APPENDIX B
WATERFRONT REVITALIZATION PROGRAM CONSISTENCY ASSESSMENT FORMS

FOR INTERNAL USE ONLY	WRP No. #16-115
Date Received: _____	DOS No. _____

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: DD West 29th LLC, c/o Douglaston Development

Name of Applicant Representative: Steven Charno

Address: 42-09 235th Street, Douglaston, NY 11363

Telephone: (212) 400-9292 Email: scharno@ddny.com

Project site owner (if different than above): _____

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The applicant—DD West 29th LLC (Applicant A)—is requesting discretionary actions to facilitate the redevelopment of the site located at 601 West 29th Street in the West Chelsea neighborhood of Manhattan Community District 4, on Block 675, Lots 12, 29, and 36 (project site A), which is bounded by West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues. Project site A is part of a larger project area that includes project site B located at 606 West 30th Street as well as an intervening lot (Lot 38), which is not part of either project site. Project site A would be rezoned to a C6-4X commercial district from an M2-3 manufacturing district and included in the Special Hudson River Park District, eligible to become a receiving site for development rights from the Hudson River Park Trust (HRPT), pursuant to the special district regulations. In addition to the project area, the affected area includes a portion of Hudson River Park, which is the granting site for the transfer of floor area to the project site; the granting site as well as the receiving sites would be mapped as part of the Special Hudson River Park District. Project site B and intervening Lot 38 will be evaluated in a separate WRP form. Project site A would contain residential uses (up to 990 units); up to 15,000 gsf of retail uses; up to 21,000 gsf of accessory parking (up to 198 spaces); and up to 6,500 gsf of bicycle parking. The building may also include approximately 12,500-gsf to be occupied by an FDNY EMS station. See Chapter 1, "Project Description," for more information.

2. Purpose of activity

The proposed project is intended to enable the transformation of the eastern portion of an underutilized block (Block 675, Lots 12, 29, and 36) - bounded by West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues) into a vibrant mixed-use area. The proposed development would contribute to the vitality of the surrounding Chelsea and Hudson Yards neighborhoods, and provide housing for residents of varied incomes. The transfer of floor area to project site A would support significant improvements to Hudson River Park, a critical asset and an important amenity for neighborhoods in the surrounding area and beyond. See Chapter 1, "Project Description," for more information.

C. PROJECT LOCATION

Borough: Manhattan Tax Block/Lot(s): Block: 675, Lots 12, 29, and 36

Street Address: Between West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues

Name of water body (if located on the waterfront): _____

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☑ Yes ☐ No

☐	City Map Amendment	☑	Zoning Certification	☐	Concession
☑	Zoning Map Amendment	☐	Zoning Authorizations	☐	UDAAP
☑	Zoning Text Amendment	☐	Acquisition – Real Property	☐	Revocable Consent
☐	Site Selection – Public Facility	☐	Disposition – Real Property	☐	Franchise
☐	Housing Plan & Project	☐	Other, explain: _____		
☑	Special Permit				

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

Board of Standards and Appeals ☐ Yes ☑ No

☐ Variance (use)
☐ Variance (bulk)
☐ Special Permit
(if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

☐	Legislation	☐	Funding for Construction, specify: _____
☐	Rulemaking	☐	Policy or Plan, specify: _____
☐	Construction of Public Facilities	☐	Funding of Program, specify: _____
☐	384 (b) (4) Approval	☐	Permits, specify: _____
☐	Other, explain: _____		

State Actions/Approvals/Funding

☐ State permit or license, specify Agency: _____ Permit type and number: _____
☐ Funding for Construction, specify: _____
☐ Funding of a Program, specify: _____
☑ Other, explain: HRPT Significant Action pursuant to the Hudson River Park Act

Federal Actions/Approvals/Funding

☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
☐ Funding for Construction, specify: _____
☐ Funding of a Program, specify: _____
☐ 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).* ☐ Yes ☑ No

   ☐ 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
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☑	☐	☐
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☑	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☑	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☑	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☑
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.	☑	☐	☐

		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.**	☐	☐	☑
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☑
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☑
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☑
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☑
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.	☐	☐	☑
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☑	☐	☐
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☑
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☑	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☑
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☑
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☑
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☑	☐	☐
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☑
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☑
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☑	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☑
4.5	Protect and restore tidal and freshwater wetlands.	☑	☐	☐
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.	☐	☐	☑
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.	☑	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☑

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☑
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☑
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☑
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☑
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☑
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☑
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.**	☑	☐	☐
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.	☑	☐	☐
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.	☑	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☑
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☑
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.**	☑	☐	☐
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.	☑	☐	☐
7.2	Prevent and remediate discharge of petroleum products.	☑	☐	☐
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.	☐	☐	☑
8	**Provide public access to, from, and along New York City's coastal waters.**	☑	☐	☐
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☑	☐	☐
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☑
8.3	Provide visual access to the waterfront where physically practical.	☑	☐	☐
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☑	☐	☐

		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.	☑	☐	☐
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☑
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☑	☐	☐
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☑	☐	☐
9.2	Protect and enhance scenic values associated with natural resources.	☑	☐	☐
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☑
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☑

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: DD West 29th LLC, c/o Douglaston Development / Steven Charno

Address: 42-09 235th Street, Douglaston, NY 11363

Telephone: (212) 400-9292 Email: scharno@ddny.com

Applicant/Agent's Signature: 

Date: 11/2/17

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.

FOR INTERNAL USE ONLY	WRP No. #16-115
Date Received: _____	DOS No. _____

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: West 30th Street LLC

Name of Applicant Representative: David Karnovsky

Address: One New York Plaza, New York, NY 10004

Telephone: (212) 859-8927 Email: David.Karnovsky@friedfrank.com

Project site owner (if different than above): _____

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The applicant—West 30th Street LLC (Applicant B)—is requesting discretionary actions to facilitate the redevelopment of a project site (Project Site B) in the West Chelsea neighborhood of Manhattan Community District 4. Project Site B—606 West 30th Street is located on Block 675, Lot 39 bounded by West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues. Project site B is a part of a larger project area that includes project site A located at 601 West 29th Street as well as an intervening lot (Lot 38), which is not part of either project site. Project Site B and Lot 38 would be rezoned to a C6-4X commercial district from an M2-3 manufacturing district and included in the Special Hudson River Park District, eligible to become receiving sites for development rights from the Hudson River Park Trust (HRPT), pursuant to the special district regulations. In addition to the project area, the affected area includes a portion of Hudson River Park, which is the granting site for the transfer of floor area to the project site; the granting site as well as the receiving sites would be mapped as part of the Special Hudson River Park District. Project Site A will be evaluated in a separate WRP form. Project site B would contain residential uses (up to 217 units); up to 21,253 gsf of retail uses; and up to 37,045 gsf of accessory parking (up to 46 spaces). There is no proposal to develop Lot 38 at this time. However because Lot 38 would be rezoned and included in the Special Hudson River Park District as part of the proposed actions, its potential to be redeveloped under the proposed zoning is conservatively considered as part of the environmental review. This form will evaluate Project Site B and intervening Lot 38. See Chapter 1, "Project Description," for more information.

2. Purpose of activity

The proposed project is intended to enable the transformation of the eastern portion of an underutilized block (Block 675, Lots 38 and 39 - bounded by West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues) into a vibrant mixed-use area. The proposed development would contribute to the vitality of the surrounding Chelsea and Hudson Yards neighborhoods, and provide housing for residents of varied incomes. The transfer of floor area to the project site would support significant improvements to Hudson River Park, a critical asset and an important amenity for neighborhoods in the surrounding area and beyond. See Chapter 1, "Project Description," for more information.

C. PROJECT LOCATION

Borough: Manhattan Tax Block/Lot(s): Block: 675, Lots 38 and 39

Street Address: Between West 29th and West 30th Streets, Route 9A/Twelfth and Eleventh Avenues

Name of water body (if located on the waterfront): _____

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☑ Yes ☐ No

☐	City Map Amendment	☑	Zoning Certification	☐	Concession
☑	Zoning Map Amendment	☐	Zoning Authorizations	☐	UDAAP
☑	Zoning Text Amendment	☐	Acquisition – Real Property	☐	Revocable Consent
☐	Site Selection – Public Facility	☐	Disposition – Real Property	☐	Franchise
☐	Housing Plan & Project	☐	Other, explain: _____		
☑	Special Permit				

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

Board of Standards and Appeals ☐ Yes ☑ No

- ☐ Variance (use)
- ☐ Variance (bulk)
- ☐ Special Permit

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

Other City Approvals

☐	Legislation	☐	Funding for Construction, specify: _____
☐	Rulemaking	☐	Policy or Plan, specify: _____
☐	Construction of Public Facilities	☐	Funding of Program, specify: _____
☐	384 (b) (4) Approval	☐	Permits, specify: _____
☐	Other, explain: _____		

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☑ Other, explain: HRPT Significant Action pursuant to the Hudson River Park Act

Federal Actions/Approvals/Funding

- ☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ 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).*	☐ Yes	☑ No

- ☐ 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
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☑	☐	☐
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☑	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☑	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☑	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☑
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.	☑	☐	☐

		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.**	☐	☐	☑
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☑
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☑
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☑
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☑
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.	☐	☐	☑
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☑	☐	☐
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☑
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☑	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☑
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☑
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☑
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☑	☐	☐
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☑
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☑
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☑	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☑
4.5	Protect and restore tidal and freshwater wetlands.	☑	☐	☐
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.	☐	☐	☑
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.	☑	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☑

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☑
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☑
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☑
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☑
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☑
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☑
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.**	☑	☐	☐
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.	☑	☐	☐
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.	☑	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☑
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☑
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.**	☑	☐	☐
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.	☑	☐	☐
7.2	Prevent and remediate discharge of petroleum products.	☑	☐	☐
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.	☐	☐	☑
8	**Provide public access to, from, and along New York City's coastal waters.**	☑	☐	☐
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☑	☐	☐
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☑
8.3	Provide visual access to the waterfront where physically practical.	☑	☐	☐
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☑	☐	☐

		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.	☑	☐	☐
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☑
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☑	☐	☐
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☑	☐	☐
9.2	Protect and enhance scenic values associated with natural resources.	☑	☐	☐
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☑
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☑

G. CERTIFICATION

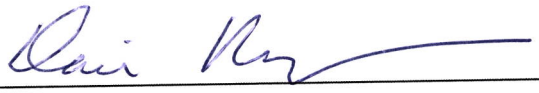
The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification 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: West 30th Street LLC / David Karnovsky

Address: One New York Plaza, New York, NY 10004

Telephone: (212) 859-8927 Email: David.Karnovsky@friedfrank.com

Applicant/Agent's Signature: 

Date: 11/2/17

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.

NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Workhsheet

COMPLETE INSTRUCTIONS ON HOW TO USE THIS WORKSHEET ARE PROVIDED IN THE "CLIMATE CHANGE ADAPTATION GUIDANCE" DOCUMENT AVAILABLE AT www.nyc.gov/wrp

Enter information about the project and site in highlighted cells in Tabs 1-3. HighTab 4 contains primary results. Tab 5, "Future Flood Level Projections" contains background computations. The remaining tabs contain additional results, to be used as relevant.Non-highlighted cells have been locked.

Background Information	
Project Name	Block 675 East
Location	601 West 29th Street (Block 675, Lots 12, 29 and 36)
Type(s)	☑ Residential, Commercial, ☐ Parkland, Open Space, and ☐ Tidal Wetland Restoration ☐ Critical Infrastructure or ☐ Industrial Uses ☐ Over-water Structures ☐ Shoreline Structures ☐ Transportation ☐ Wastewater ☐ Coastal Protection
Description	The proposed actions, include zoning map and text amendements and special permits to rezone an area on the eastern end of Block 675 (i.e. the project area) from an M2-3 manufacturing district to a C6-4X commercial district, which would permit residential, community facility, and local retail and service uses as well as increased density subject to the Special Hudson River Park District regulations. In addition to the project area, the affected area includes a portion of Hudson River Park, which is the granting site for the transfer of flood area to the project sites.
Planned Completion date	2022

The New York City Waterfront Revitalization Program Climate Change Adaptation Guidance document was developed by the NYC Department of City Planning. It is a guidance document only and is not intended to serve as a substitute for actual regulations. The City disclaims any liability for errors that may be contained herein and shall not be responsible for any damages, consequential or actual, arising out of or in connection with the use of this information. The City reserves the right to update or correct information in this guidance document at any time and without notice.

For technical assistance on using this worksheet, email wrp@planning.nyc.gov, using the message subject "Policy 6.2 Worksheet Error."

Last update: June 7, 2017

Establish current tidal and flood heights.

	FT (NAVD88)	Feet	Datum	Source
MHHW	2.28	**2.28**	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
1% flood height	11.00	**11.00**	**NAVD88**	*FEMA. Preliminary Flood Insurance Rate Map. Panel 3604970069G. Release Date: 12/05/2013*
As relevant:				
0.2% flood height	-->		**NAVD88**	
MHW	2.86	2.86	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
MSL	-0.64	-0.64	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
MLLW	-4.54	-4.54	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*

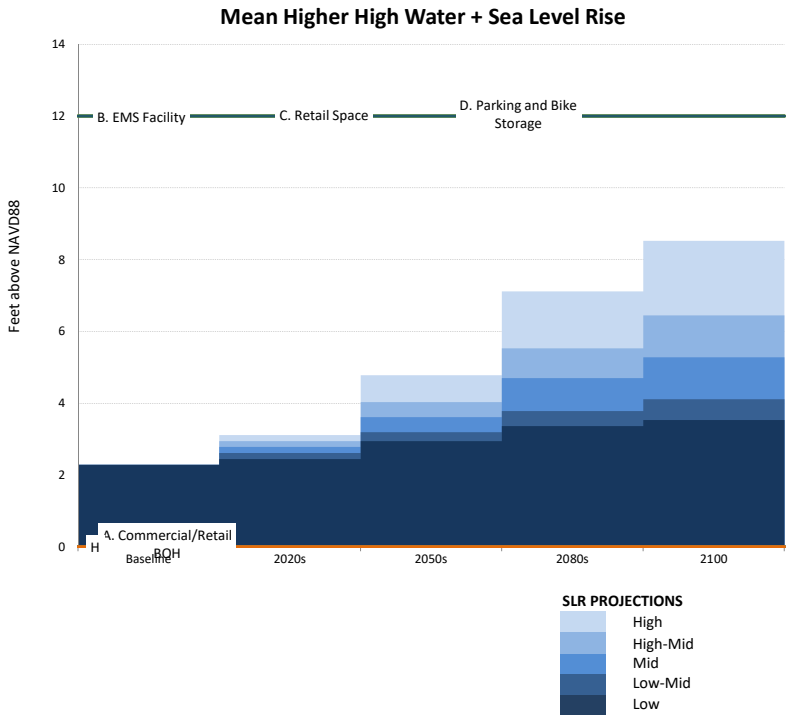
Data will be converted based on the following datums:

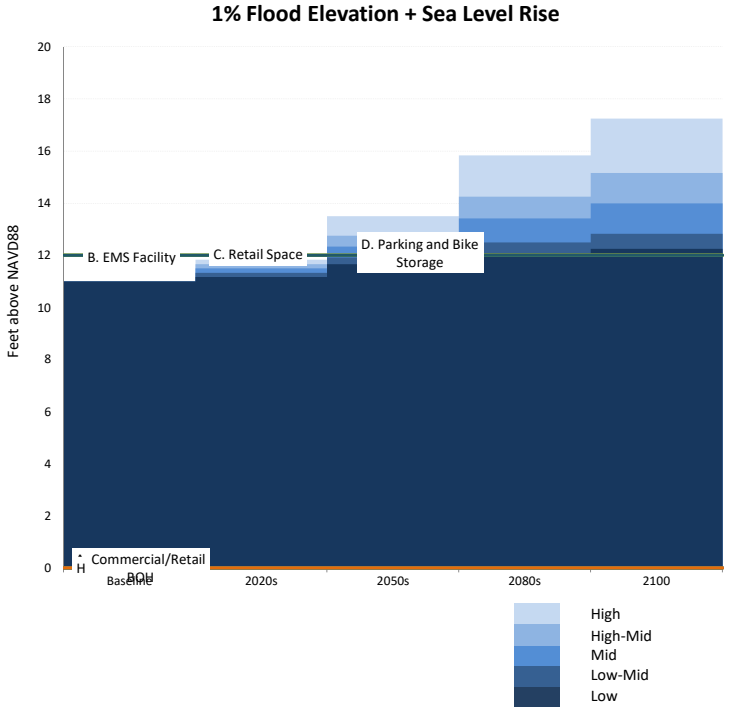
Datum	FT (NAVD88)
NAVD88	*0.00*
NGVD29	*-1.10*
Manhattan Datum	*1.65*
Bronx Datum	*1.51*
Brooklyn Datum (Sewer)	*0.61*
Brooklyn Datum (Highway)	*1.45*
Queens Datum	*1.63*
Richmond Datum	*2.09*
Station	0.00
MLLW	-4.54

Describe key physical features of the project.

Feature *(enter name)*	Feature Category	Lifespan	Elevation	Units	Datum	Ft	Ft Above NAVD88	Ft Above MHHW	Ft Above 1% flood height	Ft Above 0.2% flood height
A. Commercial/Retail BOH	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	50	0.0	Feet	NAVD88	*0.0*	*0.0*	*-2.3*	*-11.0*	*#VALUE!*
The cellar level is planned to be utilized for retail storage.										
B. EMS Facility	☐ Vulnerable ☑ Critical ☐ Potentially Hazardous ☐ Other	100	12.0	Feet	NAVD88	*12.0*	*12.0*	*9.7*	*1.0*	*#VALUE!*
In the event that a Fire Department of the City of New York (FDNY) Emergency Medical Services (EMS) station is located in the western portion of project site A, additional planning and resilience review would be necessary, and would be undertaken as part of the design and										
C. Retail Space	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100	12.0	Feet	NAVD88	*12.0*	*12.0*	*9.7*	*1.0*	*#VALUE!*
Entrances and facades that while higher than the current design flood elevation, will be below projected future levels. Therefore, the design team minimized street level openings to reduce exposure and carefully designed entrances to make them both pedestrian friendly with the ability										
D. Parking and Bike Storage	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100	12.0	Feet	NAVD88	*12.0*	*12.0*	*9.7*	*1.0*	*#VALUE!*
Parking, lobby, and other non-critical non-residential spaces would be either designed with deployable protective barriers so as to hold back flood waters up to an elevation of 14.5 ft. NAVD88, or designed such that flood waters entering these areas could be rapidly removed after										
E	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
F	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
G	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
H	☐ Vulnerable ☐ Critical ☑ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										

Assess project vulnerability over a range of sea level rise projections.





