

APPENDIX A
AGENCY CORRESPONDENCE

ENVIRONMENTAL REVIEW

Project number: NYC EDUCATIONAL CNSTRCTN FUND / 16ECF001M

Project:

Address: 1860 2 AVENUE, **BBL:** 1016680001

Date Received: 6/13/2016

☒ **No architectural significance**

☒ **No archaeological significance**

☐ **Designated New York City Landmark or Within Designated Historic District**

☐ **Listed on National Register of Historic Places**

☒ **In radius: Appears to be eligible for National Register Listing**

☐ **May be archaeologically significant; requesting additional materials**

Comments: Across the street, 320 E. 96 St., the former P.S. 150, appears eligible for S/NR listing. A construction protection plan for P.S. 150 will be required.

The draft scope of work for EIS and the EAF appear acceptable for historic and cultural resources.

Cc: SHPO



6/24/2016

SIGNATURE

Gina Santucci, Environmental Review Coordinator

DATE

File Name: 31562_FSO_GS_06242016.doc

APPENDIX B
WATERFRONT REVITALIZATION PROGRAM
CONSISTENCY ASSESSMENT FORM

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 Educational Construction Fund; AvalonBay Communities, Inc.

Name of Applicant Representative: Jennifer Maldonado

Address: 30-30 Thomson Avenue, 4th Floor, Long Island City, NY 11101

Telephone: 718.472.8281 Email: jmaldonado10@schools.nyc.gov

Project site owner (if different than above): The City of New York (DCAS/DOE)

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

I. Brief description of activity

The co-applicants, the New York City Educational Construction Fund (ECF) and AvalonBay Communities, Inc. (AvalonBay), are seeking a rezoning and other actions to allow the construction of a mixed-use building, a replacement facility for an existing school, a new facility for the relocation of two existing neighborhood public high schools, and relocation of an existing jointly-operated playground on Block 1668, Lot 1, in the East Harlem neighborhood of Manhattan (Community District 11).

The proposed project involves the construction of a mixed use tower on Second Avenue containing a 135,000-gross square foot (sf) public technical school—a replacement facility for the existing School of Cooperative Technical Education on the project site—as well as 25,000 gsf of retail space, and approximately 1,015,000 gsf of residential floor area (1,200 units). Following the demolition of the existing School of Cooperative Technical Education, the co-applicants will construct a 135,000 sf building on First Avenue that will house two public high schools. The Marx Brothers Playground currently on the western portion of the project site would be relocated to the center of the project block as part of the project.

2. Purpose of activity

The current school facilities on the site date to the early 1940s and are outmoded. The proposed actions would result in the replacement of the existing School of Cooperative Technical Education with a new state-of-the-art facility, and the relocation of two neighborhood public high schools to the site in new, larger facilities. These improvements will help achieve a better learning environment by alleviating overcrowded conditions and providing modern educational facilities.

The proposed actions also would facilitate the productive use of the project site by creating a new residential development of approximately 1,200 units, 30 percent of which would be designated as affordable, pursuant to the Mandatory Inclusionary Housing Program. This affordable housing would advance a City-wide initiative to build and preserve 200,000 affordable units over 10 years in order to support New Yorkers with a range of incomes, from the very lowest to those in the middle class.

The proposed project would relocate the Marx Brothers Playground to the midblock—a move which is desired by DPR in order to buffer the playground use from the active First Avenue and Second Avenue corridors—and would include improvements to the playground.

C. PROJECT LOCATION

Borough: Manhattan Tax Block/Lot(s): Block 1668, Lot 1

Street Address: _____

Name of water body (if located on the waterfront): project site is not located on the waterfront

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
<input type="checkbox"/> City Map Amendment		<input checked="" type="checkbox"/> Zoning Certification	<input type="checkbox"/> Concession
<input checked="" type="checkbox"/> Zoning Map Amendment		<input type="checkbox"/> Zoning Authorizations	<input type="checkbox"/> UDAAP
<input checked="" type="checkbox"/> Zoning Text Amendment		<input type="checkbox"/> Acquisition – Real Property	<input type="checkbox"/> Revocable Consent
<input type="checkbox"/> Site Selection – Public Facility		<input checked="" type="checkbox"/> Disposition – Real Property	<input type="checkbox"/> Franchise
<input type="checkbox"/> Housing Plan & Project		<input type="checkbox"/> Other, explain: _____	
<input checked="" type="checkbox"/> Special Permit			
(if appropriate, specify type: <input type="checkbox"/> Modification <input type="checkbox"/> Renewal <input type="checkbox"/> other) Expiration Date: _____			

