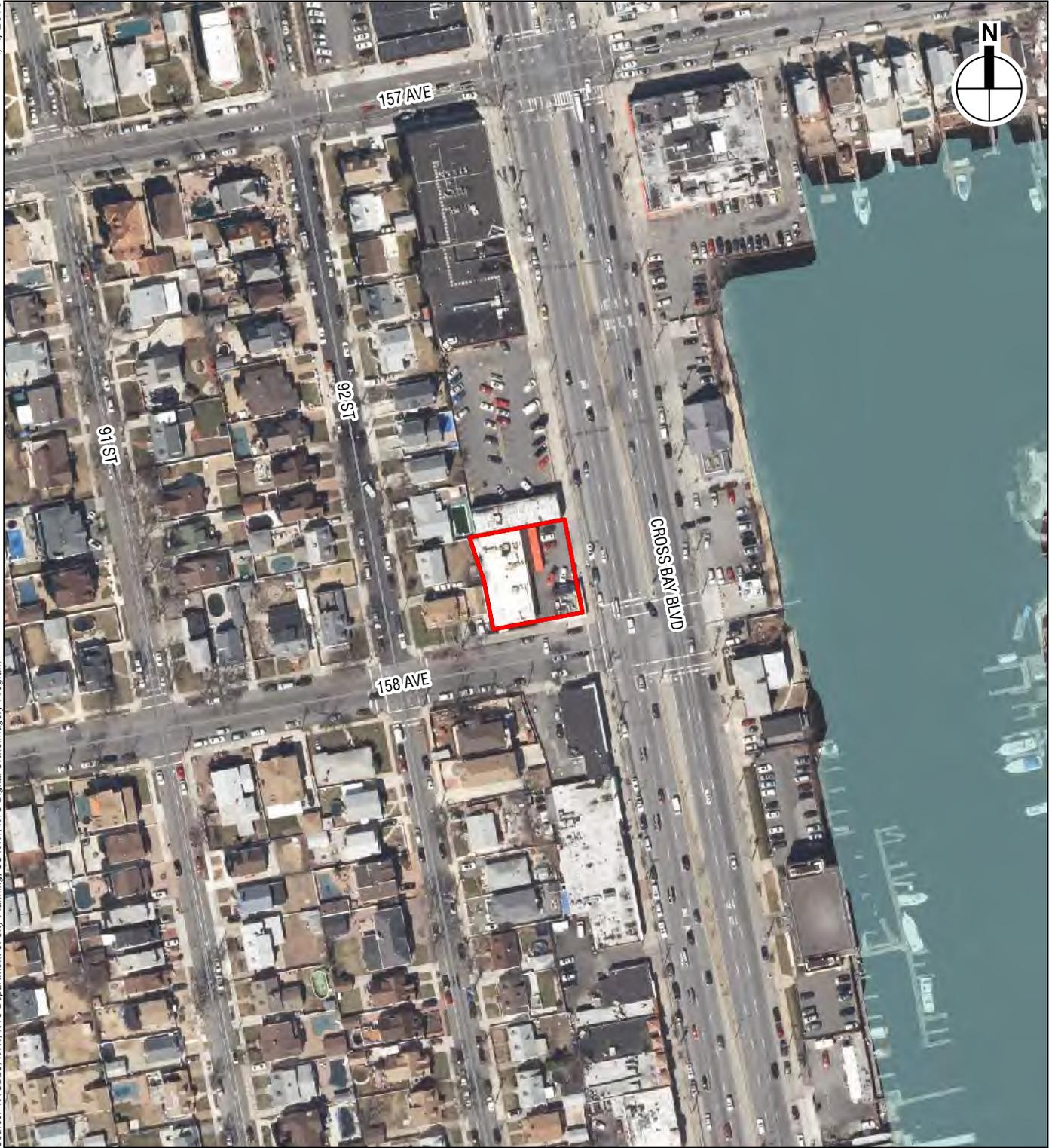
- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4R: Josephine Martire / Lenny's Pizza
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

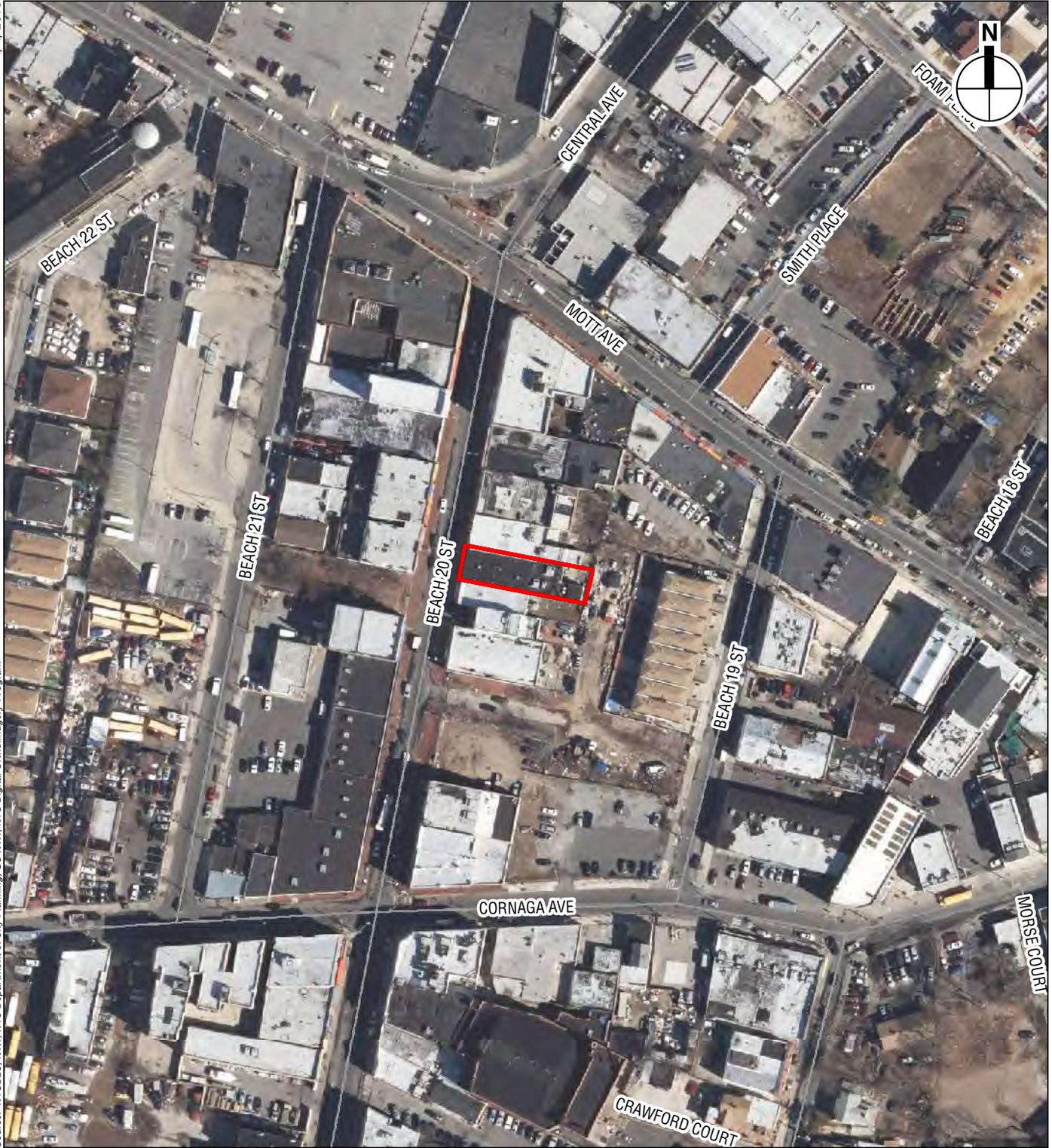
- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4S: Jo-Le Holding Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4T: Ritman Realty Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4U: Jihe Corp.
EDC RISE - NYC: NYC Daylighting

EDC Rise
 NYSDEC and NWI Wetlands

4/14/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



0 320 FEET

- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

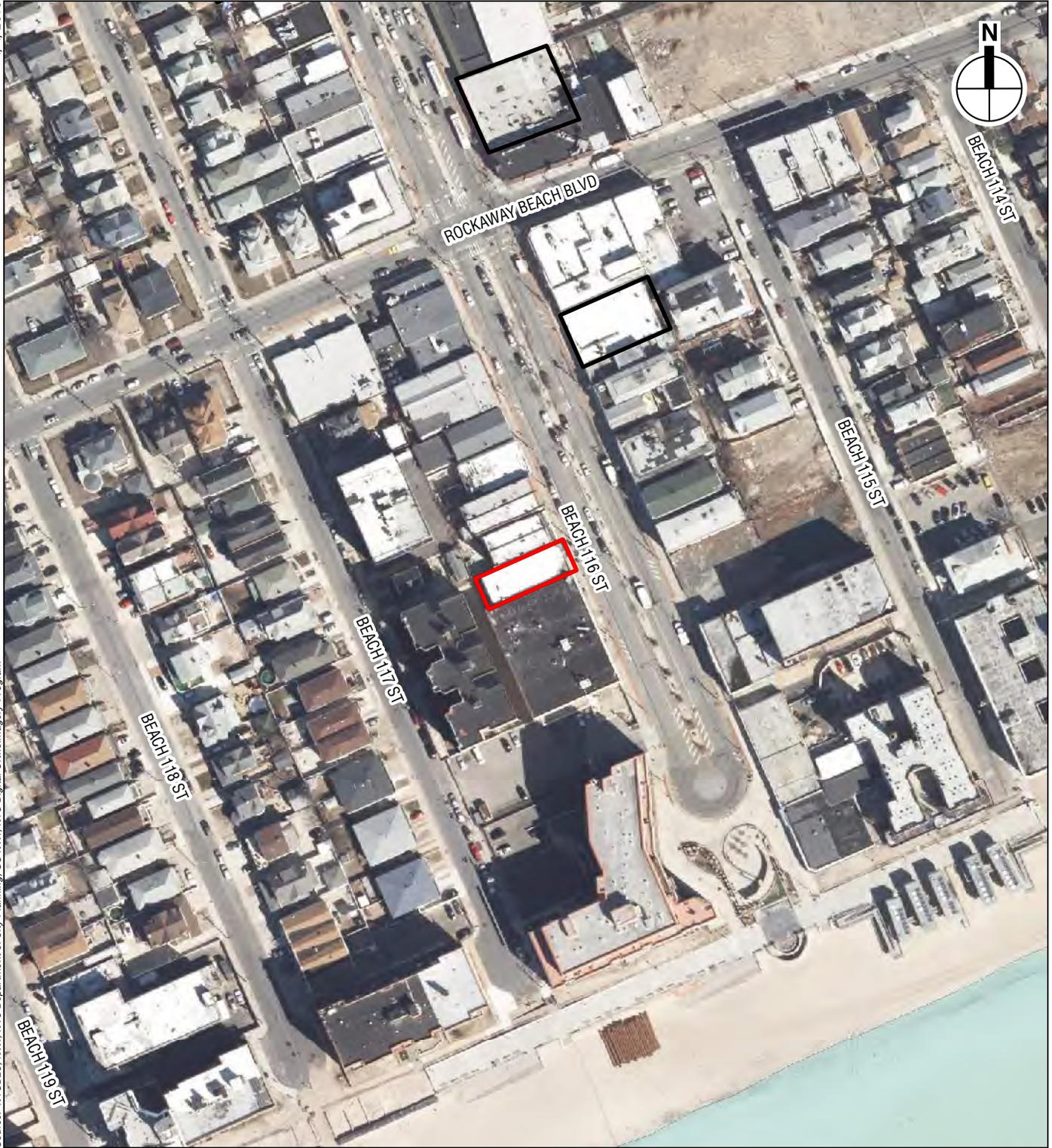
- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

**Figure 4V: FWS Realty LLC
EDC RISE - NYC: NYC Daylighting**

EDC Rise
NYSDEC and NWI Wetlands

4/4/2016

Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthoimagery Program



0 320 FEET

- Subject Project Sites
- Project Sites
- Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
- Fresh Marsh
 - High Marsh
 - Intertidal Marsh
 - Littoral Zone
 - Coastal Shoals, Bars and Mudflats

Figure 4W: Arka Investors, Inc.
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands



Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



-  Subject Project Sites
-  Project Sites
-  Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands
-  Fresh Marsh
 -  High Marsh
 -  Intertidal Marsh
 -  Littoral Zone
 -  Coastal Shoals, Bars and Mudflats

Figure 4X: Rian Realty LLC
EDC RISE - NYC: NYC Daylighting

EDC Rise
NYSDEC and NWI Wetlands



Source: NYSDEC, NWI, NYC Department of City Planning, US NWI, NYS Digital Orthorectified Program



-  Subject Project Sites
-  Project Sites
-  Freshwater Wetlands (NYSDEC)

- NYSDEC Tidal Wetlands*
-  Fresh Marsh
 -  High Marsh
 -  Intertidal Marsh
 -  Littoral Zone
 -  Coastal Shoals, Bars and Mudflats

**Figure 4Y: Channel Realty Co.
EDC RISE - NYC: NYC Daylighting**

EDC Rise
NYSDEC and NWI Wetlands

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5A: Beach Channel Drive Realty / Patrick O'Rourke Realty
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Far Rockaway Quad

4/28/2016



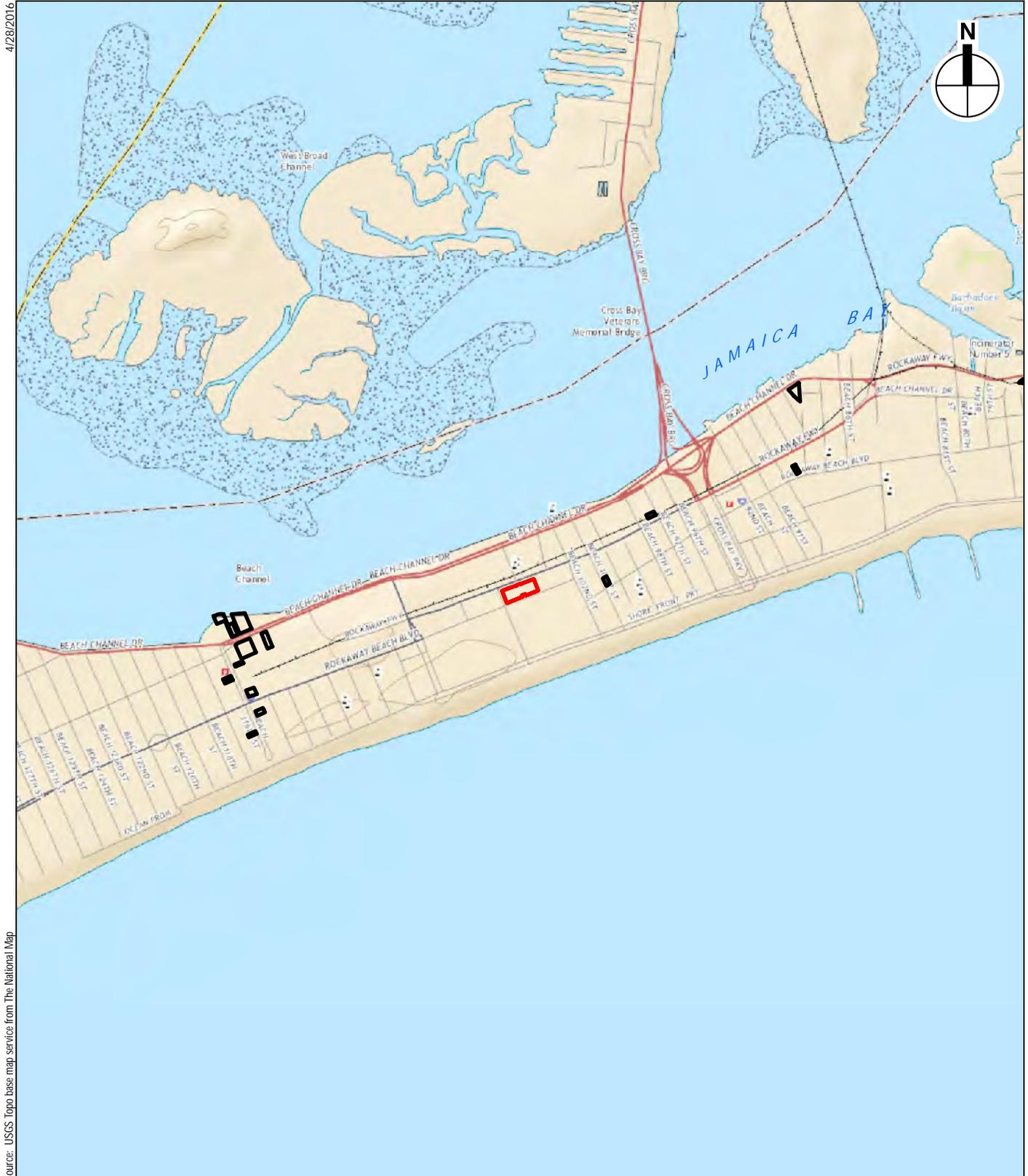
Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5B: Elizabeth Hanna / E&N Hardware
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5C: M & R Rockaway
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5E: Tom Hughes / BINK Realty
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map

- Subject Project Sites*
- Project Sites*

Figure 5F: Robert Leckie / 416 Beach 116th Corp.
EDC Rise - NYC: NYC Daylighting

0 2,000 FEET

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5G: Susan Locke / Wave Build Inc.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5H: Daniel Mirkin / 253 Beach 116 Owners LLC
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5I: Bryan Bernarth / Bryan's Auto EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute Topographic Map Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