SLR (ft)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	0.00	0.00	0.00	0.00	0.00
2020s	0.17	0.33	0.50	0.67	0.83
2050s	0.67	0.92	1.33	1.75	2.50
2080s	1.08	1.50	2.42	3.25	4.83
2100	1.25	1.83	3.00	4.17	6.25

SLR (in)

	Low	Low-Mid	Mid	High-Mid	High
2014	0	0	0	0	0
2020s	2	4	6	8	10
2050s	8	11	16	21	30
2080s	13	18	29	39	58
2100	15	22	36	50	75

MHHW+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	2.28	2.28	2.28	2.28	2.28
2020s	2.45	2.61	2.78	2.95	3.11
2050s	2.95	3.20	3.61	4.03	4.78
2080s	3.36	3.78	4.70	5.53	7.11
2100	3.53	4.11	5.28	6.45	8.53

MLLW+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	-4.54	-4.54	-4.54	-4.54	-4.54
2020s	-4.37	-4.21	-4.04	-3.87	-3.71
2050s	-3.87	-3.62	-3.21	-2.79	-2.04
2080s	-3.46	-3.04	-2.12	-1.29	0.29
2100	-3.29	-2.71	-1.54	-0.37	1.71

1%+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	11.00	11.00	11.00	11.00	11.00
2020s	11.17	11.33	11.50	11.67	11.83
2050s	11.67	11.92	12.33	12.75	13.50
2080s	12.08	12.50	13.42	14.25	15.83
2100	12.25	12.83	14.00	15.17	17.25

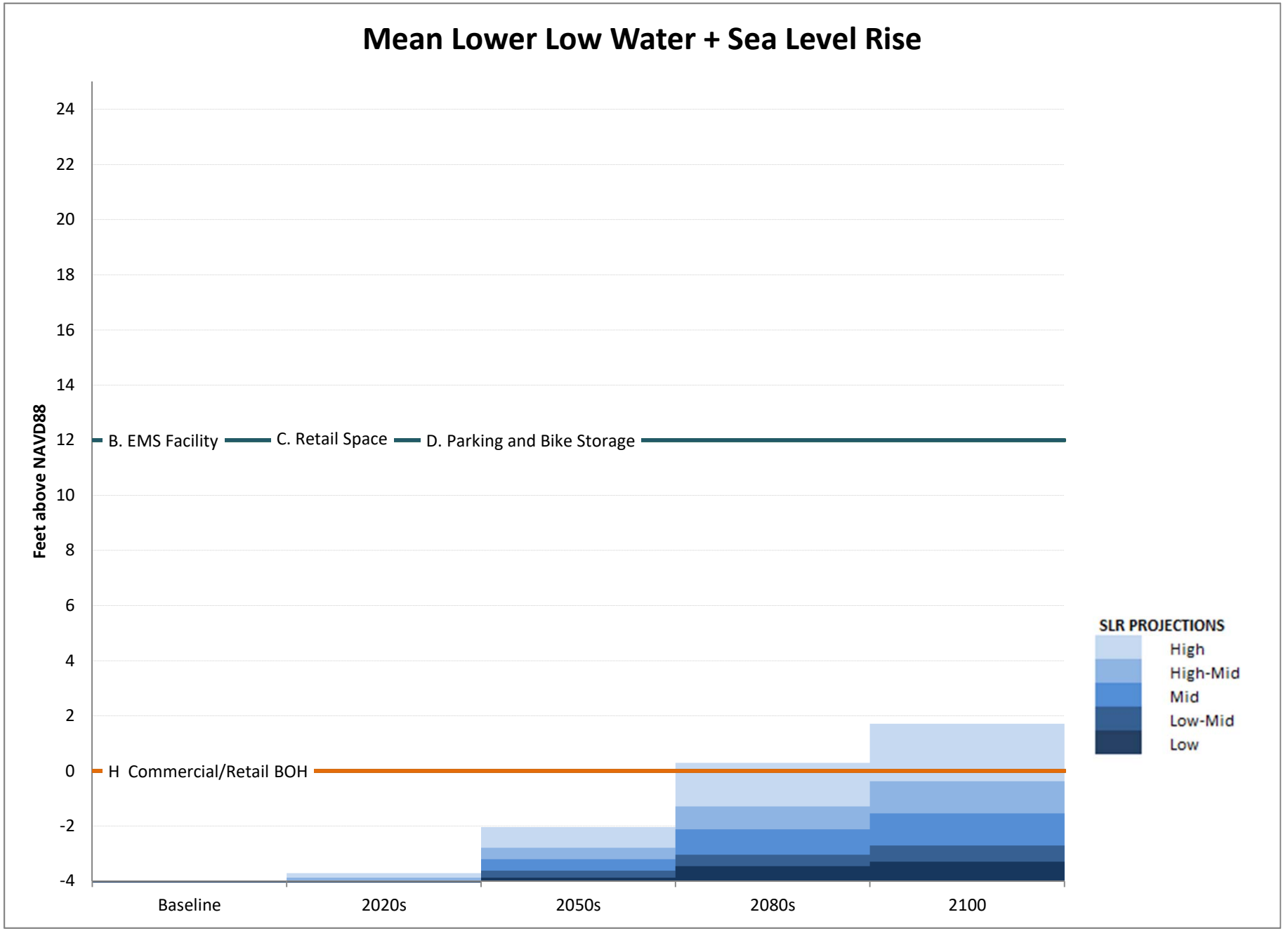
MSL+SLR (ft above NAVD88)

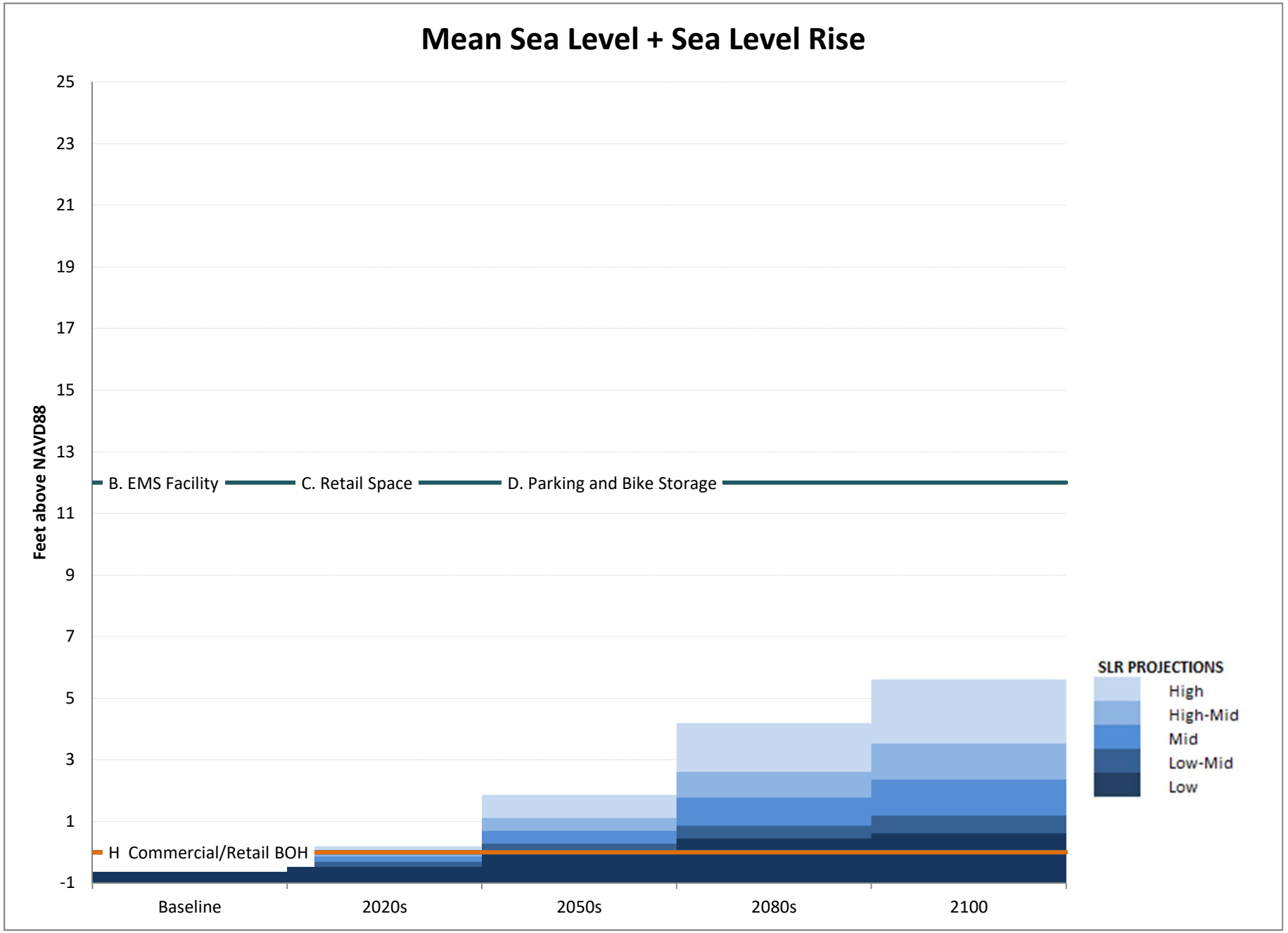
	Low	Low-Mid	Mid	High-Mid	High
Baseline	-0.64	-0.64	-0.64	-0.64	-0.64
2020s	-0.47	-0.31	-0.14	0.03	0.19
2050s	0.03	0.28	0.69	1.11	1.86
2080s	0.44	0.86	1.78	2.61	4.19
2100	0.61	1.19	2.36	3.53	5.61