Board of Standards and Appeals	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Variance (use)			
<input type="checkbox"/> Variance (bulk)			
<input type="checkbox"/> Special Permit			
(if appropriate, specify type: <input type="checkbox"/> Modification <input type="checkbox"/> Renewal <input type="checkbox"/> 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 checked="" 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 checked="" type="checkbox"/> Other, explain: <u>Approval of a home rule request by the New York City Council for alienation of existing playground.</u>		

State Actions/Approvals/Funding

<input type="checkbox"/> State permit or license, specify Agency: _____ Permit type and number: _____
<input checked="" type="checkbox"/> Funding for Construction, specify: <u>ECF tax-exempt bond financing for the school portion of the project</u>
<input type="checkbox"/> Funding of a Program, specify: _____
<input checked="" 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: _____
<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I.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"/>
I.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I.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"/>
I.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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>
3.3	Minimize conflicts between recreational boating and commercial ship operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 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 type="checkbox"/>
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	Protect and restore tidal and freshwater wetlands.	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>
4.8	Maintain and protect living aquatic resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

		Promote	Hinder	N/A
5	Protect and improve water quality in the New York City coastal area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.1	Manage direct or indirect discharges to waterbodies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.2	Prevent and remediate discharge of petroleum products.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>
8.3	Provide visual access to the waterfront where physically practical.	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Protect scenic resources that contribute to the visual quality of the New York City coastal area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.2	Protect and enhance scenic values associated with natural resources.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.2	Protect and preserve archaeological resources and artifacts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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: Jennifer Maldonado, NYC Educational Construction Fund

Address: 30-30 Thomson Avenue, 4th Floor, Long Island City, NY 11101

Telephone: 718.472.8281

Email: jmalonado10@schools.nyc.gov

Applicant/Agent's Signature: Jennifer Maldonado

Date: June 6, 2017

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.