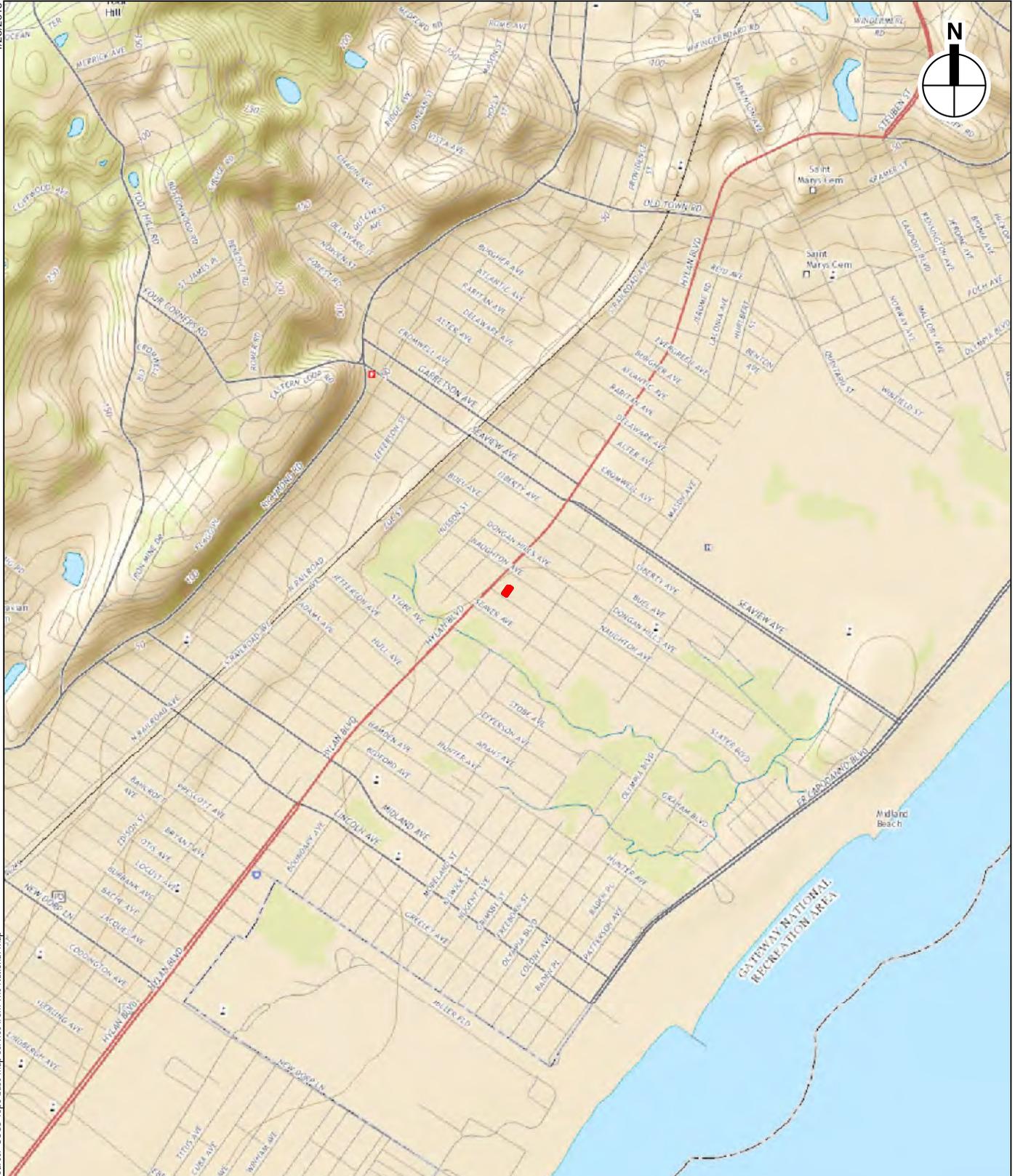
- Subject Project Sites*
- Project Sites*

Figure 5J: 101 Deli Corp
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Far Rockaway Quad

4/28/2016

Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5K: Robert Brianna Corp.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
The Narrows Quad

4/28/2016



Source: USGS Topo base map service from The National Map



-  *Subject Project Sites*
-  *Project Sites*

Figure 5L: Makai 116, LLC
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5N: NYC DPR / Jamaica Bay Riding Academy
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Coney Island Quad



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5O: 7302 Beach Channel Dr. Realty Corp.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map

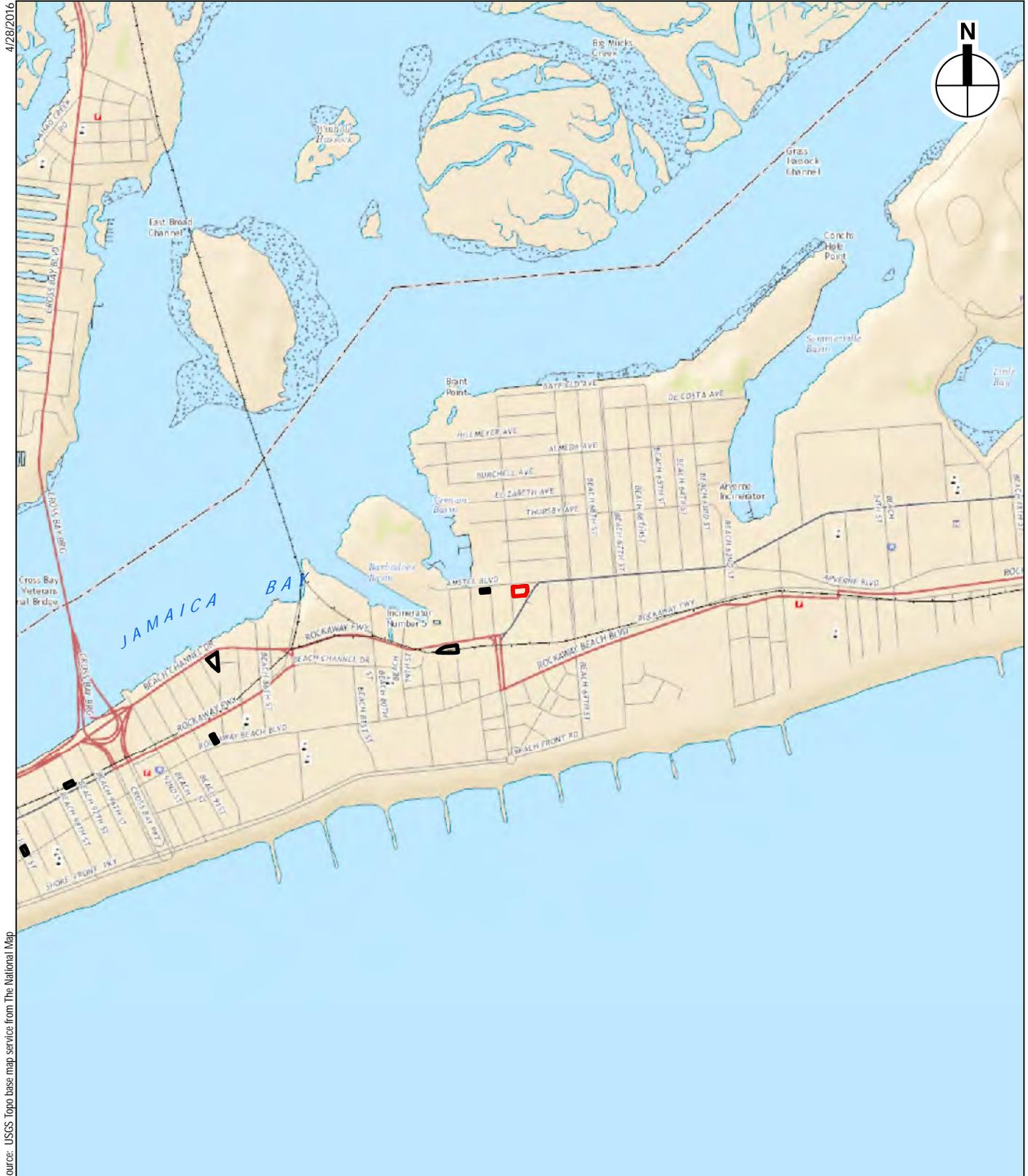


- Subject Project Sites*
- Project Sites*

Figure 5P: Nick Velardi's Service Station Inc.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map

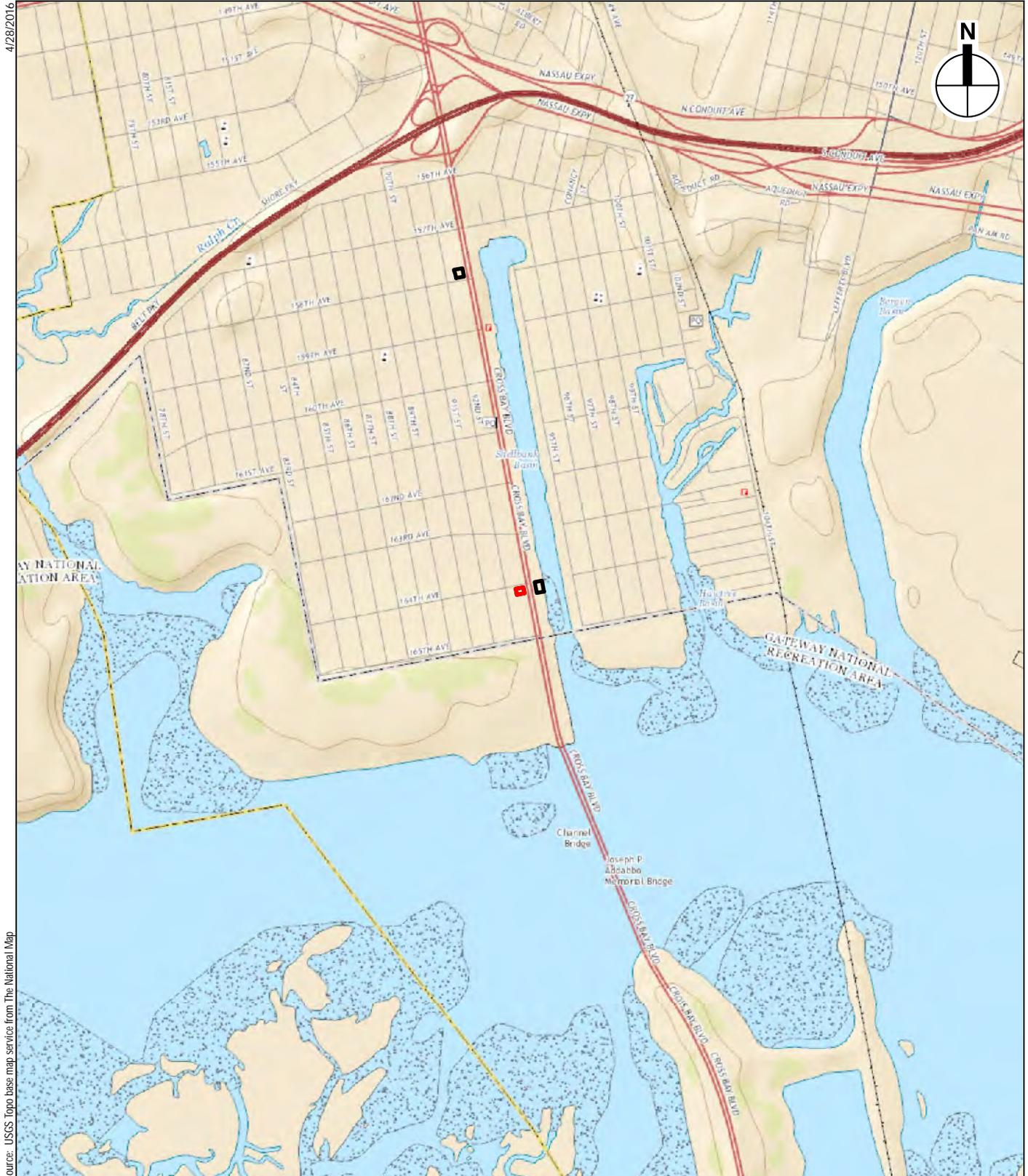


- Subject Project Sites*
- Project Sites*

Figure 5Q: Koufos Realty Corp.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map

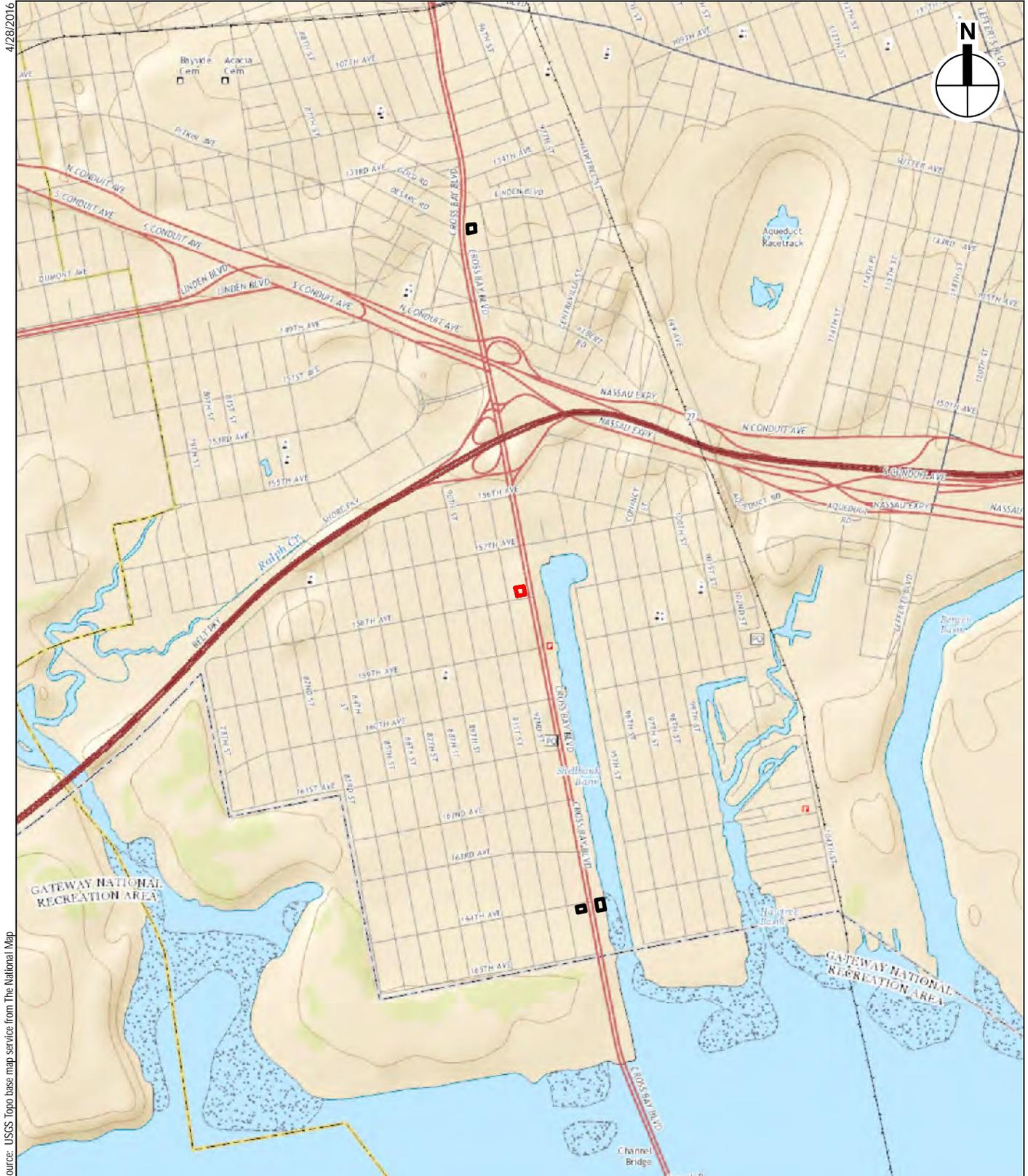


- Subject Project Sites*
- Project Sites*

Figure 5R: Josephine Martire / Lenny's Pizza
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Jamaica Quad

4/28/2016



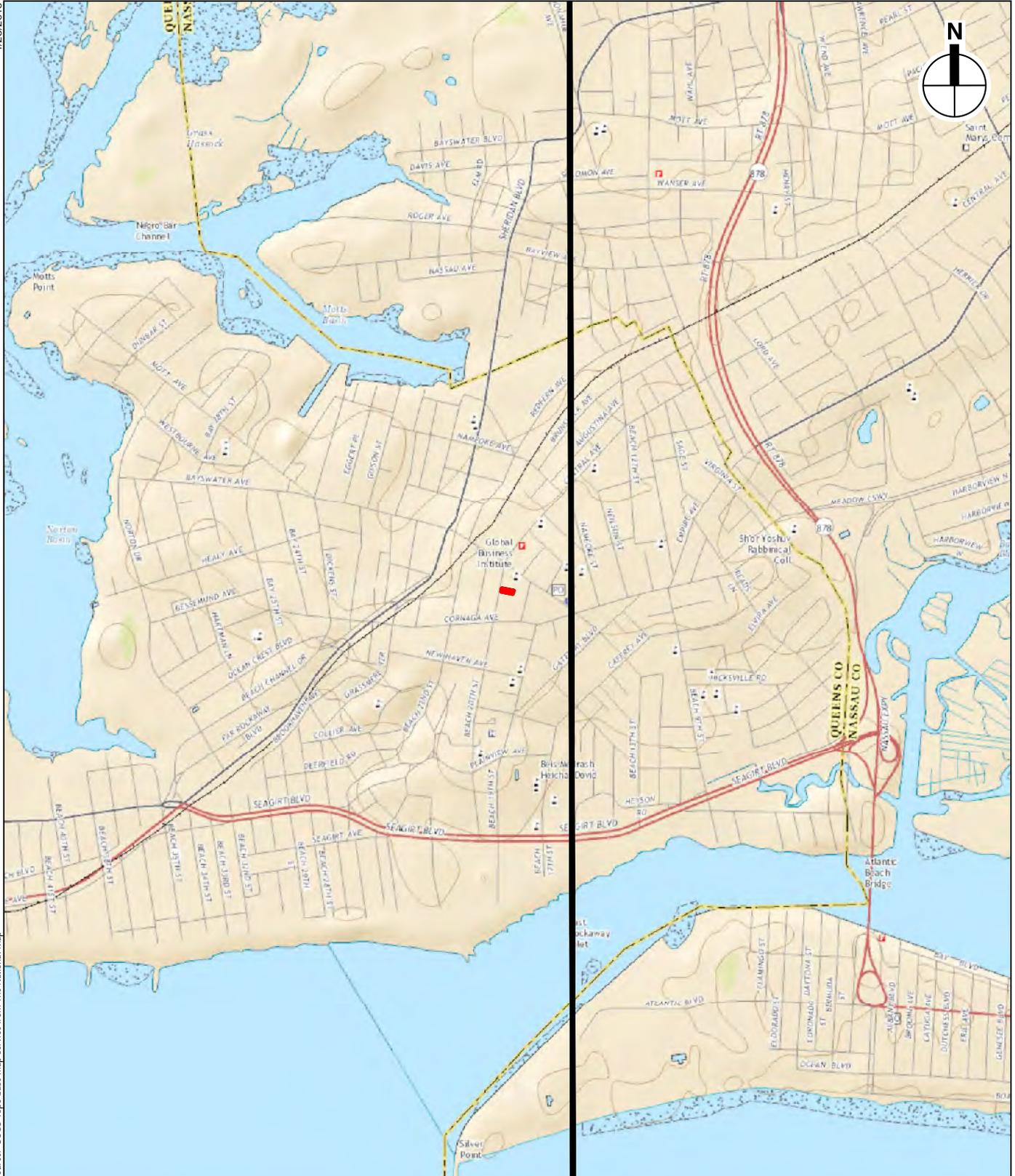
Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5S: Jo-Le Holding Corp.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Jamaica Quad