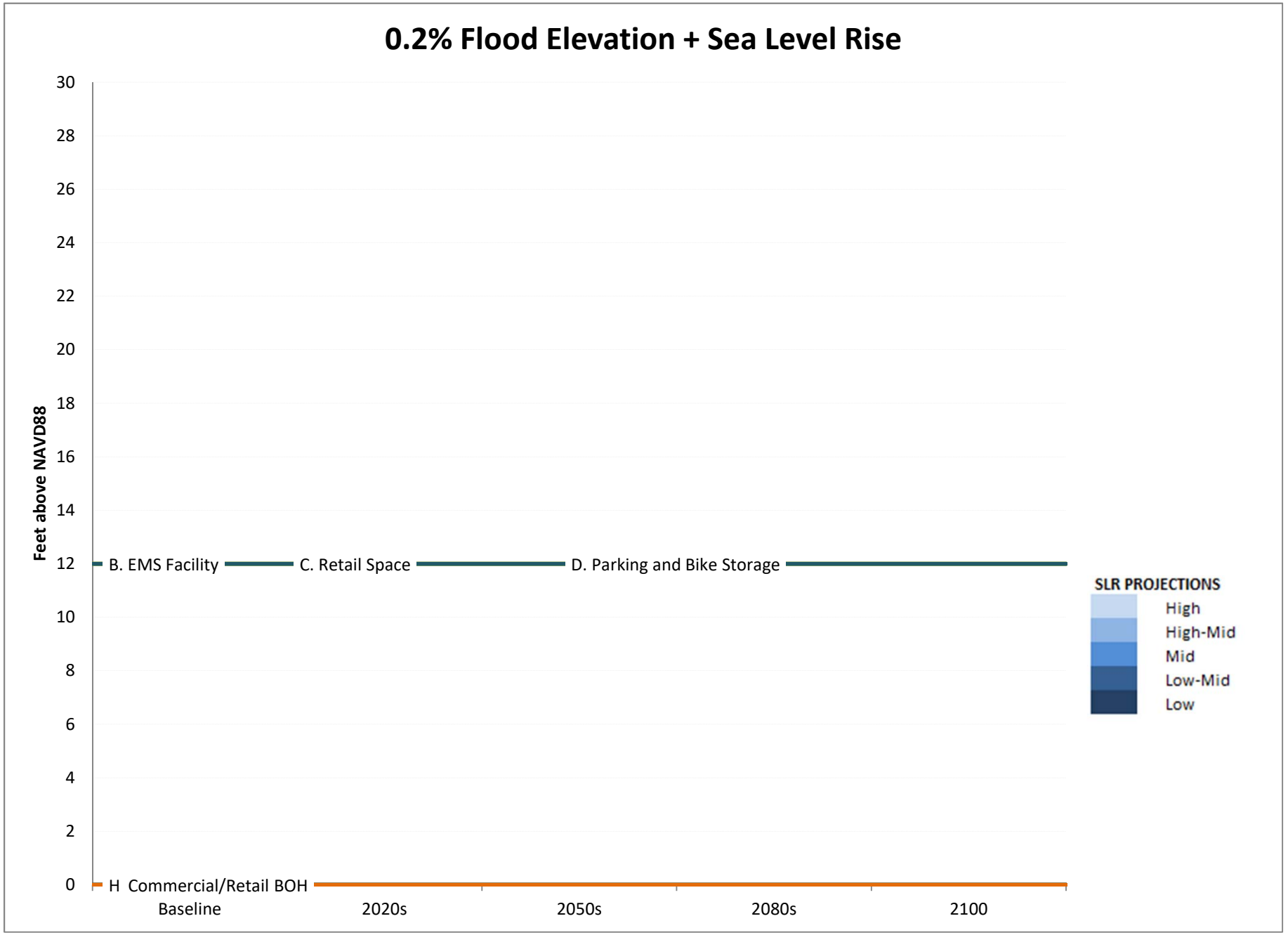
0.2%+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2020s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2050s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2080s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2100	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

	0	1
A. Commercial/Retail BOH	0	0
B. EMS Facility	12	12
C. Retail Space	12	12
D. Parking and Bike Storage	12	12
E	0	0
F	0	0
G	0	0
H	0	0


Mean Lower Low Water + Sea Level Rise
Feet above NAVD88
24
22
20
18
16
14
12
10
8
6
4
2
0
-2
-4
B. EMS Facility
C. Retail Space
D. Parking and Bike Storage
H Commercial/Retail BOH
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low


Mean Sea Level + Sea Level Rise
Feet above NAVD88
25
23
21
19
17
15
13
11
9
7
5
3
1
-1
B. EMS Facility
C. Retail Space
D. Parking and Bike Storage
H Commercial/Retail BOH
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low


0.2% Flood Elevation + Sea Level Rise
Feet above NAVD88
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
B. EMS Facility
C. Retail Space
D. Parking and Bike Storage
H Commercial/Retail BOH
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low

NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Workhsheet

COMPLETE INSTRUCTIONS ON HOW TO USE THIS WORKSHEET ARE PROVIDED IN THE "CLIMATE CHANGE ADAPTATION GUIDANCE" DOCUMENT AVAILABLE AT www.nyc.gov/wrp

Enter information about the project and site in highlighted cells in Tabs 1-3. HighTab 4 contains primary results. Tab 5, "Future Flood Level Projections" contains background computations. The remaining tabs contain additional results, to be used as relevant.Non-highlighted cells have been locked.

Background Information	
Project Name	Block 675 East
Location	606 West 30th Street (Block 675, Lots 38 and 39)
Type(s)	☑ Residential, Commercial, ☐ Parkland, Open Space, and ☐ Tidal Wetland Restoration ☐ Critical Infrastructure or ☐ Industrial Uses ☐ Over-water Structures ☐ Shoreline Structures ☐ Transportation ☐ Wastewater ☐ Coastal Protection
Description	The proposed actions, include zoning map and text amendments and special permits to rezone an area on the eastern end of Block 675 (i.e. the project area) from an M2-3 manufacturing district to a C6-4X commercial district, which would permit residential, community facility, and local retail and service uses as well as increased density subject to the Special Hudson River Park District regulations. In addition to the project area, the affected area includes a portion of Hudson River Park, which is the granting site for the transfer of floor area to the project sites
Planned Completion date	2022

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For technical assistance on using this worksheet, email wrp@planning.nyc.gov, using the message subject "Policy 6.2 Worksheet Error."

Last update: June 7, 2017

Establish current tidal and flood heights.

	FT (NAVD88)	Feet	Datum	Source
MHHW	2.28	**2.28**	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
1% flood height	11.00	**11.00**	**NAVD88**	*FEMA. Preliminary Flood Insurance Rate Map. Panel 3604970069G. Release Date: 12/05/2013*
As relevant:				
0.2% flood height	-->		**NAVD88**	
MHW	2.86	2.86	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
MSL	-0.64	-0.64	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*
MLLW	-4.54	-4.54	**NAVD88**	*https://tidesandcurrents.noaa.gov/benchmarks/8518750.html*

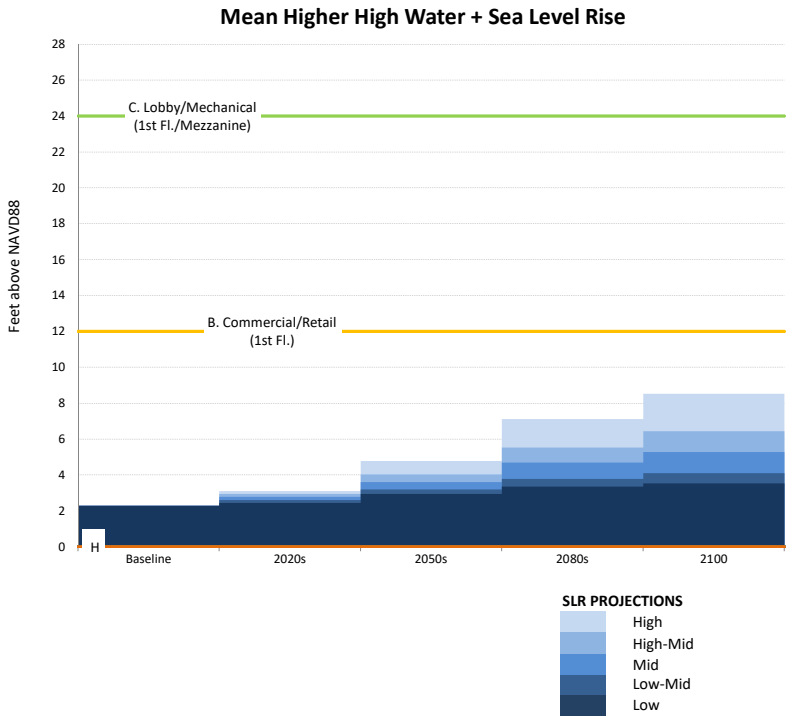
Data will be converted based on the following datums:

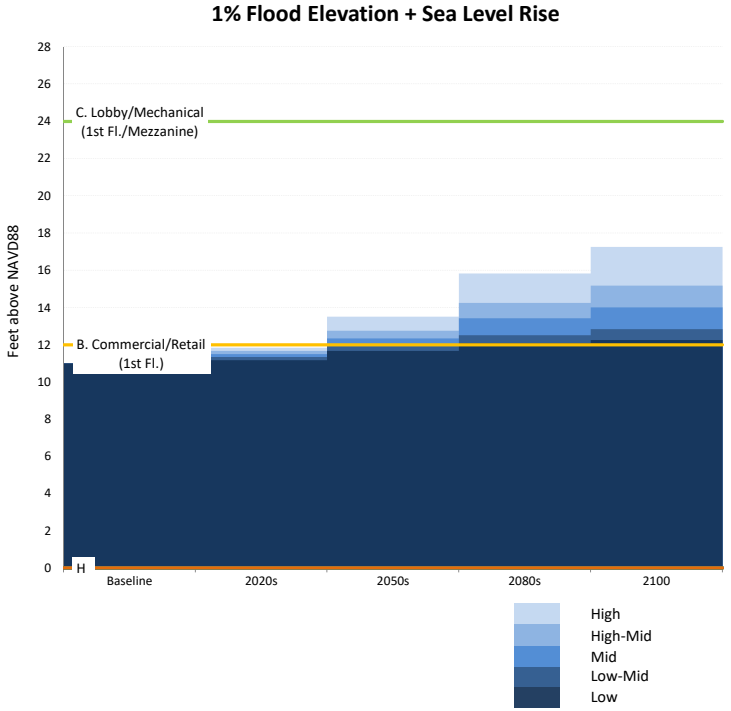
Datum	FT (NAVD88)
NAVD88	*0.00*
NGVD29	*-1.10*
Manhattan Datum	*1.65*
Bronx Datum	*1.51*
Brooklyn Datum (Sewer)	*0.61*
Brooklyn Datum (Highway)	*1.45*
Queens Datum	*1.63*
Richmond Datum	*2.09*
Station	0.00
MLLW	-4.54

Describe key physical features of the project.