APPENDIX C
CONSTRUCTION

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

Report Receptor #	Elevation (floor)	Address and Façade Number	Existing Leq(1)	Existing L10	Construction Duration																																		
					July 2018					April 2019					May 2020					Feb 2021					Aug 2021					Jan 2022					April 2023				
					Leq				L10 Total	Leq				L10 Total	Leq				L10 Total	Leq				L10 Total	Leq				L10 Total	Leq				L10 Total					
					Const	Total	Change	Exceed?		Const	Total	Change	Exceed?		Const	Total	Change	Exceed?		Const	Total	Change	Exceed?		Const	Total	Change	Exceed?		Const	Total	Change	Exceed?		Const	Total	Change	Exceed?	
05	01	Hospital_S_A	63.6	66.6	68.5	69.7	6.1	YES	72.7	68.5	69.7	6.1	YES	72.7	68.5	69.7	6.1	YES	72.7	64.2	66.9	3.3	YES	69.9	64.2	66.9	3.3	YES	69.9	61.0	65.5	1.9	NO	68.5	60.2	65.2	1.6	NO	68.3
05	02	Hospital_S_A	63.6	66.6	71.9	72.5	8.9	YES	75.5	72.5	73.0	9.4	YES	76.0	68.4	69.6	6.0	YES	72.7	67.3	68.8	5.2	YES	71.9	67.3	68.8	5.2	YES	71.9	61.6	65.7	2.1	NO	68.7	60.5	65.3	1.7	NO	68.3
05	03	Hospital_S_A	63.9	66.9	74.4	74.8	10.9	YES	77.8	74.1	74.5	10.6	YES	77.5	68.5	69.8	5.9	YES	72.8	69.0	70.2	6.3	YES	73.2	69.0	70.2	6.3	YES	73.2	62.1	66.1	2.2	NO	69.1	60.7	65.6	1.7	NO	68.6
06	01	Hospital_S_B	63.6	66.6	64.8	67.2	3.7	YES	70.3	65.2	67.5	3.9	YES	70.5	48.4	63.7	0.1	NO	66.7	59.5	65.0	1.4	NO	68.0	59.5	65.0	1.4	NO	68.0	49.4	63.8	0.2	NO	66.8	47.9	63.7	0.1	NO	66.7
06	02	Hospital_S_B	63.6	66.6	68.3	69.6	6.0	YES	72.6	68.1	69.4	5.8	YES	72.4	49.0	63.7	0.1	NO	66.8	63.7	66.7	3.1	YES	69.7	63.7	66.7	3.1	YES	69.7	54.1	64.1	0.5	NO	67.1	53.7	64.0	0.4	NO	67.0
06	03	Hospital_S_B	63.6	66.6	69.3	70.3	6.7	YES	73.4	69.0	70.1	6.5	YES	73.1	49.6	63.8	0.2	NO	66.8	66.3	68.2	4.6	YES	71.2	66.3	68.2	4.6	YES	71.2	60.2	65.2	1.6	NO	68.3	59.9	65.1	1.5	NO	68.2
06	04	Hospital_S_B	63.6	66.6	71.4	72.1	8.5	YES	75.1	70.2	71.1	7.5	YES	74.1	50.1	63.8	0.2	NO	66.8	68.8	69.9	6.3	YES	73.0	68.8	69.9	6.3	YES	73.0	63.3	66.5	2.9	NO	69.5	63.0	66.3	2.7	NO	69.3
06	05	Hospital_S_B	63.6	66.6	71.7	72.3	8.7	YES	75.3	70.4	71.2	7.6	YES	74.2	52.5	63.9	0.3	NO	66.9	69.8	70.7	7.1	YES	73.8	69.8	70.7	7.1	YES	73.8	63.6	66.6	3.0	YES	69.6	63.9	66.8	3.2	YES	69.8
06	06	Hospital_S_B	63.6	66.6	72.2	72.8	9.2	YES	75.8	71.3	72.0	8.4	YES	75.0	53.1	64.0	0.4	NO	67.0	69.7	70.7	7.1	YES	73.7	69.7	70.7	7.1	YES	73.7	64.2	66.9	3.3	YES	69.9	64.1	66.9	3.3	YES	69.9
06	07	Hospital_S_B	63.6	66.6	72.5	73.0	9.4	YES	76.0	71.4	72.1	8.5	YES	75.1	53.3	64.0	0.4	NO	67.0	69.7	70.7	7.1	YES	73.7	69.7	70.7	7.1	YES	73.7	64.6	67.1	3.5	YES	70.2	64.4	67.0	3.4	YES	70.0