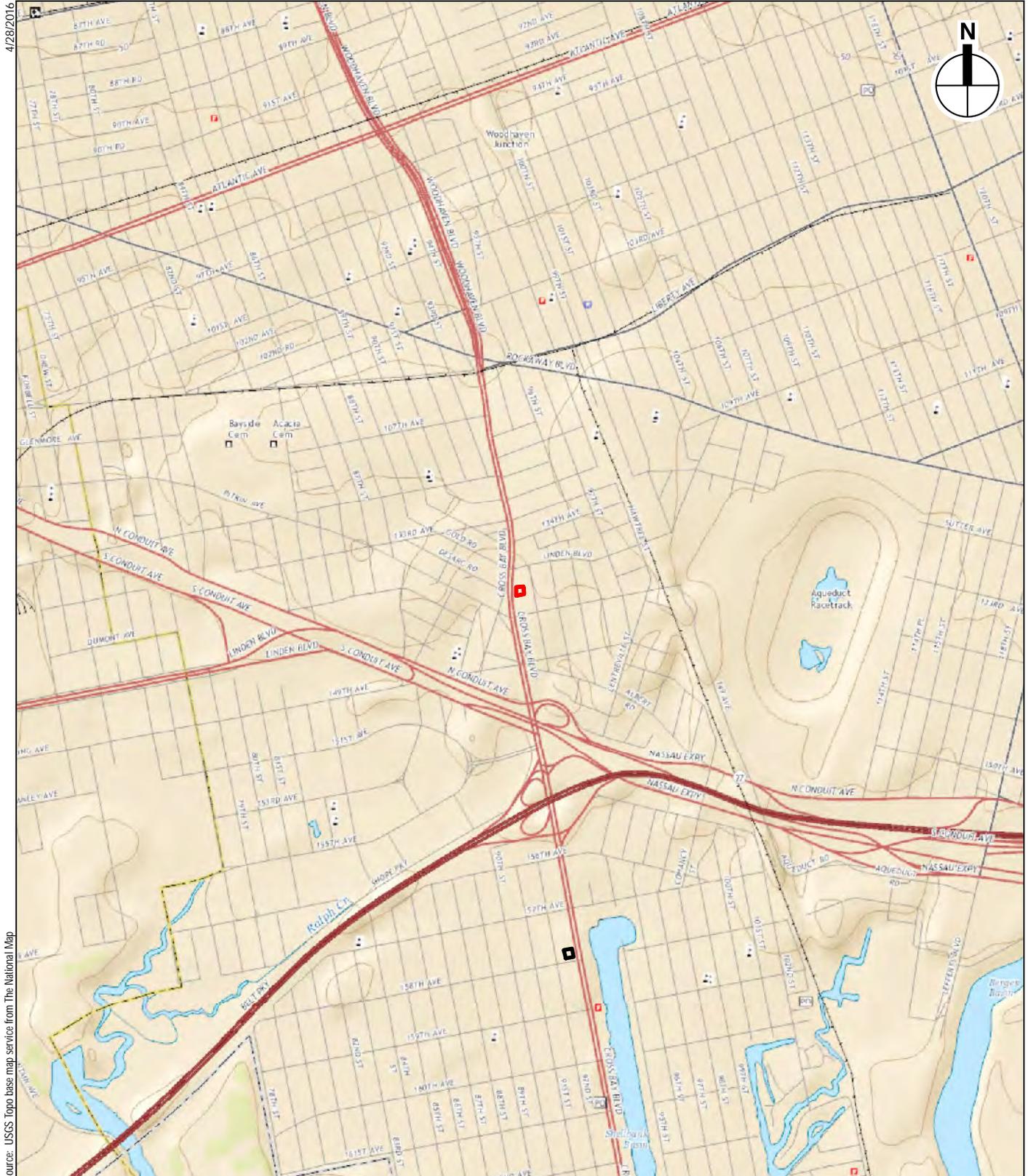
- Subject Project Sites*
- Project Sites*

Figure 5T: Ritman Realty Corp.
EDC Rise - NYC: NYC Daylighting



USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map

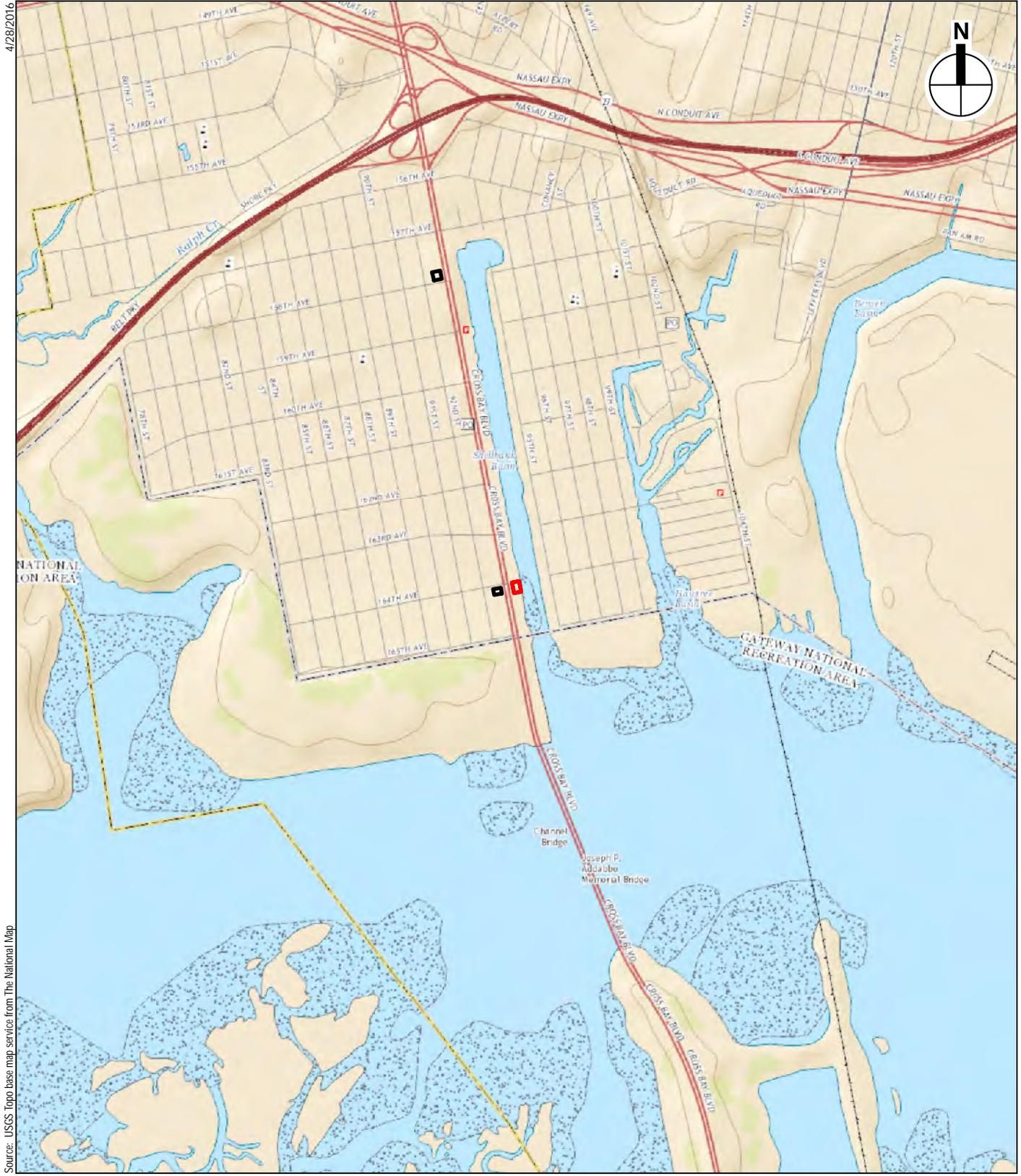


-  *Subject Project Sites*
-  *Project Sites*

Figure 5U: Jihe Corp.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Jamaica Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5V: FWS Realty LLC
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Jamaica Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5W:Arka Investors, Inc.
EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
Topographic Map
Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5X: Rian Realty LLC
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Far Rockaway Quad

4/28/2016



Source: USGS Topo base map service from The National Map



- Subject Project Sites*
- Project Sites*

Figure 5Y: Channel Realty Co.
 EDC Rise - NYC: NYC Daylighting

USGS 7.5 Minute
 Topographic Map
 Far Rockaway Quad

Appendix A
Supplemental Technical Information

Floodplain Management Plan

Floodplain Management Plan

**New York City Office of Management and Budget
U.S. Department of Housing and Urban Development
Community Development Block Grant – Disaster Recovery**

RISE: NYC, Resiliency Innovations for a Stronger Economy

NYC Daylighting

Kings, Queens, and Richmond Counties, New York

Effective Date: June 7, 2016

Executive Order 11988 – Floodplain Management

New York City Office of Management and Budget

U.S. Department of Housing and Urban Development

Community Development Block Grant – Disaster Recovery (CDBG-DR)

RISE: NYC, Resiliency Innovations for a Stronger Economy

NYC Daylighting

New York City Economic Development Corporation

Effective Date: June 7, 2016

This Floodplain Management Plan Compliance Document meets the requirements of 24 CFR Part 55.20 and Executive Order 11988—Floodplain Management—for the RISE: NYC – NYC Daylighting project (“proposed project”). The New York City Office of Management and Budget (OMB) is acting as a sub-recipient in the U.S. Department of Urban Development (HUD) Community Development Block Grant Program as administered by the State of New York Action Plan for Community Development Block Grant Program – Disaster Recovery (CDBG-DR). The activities proposed in the NYC Daylighting project will be conducted in compliance with Executive Order 11988.

Proposed Project

This project proposes to install Solatube Daylighting Systems at small businesses in coastal areas of Brooklyn, Queens, and Staten Island, New York. Solatube Daylighting Systems reflect and transmit natural light from a building’s roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses’ dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, small businesses can conserve generator power for critical non-lighting uses.

As part of the proposed project, Solatube Daylighting Systems would be installed at multiple small businesses located in coastal neighborhoods of Brooklyn, Queens, and Staten Island (see Table 1 and Figures 1a through 1y for full list and location of proposed project sites). Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. Depending on models selected, the exterior, roof-mounted portion of the system would range in diameter from 10 inches to 21 inches and extend between 3 inches and 11 inches above the surface of the roof. Interior transmission systems consist of metallic tubing, threaded through attic or headspace, connecting the roof to the lighting fixture. Diffusers resemble typical ceiling-mounted light fixtures.

No building structural modifications are required to install Solatube Daylighting Systems at any of the proposed project sites. Prior to installation at a facility, an initial assessment is conducted at each project site to determine installation zones. The roof is then cut and flashings are set. Next, top tubes and domes are assembled and installed, followed by extension tubes and bottom tubes. Natural effect lenses and diffusers are placed on the exterior and interior ends of the unit. Wire suspension kits are installed to provide structural support. Finally, the tubes are sealed with HVAC tape, refuse is deposited,

and the roof is sealed. The installation process from beginning to end typically lasts less than one day and requires only small hand tools. Solatube systems provide passive transmission of light and require no power supply or other supporting infrastructure.

Description of Proposed Project Activities In The Special Flood Hazard Area

As part of the proposed project, Solatube Daylighting Systems would be installed at multiple small businesses located in coastal neighborhoods of Brooklyn, Queens, and Staten Island (see Table 1 and Figures 1a through 1y for full list and location of proposed project sites). The systems to be installed are small, passive systems that transmit light from a building's roof to interior light fixtures. No structural modifications are required for installation and no land would be disturbed as part of construction. Based on the 2007 Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), twenty-nine (29) of the fifty-one (51) small business sites proposed for installation of Solatube systems are located at least partially within the 100-year Special Flood Hazard Area (SFHA), and five (5) of the fifty-one (51) business sites are located outside the 100-year SFHA but within the 500-year SFHA. The remaining seventeen (17) small business sites are located outside both the 100-year and 500-year SFHA as mapped on the 2007 FIRM. However, FEMA has proposed revisions to the extent and location of the Special Flood Hazard Area, as presented in the 2015 preliminary Flood Insurance Rate Map (pFIRM) for New York City. As mapped in the 2015 pFIRM, forty-nine (49) of the fifty-one (51) small business sites are located within the 100-year SFHA, with the remaining two (2) business sites located outside of both the 100- and 500-year SFHA. Though the New York City Mayor's Office of Recovery and Resiliency (ORR) has submitted an appeal of the 2015 pFIRM, the more conservative extent of the Special Flood Hazard Area represented in the 2015 pFIRM has been used for this analysis. The proposed project sites and their location relative to the 2007 FIRM and 2015 pFIRM are provided in Table 1. Maps of the project sites and the 2015 pFIRM are provided as Figures 2a-2y.

Executive Order 11988 & 24 CFR Part 55

HUD regulation 24 CFR Part 55 implements Executive Order 11988 for Floodplain Management. The Order requires Federal agencies (or a state agency implementing a Federal funding program) to reduce the loss of life and property caused by floods, minimize impacts of floods on human safety, health, and welfare, and preserve the natural and beneficial functions of floodplains. Under this Order, Federal agencies must evaluate the potential effects of the proposed action. In addition, Federal agencies are required to demonstrate that all practicable alternatives have resulted in the reduction or elimination of the long- and short-term adverse impacts associated with occupancy and modifications of the floodplain.

Projects located within a SFHA are subject to Executive Order 11988. Information on where SFHAs are located is available on Flood Insurance Rate Maps (FIRMs) published by FEMA. FEMA uses engineering studies to determine the delineation of these areas or zones subject to flooding. The relevant data source for the SFHA is the latest issued FEMA data or guidance, which includes advisory data, such as Advisory Base Flood Elevations (ABFEs) or preliminary and final FIRMs.

The SFHA is the area that would be inundated by a 100-year flood: an area that has a one percent or greater chance of experiencing a flood in any single year. SFHAs are shown on FIRMs as shaded areas labeled with the letter "A" or "V".

- "V" zones are coastal flood hazard zones subject to wave run-up in addition to storm surge.
- "A" zones include all other SFHAs.
- "VE" zones, "AE" zones, "V" zones, or "A" zones followed by a number are areas with specific flood elevations, known as Base Flood Elevations (BFE).

- A zone with the letter “A” or “V” by itself is an appropriately studied flood hazard area without a specific flood elevation.
- Within an “AE” zone or a numbered “A” zone, there may be an area known as the “regulatory floodway,” which is the channel of a river and adjacent land areas which must be reserved to discharge a 100-year flood without causing a rise in flood elevations.

The proposed project would install Solatube Daylighting Systems at multiple locations within the 100 year floodplain (see Table 1 and Figures 2a through 2y). The base flood elevations (BFE) on the 2007 FIRM for those locations within the 100-year SFHA range from 8 feet to 10 feet on the North American Vertical Datum of 1988 (NAVD88). The BFEs for locations within the 100-year SFHA per the 2015 pFIRM range from 9 feet to 12 feet (NAVD88). All proposed installations would be on the roofs of existing structures, above the BFE.

24 CFR Part 55.1 (c)

According to 24 CFR Part 55.1(c), except with respect to actions listed in Part 55.12(c), no HUD financial assistance (including mortgage insurance) may be approved after May 23, 1994 with respect to:

- (1)** Any action, other than a functionally dependent use, located in a floodway;
- (2)** Any critical action located in a coastal high hazard area (V zone) (a “critical action” is an action such as storage of volatile materials, irreplaceable record storage, or construction of a hospital or nursing home); or
- (3)** Any non-critical action located in a coastal high hazard area, unless the action is designed for location in a coastal high hazard area or is a functionally dependent use and complies with the construction standards outlined in HUD Regulations 24 CFR Part 55 (c)(3).

24 CFR Parts 55.11 & 55.20

According to 24 CFR Parts 55.11 (including Table 1) and 55.20, non-critical actions are allowed in A or V zones only if the actions are reviewed in accordance with the floodplain management decision making process outlined in 24 CFR Part 55.20.

Pursuant to §55.12(a)(4), “Inapplicability of 24 CFR part 55 to certain categories of proposed actions,” the decision making steps in §55.20(b), (c), and (g) (Steps 2, 3, and 7) do not apply to the, “...repair, rehabilitation, modernization, weatherization, or improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the action does not meet the thresholds for ‘substantial improvement’ under §55.2(b)(10) and that the footprint of the structure and paved areas is not significantly increased.” The proposed project is limited to the installation of small, passive lighting fixtures. As such, this Floodplain Management Plan documents the five-step decision making process for the proposed project and pertains to activities within the Special Flood Hazard Area (SFHA) as defined by the Federal Emergency Management Agency (FEMA), or its successors, pursuant to the NFIP, or a successor program, whether advisory, preliminary, or final.