Feature *(enter name)*	Feature Category	Lifespan	Elevation	Units	Datum	Ft	Ft Above NAVD88	Ft Above MHHW	Ft Above 1% flood height	Ft Above 0.2% flood height
A. Commercial/Retail BOH (Cellar)	☐ Vulnerable ☑ Critical ☐ Potentially Hazardous ☐ Other	50	-1.0	Feet	NAVD88	*-1.0*	*-1.0*	*-3.3*	*-12.0*	*#VALUE!*
The point of entry for all systems will be below grade and encased in flood proof construction until connection to main rooms above grade.										
B. Commercial/Retail (1st Fl.)	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100	12.0	Feet	NAVD88	*12.0*	*12.0*	*9.7*	*1.0*	*#VALUE!*
Commercial, parking, lobby, and other non-critical non-residential spaces would be either designed with deployable protective barriers so as to hold back flood waters up to an elevation of 14.5 feet NAVD88, or designed such that flood waters entering these areas could be rapidly										
C. Lobby/Mechanical (1st Fl./Mezzanine)	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100	24.0	Feet	NAVD88	*24.0*	*24.0*	*21.7*	*13.0*	*#VALUE!*
Flood proof/pedestrian friendly entrances. A deployable flood barrier system would be designed to be deployed and protect façade elements and openings should flood levels rise above levels that the design can accommodate without a barrier										
D.	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
E	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
F	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
G	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										
H	☐ Vulnerable ☐ Critical ☑ Potentially Hazardous ☐ Other			Feet	NAVD88					
Description of Planned Uses and Materials										

Assess project vulnerability over a range of sea level rise projections.





SLR (ft)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	0.00	0.00	0.00	0.00	0.00
2020s	0.17	0.33	0.50	0.67	0.83
2050s	0.67	0.92	1.33	1.75	2.50
2080s	1.08	1.50	2.42	3.25	4.83
2100	1.25	1.83	3.00	4.17	6.25

SLR (in)

	Low	Low-Mid	Mid	High-Mid	High
2014	0	0	0	0	0
2020s	2	4	6	8	10
2050s	8	11	16	21	30
2080s	13	18	29	39	58
2100	15	22	36	50	75

MHHW+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	2.28	2.28	2.28	2.28	2.28
2020s	2.45	2.61	2.78	2.95	3.11
2050s	2.95	3.20	3.61	4.03	4.78
2080s	3.36	3.78	4.70	5.53	7.11
2100	3.53	4.11	5.28	6.45	8.53

MLLW+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	-4.54	-4.54	-4.54	-4.54	-4.54
2020s	-4.37	-4.21	-4.04	-3.87	-3.71
2050s	-3.87	-3.62	-3.21	-2.79	-2.04
2080s	-3.46	-3.04	-2.12	-1.29	0.29
2100	-3.29	-2.71	-1.54	-0.37	1.71

1%+SLR (ft above NAVD88)

	Low	Low-Mid	Mid	High-Mid	High
Baseline	11.00	11.00	11.00	11.00	11.00
2020s	11.17	11.33	11.50	11.67	11.83
2050s	11.67	11.92	12.33	12.75	13.50
2080s	12.08	12.50	13.42	14.25	15.83
2100	12.25	12.83	14.00	15.17	17.25

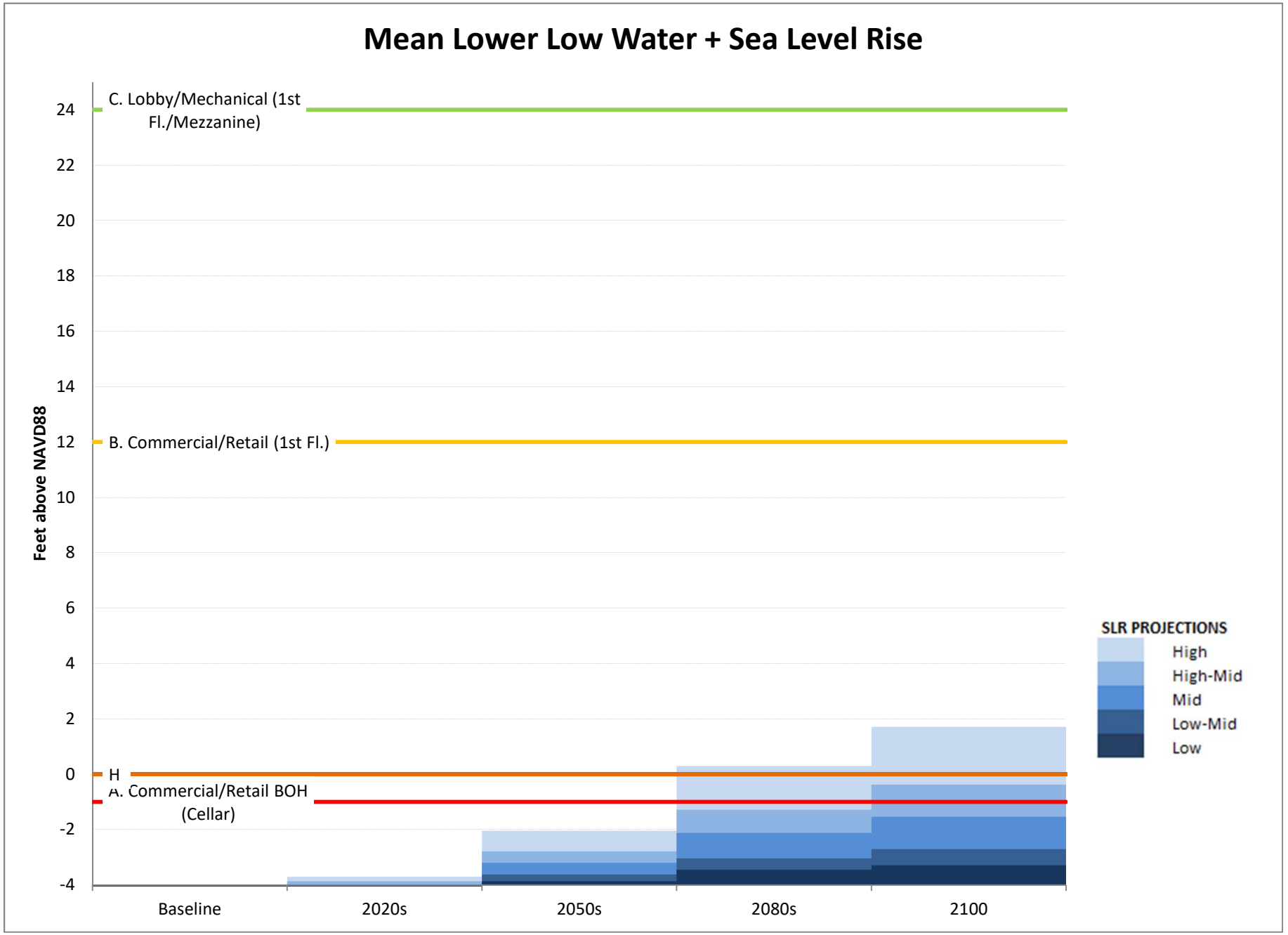
MSL+SLR (ft above NAVD88)

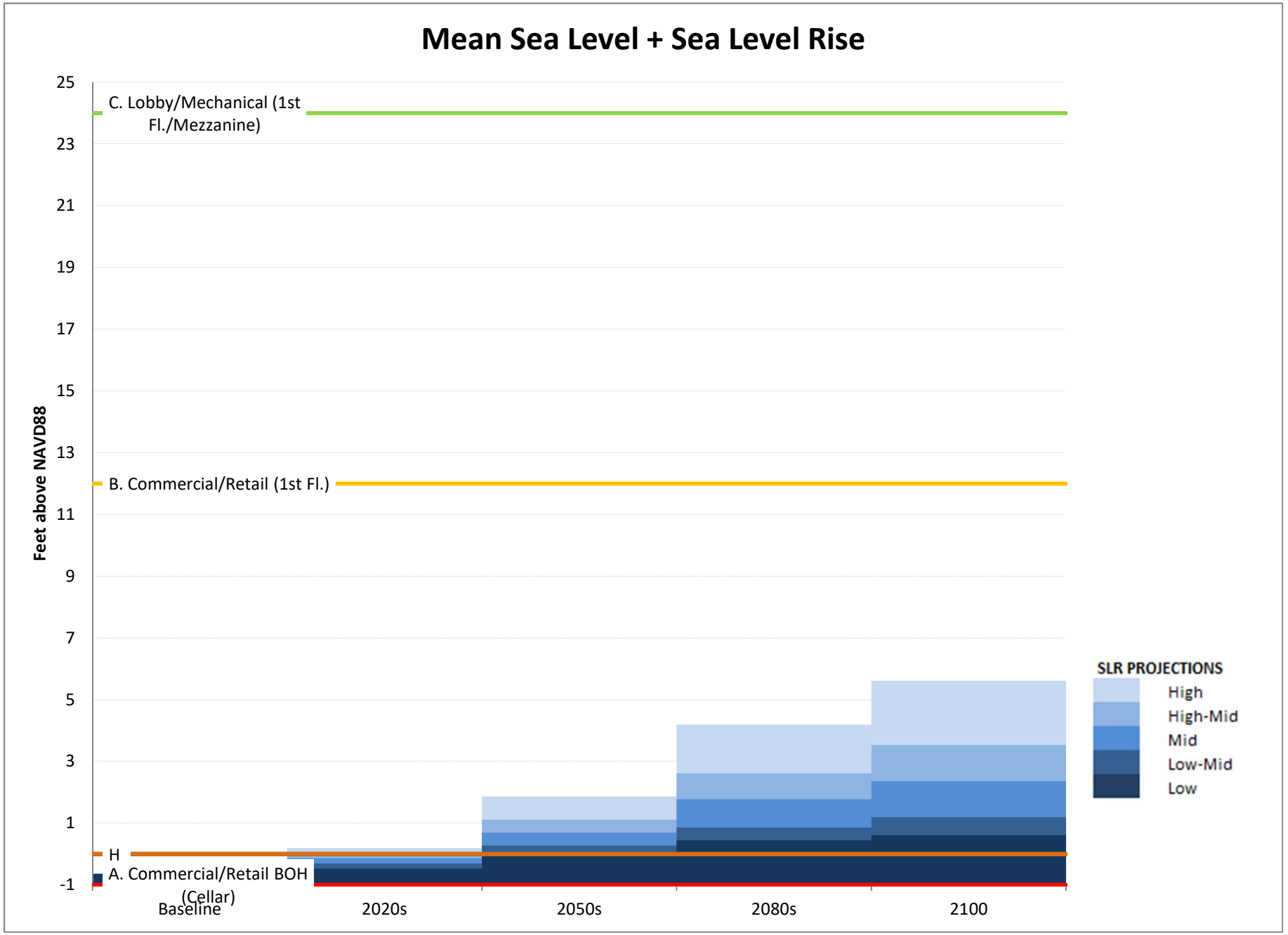
	Low	Low-Mid	Mid	High-Mid	High
Baseline	-0.64	-0.64	-0.64	-0.64	-0.64
2020s	-0.47	-0.31	-0.14	0.03	0.19
2050s	0.03	0.28	0.69	1.11	1.86
2080s	0.44	0.86	1.78	2.61	4.19
2100	0.61	1.19	2.36	3.53	5.61