06	08	Hospital_S_B	63.6	66.6	72.4	72.9	9.3	YES	76.0	71.3	72.0	8.4	YES	75.0	53.6	64.0	0.4	NO	67.0	69.6	70.6	7.0	YES	73.6	69.6	70.6	7.0	YES	73.6	64.9	67.3	3.7	YES	70.3	64.5	67.1	3.5	YES	70.1
06	09	Hospital_S_B	63.6	66.6	72.4	72.9	9.3	YES	76.0	71.3	72.0	8.4	YES	75.0	54.0	64.0	0.5	NO	67.1	69.6	70.6	7.0	YES	73.6	69.6	70.6	7.0	YES	73.6	65.1	67.4	3.8	YES	70.4	64.6	67.1	3.5	YES	70.2
06	10	Hospital_S_B	63.6	66.6	72.3	72.8	9.3	YES	75.9	71.2	71.9	8.3	YES	74.9	54.4	64.1	0.5	NO	67.1	69.5	70.5	6.9	YES	73.5	69.5	70.5	6.9	YES	73.5	65.2	67.5	3.9	YES	70.5	64.7	67.2	3.6	YES	70.2
06	11	Hospital_S_B	63.6	66.6	72.2	72.8	9.2	YES	75.8	71.2	71.9	8.3	YES	74.9	55.0	64.2	0.6	NO	67.2	69.5	70.5	6.9	YES	73.5	69.5	70.5	6.9	YES	73.5	65.5	67.7	4.1	YES	70.7	65.0	67.4	3.8	YES	70.4
06	12	Hospital_S_B	63.6	66.6	72.1	72.7	9.1	YES	75.7	71.1	71.8	8.2	YES	74.8	55.8	64.3	0.7	NO	67.3	69.5	70.5	6.9	YES	73.5	69.5	70.5	6.9	YES	73.5	65.7	67.8	4.2	YES	70.8	64.7	67.2	3.6	YES	70.2
06	13	Hospital_S_B	63.6	66.6	72.1	72.7	9.1	YES	75.7	71.0	71.7	8.1	YES	74.7	56.9	64.4	0.8	NO	67.5	69.6	70.6	7.0	YES	73.6	69.6	70.6	7.0	YES	73.6	65.5	67.7	4.1	YES	70.7	65.0	67.4	3.8	YES	70.4
06	14	Hospital_S_B	63.6	66.6	72.0	72.6	9.0	YES	75.6	71.0	71.7	8.1	YES	74.7	58.6	64.8	1.2	NO	67.8	69.5	70.5	6.9	YES	73.5	69.5	70.5	6.9	YES	73.5	65.5	67.7	4.1	YES	70.7	64.5	67.1	3.5	YES	70.1
06	15	Hospital_S_B	63.6	66.6	71.9	72.5	8.9	YES	75.5	70.9	71.6	8.0	YES	74.7	60.6	65.4	1.8	NO	68.4	69.4	70.4	6.8	YES	73.4	69.4	70.4	6.8	YES	73.4	65.7	67.8	4.2	YES	70.8	64.6	67.1	3.5	YES	70.2
06	16	Hospital_S_B	63.6	66.6	71.8	72.4	8.8	YES	75.4	70.9	71.6	8.0	YES	74.7	53.8	64.0	0.4	NO	67.0	69.3	70.3	6.7	YES	73.4	69.3	70.3	6.7	YES	73.4	65.7	67.8	4.2	YES	70.8	64.6	67.1	3.5	YES	70.2
06	17	Hospital_S_B	63.6	66.6	71.7	72.3	8.7	YES	75.3	70.9	71.6	8.0	YES	74.7	53.9	64.0	0.4	NO	67.1	69.2	70.3	6.7	YES	73.3	69.2	70.3	6.7	YES	73.3	65.5	67.7	4.1	YES	70.7	64.5	67.1	3.5	YES	70.1
06	18	Hospital_S_B	63.6	66.6	71.7	72.3	8.7	YES	75.3	70.9	71.6	8.0	YES	74.7	54.0	64.0	0.5	NO	67.1	69.1	70.2	6.6	YES	73.2	69.1	70.2	6.6	YES	73.2	65.5	67.7	4.1	YES	70.7	64.5	67.1	3.5	YES	70.1
06	19	Hospital_S_B	63.6	66.6	71.6	72.2	8.6	YES	75.3	70.9	71.6	8.0	YES	74.7	54.1	64.1	0.5	NO	67.1	69.0	70.1	6.5	YES	73.1	69.0	70.1	6.5	YES	73.1	65.4	67.6	4.0	YES	70.6	64.4	67.0	3.4	YES	70.0
06	20	Hospital_S_B	63.6	66.6	71.5	72.2	8.6	YES	75.2	70.9	71.6	8.0	YES	74.7	54.3	64.1	0.5	NO	67.1	68.9	70.0	6.4	YES	73.0	68.9	70.0	6.4	YES	73.0	65.4	67.6	4.0	YES	70.6	64.4	67.0	3.4	YES	70.0
07	01	Hospital_S_C	63.6	66.6	52.0	63.9	0.3	NO	66.9	51.8	63.9	0.3	NO	66.9	63.0	66.3	2.7	NO	69.3	50.7	63.8	0.2	NO	66.8	50.7	63.8	0.2	NO	66.8	48.5	63.7	0.1	NO	66.7	45.3	63.7	0.1	NO</	