Step One: Determine whether the proposed action is located in a 100-year floodplain.

The proposed project includes installation of Solatube Daylighting Systems at multiple small businesses located in coastal neighborhoods of Brooklyn, Queens, and Staten Island (see Table 1 and Figures 1a through 1y for full list and location of proposed project sites). The systems to be installed are small,

passive systems that transmit light from a building's roof to interior light fixtures. No structural modifications are required for installation and no land would be disturbed as part of construction. Based on the 2007 Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), twenty-nine (29) of the fifty-one (51) small business sites proposed for installation of Solatube systems are located at least partially within the 100-year Special Flood Hazard Area (SFHA), and five (5) of the fifty-one (51) business sites are located outside the 100-year SFHA but within the 500-year SFHA. The remaining seventeen (17) small business sites are located outside both the 100-year and 500-year SFHA as mapped on the 2007 FIRM. However, FEMA has proposed revisions to the extent and location of the Special Flood Hazard Area, as presented in the 2015 preliminary Flood Insurance Rate Map (pFIRM) for New York City. As mapped in the 2015 pFIRM, forty-nine (49) of the fifty-one (51) small business sites are located within the 100-year SFHA, with the remaining two (2) business sites located outside of both the 100- and 500-year SFHA. Though the New York City Mayor's Office of Recovery and Resiliency (ORR) has submitted an appeal of the 2015 pFIRM, the more conservative extent of the Special Flood Hazard Area represented in the 2015 pFIRM has been used for this analysis. The proposed project sites and their location relative to the 2007 FIRM and 2015 pFIRM are provided in Table 1. Maps of the project sites and the 2015 pFIRM are provided as Figures 2a-2y.

Step Two: Notify the public at the earliest possible time of a proposal to consider an action in a floodplain, and involve the affected and interested public in the decision making process.

The proposed project is exempt from Step Two, pursuant to §55.12(a)(4).

Step Three: Identify and evaluate practicable alternatives to locating the proposed action in a floodplain.

The proposed project is exempt from Step Three, pursuant to §55.12(a)(4).

Step Four: Identify the potential direct and indirect impacts associated with the occupancy or modification of the floodplain.

The proposed project would have no impact on occupancy within the floodplain or result in any modifications of the floodplain. All work to be performed under the proposed project would be limited to small rooftop disturbance and interior construction. No ground disturbance or other modifications to the floodplain would occur.

As all locations selected for work in the proposed project are existing small businesses, located in existing buildings, existing occupancy and activities within the floodplain would remain. All project recipients located within the floodplain will be required to secure NFIP flood insurance as a requirement of participating in the RISE:NYC program.

The proposed project would have a beneficial impact on resiliency of businesses and residents of coastal neighborhoods in Brooklyn, Queens, and Staten Island. By alleviating reliance on the electrical grid or backup generators, local businesses would be able to return to operations more quickly following a future storm event and continue to provide vital goods and services. No adverse impacts to the floodplain are anticipated from the proposed project.

Step Five: Where practicable, design or modify the proposed action to minimize the potential adverse impacts within the floodplain and to restore and preserve its natural and beneficial values.

As designed, the proposed project would install small, passive solar lighting fixtures in existing small businesses in coastal neighborhoods of Brooklyn, Queens, and Staten Island. Since the proposed project

is anticipated to only install equipment in existing facilities and would not have any adverse impacts to the floodplain, no modifications to the proposed project are proposed.

Step Six: Reevaluate the proposed action to determine: (1) Whether it is still practicable in light of its exposure to flood hazards in the floodplain, the extent to which it will aggravate the current hazards to other floodplains, and its potential to disrupt floodplain values; and (2) Whether alternatives preliminarily rejected at Step Three are practicable in light of the information gained in Steps Four and Five.

The proposed project would not aggravate the current hazards to other floodplains, or disrupt floodplain values. There are no practicable alternatives to the proposed project.

Step Seven: If the reevaluation results in a determination that there is no practicable alternative to locating the proposal in the floodplain, publish a final notice.

The proposed project is exempt from Step Seven, pursuant to §55.12(a)(4).

Step Eight: Implement the Action

Step Eight is implementation of the proposed action. OMB will ensure that required measures prescribed in the steps above will be adhered to. Furthermore, OMB has conducted a NEPA review in accordance with 24 CFR Part 58.

Table 1 - Proposed Project Locations

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Beach Channel Drive Realty/Patrick O'Rourke Realty LLC	<ol style="list-style-type: none"> 1. J. Mehlman 2. Animal Hospital of the Rockaways 3. Rockaway Bagels 4. Edward Jones Investments 5. Dr. Rogoff's Dental Group 6. Main Building 7. Interior Offices 8. Belle Harbor Pharmacies 	<ol style="list-style-type: none"> 1. 114-12 Beach Channel Drive, Queens, NY 11694 2. 114-10 Beach Channel Drive, Queens, NY 11694 3. 114-08 Beach Channel Drive, Queens, NY 11694 4. 115-10 Beach Channel Drive, Queens, NY 11694 5. 115-08 Beach Channel Drive, Queens, NY 11694 6. 115-06 Beach Channel Drive, Queens, NY 11694 7. 115-08 Beach Channel Drive, Queens, NY 11694 8. 115-14 Beach Channel Drive, Queens, NY 11694 	Yes	Yes
Elizabeth Hanna/E&N Hardware	Brown's Hardware	245 Beach 116 th Street, Queens, NY 11694	Yes	Yes
M&R Rockaway	Strands Hair Salon Nicole Frontera Beauty Burn Fitness/Cyber Zone Health Club Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694	No	Yes

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Breezy Point Cooperative	<ol style="list-style-type: none"> 1. Breezy Point Community Center 2. Caffrey-Conroy Learning Center 3. Breezy Point Warehouse/Shop 4. Breezy Point Field Dept. Office 5. Breezy Point Lifeguard Quarters 6. The Hair Den 7. Breezy Point Lumber Yard 8. Breezy Point Travel Center 9. Breezy Point Surf Shop 	<p>All addresses fall under collective address of 202-30 Rockaway Point, Queens, NY 11697</p> <ol style="list-style-type: none"> 1. 17 West Market Street, Queens, NY 11697 2. 33 Beach 209 Street, Queens, NY 11697 3. 208 9th Avenue, Queens, NY 11697 4. 207-19 8th Avenue, Queens, NY 11697 5. 58 Point Breeze Avenue, Queens, NY 11697 6. 58 Point Breeze Avenue, Queens, NY 11697 7. 28 Market Street, Breezy Point, NY 11697 8. 61 Point Breeze Avenue, Queens, NY 11697 9. 61 Point Breeze Avenue, Queens, NY 11697 	<ol style="list-style-type: none"> 1. Yes 2. Yes 3. No 4. Yes 5. Yes 6. Yes 7. Yes 8. No 9. No 	Yes
Tom Hughes/BINK Realty	Station Liquors/ Rockaway Artists Alliance	260 Beach 116 th Street, Queens, NY 11694	Yes	Yes
Robert Leckie/416 Beach 116 th St. Corp.	The Wharf Bar & Grill	416 Beach 116 th St., Queens, NY 11694	No	Yes

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Susan Locke/Wave Build Inc.	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	No	Yes
Daniel Mirkin/253 Beach 116 Owners LLC	Mirkin Vision	253 Beach 116 th Street, Queens, NY 11694	Yes	Yes
Bryan Bernarth/Bryan's Auto	1. Bryan's Auto Parts East Inc. 2. Bryan's Auto East Ltd	1. 309 Beach 97 th Street, Queens, NY 11693 2. 87-15 Beach Channel Drive, Queens, NY 11693	No	Yes
101 Deli Corp	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	No	Yes
Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	Yes	Yes
Makai 116, LLC	Rogoff's	212 Beach 116th Street, Queens, NY 11694	No	Yes
Elms Realty LLC	1. Rockaway Food Market 2. JKS Printing 3. ADP Signs	1. 186 Beach 116th Street, Queens, NY 11694 2. 188 Beach 116th Street, Queens, NY 11694 3. 190 Beach 116th Street, Queens, NY 11694	No	Yes
Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Yes	Yes

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	Yes	Yes
Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	Yes	Yes
Koufos Realty Corp	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	Yes	Yes
Josephine Martire	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	No	Yes
Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	No	Yes
Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	No	No
Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	No	No
FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	Yes	Yes
Arka Investors Inc.	1. Cuisine by Claudette 2. Rockapup	1. 143 Beach 116th Street, Queens, NY 11694 2. 145 Beach 116th Street, Queens, NY 11694	No	Yes

Recipient	Businesses	Address(es)	Located within 100-Year Special Flood Hazard Area?	
			2007 FIRM	2015 pFIRM
Rian Realty LLC	Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	Yes	Yes
Channel Realty Co	<ol style="list-style-type: none"> 1. Storage 2. Quick Spin Laundry 3. Empire Wok 4. Kim's Rainbow Cleaners 5. Lily's Nail Spa 	<ol style="list-style-type: none"> 1. 114-03 Beach Channel Drive, Queens, NY 11694 2. 114-05 Beach Channel Drive, Queens, NY 11694 3. 114-07 Beach Channel Drive, Queens, NY 11694 4. 114-11 Beach Channel Drive, Queens, NY 11694 5. 114-13 Beach Channel Drive, Queens, NY 11694 	Yes	Yes

Coastal Consistency Assessments

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the [New York City Waterfront Revitalization Program](#) (WRP) which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: New York City Economic Development Corporation

Name of Applicant Representative: Dina Rybak

Address: 110 William Street, 4th floor NY NY 10038

Telephone: 212.618.5763 Email: drybak@edc.nyc

Project site owner (if different than above): private site owners, various.

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

I. Brief description of activity

This project proposes to install Solatube Daylighting Systems at existing small businesses in coastal areas of Brooklyn, Queens, and Staten Island, New York. Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, small businesses can conserve generator power for critical non-lighting uses.

Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. Depending on models selected, the exterior, roof-mounted portion of the system would range in diameter from 10 inches to 21 inches and extend between 3 inches and 11 inches above the surface of the roof. Interior transmission systems consist of metallic tubing through attic or headspace, connecting the roof to the lighting fixture. Diffusers resemble typical ceiling-mounted light fixtures. No structural modifications are required to install Solatube Daylighting Systems.

2. Purpose of activity

Businesses and residences alike throughout coastal neighborhoods of New York City sustained substantial damage from Superstorm Sandy. Flood damage to businesses was significant and recovery was slow due to widespread power outages and fuel shortages. Residents were more reliant than ever on local businesses, as transportation in and out of these areas for supplies and support services was severely limited. The resources of local small businesses were strained, as generator power was limited and lighting facilities sapped power from other critical uses.

The proposed project would address these identified needs by providing a resilient and renewable source of lighting in the stores and offices of local small businesses. Provision of such a lighting source would enable businesses to operate during the day, providing local goods and services to residents, all while conserving generator power for critical uses. The proposed Solatube Daylighting Systems would additionally reduce energy consumption of local businesses, improving both their economic and environmental performance.

C. PROJECT LOCATION

Borough: Multiple Tax Block/Lot(s): Multiple

Street Address: Multiple (see Table 1 and Figures 1a-1y)

Name of water body (if located on the waterfront): Multiple (see Figures 1a-1y)

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission Yes No

<input type="checkbox"/> City Map Amendment	<input type="checkbox"/> Zoning Certification	<input type="checkbox"/> Concession
<input type="checkbox"/> Zoning Map Amendment	<input type="checkbox"/> Zoning Authorizations	<input type="checkbox"/> UDAAP
<input type="checkbox"/> Zoning Text Amendment	<input type="checkbox"/> Acquisition – Real Property	<input type="checkbox"/> Revocable Consent
<input type="checkbox"/> Site Selection – Public Facility	<input type="checkbox"/> Disposition – Real Property	<input type="checkbox"/> Franchise
<input type="checkbox"/> Housing Plan & Project	<input type="checkbox"/> Other, explain: _____	
<input type="checkbox"/> Special Permit		

(if appropriate, specify type: Modification Renewal other) Expiration Date: _____

Board of Standards and Appeals Yes No

<input type="checkbox"/> Variance (use)	
<input type="checkbox"/> Variance (bulk)	
<input type="checkbox"/> Special Permit	

(if appropriate, specify type: Modification Renewal other) Expiration Date: _____

Other City Approvals

<input type="checkbox"/> Legislation	<input type="checkbox"/> Funding for Construction, specify: _____
<input type="checkbox"/> Rulemaking	<input type="checkbox"/> Policy or Plan, specify: _____
<input type="checkbox"/> Construction of Public Facilities	<input type="checkbox"/> Funding of Program, specify: _____
<input type="checkbox"/> 384 (b) (4) Approval	<input type="checkbox"/> Permits, specify: _____
<input type="checkbox"/> Other, explain: _____	

State Actions/Approvals/Funding

<input type="checkbox"/> State permit or license, specify Agency: _____	Permit type and number: _____
<input type="checkbox"/> Funding for Construction, specify: _____	
<input type="checkbox"/> Funding of a Program, specify: _____	
<input type="checkbox"/> Other, explain: _____	

Federal Actions/Approvals/Funding

<input type="checkbox"/> Federal permit or license, specify Agency: _____	Permit type and number: _____
<input type="checkbox"/> Funding for Construction, specify: _____	
<input type="checkbox"/> Funding of a Program, specify: <u>HUD CDBG-DR funding of EDC-RISE program</u>	
<input type="checkbox"/> Other, explain: _____	

Is this being reviewed in conjunction with a [Joint Application for Permits?](#) Yes No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? Yes No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? Yes No
3. Is the project located on publicly owned land or receiving public assistance? Yes No
4. Is the project located within a FEMA 1% annual chance floodplain? (6.2) Yes No
5. Is the project located within a FEMA 0.2% annual chance floodplain? (6.2) Yes No
6. Is the project located adjacent to or within a special area designation? See [Maps – Part III](#) of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).
 - Significant Maritime and Industrial Area (SMIA) (2.1)
 - Special Natural Waterfront Area (SNWA) (4.1)
 - Priority Martine Activity Zone (PMAZ) (3.5)
 - Recognized Ecological Complex (REC) (4.4)
 - West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (2.2, 4.2)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder or Not Applicable (N/A). For more information about consistency review process and determination, see **Part I** of the [NYC Waterfront Revitalization Program](#). When assessing each policy, review the full policy language, including all sub-policies, contained within **Part II** of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).

For those policies checked Promote or Hinder, provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.

		Promote	Hinder	N/A
I	Support and facilitate commercial and residential redevelopment in areas well-suited to such development.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	In areas adjacent to SMIA's, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.5	Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

		Promote	Hinder	N/A
2	Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.5	Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.1.	Support and encourage in-water recreational activities in suitable locations.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.3	Minimize conflicts between recreational boating and commercial ship operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Protect and restore the quality and function of ecological systems within the New York City coastal area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.5	Protect and restore tidal and freshwater wetlands.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.6	In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.7	Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.8	Maintain and protect living aquatic resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

		Promote	Hinder	N/A
5	Protect and improve water quality in the New York City coastal area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.1	Manage direct or indirect discharges to waterbodies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.1	Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.2	Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in <i>New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms</i>) into the planning and design of projects in the city's Coastal Zone.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.2	Prevent and remediate discharge of petroleum products.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.3	Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Provide public access to, from, and along New York City's coastal waters.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.3	Provide visual access to the waterfront where physically practical.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

		Promote	Hinder	N/A
8.5	Preserve the public interest in and use of lands and waters held in public trust by the State and City.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Protect scenic resources that contribute to the visual quality of the New York City coastal area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.2	Protect and enhance scenic values associated with natural resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.2	Protect and preserve archaeological resources and artifacts.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: NYCEDC/ Dina Rybak (Assistant Vice President, Planning)

Address: 110 William Street

Telephone: 212.618.5763 Email: drybak@edc.nyc

Applicant/Agent's Signature: Dina Rybak 

Date: 5/9/2016

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the [NYS Department of State Office of Planning and Development](#) and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning

Waterfront and Open Space Division
120 Broadway, 31st Floor
New York, New York 10271
212-720-3525
wrp@planning.nyc.gov
www.nyc.gov/wrp

New York State Department of State

Office of Planning and Development
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, New York 12231-0001
(518) 474-6000
www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- Copy of original signed NYC Consistency Assessment Form
- Attachment with consistency assessment statements for all relevant policies
- For Joint Applications for Permits, one (1) copy of the complete application package
- Environmental Review documents
- Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.

This document is the addendum to the Local Waterfront Revitalization Program (LWRP) Consistency Assessment Form (CAF) for the RISE: NYC – NYC Daylighting Project. After describing the proposed project in more detail, this document analyzes the consistency of the proposed project with the policies of the New York City LWRP, specifically those policies that were identified as potentially applicable to this project in the CAF.

PROJECT DESCRIPTION

This project proposes to install Solatube Daylighting Systems at existing small businesses in coastal areas of Brooklyn, Queens, and Staten Island, New York (see Table 1 and Figures 1a through 1y). Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, small businesses can conserve generator power for critical non-lighting uses.

Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. Depending on models selected, the exterior, roof-mounted portion of the system would range in diameter from 10 inches to 21 inches and extend between 3 inches and 11 inches above the surface of the roof. Interior transmission systems consist of metallic tubing through attic or headspace, connecting the roof to the lighting fixture. Diffusers resemble typical ceiling-mounted light fixtures.

No structural modifications are required to install Solatube Daylighting Systems. Prior to installation at a facility, an initial assessment is conducted to determine installation zones. The roof is then cut and flashings are set. Next, top tubes and domes are assembled and installed, followed by extension tubes and bottom tubes. Natural effect lenses and diffusers are placed on the exterior and interior ends of the unit. Wire suspension kits are installed to provide structural support. Finally, the tubes are sealed with HVAC tape, refuse is deposited, and the roof is sealed. The installation process from beginning to end typically lasts two to three days. Solatube systems provide passive transmission of light and require no power supply or other supporting infrastructure.