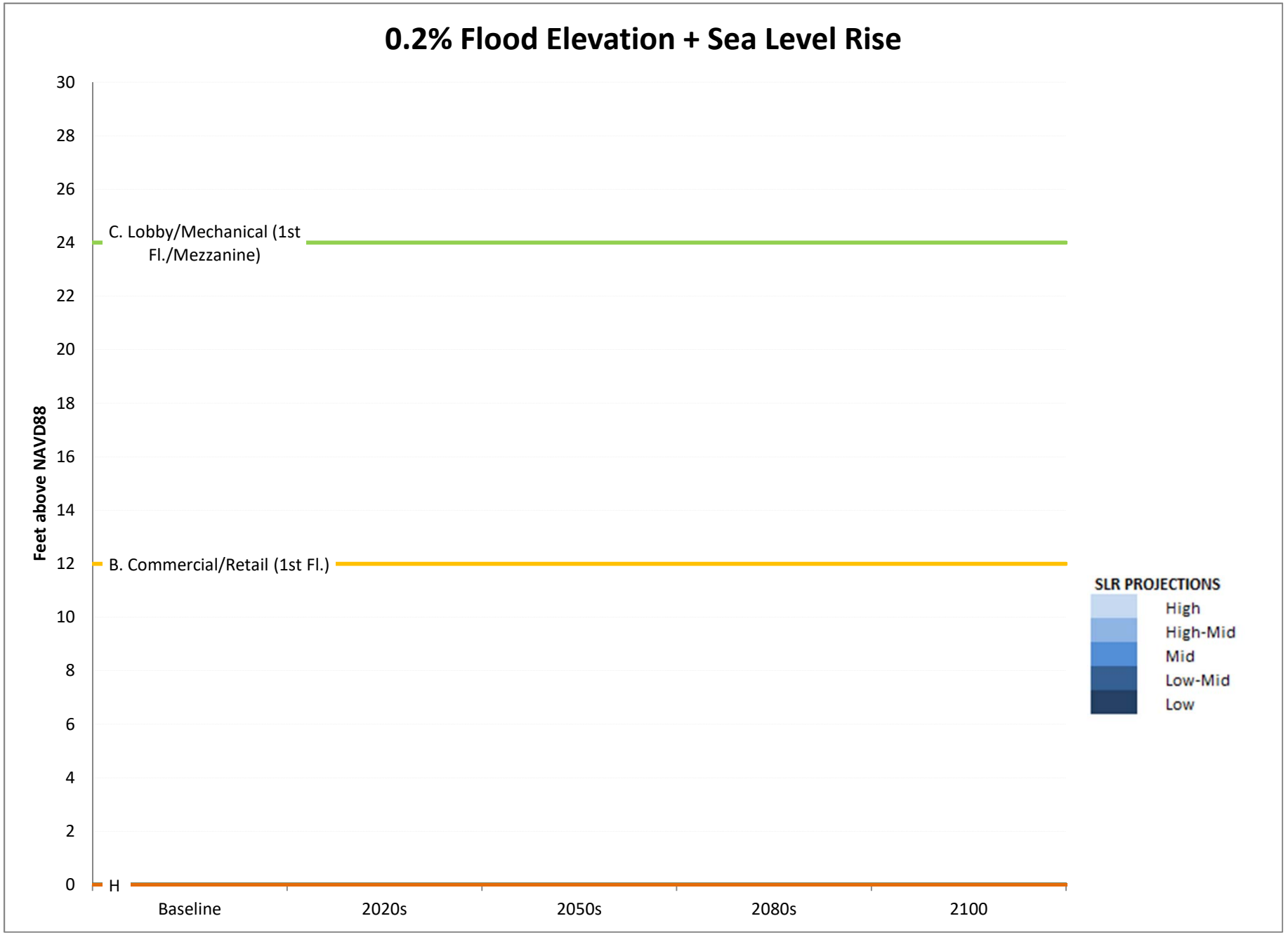
0.2%+SLR (ft above NAVD88)

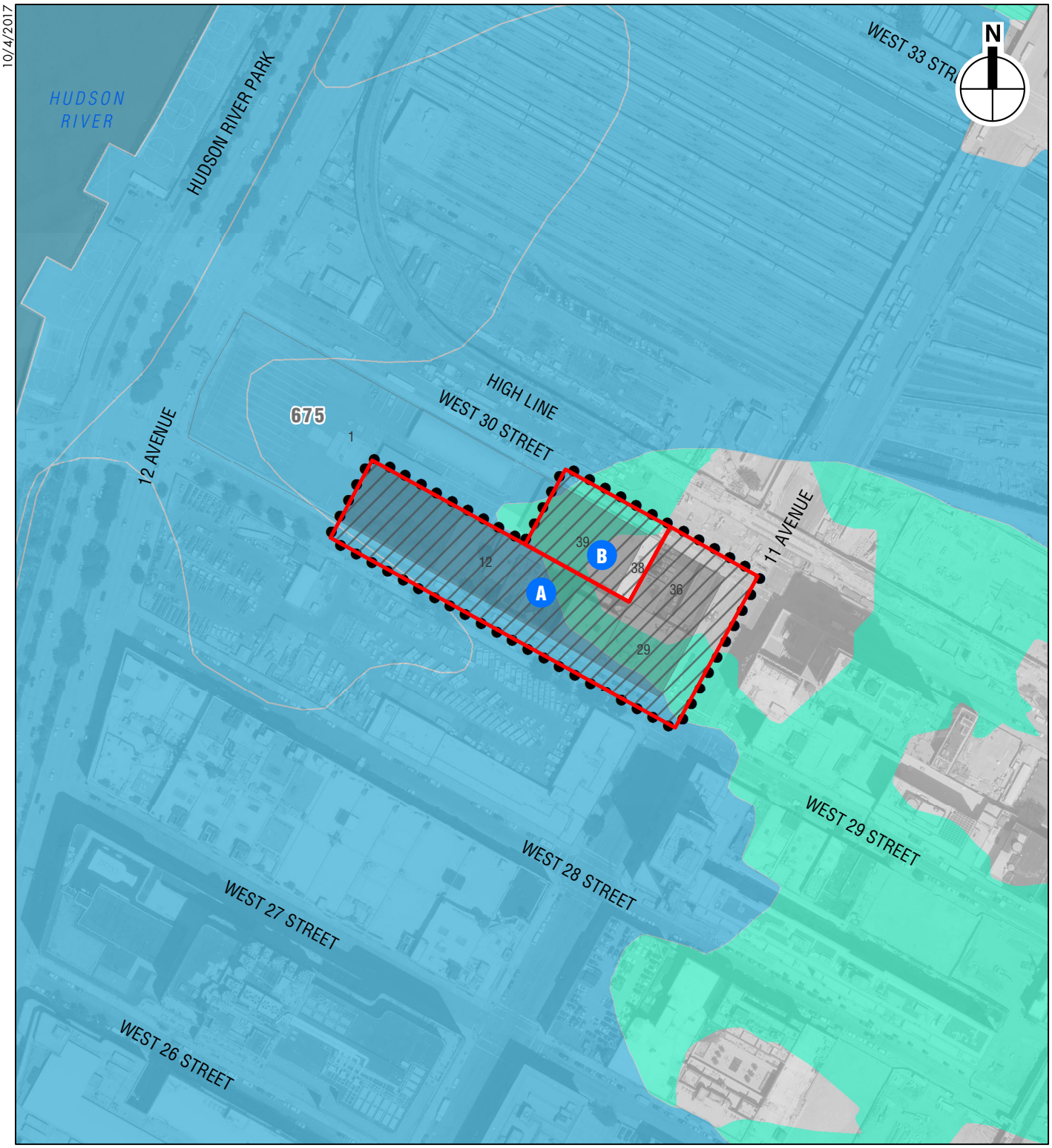
	Low	Low-Mid	Mid	High-Mid	High
Baseline	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2020s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2050s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2080s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2100	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

	0	1
A. Commercial/Retail BOH (Ce	-1	-1
B. Commercial/Retail (1st Fl.)	12	12
C. Lobby/Mechanical (1st Fl./I	24	24
D.	0	0
E	0	0
F	0	0
G	0	0
H	0	0