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10	07	Hospital_S_F	63.6	66.6	73.4	73.8	10.2	YES	76.9	72.5	73.0	9.4	YES	76.0	64.7	67.2	3.6	YES	70.2	75.4	75.7	12.1	YES	78.7	75.4	75.7	12.1	YES	78.7	72.7	73.2	9.6	YES	76.2	72.3	72.8	9.3	YES	75.9
10	08	Hospital_S_F	63.6	66.6	72.9	73.4	9.8	YES	76.4	72.9	73.4	9.8	YES	76.4	65.2	67.5	3.9	YES	70.5	75.5	75.8	12.2	YES	78.8	75.5	75.8	12.2	YES	78.8	72.6	73.1	9.5	YES	76.1	72.3	72.8	9.3	YES	75.9
10	09	Hospital_S_F	63.6	66.6	73.0	73.5	9.9	YES	76.5	72.9	73.4	9.8	YES	76.4	62.9	66.3	2.7	NO	69.3	75.4	75.7	12.1	YES	78.7	75.4	75.7	12.1	YES	78.7	72.5	73.0	9.4	YES	76.0	72.2	72.8	9.2	YES	75.8
10	10	Hospital_S_F	63.6	66.6	73.0	73.5	9.9	YES	76.5	73.0	73.5	9.9	YES	76.5	62.9	66.3	2.7	NO	69.3	75.2	75.5	11.9	YES	78.5	75.2	75.5	11.9	YES	78.5	72.4	72.9	9.3	YES	76.0	72.1	72.7	9.1	YES	75.7
10	11	Hospital_S_F	63.6	66.6	73.0	73.5	9.9	YES	76.5	72.7	73.2	9.6	YES	76.2	62.9	66.3	2.7	NO	69.3	75.0	75.3	11.7	YES	78.3	75.0	75.3	11.7	YES	78.3	72.3	72.8	9.3	YES	75.9	71.9	72.5	8.9	YES	75.5
10	12	Hospital_S_F	63.6	66.6	72.9	73.4	9.8	YES	76.4	72.2	72.8	9.2	YES	75.8	62.9	66.3	2.7	NO	69.3	74.9	75.2	11.6	YES	78.2	74.9	75.2	11.6	YES	78.2	72.2	72.8	9.2	YES	75.8	71.8	72.4	8.8	YES	75.4
10	13	Hospital_S_F	63.6	66.6	72.5	73.0	9.4	YES	76.0	72.1	72.7	9.1	YES	75.7	62.9	66.3	2.7	NO	69.3	74.7	75.0	11.4	YES	78.0	74.7	75.0	11.4	YES	78.0	72.1	72.7	9.1	YES	75.7	71.6	72.2	8.6	YES	75.3
10	14	Hospital_S_F	63.6	66.6	72.5	73.0	9.4	YES	76.0	72.1	72.7	9.1	YES	75.7	62.9	66.3	2.7	NO	69.3	74.5	74.8	11.2	YES	77.9	74.5	74.8	11.2	YES	77.9	71.9	72.5	8.9	YES	75.5	71.3	72.0	8.4	YES	75.0
10	15	Hospital_S_F	63.6	66.6	72.5	73.0	9.4	YES	76.0	72.1	72.7	9.1	YES	75.7	62.9	66.3	2.7	NO	69.3	74.2	74.6	11.0	YES	77.6	74.2	74.6	11.0	YES	77.6	71.6	72.2	8.6	YES	75.3	71.0	71.7	8.1	YES	74.7
10	16	Hospital_S_F	63.6	66.6	72.6	73.1	9.5	YES	76.1	72.3	72.8	9.3	YES	75.9	62.9	66.3	2.7	NO	69.3	73.9	74.3	10.7	YES	77.3	73.9	74.3	10.7	YES	77.3	71.4	72.1	8.5	YES	75.1	70.9	71.6	8.0	YES	74.7
10	17	Hospital_S_F	63.6	66.6	72.5	73.0	9.4	YES	76.0	72.2	72.8	9.2	YES	75.8	62.9	66.3	2.7	NO	69.3	73.7	74.1	10.5	YES	77.1	73.7	74.1	10.5	YES	77.1	71.3	72.0	8.4	YES	75.0	70.7	71.5	7.9	YES	74.5
10	18	Hospital_S_F	63.6	66.6	72.5	73.0	9.4	YES	76.0	72.1	72.7	9.1	YES	75.7	62.9	66.3	2.7	NO	69.3	73.5	73.9	10.3	YES	76.9	73.5	73.9	10.3	YES	76.9	71.1	71.8	8.2	YES	74.8	70.5	71.3	7.7	YES	74.3