Funding for the Project will be provided by the United States Department of Housing and Urban Development (HUD) Community Development Block Grant – Disaster Recovery (CDBG-DR) program for storm recovery activities in New York State.

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of CDBG-DR funds from HUD. OMB is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58.

CONSISTENCY WITH LWRP POLICIES

Policy 6: *Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.*

Response: The proposed project would consist of small interior and rooftop improvements to existing facilities and would not have any effect on natural resource or property damage from flooding or erosion.

Policy 6.2: *Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms) into the planning and design of projects in the city's Coastal Zone.*

Response: The proposed project would install Solatube Daylighting Systems on the rooftops of existing facilities at multiple locations within the 100 year floodplain (see Table 1 and Figures 1a through 1y). The proposed project would provide a resilient and renewable source of lighting in the stores and offices of local small businesses. Provision of such a lighting source would enable businesses to operate during the day throughout power outages, providing local goods and services to residents, all while conserving generator power for critical uses. The proposed Solatube Daylighting Systems would additionally reduce energy consumption of these existing facilities, improving both economic and environmental performance. As such, the proposed project is in direct support of New York City's overall goal for enhanced resiliency within the city's Coastal Zone.

New York State Coastal Management Plan

Response: Consistency with the New York State Coastal Management Plan (CMP) policies is reviewed in the attached Federal Consistency Assessment Form (FCAF).

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. APPLICANT (please print)

1. Name: Dina Rybak, (NYCEDC)
2. Address: 110 William Street, 4th floor, New York NY 10038
3. Telephone: Area Code (212) 618-5763

B. PROPOSED ACTIVITY

1. Brief description of activity:

Install small, passive solar lighting systems on the rooftops and interiors of multiple existing small businesses located in coastal neighborhoods of Brooklyn, Queens, and Staten Island, NY.

2. Purpose of activity:

Improve resiliency of small businesses by decreasing dependence on electricity grid and generator power.

3. Location of activity:

<u>Kings, Queens, Richmond</u>	<u>Brooklyn, Queens, Staten Island</u>	<u>varies (see Fig. 1 & Tbl. 1)</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: _____

5. Federal application number, if known: _____

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

C. COASTAL ASSESSMENT Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES / NO

- a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43)
- b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44)
- c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1)
- d. Reduction of existing or potential public access to or along coastal waters? (19, 20)
- e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10) . . .
- f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29)
- g. Siting of a facility essential to the generation or transmission of energy? (27)
- h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35)
- i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35) . . .
- j. Draining of stormwater runoff or sewer overflows into coastal waters? (33)
- k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39) . . .
- l. Adverse effect upon land or water uses within the State's small harbors? (4)

2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES / NO

- a. State designated freshwater or tidal wetland? (44)
- b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17,)
- c. State designated significant fish and/or wildlife habitat? (7)
- d. State designated significant scenic resource or area? (24)
- e. State designated important agricultural lands? (26)
- f. Beach, dune or barrier island? (12)
- g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3)
- h. State, county, or local park? (19, 20)
- i. Historic resource listed on the National or State Register of Historic Places? (23)

3. Will the proposed activity require any of the following: YES / NO

- a. Waterfront site? (2, 21, 22)
- b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5)
- c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16)
- d. State water quality permit or certification? (30, 38, 40)
- e. State air quality permit or certification? (41, 43)

4. Will the proposed activity occur within and/or affect an area covered by a State approved local waterfront revitalization program? (see policies in local program document)

D. ADDITIONAL STEPS

1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.
2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Dina Rybak (NYCEDC)

Address: 110 William Street, 4th Floor, New York NY 10038

Telephone: Area Code (212) 618-5763

Applicant/Agent's Signature:  Date: 4/30/16

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Coastal, Local Government and Community Sustainability, Attn: Consistency Review Unit, 1 Commerce Plaza, 99 Washington Avenue - Suite 1010, Albany, New York 12231.**

- a. Copy of original signed form.
- b. Copy of the completed federal agency application.
- c. Other available information which would support the certification of consistency.

2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.

3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

This document is the addendum to the Federal Consistency Assessment Form (FCAF) for the RISE: NYC – NYC Daylighting Project. After describing the proposed project in more detail, this document analyzes the consistency of the proposed project with the policies of the New York State Coastal Management Program (CMP), specifically those policies that were identified as potentially applicable to this project in the CAF.

PROJECT DESCRIPTION

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Funding for the Project will be provided by the United States Department of Housing and Urban Development (HUD) Community Development Block Grant – Disaster Recovery (CDBG-DR) program.

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of CDBG-DR funds from HUD. OMB is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58.

CONSISTENCY WITH NYS COASTAL MANAGEMENT PLAN

Policy 2: *Facilitate the siting of water dependent uses and facilities on or adjacent to coastal waters.*

Response: The proposed project would result in small interior and rooftop improvements to existing facilities. The proposed project would have no effect on land use or siting of water-dependent uses.

Policy 7: *Significant coastal fish and wildlife habitats will be protected, preserved, and where practical, restored so as to maintain their viability as habitats.*

Response: The proposed project would consist of installation of small passive solar lighting systems in existing facilities, requiring installation of small rooftop light collectors and internal lighting systems. The project will require no land disturbance and is not anticipated to have any effect on existing fish or wildlife habitats.

Policy 11: *Buildings and other structures will be sited in the coastal area so as to minimize damage to property and the endangering of human lives caused by flooding and erosion.*

Response: The proposed project would result in small interior and rooftop improvements to existing facilities and would have no effect on the siting of buildings and structures within the coastal area. The project would improve resiliency of existing buildings but have no effect on property damage or human safety.

Policy 12: *Activities or development in the coastal area will be undertaken so as to minimize damage to natural resources and property from flooding and erosion by protecting natural protective features including beaches, dunes, barrier islands and bluffs.*

Response: The proposed project would consist of small interior and rooftop improvements to existing facilities and would not have any effect on natural protective features.

Policy 17: *Non-structural measures to minimize damage to natural resources and property from flooding and erosion shall be used whenever possible.*

Response: The proposed project would consist of small interior and rooftop improvements to existing facilities and would not have any effect on natural resource or property damage from flooding or erosion.

Policy 21: *Water-dependent and water-enhanced recreation will be encouraged and facilitated, and will be given priority over non-water-related uses along the coast.*

Response: The proposed project would result in small improvements to existing facilities in both waterfront and non-waterfront locations. The project would not affect land use or siting in waterfront locations.

Policy 22: *Development, when located adjacent to the shore, will provide for water-related recreation, whenever such use is compatible with reasonably anticipated demand for such activities, and is compatible with the primary purpose of the development.*

Response: The proposed project would result in small improvements to existing facilities in both waterfront and non-waterfront locations. The project would not affect accessibility to or provision of water-related recreation.

Local Waterfront Revitalization Program (LWRP)

Response: Consistency with the New York City Local Waterfront Revitalization Program (LWRP) policies is reviewed in the attached LWRP Consistency Assessment Form.

Appendix B
Agency Correspondence

State Historic Preservation Office (SHPO)

April 25, 2016

Mr. John Bonafide
Director, Technical Preservation Bureau
Division of Historic Preservation
New York State Office of Parks, Recreation and Historic Preservation
Peebles Island
P.O. Box 189
Waterford, New York 12188-0189

Re: Section 106 Compliance for RISE: NYC—NYC Daylighting Project
(Kings, Queens, and Richmond Counties, NY)

Dear Mr. Bonafide:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of Community Development Block Grant—Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD). The funding program is for storm recovery activities in New York City. OMB is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The New York City Economic Development Corporation (NYCEDC), as a project sponsor, is acting on behalf of OMB in providing the enclosed information and request for consultation.

NYCEDC Resiliency Innovations for a Stronger Economy (RISE: NYC) is a Superstorm Sandy business recovery and resiliency program that helps New York City small businesses adapt to and mitigate the impacts of climate change through the use of innovative technologies. Businesses and residences alike throughout the five boroughs sustained substantial damage from Superstorm Sandy. Flood damage to businesses was significant and recovery was slow due to widespread power outages and fuel shortages. The first project under RISE: NYC is Solatube Daylighting Systems, which reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, the businesses can conserve generator power for critical non-lighting uses.

Area of Potential Effect

The Solatube Daylighting Systems project would install Solatube Daylighting Systems at multiple small businesses in coastal neighborhoods of Brooklyn (Kings County), Queens (Queens County), and Staten Island (Richmond County), NY. The small business addresses, blocks/lots, and brief descriptions are identified in **Table 1**. They are also mapped on **Figures 1A through 1Y** and shown in photographs 1 through 37.

Proposed Project Description:

The proposed project would result in the installation of Solatube Daylighting Systems at each of the small businesses identified above. Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. The exterior, roof-mounted portion of the system range in diameter from 10 to 21 inches and extend between 3 and 11 inches above the surface of the roof. The installation of the Solatube Daylighting Systems would involve minimal construction on the roof of each building to install the light receptor, while the rest of the work would occur within the buildings.

Because the project described herein would not involve any in-ground disturbance, the proposed project does not have any potential to result in effects on archaeological resources; consultation with Tribal Historic Preservation Offices is also not required. None of the affected buildings is listed on or has been determined eligible for listing on the State/National Registers of Historic Places, nor do any of the properties appear to meet S/NR eligibility criteria, therefore the proposed project does not have the potential to result in adverse effects on historic architectural resources.

The purpose of this letter is to notify your office of the proposed undertaking and to initiate consultation under Section 106 of the NHPA, per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. Because the proposed project would not involve any in-ground disturbance and there are no historic architectural resources on any of the affected properties, it is anticipated that no further consultation under Section 106 is required. NYCEDC respectfully request SHPO's review of the proposed project within 30 days of receiving this notice or sooner. If the Area of Potential Effect encompasses properties of religious or cultural significance, or if you have any other concerns about the implementation of the proposed project, please contact me by email to drybak@edc.nyc, by phone at 212.618.5763, or in writing to Dina Rybak, c/o NYCEDC, 110 William Street, NY, NY 10036. Thank you for your time and consideration.

Sincerely,

Dina Rybak
Assistant Vice President
NYC Economic Development Corporation

enc: Figures 1a through 1y, Project Location Maps
Table 1 RISE: NYC—NYC Daylighting Project Sites

cc: Eram Qadri, New York City Office of Management and Budget
Gina Santucci, New York City Landmarks Preservation Commission

TABLE 1

RISE : NYC
 NYC Daylighting Project Sites
 Contract Number 55090009

Figure Name	Photo Number	Owner	Business	Sites	Addresses	Borough-Block-Lot	Building description/condition	
1A	See Photos 1, 2, and 3	Patrick O'Rourke Realty LLC	Beach Channel Drive Realty	J. Mehlman	114-12 Beach Channel Drive, Queens, NY 11694	4-16166-304	1-story stone-faced commercial buildings with non-original cladding. Circa 1950 (NYCDoITT).	
				Animal Hospital of the Rockaways	114-10 Beach Channel Drive, Queens, NY 11694			
				Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694	4-16166-312		
				Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694			
				Dr. Rogoff's Dental Group	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-313		1- and 2-story commercial buildings faced in stone and a corrugated cladding material. Non-original cladding. Circa 1929, estimated (NYCDoITT).
				Main Building	115-06 Beach Channel Drive, Queens, NY 11694	4-16166-314		
				Interior Offices	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-315		1- and 2-story commercial buildings faced in stone and stucco. Non-original cladding. Circa 1957 and circa 1929 (estimated) (NYCDoITT).
Belle Harbor Pharmacies	115-14 Beach Channel Drive, Queens, NY 11694	4-16166-316						
1B	See Photo 4	Elizabeth Hanna	E&N Hardware	Brown's Hardware	245 Beach 116th Street, Queens, NY 11694	4-16212-0021	Substantial alterations at 1st and 2nd floors. Circa 1920, estimated (NYCDoITT).	
1C	See Photos 5 through 9	M&R Rockaway	M&R Rockaway	Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	Circa 1968 (NYCDoITT). 1-story cinder block and brick commercial building.	
				Nicole Frontera Beauty	103-22 Rockaway Beach Blvd, Queens, NY 11694			
				Burn Fitness/Cyber Zone Health Club	103-22 Rockaway Beach Blvd, Queens, NY 11694			
				Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694			
1D	See Photos 10 through 14	Breezy Point Cooperative	Breezy Point Cooperative	Breezy Point Community Center	17 West Market Street, Queens, NY 11697	4-16350-0300	1-story cinder block and vinyl-clad building with low pitched roof.	
				Caffrey-Conroy Learning Center	33 Beach 209 Street, Queens, NY 11697		No photo available	
				Breezy Point Warehouse/Shop	208 9th Avenue, Queens, NY 11697		No photo available	
				Breezy Point Field Dept. Office	207-19 8th Avenue, Queens, NY 11697		1-story cinder block and vinyl-clad building with sloped roof.	
				Breezy Point Lifeguard Quarters	58 Point Breezy Avenue, Queens, NY 11697		1-story long, narrow commercial building faced in vinyl and stucco, with non-original windows and doorway.	
				The Hair Den	58 Point Breezy Avenue, Queens, NY 11697			
				Breezy Point Lumber Yard	28 Market Street, Breezy Point, NY 11697		1-story double-height warehouse building with vinyl siding	
				Breezy Point Travel Centre	61 Point Breezy Avenue, Queens, NY 11697		1-story cinder block building with vinyl siding and a low pitched roof	
Breezy Point Surf Shop	61 Point Breezy Avenue, Queens, NY 11697							
1E	See Photo 15	Tom Hughes	BINK Realty	Station Liquors/ Rockaway Artists Alliance	260 Beach 116th Street, Queens, NY 11694	4-16166-0483	2-story commercial building with substantial alterations, wood paneled siding. Circa 1953 (NYCDoITT).	
1F	See Photo 16	Robert Leckie	416 Beach 116th St. Corp.	The Wharf Bar & Grill	416 Beach 116th Street, Queens, NY 11694	4-16166-315	1- and 2-story house with several additions, including 1-story warehouse with pitched roof. Circa 1940 (NYCDoITT).	
1G	See Photo 17	Susan Locke	Wave Build Inc.	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	4-16123-0092	3-story Italianate commercial building with intact cornice and ashlar stone cladding at the 3rd floor. Substantially altered 1st and 2nd floors. Circa 1930 (NYCDoITT).	
1H	See Photo 18	Daniel Mirkin	253 Beach 116 Owners LLC	Mirkin Vision	253 Beach 116th Street, Queens, NY 11694	4-16212-0019	2-story Italianate commercial building with intact cornice, stucco cladding and non-original storefront. Circa 1930 (NYCDoITT).	
1I	See Photos 19 and 20	Bryan Bernarth	Bryan's Auto	Bryan's Auto Parts East Inc.	309 Beach 97th Street, Queens, NY 11693	4-16119-0071	1-story cinder block and brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
				Bryan's Auto East Ltd	87-15 Beach Channel Drive, Queens, NY 11693	4-16153-0069	1-story cinder block and brick block-like building. No architectural details. Circa 1945 (NYCDoITT). Garage.	
1J	See Photo 21	101 Deli Corp	101 Deli Corp	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	4-16156-0001	1-story, windowless red brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
1K	See Photo 22	Robert Brianna Corp	Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	5-03656-0069	1-story cinder block garage faced in stucco. Circa 1960 (NYCDoITT).	
1L	See Photo 23	Makai 116, LLC	Makai 116, LLC	Rogoffs	212 Beach 116th Street, Queens, NY 11694	4-16166-0003	1-story commercial building with plate glass windows, brick cladding, and extensive signage. Circa 1929 (NYCDoITT).	
1M	See Photos 24 and 25	Elms Realty LLC	Elms Realty LLC	Rockaway Food Market	186 Beach 116th Street, Queens, NY 11694	4-16188-0078	1-story commercial building with vinyl siding and a non-original storefront.	
				JKS Printing	188 Beach 116th Street, Queens, NY 11694			
				ADP Signs	190 Beach 116th Street, Queens, NY 11694		1- and 2-story narrow commercial buildings faced in brick with extensive signage. Circa 1929 (NYCDoITT).	
1N	See Photo 26	Jamica Bay Riding Academy	Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Can not locate	Large 1-story stables building with pitched roof and 1-story cinder block headhouse. Circa 1960, 4 buildings (NYCDoITT).	
1O	See Photo 27	7302 Beach Channel Drive Realty Corp	7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	4-16190-0020	1-story brick and cinder block commercial building. Circa 1965 (NYCDoITT).	
1P	See Photo 28	Nick Velardi's Service Station Inc.	Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	4-16078-0006	1-story brick/cinder block garage building. Circa 1920 (NYCDoITT).	
1Q	See Photo 29	Koufos Realty Corp	Koufos Realty Corp	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	4-16076-0001	1-story garage building faced in stucco and wood panels with a brick chimney. Circa 1957 (NYCDoITT).	
1R	See Photo 30	Josephine Martire	Lenny's of East Flatbush Inc.	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	4-14086-0005	1-story free-standing building faced in stucco. Circa 1960 (NYCDoITT).	
1S	See Photo 31	Jo-Le Holding Corp	Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	4-13972-0086	1-story commercial building. Circa 1960 (NYCDoITT).	
1T	See Photo 32	Ritman Realty Corp	Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).	
1U	See Photo 33	Jihe Corp	Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).	
1V	See Photo 34	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0128	1-story steel-frame, masonry-clad building. Circa 1998 (NYCDoITT).	
1W	See Photo 35	Arka Investors Inc.	Arka Investors Inc.	Cuisine by Claudette	143 Beach 116th Street, Queens, NY 11694	4-16226-0023	1-story brick-faced attached commercial building with no original storefronts. Circa 1929, estimate (NYCDoITT).	
				Rockapup	145 Beach 116th Street, Queens, NY 11694			
1X	See Photo 36	Rian Realty LLC	Rian Realty LLC	Drive Safe Auto Storage	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).	
1Y	See Photo 37	Channel Realty Co	Channel Realty Co	114-03 Beach Channel Drive, Queens, NY 11694	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0450	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).	
				Quick Spin Laundry	114-05 Beach Channel Drive, Queens, NY 11694			
				Empire Wok	114-07 Beach Channel Drive, Queens, NY 11694			
				Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694			
				Lily's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		1-story commercial strip with non-original storefronts. Constructed 1982 (Sanborn map)	

¹ The RISE : NYC program flood insurance requirements apply to all businesses located in the Special Flood Hazard Area. This analysis is based on the accepted 2007 FIRMs.