Mean Lower Low Water + Sea Level Rise
Feet above NAVD88
24
22
20
18
16
14
12
10
8
6
4
2
0
-2
-4
C. Lobby/Mechanical (1st Fl./Mezzanine)
B. Commercial/Retail (1st Fl.)
H
A. Commercial/Retail BOH (Cellar)
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low


Mean Sea Level + Sea Level Rise
Feet above NAVD88
25
23
21
19
17
15
13
11
9
7
5
3
1
-1
C. Lobby/Mechanical (1st Fl./Mezzanine)
B. Commercial/Retail (1st Fl.)
H
A. Commercial/Retail BOH (Cellar)
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low


0.2% Flood Elevation + Sea Level Rise
Feet above NAVD88
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
C. Lobby/Mechanical (1st Fl./Mezzanine)
B. Commercial/Retail (1st Fl.)
H
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low

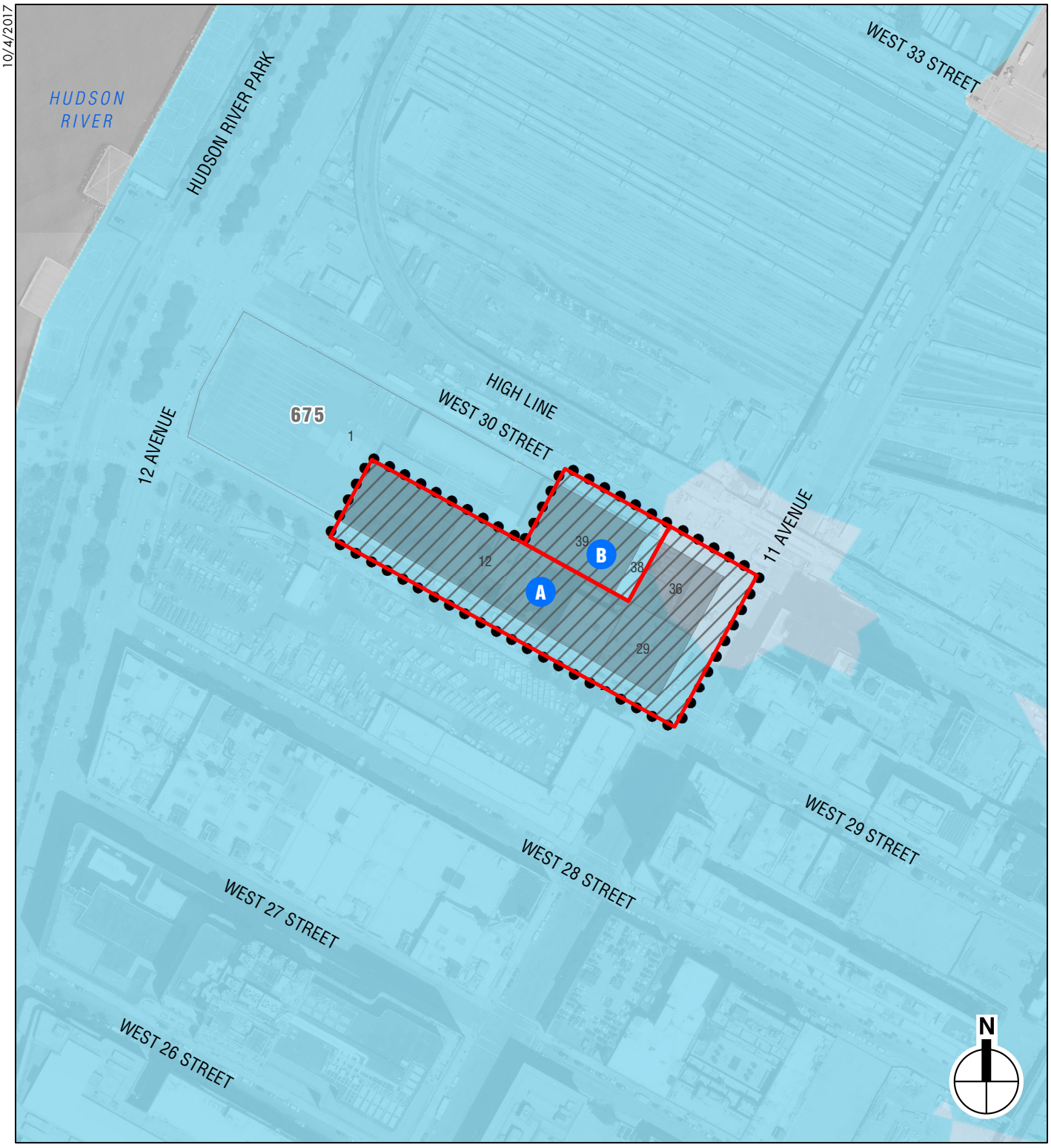


BLOCK 675 EAST

Preliminary Flood Insurance Rate Maps 2015