10	19	Hospital_S_F	63.6	66.6	72.4	72.9	9.3	YES	76.0	72.0	72.6	9.0	YES	75.6	62.9	66.3	2.7	NO	69.3	73.3	73.7	10.1	YES	76.8	73.3	73.7	10.1	YES	76.8	71.0	71.7	8.1	YES	74.7	70.4	71.2	7.6	YES	74.2
10	20	Hospital_S_F	63.6	66.6	72.3	72.8	9.3	YES	75.9	71.9	72.5	8.9	YES	75.5	62.8	66.2	2.6	NO	69.2	73.2	73.7	10.1	YES	76.7	73.2	73.7	10.1	YES	76.7	70.8	71.6	8.0	YES	74.6	70.2	71.1	7.5	YES	74.1
10	21	Hospital_S_F	63.6	66.6	72.2	72.8	9.2	YES	75.8	71.7	72.3	8.7	YES	75.3	62.8	66.2	2.6	NO	69.2	73.0	73.5	9.9	YES	76.5	73.0	73.5	9.9	YES	76.5	70.6	71.4	7.8	YES	74.4	70.0	70.9	7.3	YES	73.9
11	01	Hospital_S_G	63.6	66.6	47.7	63.7	0.1	NO	66.7	47.7	63.7	0.1	NO	66.7	47.8	63.7	0.1	NO	66.7	61.5	65.7	2.1	NO	68.7	61.5	65.7	2.1	NO	68.7	66.8	68.5	4.9	YES	71.5	61.6	65.7	2.1	NO	68.7
11	02	Hospital_S_G	63.6	66.6	48.9	63.7	0.1	NO	66.8	49.1	63.7	0.2	NO	66.8	48.1	63.7	0.1	NO	66.7	64.4	67.0	3.4	YES	70.0	64.4	67.0	3.4	YES	70.0	67.3	68.8	5.2	YES	71.9	62.3	66.0	2.4	NO	69.0
11	03	Hospital_S_G	63.6	66.6	50.6	63.8	0.2	NO	66.8	51.0	63.8	0.2	NO	66.8	48.5	63.7	0.1	NO	66.7	66.9	68.6	5.0	YES	71.6	66.9	68.6	5.0	YES	71.6	70.2	71.1	7.5	YES	74.1	65.5	67.7	4.1	YES	70.7
11	04	Hospital_S_G	63.6	66.6	54.2	64.1	0.5	NO	67.1	52.2	63.9	0.3	NO	66.9	49.1	63.7	0.2	NO	66.8	66.2	68.1	4.5	YES	71.1	66.2	68.1	4.5	YES	71.1	70.8	71.6	8.0	YES	74.6	65.9	67.9	4.3	YES	70.9
11	05	Hospital_S_G	63.6	66.6	55.5	64.2	0.6	NO	67.2	54.1	64.1	0.5	NO	67.1	53.0	64.0	0.4	NO	67.0	66.4	68.2	4.6	YES	71.3	66.4	68.2	4.6	YES	71.3	71.3	72.0	8.4	YES	75.0	66.5	68.3	4.7	YES	71.3
11	06	Hospital_S_G	63.6	66.6	55.7	64.2	0.7	NO	67.3	54.4	64.1	0.5	NO	67.1	53.5	64.0	0.4	NO	67.0	67.3	68.8	5.2	YES	71.9	67.3	68.8	5.2	YES	71.9	71.5	72.2	8.6	YES	75.2	66.5	68.3	4.7	YES	71.3
11	07	Hospital_S_G	63.6	66.6	57.4	64.5	0.9	NO	67.5	54.7	64.1	0.5	NO	67.1	57.3	64.5	0.9	NO	67.5	67.9	69.3	5.7	YES	72.3	67.9	69.3	5.7	YES	72.3	71.6	72.2	8.6	YES	75.3	66.5	68.3	4.7	YES	71.3
12	01	Hospital_W_A	70.1	70.8	44.7	70.1	0.0	NO	70.8	51.7	70.2	0.1	NO	70.9	51.1	70.2	0.1	NO	70.9	42.2	70.1	0.0	NO	70.8	42.2	70.1	0.0	NO	70.8	42.6	70.1	0.0	NO	70.8	39.5	70.1	0.0	NO	70.8
12	02	Hospital_W_A	70.4	71.1	45.5	70.4	0.0	NO	71.1	52.5	70.5	0.1	NO	71.2	51.6	70.5	0.1	NO	71.2	42.5	70.4	0.0	NO	71.1	42.5	70.4	0.0	NO	71.1	42.7	70.4	0.0	NO	71.1	39.4	70.4	0.0	NO	71.1
12	03	Hospital_W_A	70.0	70.7	45.5	70.0	0.0	NO	70.7	52.9	70.1	0.1	NO	70.8	52.1	70.1	0.1	NO	70.8	42.6	70.0	0.0	NO	70.7	42.6	70.0	0.0	NO	70.7	42.7	70.0	0.0	NO	70.7	39.4	70.0	0.0	NO	70.7