² For comparison, this analysis indicates which sites are in the SFHA according to the 2013 PFRMs.

³ All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same bu



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

May 11, 2016

Ms. Dina Rybak
NYCEDC
110 William Street 4th floor
New York, NY 10038

Re: CDBG-DR
RISE:NYC - NYC Daylighting
Multiple Sites in Queens, Brooklyn, and Staten Island, NY (See Attached)
16PR02836

Dear Ms. Rybak:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Please see the attached list of addresses for the reviewed properties. Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont
Deputy Commissioner for Historic Preservation

Properties Reviewed under 16PR02836

Business	Sites	Addresses	Borough-Block-Lot	
Beach Channel Drive Realty	J. Mehlman	114-12 Beach Channel Drive, Queens, NY 11694	4-16166-304	
	Animal Hospital of the Rockaways	114-10 Beach Channel Drive, Queens, NY 11694		
	Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694		
		Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694	4-16166-312
		Dr. Rogoff's Dental Group	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-313
		Main Building	115-06 Beach Channel Drive, Queens, NY 11694	4-16166-314
		Interior Offices	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-315
	Belle Harbor Pharmacies	115-14 Beach Channel Drive, Queens, NY 11694	4-16166-316	
E&N Hardware				
	Brown's Hardware	245 Beach 116th Street, Queens, NY 11694	4-16212-0021	
M&R Rockaway	Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	
	Nicole Frontera Beauty	103-22 Rockaway Beach Blvd, Queens, NY 11694		
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		Breezy Point Travel Cente		61 Point Breeze Avenue, Queens, NY 11697
		Breezy Point Surf Shop		61 Point Breeze Avenue, Queens, NY 11697
BINK Realty				
	Station Liquors/ Rockaway Artists Alliance	260 Beach 116th Street, Queens, NY 11694	4-16166-0483	
416 Beach 116th St. Corp.				
	The Wharf Bar & Grill	416 Beach 116th Street, Queens, NY 11694	4-16166-315	
Wave Build Inc.				
	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	4-16123-0092	
253 Beach 116 Owners LLC				
	Mirkin Vision	253 Beach 116th Street, Queens, NY 11694	4-16212-0019	
Bryan's Auto				
	Bryan's Auto Parts East Inc.	309 Beach 97th Street, Queens, NY 11693	4-16119-0071	
	Bryan's Auto East Ltd	87-15 Beach Channel Drive, Queens, NY 11693	4-16153-0069	
101 Deli Corp				
	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	4-16156-0001	
Robert Brianna Corp				
	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	5-03656-0069	

Division for Historic Preservation

Rogoff's	212 Beach 116th Street, Queens, NY 11694	4-16166-0003
Rockaway Food Market	186 Beach 116th Street, Queens, NY 11694	4-16188-0078
JKS Printing	188 Beach 116th Street, Queens, NY 11694	
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Division for Historic Preservation

New York State Department of State (DOS)



New York City Economic Development Corporation

April 30, 2015

New York State Department of State
Office of Coastal, Local Government, and Community Sustainability
Attn: Consistency Review Unit
One Commerce Plaza
99 Washington Avenue
Albany, NY 12231

Re: General Consistency Concurrence for the RISE: NYC – NYC Daylighting Project, Queens and Richmond Counties, New York

To whom it may concern:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of Community Development Block Grant—Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD). The funding program is for storm recovery activities in New York City. OMB is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The New York City Economic Development Corporation (NYCEDC), as a project sponsor, is acting on behalf of OMB in providing the enclosed information and request for consultation.

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The first project under RISE: NYC is Solatube Daylighting Systems, which is described in further detail below.

Proposed Project Description:

The proposed project would result in the installation of Solatube Daylighting Systems at each of the small businesses identified in Table 1 and Figures 1a through 1y. Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. The exterior, roof-mounted portion of the system range in diameter from 10 to 21 inches and extend between 3 and 11 inches above the surface of the roof. Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, the businesses can conserve generator power for critical non-lighting uses. Installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be in the buildings' interior.

The purpose of this letter is to notify your office of the proposed undertaking and to initiate your review of the project's consistency with the New York Coastal Management Program. A Federal Consistency Assessment Form is attached to this letter. It is our determination that the proposed project is consistent with the policies of the State's Coastal Management Program, as well as with the New York City's Local

Waterfront Revitalization Program. Consultation has also been initiated with the New York City Department of City Planning/City Planning Commission acting at the City Coastal Commission; materials submitted to NYCDCP are also attached to this letter.

If you have any other concerns about the implementation of the proposed project, please contact me by email to drybak@edc.nyc, by phone at 212.618.5763, or in writing to Dina Rybak, c/o NYCEDC, 110 William Street, NY, NY 10036. Thank you for your time and consideration.

Sincerely,

Dina Rybak
Assistant Vice President
NYC Economic Development Corporation

enc: Figures 1a through 1y, Project Location Maps
Table 1 RISE: NYC—NYC Daylighting Project Sites
Materials submitted to NYCDCP for LWRP consistency review

cc: Eram Qadri, New York City Office of Management and Budget

TABLE

1
RISE : NYC
NYC Daylighting Project Sites
Contract Number 55090009

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			Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694			
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1K	Robert Brianna Corp	Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	5-03656-0069	1-story cinder block garage faced in stucco. Circa 1960 (NYCDoITT).	
			Rogoff's	212 Beach 116th Street, Queens, NY 11694	4-16166-0003	1-story commercial building with plate glass windows, brick cladding, and extensive signage. Circa 1929 (NYCDoITT).	
1M	Elms Realty LLC	Elms Realty LLC	Rockaway Food Market	186 Beach 116th Street, Queens, NY 11694	4-16188-0078	1-story commercial building with vinyl siding and a non-original storefront.	
			JKS Printing	188 Beach 116th Street, Queens, NY 11694			
			ADP Signs	190 Beach 116th Street, Queens, NY 11694		1- and 2-story narrow commercial buildings faced in brick with extensive signage. Circa 1929 (NYCDoITT).	
1N	Jamica Bay Riding Academy	Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Can not locate	Large 1-story stables building with pitched roof and 1-story cinder block headhouse. Circa 1960, 4 buildings (NYCDoITT).	
1O	7302 Beach Channel Drive Realty Corp	7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	4-16190-0020	1-story brick and cinder block commercial building. Circa 1965 (NYCDoITT).	
1P	Nick Velardi's Service Station Inc.	Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	4-16078-0006	1-story brick/cinder block garage building. Circa 1920 (NYCDoITT).	
1Q	Koufos Realty Corp	Koufos Realty Corp	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	4-16076-0001	1-story garage building faced in stucco and wood panels with a brick chimney. Circa 1957 (NYCDoITT).	
1R	Josephine Martire	Lenny's of East Flatbush Inc.	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	4-14086-0005	1-story free-standing building faced in stucco. Circa 1960 (NYCDoITT).	
1S	Jo-Le Holding Corp	Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	4-13972-0086	1-story commercial building. Circa 1960 (NYCDoITT).	
1T	Ritman Realty Corp	Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).	
1U	Jihe Corp	Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).	
1V	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0128	1-story steel-frame, masonry-clad building. Circa 1998 (NYCDoITT).	
			Cuisine by Claudette	143 Beach 116th Street, Queens, NY 11694			
1W	Arka Investors Inc.	Arka Investors Inc.	Rockapup	145 Beach 116th Street, Queens, NY 11694	4-16226-0023	1-story brick-faced attached commercial building with no original storefronts. Circa 1929, estimate (NYCDoITT).	
			Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).	
1Y	Channel Realty Co	Channel Realty Co	Storage	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0450	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).	
			Quick Spin Laundry	114-05 Beach Channel Drive, Queens, NY 11694			
			Empire Wok	114-07 Beach Channel Drive, Queens, NY 11694			
			Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694			
			Lily's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		1-story commercial strip with non-original storefronts. Constructed 1962 (Sanborn map)	

¹ The RISE : NYC program flood insurance requirements apply to all businesses located in the Special Flood Hazard Area. This analysis is based on the accepted 2007 FIRMs.

² For comparison, this analysis indicates which sites are in the SFHA according to the 2013 PFRIMs

³ All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same bu

**New York City Department of City Planning
(DCP)**



New York City Economic Development Corporation

April 25, 2015

Michael Marrella, Director of Waterfront and Open Space
New York Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Re: Waterfront Revitalization Program Consistency Concurrence for the RISE: NYC – NYC Daylighting Project, Kings, Queens, and Richmond Counties, New York

Mr. Marrella:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of Community Development Block Grant—Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD). The funding program is for storm recovery activities in New York City. OMB is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The New York City Economic Development Corporation (NYCEDC), as a project sponsor, is acting on behalf of OMB in providing the enclosed information and request for consultation.

NYCEDC Resiliency Innovations for a Stronger Economy (RISE: NYC) is a Superstorm Sandy business recovery and resiliency program that helps New York City small businesses adapt to and mitigate the impacts of climate change through the use of innovative technologies. Businesses and residences alike throughout the five boroughs sustained substantial damage from Superstorm Sandy. Flood damage to businesses was significant and recovery was slow due to widespread power outages and fuel shortages.

The first project under RISE: NYC is Solatube Daylighting Systems, which is described in further detail below.

Proposed Project Description:

The proposed project would result in the installation of Solatube Daylighting Systems at each of the small businesses identified in Table 1 and Figures 1a through 1y. Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. The exterior, roof-mounted portion of the system range in diameter from 10 to 21 inches and extend between 3 and 11 inches above the surface of the roof. Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, the businesses can conserve generator power for critical non-lighting uses. Installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be in the buildings' interior.

The purpose of this letter is to notify your office of the proposed undertaking and to initiate your review of the project's consistency with the New York City Local Waterfront Revitalization Program (LWRP). A LWRP Consistency Assessment Form is attached to this letter. It is our determination that the proposed project is consistent with the policies of the NYC LWRP. Consultation will also be initiated with the New York State Department of State to determine consistency with the New York Coastal Zone Management Program.

If you have any other concerns about the implementation of the proposed project, please contact me by email to drybak@edc.nyc, by phone at 212.618.5763, or in writing to Dina Rybak, c/o NYCEDC, 110 William Street, NY, NY 10036. Thank you for your time and consideration.

Sincerely,

Dina Rybak
Assistant Vice President
NYC Economic Development Corporation

enc: Figures 1a through 1y, Project Location Maps
Table 1 RISE: NYC—NYC Daylighting Project Sites

cc: Eram Qadri, New York City Office of Management and Budget

TABLE 1

RISE : NYC
 NYC Daylighting Project Sites
 Contract Number 55090009

Figure Name	Owner	Business	Sites	Addresses	Borough-Block-Lot	Building description/condition	
1A	Patrick O'Rourke Realty LLC	Beach Channel Drive Realty	J. Mehlman	114-12 Beach Channel Drive, Queens, NY 11694	4-16166-304	1-story stone-faced commercial buildings with non-original cladding. Circa 1950 (NYCDoITT).	
			Animal Hospital of the Rockaways	114-10 Beach Channel Drive, Queens, NY 11694			
			Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694	4-16166-312		
			Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694			
			Dr. Rogoff's Dental Group	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-313		1- and 2-story commercial buildings faced in stone and a corrugated cladding material. Non-original cladding. Circa 1929, estimated (NYCDoITT).
			Main Building	115-06 Beach Channel Drive, Queens, NY 11694	4-16166-314		1- and 2-story commercial buildings faced in stone and stucco. Non-original cladding. Circa 1957 and circa 1929 (estimated) (NYCDoITT).
Interior Offices	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-315					
1B	Elizabeth Hanna	E&N Hardware	Belle Harbor Pharmacies	115-14 Beach Channel Drive, Queens, NY 11694	4-16166-316	Substantial alterations at 1st and 2nd floors. Circa 1920, estimated (NYCDoITT).	
			Brown's Hardware	245 Beach 116th Street, Queens, NY 11694	4-16212-0021		
1C	M&R Rockaway	M&R Rockaway	Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	Circa 1968 (NYCDoITT). 1-story cinder block and brick commercial building.	
			Nicole Frontera Beauty	103-22 Rockaway Beach Blvd, Queens, NY 11694			
			Bum Fitness/Cyber Zone Health Club	103-22 Rockaway Beach Blvd, Queens, NY 11694			
			Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694			
1D	Breezy Point Cooperative	Breezy Point Cooperative	Breezy Point Community Center	17 West Market Street, Queens, NY 11697	4-16350-0300	1-story cinder block and vinyl-clad building with low pitched roof.	
			Caffrey-Conroy Learning Center	33 Beach 209 Street, Queens, NY 11697		No photo available	
			Breezy Point Warehouse/Shop	208 9th Avenue, Queens, NY 11697		No photo available	
			Breezy Point Field Dept. Office	207-19 8th Avenue, Queens, NY 11697		1-story cinder block and vinyl-clad building with sloped roof.	
			Breezy Point Lifeguard Quarters	58 Point Breeze Avenue, Queens, NY 11697		1-story long, narrow commercial building faced in vinyl and stucco, with non-original windows and doorway.	
			The Hair Den	58 Point Breeze Avenue, Queens, NY 11697			
			Breezy Point Lumber Yard	28 Market Street, Breezy Point, NY 11697		1-story double-height warehouse building with vinyl siding	
			Breezy Point Travel Cante	61 Point Breeze Avenue, Queens, NY 11697		1-story cinder block building with vinyl siding and a low pitched roof	
Breezy Point Surf Shop	61 Point Breeze Avenue, Queens, NY 11697						
1E	Tom Hughes	BINK Realty	Station Liquors/ Rockaway Artists Alliance	260 Beach 116th Street, Queens, NY 11694	4-16166-0483	2-story commercial building with substantial alterations, wood paneled siding. Circa 1953 (NYCDoITT).	
1F	Robert Leckie	416 Beach 116th St. Corp.	The Wharf Bar & Grill	416 Beach 116th Street, Queens, NY 11694	4-16166-315	1- and 2-story house with several additions, including 1-story warehouse with pitched roof. Circa 1940 (NYCDoITT).	
1G	Susan Locke	Wave Build Inc.	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	4-16123-0092	3-story Italianate commercial building with intact cornice and ashlar stone cladding at the 3rd floor. Substantially altered 1st and 2nd floors. Circa 1930 (NYCDoITT).	
1H	Daniel Mirkin	253 Beach 116 Owners LLC	Mirkin Vision	253 Beach 116th Street, Queens, NY 11694	4-16212-0019	2-story Italianate commercial building with intact cornice stucco cladding and non-original storefront. Circa 1930 (NYCDoITT).	
1I	Bryan Bemarth	Bryan's Auto	Bryan's Auto Parts East Inc.	309 Beach 97th Street, Queens, NY 11693	4-16119-0071	1-story cinder block and brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
			Bryan's Auto East Ltd	87-15 Beach Channel Drive, Queens, NY 11693	4-16153-0069	1-story cinder block and brick block-like building. No architectural details. Circa 1945 (NYCDoITT). Garage.	
1J	101 Deli Corp	101 Deli Corp	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	4-16156-0001	1-story, windowless red brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
1K	Robert Brianna Corp	Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	5-03656-0069	1-story cinder block garage faced in stucco. Circa 1960 (NYCDoITT).	
1L	Makai 116, LLC	Makai 116, LLC	Rogoff's	212 Beach 116th Street, Queens, NY 11694	4-16166-0003	1-story commercial building with plate glass windows, brick cladding, and extensive signage. Circa 1929 (NYCDoITT).	
1M	Elms Realty LLC	Elms Realty LLC	Rockaway Food Market	186 Beach 116th Street, Queens, NY 11694	4-16188-0078	1-story commercial building with vinyl siding and a non-original storefront.	
			JKS Printing	188 Beach 116th Street, Queens, NY 11694			
			ADP Signs	190 Beach 116th Street, Queens, NY 11694		1- and 2-story narrow commercial buildings faced in brick with extensive signage. Circa 1929 (NYCDoITT).	
1N	Jamica Bay Riding Academy	Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Can not locate	Large 1-story stables building with pitched roof and 1-story cinder block headhouse. Circa 1960, 4 buildings (NYCDoITT).	
1O	7302 Beach Channel Drive Realty Corp	7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	4-16190-0020	1-story brick and cinder block commercial building. Circa 1965 (NYCDoITT).	
1P	Nick Velardi's Service Station Inc.	Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	4-16078-0006	1-story brick/cinder block garage building. Circa 1920 (NYCDoITT).	
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1T	Ritman Realty Corp	Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).	
1U	Jihe Corp	Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).	
1V	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0128	1-story steel-frame, masonry-clad building. Circa 1998 (NYCDoITT).	
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			Rockapup	145 Beach 116th Street, Queens, NY 11694			
1X	Rian Realty LLC	Rian Realty LLC	Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).	
1Y	Channel Realty Co	Channel Realty Co	Storage	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0450	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).	
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			Empire Wok	114-07 Beach Channel Drive, Queens, NY 11694			
			Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694			
			Lily's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		1-story commercial strip with non-original storefronts. Constructed 1962 (Sanborn map)	

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³ All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same bu

-----Original Message-----

From: Allan Zaretsky (DCP) [mailto:AZARETSKY@planning.nyc.gov]

Sent: Tuesday, May 24, 2016 2:31 PM

To: Dina Rybak

Cc: Caldwell, Denise (DOS); Michael Marrella (DCP)

Subject: RE: RISE:NYC program - waterfront consistency reviews

Hello Dina,

We have completed the review of the project as described below for consistency with the policies and intent of the New York City Waterfront Revitalization Program (WRP).

NYC Daylighting Project: Installation of roof-mounted light collectors and interior light transmission tubes and diffusers on numerous small businesses throughout NYC's coastal communities.