Figure 6.2-1

10/4/2017



A Project Sites

Proposed C6-4X/HRP

675 Tax Block

12 Tax Lot (Block 675)

Project Area
Receiving Sites

Proposed Special Hudson River Park District

1% Annual Chance Floodplain

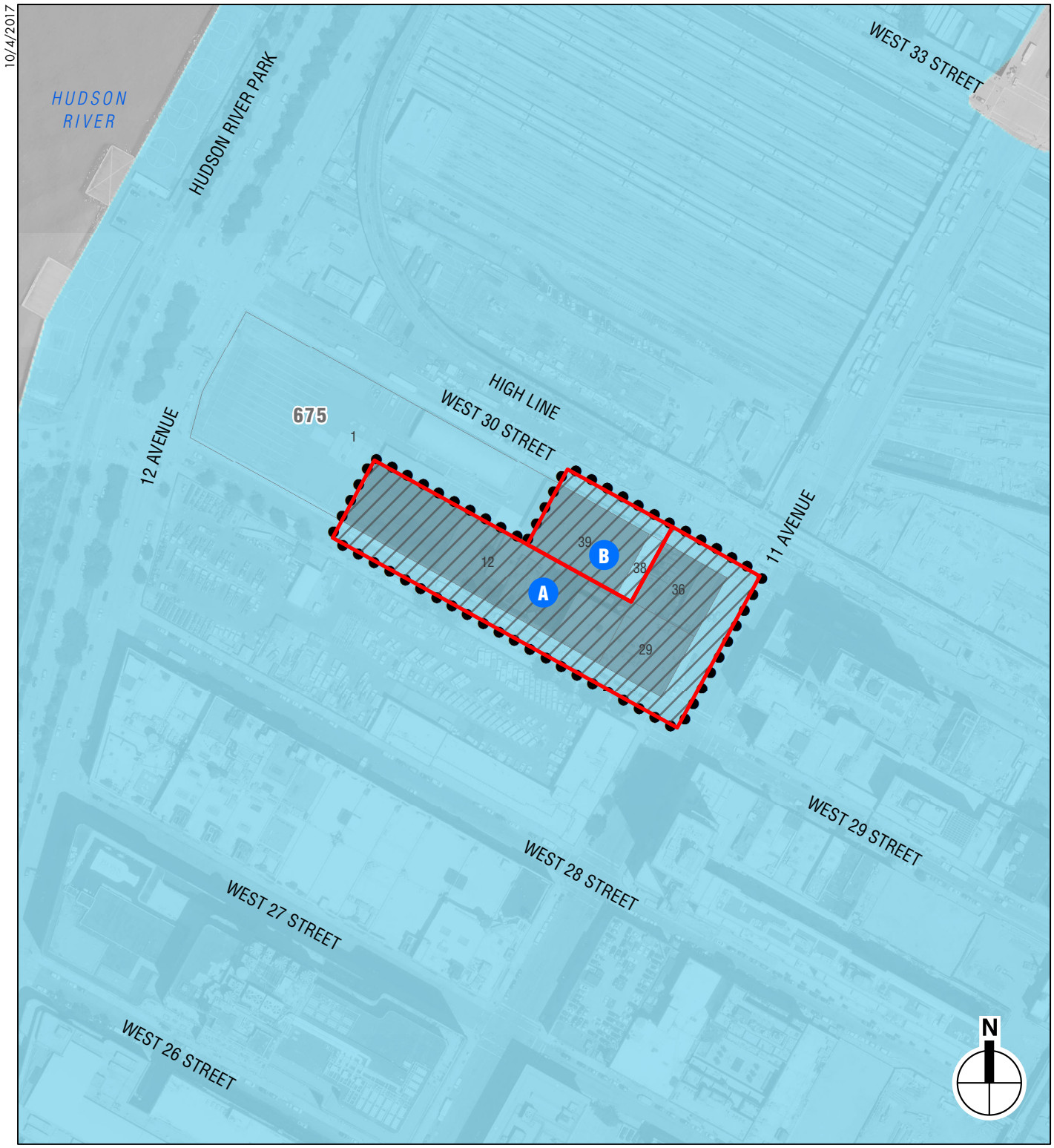
0.2% Annual Chance Floodplain

0 400 FEET

BLOCK 675 EAST

Future Floodplains 2050

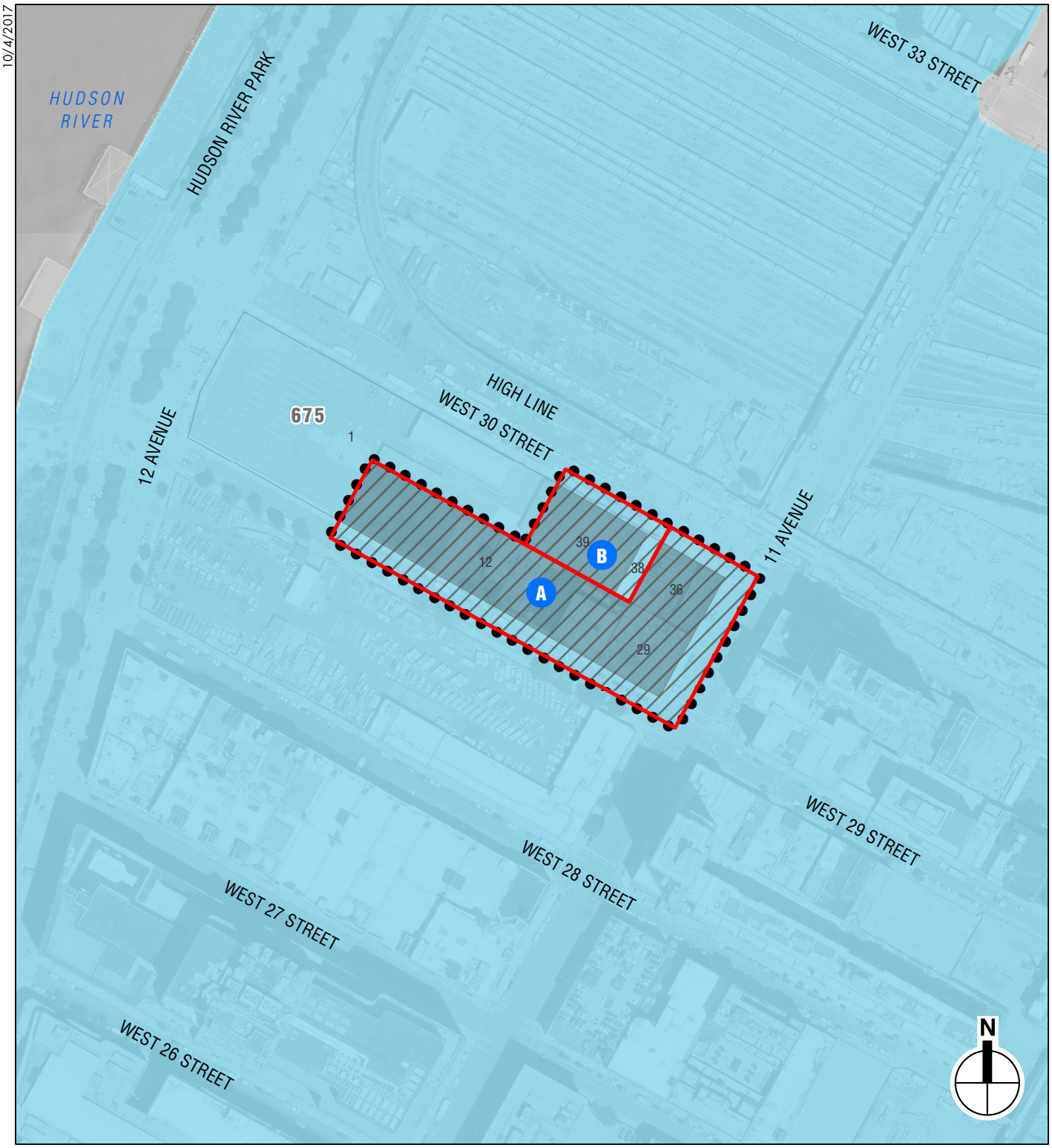
Figure 6.2-2



Future Floodplains 2080

BLOCK 675 EAST

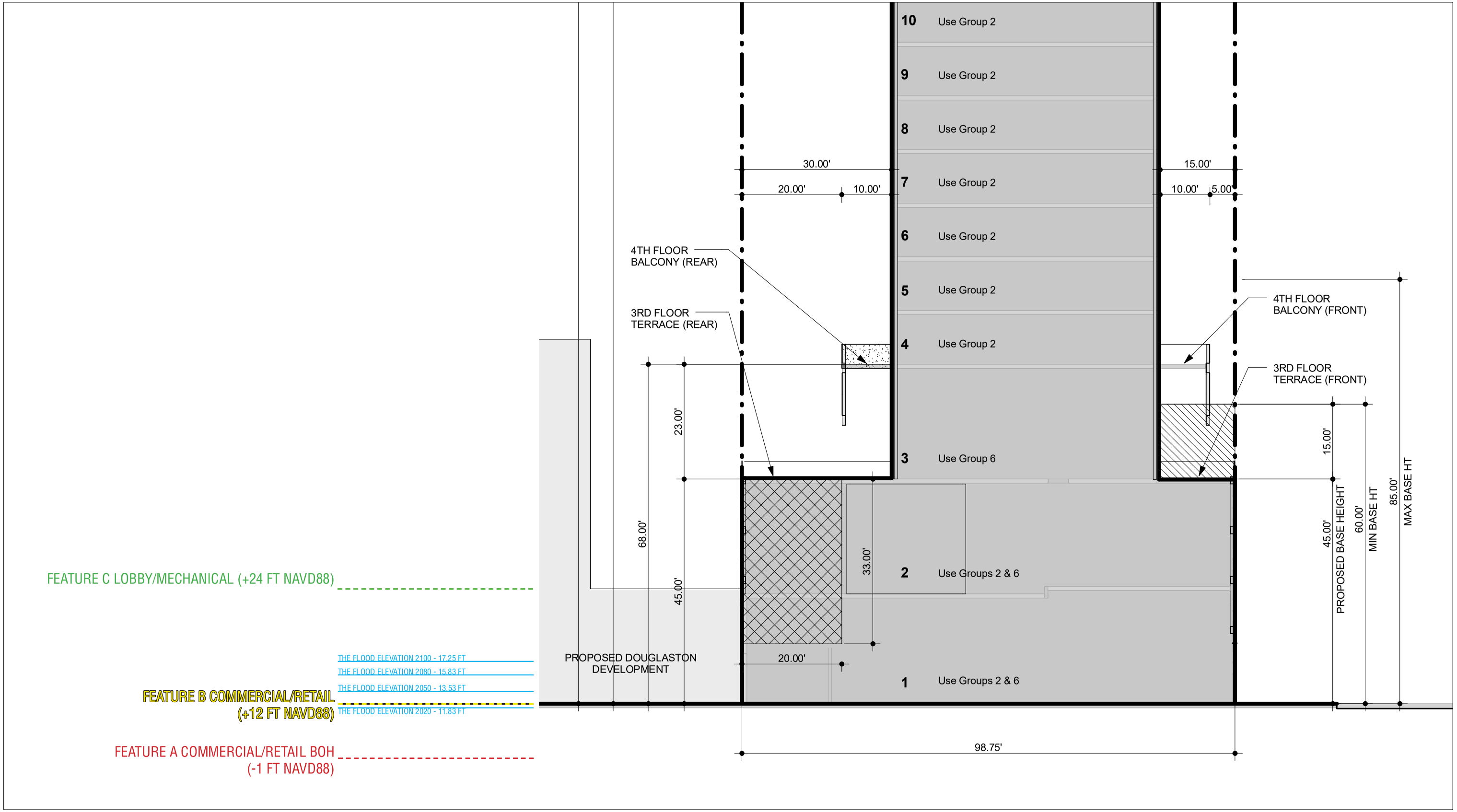
Figure 6.2-3



Future Floodplains 2100

BLOCK 675 EAST

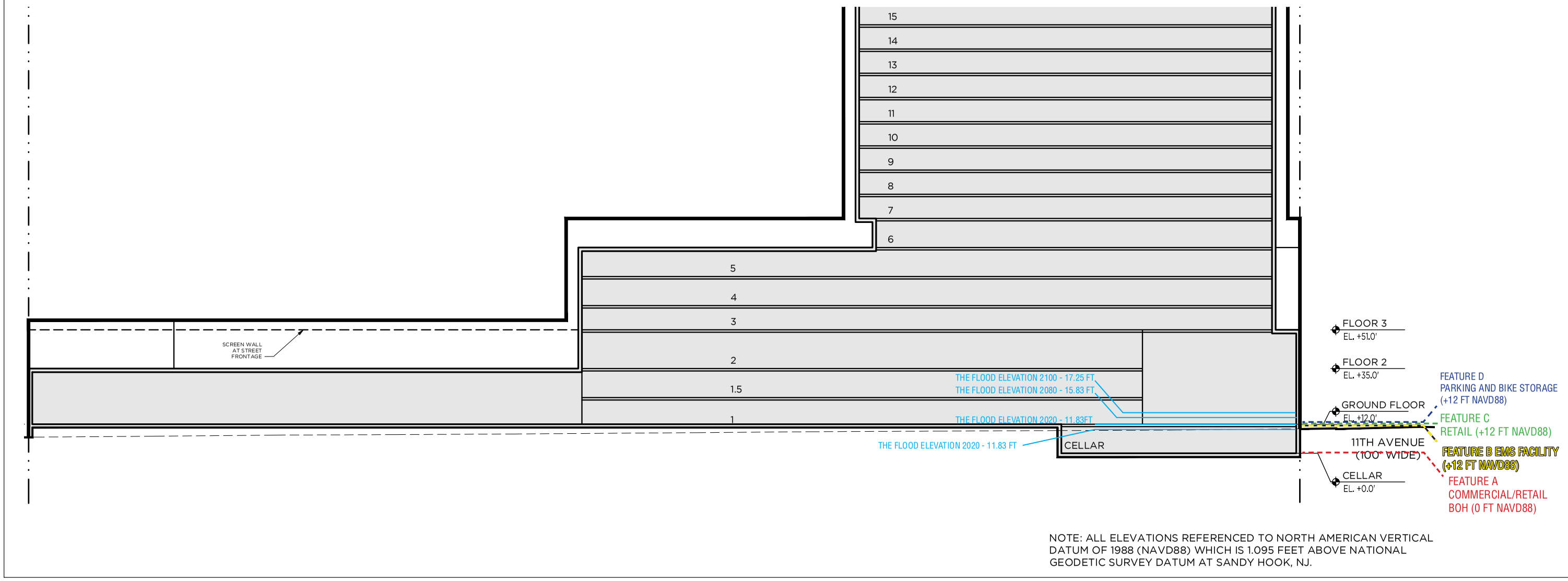
Figure 6.2-4



NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

Project Site B: Feature Elevation and Flood Risk

Figure 6.2-5



NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

Project Site A: Feature Elevation and Flood Risk
Figure 6.2-6