12	04	Hospital_W_A	69.5	70.2	45.6	69.5	0.0	NO	70.2	54.6	69.6	0.1	NO	70.3	54.0	69.6	0.1	NO	70.3	42.8	69.5	0.0	NO	70.2	42.8	69.5	0.0	NO	70.2	42.9	69.5	0.0	NO	70.2	39.4	69.5	0.0	NO	70.2
12	05	Hospital_W_A	69.0	69.7	47.3	69.0	0.0	NO	69.7	53.0	69.1	0.1	NO	69.8	51.9	69.1	0.1	NO	69.8	42.9	69.0	0.0	NO	69.7	42.9	69.0	0.0	NO	69.7	43.0	69.0	0.0	NO	69.7	39.4	69.0	0.0	NO	69.7
12	06	Hospital_W_A	68.6	69.3	48.4	68.6	0.0	NO	68.9	53.5	68.7	0.1	NO	69.4	52.1	68.7	0.1	NO	69.4	43.0	68.6	0.0	NO	69.3	43.0	68.6	0.0	NO	69.3	43.1	68.6	0.0	NO	69.3	39.4	68.6	0.0	NO	69.3
12	07	Hospital_W_A	68.1	68.8	53.5	68.2	0.1	NO	68.9	53.3	68.4	0.3	NO	69.1	52.7	68.2	0.1	NO	68.9	43.1	68.1	0.0	NO	68.8	43.1	68.1	0.0	NO	68.8	43.2	68.1	0.0	NO	68.8	39.3	68.1	0.0	NO	68.8
12	08	Hospital_W_A	67.7	68.4	53.6	67.9	0.2	NO	68.6	57.2	68.1	0.4	NO	68.8	54.5	67.9	0.2	NO	68.6	43.3	67.7	0.0	NO	68.4	43.3	67.7	0.0	NO	68.4	43.3	67.7	0.0	NO	68.4	39.3	67.7	0.0	NO	68.4
12	09	Hospital_W_A	67.3	68.0	54.7	67.5	0.2	NO	68.2	58.0	67.8	0.5	NO	68.5	55.2	67.6	0.3	NO	68.3	43.4	67.3	0.0	NO	68.0	43.4	67.3	0.0	NO	68.0	43.5	67.3	0.0	NO	68.0	39.3	67.3	0.0	NO	68.0
12	10	Hospital_W_A	66.9	67.6	54.9	67.2	0.3	NO	67.9	58.1	67.4	0.5	NO	68.1	55.1	67.2	0.3	NO	67.9	43.5	66.9	0.0	NO	67.6	43.5	66.9	0.0	NO	67.6	43.6	66.9	0.0	NO	67.6	39.3	66.9	0.0	NO	67.6
12	11	Hospital_W_A	66.6	67.3	54.9	66.9	0.3	NO	67.6	58.1	67.2	0.6	NO	67.9	55.1	66.9	0.3	NO	67.6	43.6	66.6	0.0	NO	67.3	43.6	66.6	0.0	NO	67.3	43.7	66.6	0.0	NO	67.3	39.3	66.6	0.0	NO	67.3
12	12	Hospital_W_A	66.2	66.9	54.9	66.5	0.3	NO	67.2	58.1	66.8	0.6	NO	67.5	55.1	66.5	0.3	NO	67.2	43.7	66.2	0.0	NO	66.9	43.7	66.2	0.0	NO	66.9	43.9	66.2	0.0	NO	66.9	39.3	66.2	0.0	NO	66.9
12	13	Hospital_W_A	65.9	66.6	54.9	66.2	0.3	NO	66.9	58.0	66.6	0.7	NO	67.3	55.0	66.2	0.3	NO	66.9	43.8	65.9	0.0	NO	66.6	43.8	65.9	0.0	NO	66.6	43.9	65.9	0.0	NO	66.6	39.3	65.9	0.0	NO	66.6
12	14	Hospital_W_A	65.6	66.3	54.8	65.9	0.3	NO	66.6	58.0	66.3	0.7	NO	67.0	55.0	66.0	0.4	NO	66.7	43.9	65.6	0.0	NO	66.3	43.9	65.6	0.0	NO	66.3	44.0	65.6	0.0	NO	66.3	39.3	65.6	0.0	NO	66.3
12	15	Hospital_W_A	65.3	66.0	54.8	65.7	0.4	NO	66.4	58.0	66.0	0.7	NO	66.7	54.9	65.7	0.4	NO	66.4	43.9	65.3	0.0	NO	66.0	43.9	65.3	0.0	NO	66.0	44.0	65.3	0.0	NO	66.0	39.3	65.3	0.0	NO	66.0
12	16	Hospital_W_A	65.1																																				