Based on the information submitted, the Waterfront Open Space Division, on behalf of the New York City Coastal Commission, having reviewed the waterfront aspect of this action, finds that the actions will not substantially hinder the achievement of any Waterfront Revitalization Program (WRP) policy and hereby provides its finding to the New York State Department of State (DOS) that this action is consistent with the WRP policies and the local program. Please note that the proposed action(s) are subject to consistency review and approval by the New York State Department of State (DOS) in accordance with the New York State Coastal Management Program.

This finding is only applicable to the information received and the current proposal. Any additional information or project modifications would require an independent consistency review.

For your records, this project has been assigned WRP # 16-068. The matching DOS file reference number is F-2016-0412. If there are any questions regarding this review, please contact me.

Regards,
Allan Zaretsky

ALLAN ZARETSKY
RESILIENCY PLANNER * WATERFRONT & OPEN SPACE

NYC DEPT. OF CITY PLANNING
120 BROADWAY, 31st FLOOR * NEW YORK, NY 10271
212-720-3448 | AZARETSKY@planning.nyc.gov

Follow us on Twitter @NYCPlanning
www.nyc.gov/planning/resiliency

**New York Natural Heritage Program
(NYNHP)**



New York City Economic Development Corporation

April 30, 2016

Information Services
New York Natural Heritage Program
625 Broadway – 5th Floor
Albany, NY 12233-4757

RE: RISE: NYC – NYC Daylighting Project, Queens and Richmond Counties, New York: Request for information on listed species and significant natural communities

Dear Information Services:

I am writing to request a search of your files for any records of state-listed plant or animal species or significant habitats in the vicinity of multiple small businesses in southern Queens, New York (Queens County), one business in Brooklyn, New York (Kings County), and one business in the Midland Beach neighborhood of Staten Island, New York (Richmond County) (Table 1, Figures 1a-1y) at which The New York City Economic Development Corporation's (EDC) Resiliency Innovations for a Stronger Economy (RISE) program is proposing to install Solatube Daylighting Systems. Solatube Daylighting Systems reflect and transmit natural light from a building's roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses' dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, the businesses can conserve generator power for critical non-lighting uses. Installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be in the buildings' interior.

In support of the NEPA Categorical Exclusion being prepared for the proposed project, I am requesting records of NYS threatened, endangered, and special concern species, and significant habitats within or in the vicinity of each of the project sites shown in the attached table and figures. Specific information on the location of sensitive species or habitats provided by NHP will not be published in any document unless permission is granted by the State.

Please send the requested information to me by mail at Dina Rybak, c/o NYCEDC, 110 William Street 4th Floor, New York, NY 10038 or by email to drybak@edc.nyc. I can be reached by phone at 212.618.5763 if you have any questions regarding this request. Thank you for your time and assistance.

Sincerely,

Dina Rybak
Assistant Vice President
NYC Economic Development Corporation

enc: Figures 1a through 1y, Project Location Maps
Table 1 RISE: NYC—NYC Daylighting Project Sites

cc: Eram Qadri, New York City Office of Management and Budget

TABLE 1

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 Contract Number 55090009

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			Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694	4-16166-312		
			Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694			
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			Main Building	115-06 Beach Channel Drive, Queens, NY 11694	4-16166-314		
Interior Offices	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-315	1- and 2-story commercial buildings faced in stone and stucco. Non-original cladding. Circa 1957 and circa 1929 (estimated) (NYCDoITT).				
1B	Elizabeth Hanna	E&N Hardware	Belle Harbor Pharmacies	115-14 Beach Channel Drive, Queens, NY 11694	4-16166-316		
			Brown's Hardware	245 Beach 116th Street, Queens, NY 11694	4-16212-0021	Substantial alterations at 1st and 2nd floors. Circa 1920, estimated (NYCDoITT).	
1C	M&R Rockaway	M&R Rockaway	Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	Circa 1968 (NYCDoITT). 1-story cinder block and brick commercial building.	
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			Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694			
1D	Breezy Point Cooperative	Breezy Point Cooperative	Breezy Point Community Center	17 West Market Street, Queens, NY 11697	4-16350-0300	1-story cinder block and vinyl-clad building with low pitched roof.	
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1R	Josephine Martire	Lenny's of East Flatbush Inc.	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	4-14086-0005	1-story free-standing building faced in stucco. Circa 1960 (NYCDoITT).	
1S	Jo-Le Holding Corp	Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	4-13972-0086	1-story commercial building. Circa 1960 (NYCDoITT).	
1T	Ritman Realty Corp	Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).	
1U	Jihe Corp	Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).	
1V	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0128	1-story steel-frame, masonry-clad building. Circa 1998 (NYCDoITT).	
1W	Arka Investors Inc.	Arka Investors Inc.	Cuisine by Claudette	143 Beach 116th Street, Queens, NY 11694	4-16226-0023	1-story brick-faced attached commercial building with no original storefronts. Circa 1929, estimate (NYCDoITT).	
			Rockapup	145 Beach 116th Street, Queens, NY 11694			
1X	Rian Realty LLC	Rian Realty LLC	Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).	
1Y	Channel Realty Co	Channel Realty Co	Storage	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0450	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).	
			Quick Spin Laundry	114-05 Beach Channel Drive, Queens, NY 11694			
			Empire Wok	114-07 Beach Channel Drive, Queens, NY 11694			
			Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694			
			Lily's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		1-story commercial strip with non-original storefronts. Constructed 1962 (Sanborn map)	

¹ The RISE : NYC program flood insurance requirements apply to all businesses located in the Special Flood Hazard Area. This analysis is based on the accepted 2007 FIRMs.

² For comparison, this analysis indicates which sites are in the SFHA according to the 2013 PFRIMs

³ All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same bu

**United States Fish and Wildlife Service
(USFWS)**

April 30, 2016

Steve Sinkevich
Senior Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Long Island Field Office (Region 5)
340 Smith Road
Shirley, N.Y. 11967

RE: Section 7 Informal Consultation – RISE: NYC – NYC Daylighting Project, Kings, Queens, and Richmond Counties, New York

Dear Mr. Sinkevich,

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the New York City Office of Management and Budget (OMB) is acting as a recipient of Community Development Block Grant—Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD). The funding program is for storm recovery activities in New York City. OMB is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The New York City Economic Development Corporation (NYCEDC), as a project sponsor, is acting on behalf of OMB in providing the enclosed information and request for consultation.

NYCEDC Resiliency Innovations for a Stronger Economy (RISE: NYC) is a Superstorm Sandy business recovery and resiliency program that helps New York City small businesses adapt to and mitigate the impacts of climate change through the use of innovative technologies. Businesses and residences alike throughout the five boroughs sustained substantial damage from Superstorm Sandy. Flood damage to businesses was significant and recovery was slow due to widespread power outages and fuel shortages.

The first project under RISE: NYC is Solatube Daylighting Systems, which is described in further detail below.

Proposed Project Description:

The proposed project would result in the installation of Solatube Daylighting Systems at each of the small businesses identified in Table 1 and Figures 1a through 1y. Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. The exterior, roof-mounted portion of the system range in diameter from 10 to 21 inches and extend between 3 and 11 inches above the surface of the roof. Solatube Daylighting Systems reflect and transmit natural light from a building’s roof to dark interior spaces, providing maximum light penetration with minimal heat gain. The installation of Solatube technology reduces small businesses’ dependence on the electrical grid to provide daytime lighting, making these businesses more resilient to power outages. In the event of a grid failure, the businesses can conserve generator power for critical non-lighting uses. Installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be in the buildings’ interior.

Endangered Species Act (ESA)

Because the proposed project would receive funding from the U.S. Department of Housing and Urban Development, section 7 of the Endangered Species Act (ESA) requires consultation of the U.S. Fish and Wildlife Service (USFWS) to determine whether any federally threatened, endangered, candidate, or proposed species, or their designated critical habitats could be affected. The USFWS Information for Planning and Conservation System lists the piping plover (*Charadrius melodus*; Threatened), roseate tern (*Sterna dougallii*; Endangered), *rufa* subspecies of the red knot (*Calidris canutus rufa*; Proposed Threatened), and seabeach amaranth (*Amaranthus pumilus*; Threatened) as occurring within Queens County, and the piping plover and roseate tern as occurring within Richmond County. No critical habitats are listed for either area.

Each of these species is associated with coastal habitats and would be limited to the oceanfront and/or bayside shorelines of Queens and Staten Island, with the exception of the roseate tern, which could also be found nesting on island marshes and foraging over open water. The project site on Staten Island is well inland, more than 1 mile from the shoreline and closest beach (Franklin D. Roosevelt Beach), and in an urbanized area. Piping plovers and roseate terns are not considered to have the potential to occur in the vicinity of this project site, and as such, there would be no potential impacts to these species from the rooftop installation of the Solatube Daylighting System at this location.

Each of the project sites on the Rockaway Peninsula of Queens is a minimum of 850 feet from the nearest sandy beach. A few of the sites are located in a shopping plaza on the bay side of the peninsula, off of Beach Channel Drive and Beach 116th Street. The bayside shoreline behind and to the east of the shopping plaza is bulkheaded, and to the west, is armored with rip-rap. As such, no suitable habitat is available in the area for piping plovers, red knots, or seabeach amaranth. No suitable nesting habitat is available for roseate terns, and on only rare occasions might roseate terns fly and/or forage over the offshore waters of Jamaica Bay. As described above, installation of the Solatube Daylighting Systems would entail some small construction work on the roof of each building to install the light receptor, while the rest of the work would be inside. No disturbances to roseate terns, piping plovers, or red knots would be expected to occur from the work at these buildings, and there would be no disturbance of shoreline habitat that could have any potential to affect seabeach amaranth.

Overall, it is concluded that the proposed project would not adversely affect the piping plover, red knot, roseate tern, or seabeach amaranth, and would therefore be in compliance with section 7 of the ESA, as amended. Similarly, it is also concluded that the proposed project would comply with the Neotropical Migratory Bird Treaty Act given that no take of birds protected under the Act would result from the proposed project. We request the concurrence of the USFWS with this determination of no effect within 15 days. If we do not receive a response within that timeframe we will assume your concurrence.

Coastal Barrier Resources Act

The proposed project includes one structure, the Jamaica Bay Riding Academy (7000 Shore Parkway, Brooklyn), which is located within the Jamaica Bay Unit NY-60P of the John H. Chafee Coastal Barrier Resources System. The Riding Academy has provided recreational horseback riding opportunities at this location since 1972, before the enactment of the Coastal Barrier Resources Act of 1982 and subsequent amendments. The proposed project is a minor modification of an existing structure that would provide resilience and increased public safety during storm events that result in an interruption of electrical power to this recreational facility. The project would not result in any change to the existing horseback riding recreational activity within the property, would not result in the construction of any new impervious surfaces or affect the resources or natural storm protective buffer provided by this portion of the mapped coastal barrier.

For these reasons, we have concluded the funding of the proposed project to be consistent with the Coastal Barrier Resources Act and the exception to limitations on expenditure in Section 3505(a)(6)(A) pertaining to expenditures that provide assistance for recreational projects within the Coastal Barrier Resources System.

If you have any other concerns about the implementation of the proposed project, please contact me by email to drybak@edc.nyc, by phone at 212.618.5763, or in writing to Dina Rybak, c/o NYCEDC, 110 William Street, NY, NY 10036. Thank you for your time and consideration.

Sincerely,

Dina Rybak
Assistant Vice President
NYC Economic Development Corporation

enc: Figures 1a through 1y, Project Location Maps
Table 1 RISE: NYC—NYC Daylighting Project Sites

cc: Eram Qadri, New York City Office of Management and Budget

TABLE 1

RISE : NYC
 NYC Daylighting Project Sites
 Contract Number 55090009

Figure Name	Owner	Business	Sites	Addresses	Borough-Block-Lot	Building description/condition	
1A	Patrick O'Rourke Realty LLC	Beach Channel Drive Realty	J. Mehlman	114-12 Beach Channel Drive, Queens, NY 11694	4-16166-304	1-story stone-faced commercial buildings with non-original cladding. Circa 1950 (NYCDoITT).	
			Animal Hospital of the Rockaways	114-10 Beach Channel Drive, Queens, NY 11694			
			Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694	4-16166-312		
			Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694			
			Dr. Rogoff's Dental Group	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-313		1- and 2-story commercial buildings faced in stone and a corrugated cladding material. Non-original cladding. Circa 1929, estimated (NYCDoITT).
			Main Building	115-06 Beach Channel Drive, Queens, NY 11694	4-16166-314		1- and 2-story commercial buildings faced in stone and stucco. Non-original cladding. Circa 1957 and circa 1929 (estimated) (NYCDoITT).
Interior Offices	115-08 Beach Channel Drive, Queens, NY 11694	4-16166-315					
1B	Elizabeth Hanna	E&N Hardware	Belle Harbor Pharmacies	115-14 Beach Channel Drive, Queens, NY 11694	4-16166-316	Substantial alterations at 1st and 2nd floors. Circa 1920, estimated (NYCDoITT).	
			Brown's Hardware	245 Beach 116th Street, Queens, NY 11694	4-16212-0021		
1C	M&R Rockaway	M&R Rockaway	Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	Circa 1968 (NYCDoITT). 1-story cinder block and brick commercial building.	
			Nicole Frontera Beauty	103-22 Rockaway Beach Blvd, Queens, NY 11694			
			Bum Fitness/Cyber Zone Health Club	103-22 Rockaway Beach Blvd, Queens, NY 11694			
			Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694			
1D	Breezy Point Cooperative	Breezy Point Cooperative	Breezy Point Community Center	17 West Market Street, Queens, NY 11697	4-16350-0300	1-story cinder block and vinyl-clad building with low pitched roof.	
			Caffrey-Conroy Learning Center	33 Beach 209 Street, Queens, NY 11697		No photo available	
			Breezy Point Warehouse/Shop	208 9th Avenue, Queens, NY 11697		No photo available	
			Breezy Point Field Dept. Office	207-19 8th Avenue, Queens, NY 11697		1-story cinder block and vinyl-clad building with sloped roof.	
			Breezy Point Lifeguard Quarters	58 Point Breeze Avenue, Queens, NY 11697		1-story long, narrow commercial building faced in vinyl and stucco, with non-original windows and doorway.	
			The Hair Den	58 Point Breeze Avenue, Queens, NY 11697			
			Breezy Point Lumber Yard	28 Market Street, Breezy Point, NY 11697		1-story double-height warehouse building with vinyl siding	
			Breezy Point Travel Cante	61 Point Breeze Avenue, Queens, NY 11697		1-story cinder block building with vinyl siding and a low pitched roof	
1E	Tom Hughes	BINK Realty	Station Liquors/ Rockaway Artists Alliance	260 Beach 116th Street, Queens, NY 11694	4-16166-0483	2-story commercial building with substantial alterations, wood paneled siding. Circa 1953 (NYCDoITT).	
			The Wharf Bar & Grill	416 Beach 116th Street, Queens, NY 11694	4-16166-315	1- and 2-story house with several additions, including 1-story warehouse with pitched roof. Circa 1940 (NYCDoITT).	
1F	Robert Leckie	416 Beach 116th St. Corp.	The Wave Newspaper	88-08 Rockaway Beach Blvd, Queens, NY 11693	4-16123-0092	3-story Italianate commercial building with intact cornice and ashlar stone cladding at the 3rd floor. Substantially altered 1st and 2nd floors. Circa 1930 (NYCDoITT).	
			Mirkin Vision	253 Beach 116th Street, Queens, NY 11694	4-16212-0019	2-story Italianate commercial building with intact cornice stucco cladding and non-original storefront. Circa 1930 (NYCDoITT).	
1H	Daniel Mirkin	253 Beach 116 Owners LLC	Bryan's Auto Parts East Inc.	309 Beach 97th Street, Queens, NY 11693	4-16119-0071	1-story cinder block and brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
			Bryan's Auto East Ltd	87-15 Beach Channel Drive, Queens, NY 11693	4-16153-0069	1-story cinder block and brick block-like building. No architectural details. Circa 1945 (NYCDoITT). Garage.	
1J	101 Deli Corp	101 Deli Corp	101 Deli	100-16 Rockaway Beach Blvd, Queens, NY 11694	4-16156-0001	1-story, windowless red brick block-like building. No architectural details. Circa 1930 (NYCDoITT).	
1K	Robert Brianna Corp	Robert Brianna Corp	Four Seasons Service Station	11 Slater Blvd, Staten Island, NY 10305	5-03656-0069	1-story cinder block garage faced in stucco. Circa 1960 (NYCDoITT).	
			Rogoff's	212 Beach 116th Street, Queens, NY 11694	4-16166-0003	1-story commercial building with plate glass windows, brick cladding, and extensive signage. Circa 1929 (NYCDoITT).	
1M	Elms Realty LLC	Elms Realty LLC	Rockaway Food Market	186 Beach 116th Street, Queens, NY 11694	4-16188-0078	1-story commercial building with vinyl siding and a non-original storefront.	
			JKS Printing	188 Beach 116th Street, Queens, NY 11694			
			ADP Signs	190 Beach 116th Street, Queens, NY 11694		1- and 2-story narrow commercial buildings faced in brick with extensive signage. Circa 1929 (NYCDoITT).	
1N	Jamica Bay Riding Academy	Jamica Bay Riding Academy	Jamica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Can not locate	Large 1-story stables building with pitched roof and 1-story cinder block headhouse. Circa 1960, 4 buildings (NYCDoITT).	
1O	7302 Beach Channel Drive Realty Corp	7302 Beach Channel Drive Realty Corp	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	4-16190-0020	1-story brick and cinder block commercial building. Circa 1965 (NYCDoITT).	
1P	Nick Velardi's Service Station Inc.	Nick Velardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	4-16078-0006	1-story brick/cinder block garage building. Circa 1920 (NYCDoITT).	
1Q	Koufos Realty Corp	Koufos Realty Corp	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	4-16076-0001	1-story garage building faced in stucco and wood panels with a brick chimney. Circa 1957 (NYCDoITT).	
1R	Josephine Martire	Lenny's of East Flatbush Inc.	Lenny's Pizza	164-02 Cross Bay Blvd, Queens, NY 11414	4-14086-0005	1-story free-standing building faced in stucco. Circa 1960 (NYCDoITT).	
1S	Jo-Le Holding Corp	Jo-Le Holding Corp	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	4-13972-0086	1-story commercial building. Circa 1960 (NYCDoITT).	
1T	Ritman Realty Corp	Ritman Realty Corp	Gino's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).	
1U	Jihe Corp	Jihe Corp	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).	
1V	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	164-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0128	1-story steel-frame, masonry-clad building. Circa 1998 (NYCDoITT).	
			Cuisine by Claudette	143 Beach 116th Street, Queens, NY 11694			
1W	Arka Investors Inc.	Arka Investors Inc.	Rockapup	145 Beach 116th Street, Queens, NY 11694	4-16226-0023	1-story brick-faced attached commercial building with no original storefronts. Circa 1929, estimate (NYCDoITT).	
			Drive Safe Auto	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).	
1Y	Channel Realty Co	Channel Realty Co	Storage	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0450	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).	
			Quick Spin Laundry	114-05 Beach Channel Drive, Queens, NY 11694			
			Empire Wok	114-07 Beach Channel Drive, Queens, NY 11694			
			Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694			
			Lily's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		1-story commercial strip with non-original storefronts. Constructed 1962 (Sanborn map)	

¹ The RISE : NYC program flood insurance requirements apply to all businesses located in the Special Flood Hazard Area. This analysis is based on the accepted 2007 FIRMs.

² For comparison, this analysis indicates which sites are in the SFHA according to the 2013 PFRIMs

³ All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same bu

From: Gulden-Dunlop, Terra [mailto:terra_gulden-dunlop@fws.gov]
Sent: Tuesday, May 31, 2016 2:24 PM
To: Dina Rybak
Cc: Steve Sinkevich
Subject: RISE: NYC Daylighting Project

Ms. Rybak,

Please find attached our concurrence form for the Project: RISE:NYC -- NYC Daylighting Project. We concur with your determination of *No Effect* for projects 1A-1M, and 1O-1Y based on your description of the proposed areas.

We do not concur with a determination of *No Effect* for project 1N based on the information you have provided. The proposed project location contains suitable habitat for red knot. We believe that a *May Affect, Not Likely to Adversely Affect* would be a more appropriate determination. Please provide additional details regarding the installation of the Solatube Daylighting Systems for project 1N to support your determination. Please provide information regarding the method of installation, equipment used, duration of installation and when the project would be carried out (if known).

We are unable to meet your request for a 15 day response. While there is no timeline for the completion of informal consultation, we strive to respond to requests within 30 days. Consultations under the Endangered Species Act are not complete until the Service has concurred with the federal action agency's determination (informal consultation) or completed a formal consultation.

Thank you and I look forward to completing this consultation with you,
Terra

Terra Gulden-Dunlop
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Long Island Field Office
340 Smith Road
Shirley, NY 11967
[\(631\)286-0485](tel:(631)286-0485)



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Long Island Field Office

340 Smith Road

Shirley, NY 11967

Phone: (631) 286-0485 Fax: (631) 286-4003

<http://www.fws.gov/northeast/nyfo>

To: Dina Rybak, NYC Economic Development Corporation

Date: 5/31/16

USFWS File No: _____

Regarding your: letter FAX E-mail dated: 4/30/16

For project: RISE: NYC -- NYC Daylighting Project

Located: See Attached

In Town/County: Kings, Queens and Richmond Counties, New York

Pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*), the U.S. Fish and Wildlife Service:

- Acknowledges receipt of your "no effect" determination. No further ESA coordination or consultation is required.
Projects 1A-1M, 10-14. Please see email re: project 1N
- Acknowledges receipt of your determination. Please provide copy of your determination and supporting materials to any involved Federal agency for their final ESA determination.
- Is taking no action pursuant to ESA or any other legislation at this time but would like to be kept informed of project developments.

As a reminder, until the proposed project is complete, we recommend that you check our website (<http://www.fws.gov/northeast/nyfo/es/section7.htm>) every 90 days from the date of this letter to ensure that listed species presence/absence information for the proposed project area is current. Should project plans change or additional information on listed or proposed species or critical habitat become available, this determination may be reconsidered.

Pursuant to the Fish and Wildlife Coordination Act (FWCA) (48 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*),

- Requests additional time for review.
- Is providing FWCA comments (see attached).
- Will provide FWCA comments separately.
- Is taking no action pursuant to FWCA due to lack of funding.
- Has no objection pursuant to the FWCA.
- Is taking no action pursuant to the FWCA at this time but would like to be kept informed of project developments.

USFWS Contact(s): _____

Date 5/31/16

Supervisor: _____

Date _____

TABLE 1
RISE NYC
NYC Daylighting Project Sites
Contract Number 35560039

Figure Name	Owner	Business	Sites	Addresses	Borough-Block-Lot	Building description/condition
1A	Patrick O'Tourke Realty LLC	Beach Channel Drive Realty	J. McManis	114-12 Beach Channel Drive, Queens, NY 11694	4-16166-304	1-story stone-faced commercial buildings with non-original cladding. Circa 1950 (NYCDoITT).
			Animal Hospital of the Rockaways	114-10 Beach Channel Drive, Queens, NY 11694		
			Rockaway Bagels	114-08 Beach Channel Drive, Queens, NY 11694		
			Edward Jones Investments	115-10 Beach Channel Drive, Queens, NY 11694		
			Dr. Rogo's Dental Group	115-08 Beach Channel Drive, Queens, NY 11694		
1B	Elizabeth Hanna	E&N Hardware	Brown's Hardware	245 Beach 110th Street, Queens, NY 11694	4-16212-0021	Substantial alterations at 1st and 2nd floors. Circa 1920 estimated (NYCDoITT).
			Strands Hair Salon	103-22 Rockaway Beach Blvd, Queens, NY 11694	4-16176-1	Circa 1968 (NYCDoITT). 1-story cinder block and brick commercial building.
Nicole Fiorina Beauty	103-22 Rockaway Beach Blvd, Queens, NY 11694					
Blum Fitness/Cyber Zone Health Club	103-22 Rockaway Beach Blvd, Queens, NY 11694					
Rockaway Park Physical Therapy	103-22 Rockaway Beach Blvd, Queens, NY 11694					
1D	Breezy Point Cooperative	Breezy Point Cooperative	Breezy Point Community Center	17 West Market Street, Queens, NY 11697	4-16950-0300	1-story cinder block and vinyl-clad building with low pitched roof.
			Caffrey-Conroy Learning Center	33 Beach 206 Street, Queens, NY 11697		No photo available
			Breezy Point Warehouse/Shop	208 8th Avenue, Queens, NY 11697		No photo available
			Breezy Point Field Capt. Office	207-19 5th Avenue, Queens, NY 11697		1-story cinder block and vinyl-clad building with steeped roof.
			Breezy Point Lifeguard Quarters	58 Point Breeze Avenue, Queens, NY 11697		1-story long, narrow commercial building faced in vinyl and stucco, with non-original windows and doors.
			The Hair Den	58 Point Breeze Avenue, Queens, NY 11697		1-story double-height warehouse building with vinyl siding.
			Breezy Point Lumber Yard	25 Market Street, Breezy Point, NY 11697		1-story cinder block building with vinyl siding and a flat pitched roof.
			Breezy Point Travel Center	61 Point Breeze Avenue, Queens, NY 11697		
Breezy Point Surf Shop	61 Point Breeze Avenue, Queens, NY 11697					
1E	Tom Hughes	B/NK Realty	Station Liquors/Rockaway Artists Alliance	290 Beach 116th Street, Queens, NY 11694	4-16188-0453	2-story commercial building with substantial alterations, wood paneled siding. Circa 1953 (NYCDoITT).
1F	Robert Leckie	416 Beach 116th St. Corp.	The Wharf Bar & Grill	416 Beach 116th Street, Queens, NY 11694	4-16166-315	1- and 2-story house with several additions, including 1-story warehouse with pitched roof. Circa 1940 (NYCDoITT).
			The Wave Newspaper	58-28 Rockaway Beach Blvd, Queens, NY 11693	4-16123-0092	3-story Italianate commercial building with intact cornice and cast-iron stone cladding at the 3rd floor. Substantially altered 1st and 2nd floors. Circa 1930 (NYCDoITT).
1H	Daniel Mirkin	253 Beach 116 Owners LLC	Mirkin Vision	253 Beach 116th Street, Queens, NY 11694	4-16212-0019	2-story Italianate commercial building with intact cornice stucco cladding and non-original storefront. Circa 1930 (NYCDoITT).
1I	Bryan Bernath	Bryan's Auto	Bryan's Auto Parts East, Inc.	309 Beach 97th Street, Queens, NY 11693	4-16119-0071	1-story cinder block and brick block-like building. No architectural details. Circa 1930 (NYCDoITT).
			Bryan's Auto East Ltd.	87-15 Beach Channel Drive, Queens, NY 11693	4-16163-0060	1-story cinder block and brick block-like building. No architectural details. Circa 1945 (NYCDoITT). Garage.
1J	101 Dell Corp.	101 Dell Corp.	101 Dell	100-16 Rockaway Beach Blvd, Queens, NY 11694	4-16156-0001	1-story, windowless red brick block-like building. No architectural details. Circa 1930 (NYCDoITT).
1K	Robert Eterna Corp.	Robert Eterna Corp.	Four Seasons Service Station	11 Slaters Blvd, Staten Island, NY 10305	5-03656-0069	1-story cinder block garage faced in stucco. Circa 1960 (NYCDoITT).
1L	Makai 116, LLC	Makai 116, LLC	Rogo's	212 Beach 116th Street, Queens, NY 11694	4-16166-0003	1-story commercial building with plate glass windows, brick cladding, and extensive signage. Circa 1920 (NYCDoITT).
1M	Elms Realty LLC	Elms Realty LLC	Rockaway Food Market	196 Beach 115th Street, Queens, NY 11694	4-16163-0078	1-story commercial building with vinyl siding and a non-original storefront.
			J&S Printing	168 Beach 115th Street, Queens, NY 11694		1- and 2-story narrow commercial buildings faced in brick with extensive signage. Circa 1920 (NYCDoITT).
			5DP Signs	190 Beach 118th Street, Queens, NY 11694		
1N	Jamaica Bay Riding Academy	Jamaica Bay Riding Academy	Jamaica Bay Riding Academy	7000 Shore Parkway, Brooklyn, NY 11234	Can not locate	Large 1-story stables building with pitched roof and 17-story cinder block headhouse. Circa 1960. 4 buildings (NYCDoITT).
1O	7302 Beach Channel Drive Realty Corp.	7302 Beach Channel Drive Realty Corp.	T&M Auto	75-05 Beach Channel Drive, Queens, NY 11692	4-16100-0020	1-story brick and cinder block commercial building. Circa 1995 (NYCDoITT).
1P	Nick Veardi's Service Station Inc.	Nick Veardi's Service Station Inc.	Nick's Auto	733 Amstel Blvd, Queens, NY 11692	4-10078-0006	1-story brick/cinder block garage building. Circa 1920 (NYCDoITT).
1Q	Kaufos Realty Corp.	Kaufos Realty Corp.	Casino Auto	71-02 Beach Channel Drive, Queens, NY 11692	4-16076-0001	1-story garage building faced in stucco and wood panels with a brick chimney. Circa 1957 (NYCDoITT).
1R	Josephina Mantle	Lenny's of East Flatbush Inc.	Lenny's Pizza	184-02 Cross Bay Blvd, Queens, NY 11414	4-14086-0006	1-story free-standing building faced in stucco. Circa 1960 (NYCDoITT).
1S	Jo-Le Holding Corp.	Jo-Le Holding Corp.	Ragtime	157-48 Cross Bay Blvd, Queens, NY 11414	4-13972-0086	1-story commercial building. Circa 1960 (NYCDoITT).
1T	Ritman Realty Corp.	Ritman Realty Corp.	Siro's Pizza	10-38 Beach 20th Street, Queens, NY 11691	4-15561-0019	1-story commercial building with non-original cladding. Circa 1931, estimated (NYCDoITT).
1U	Jihe Corp.	Jihe Corp.	Liquor Town and Fine Wines	135-21 Cross Bay Blvd, Queens, NY 11417	4-11512-0037	1-story stucco-clad commercial building. Circa 1958 (NYCDoITT).
1V	FWS Realty LLC	FWS Realty LLC	Cross Bay Honda	184-01 Cross Bay Blvd, Queens, NY 11414	4-14207-0129	1-story steel-frame, masonry-clad building. Circa 1960 (NYCDoITT).
1W	Ariz Investors Inc.	Ariz Investors Inc.	Cuisine by Claudette	143 Beach 118th Street, Queens, NY 11694	4-16225-0023	1-story brick-faced attached commercial building with no original storefronts. Circa 1925, estimated (NYCDoITT).
			Redcapup	145 Beach 118th Street, Queens, NY 11694		
1X	Rian Realty LLC	Rian Realty LLC	Drive Safe Auto Storage	115-05 Beach Channel Drive, Queens, NY 11694	4-16166-0460	Large 1-story, double-height garage building with multiple openings. Circa 1952 (NYCDoITT).
1Y	Channel Realty Co.	Channel Realty Co.	Quick Rich Laundry	114-03 Beach Channel Drive, Queens, NY 11694	4-16166-0460	1-story commercial strip with non-original storefronts. Circa 1935, estimated (NYCDoITT).
			Empire Wax	114-05 Beach Channel Drive, Queens, NY 11694		
			Kim's Rainbow Cleaners	114-11 Beach Channel Drive, Queens, NY 11694		
			17's Nail Spa	114-13 Beach Channel Drive, Queens, NY 11694		

1 The RISE NYC program food insurance requirements apply to all businesses located in the Special Food Hazard Area. This analysis is based on the accepted 2007 F.R.M.s.

2 For comparison, this analysis indicates which sites are in the SFHA according to the 2013 F.R.M.s.

3 All addresses are located on same strip mall at 103-22 Rockaway Beach Blvd, Queens, NY 11694, but may be more easily found at 104-02 Rockaway Beach Blvd. These addresses reference the same building.

From: Dina Rybak
Sent: Wednesday, June 01, 2016 10:57 AM
To: 'Gulden-Dunlop, Terra'
Cc: 'Steve Sinkevich'
Subject: RE: RISE: NYC Daylighting Project

Hi Terra –

Thanks again for your email yesterday – I'm glad to hear you concur with our no effect determination for most of this project's sites. I wanted to follow up on your questions regarding Site 1N, the Jamaica Bay Riding Academy as shown in Figure 1N (7000 Shore Parkway, Brooklyn, NY).

Specifically, you requested additional project details to more fully understand potential impacts to the rufa subspecies of the red knot (*Calidris canutus rufa*; Proposed Threatened). I want to make sure that it's clear that the proposed project consists of installing a Solatube Daylighting System to the existing Riding Academy main building for the purpose of providing interior lighting. The project would only affect the existing building and not any of the undeveloped land or shoreline habitat that is part of the Riding Academy's larger property, as shown in Figure 1N. We had delineated the whole lot as the project site on Figure 1N, however, the installation is only happening on the building – that may have been misleading.

Construction would be mostly conducted indoors, with the exception of roof-mounting the small dome-shaped light reflector which redirects sunlight into the interior space of the existing building. As I mentioned in my letter, Solatube Daylighting Systems consist of roof-mounted light collectors and interior light transmission tubes and diffusers. Depending on models selected, the exterior, roof-mounted portion of the system would range in diameter from 10 inches to 21 inches and extend between 3 inches and 11 inches above the surface of the roof. Interior transmission systems consist of metallic tubing, threaded through attic or headspace, connecting the roof to the interior lighting fixture. The installation process from beginning to end typically lasts less than one day and requires only small hand tools.

Access to the Riding Academy for contractor's vehicles and equipment would be from the north, off the Belt Parkway. Temporary vehicle/equipment storage (if needed) would be in the existing parking lot. At no time would any construction or storage occur in the undeveloped lands to the south or anywhere near the Jamaica Bay shoreline which is located approximately 600 feet south of the Riding Academy's parking lot and structures. The built areas containing the Riding Academy facilities themselves (parking lot, buildings, outdoor riding rings) do not constitute habitat for the Red Knot during any portion of its life history. Installation of the Solatube interior lighting system would not increase nor decrease use of the Riding Academy nor change any of the indoor or outdoor trail riding programs that currently occur. As such, there is no potential for the proposed project to affect the red knot (*Calidris canutus rufa*) or any other federally-listed or proposed-listed species.

Please let me know if this information is sufficient to complete your review and if a no-effect determination is appropriate.

Many thanks!

DINA RYBAK
office: [212.618.5763](tel:212.618.5763)
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United States Department of the Interior



FISH AND WILDLIFE SERVICE

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http://www.fws.gov/northeast/nyfo

To: Dina Rybak

Date: 6/6/16

USFWS File No:

Regarding your: letter FAX E-mail dated: 4/30/16

For project: RISE: NYC - Daylighting Project

Located: Project 1N - Jamaica Bay

In Town/County: Queens County, NY

Pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), the U.S. Fish and Wildlife Service:

- Acknowledges receipt of your "no effect" determination. No further ESA coordination or consultation is required.
Acknowledges receipt of your determination. Please provide copy of your determination and supporting materials to any involved Federal agency for their final ESA determination.
Is taking no action pursuant to ESA or any other legislation at this time but would like to be kept informed of project developments.

As a reminder, until the proposed project is complete, we recommend that you check our website (http://www.fws.gov/northeast/nyfo/es/section7.htm) every 90 days from the date of this letter to ensure that listed species presence/absence information for the proposed project area is current.

Pursuant to the Fish and Wildlife Coordination Act (FWCA) (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.),

- Requests additional time for review.
Is providing FWCA comments (see attached).
Will provide FWCA comments separately.
Is taking no action pursuant to FWCA due to lack of funding.
Has no objection pursuant to the FWCA.
Is taking no action pursuant to the FWCA at this time but would like to be kept informed of project developments.

USFWS Contact(s): [Signature] Date 6/16/16

Supervisor: _____ Date _____