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15	14	Hospital_E_A	63.6	67.7	48.0	63.7	0.1	NO	67.8	47.6	63.7	0.1	NO	67.8	43.3	63.6	0.0	NO	67.7	64.0	66.8	3.2	YES	70.9	64.0	66.8	3.2	YES	70.9	66.9	68.6	5.0	YES	72.7	63.8	66.7	3.1	YES	70.8
15	15	Hospital_E_A	63.6	67.7	47.9	63.7	0.1	NO	67.8	47.5	63.7	0.1	NO	67.8	43.2	63.6	0.0	NO	67.7	63.9	66.8	3.2	YES	70.9	63.9	66.8	3.2	YES	70.9	66.9	68.6	5.0	YES	72.7	63.8	66.7	3.1	YES	70.8
15	16	Hospital_E_A	63.6	67.7	47.9	63.7	0.1	NO	67.8	47.5	63.7	0.1	NO	67.8	43.2	63.6	0.0	NO	67.7	63.9	66.8	3.2	YES	70.9	63.9	66.8	3.2	YES	70.9	66.8	68.5	4.9	YES	72.6	63.7	66.7	3.1	YES	70.8
15	17	Hospital_E_A	63.6	67.7	47.8	63.7	0.1	NO	67.8	47.4	63.7	0.1	NO	67.8	43.1	63.6	0.0	NO	67.7	63.8	66.7	3.1	YES	70.8	63.8	66.7	3.1	YES	70.8	66.8	68.5	4.9	YES	72.6	63.7	66.7	3.1	YES	70.8
15	18	Hospital_E_A	63.6	67.7	48.0	63.7	0.1	NO	67.8	47.6	63.7	0.1	NO	67.8	43.1	63.6	0.0	NO	67.7	63.8	66.7	3.1	YES	70.8	63.8	66.7	3.1	YES	70.8	66.7	68.4	4.8	YES	72.5	63.6	66.6	3.0	YES	70.7
15	19	Hospital_E_A	63.6	67.7	47.9	63.7	0.1	NO	67.8	47.8	63.7	0.1	NO	67.8	43.2	63.6	0.0	NO	67.7	63.8	66.7	3.1	YES	70.8	63.8	66.7	3.1	YES	70.8	66.6	68.4	4.8	YES	72.5	63.6	66.6	3.0	YES	70.7
15	20	Hospital_E_A	63.6	67.7	47.9	63.7	0.1	NO	67.8	47.7	63.7	0.1	NO	67.8	43.1	63.6	0.0	NO	67.7	63.7	66.7	3.1	YES	70.8	63.7	66.7	3.1	YES	70.8	66.6	68.4	4.8	YES	72.5	63.5	66.6	3.0	NO	70.7
15	21	Hospital_E_A	63.6	67.7	47.8	63.7	0.1	NO	67.8	47.6	63.7	0.1	NO	67.8	43.0	63.6	0.0	NO	67.7	63.6	66.6	3.0	YES	70.7	63.6	66.6	3.0	YES	70.7	66.5	68.3	4.7	YES	72.4	63.5	66.6	3.0	NO	70.7
16	01	Hospital_E_B	67.0	71.1	44.5	67.0	0.0	NO	71.1	44.1	67.0	0.0	NO	71.1	39.2	67.0	0.0	NO	71.1	44.3	67.0	0.0	NO	71.1	44.3	67.0	0.0	NO	71.1	57.2	67.4	0.4	NO	71.5	56.7	67.4	0.4	NO	71.5
16	02	Hospital_E_B	67.6	71.7	44.5	67.6	0.0	NO	71.7	44.4	67.6	0.0	NO	71.7	39.6	67.6	0.0	NO	71.7	52.7	67.7	0.1	NO	71.8	52.7	67.7	0.1	NO	71.8	59.1	68.2	0.6	NO	72.3	57.3	68.0	0.4	NO	72.1
16	03	Hospital_E_B	63.6	67.7	45.6	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	35.9	63.6	0.0	NO	67.7	45.0	63.7	0.1	NO	67.8	45.0	63.7	0.1	NO	67.8	46.0	63.7	0.1	NO	67.8	43.0	63.6	0.0	NO	67.7
16	04	Hospital_E_B	63.6	67.7	45.6	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	36.0	63.6	0.0	NO	67.7	45.0	63.7	0.1	NO	67.8	45.0	63.7	0.1	NO	67.8	46.0	63.7	0.1	NO	67.8	42.9	63.6	0.0	NO	67.7
16	05	Hospital_E_B	63.6	67.7	45.7	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	36.0	63.6	0.0	NO	67.7	45.0	63.7	0.1	NO	67.8	45.0	63.7	0.1	NO	67.8	45.8	63.7	0.1	NO	67.8	42.8	63.6	0.0	NO	67.7
16	06	Hospital_E_B	63.6	67.7	45.7	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	36.0	63.6	0.0	NO	67.7	45.0	63.7	0.1	NO	67.8	45.0	63.7	0.1	NO	67.8	45.8	63.7	0.1	NO	67.8	42.9	63.6	0.0	NO	67.7
16	07	Hospital_E_B	63.6	67.7	45.7	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	36.0	63.6	0.0	NO	67.7	45.0	63.7	0.1	NO	67.8	45.0	63.7	0.1	NO	67.8	45.8	63.7	0.1	NO	67.8	42.9	63.6	0.0	NO	67.7
16	08	Hospital_E_B	63.6	67.7	45.7	63.7	0.1	NO	67.8	45.1	63.7	0.1	NO	67.8	36.3	63.6	0.0	NO	67.7	45.9	63.7	0.1	NO	67.8	45.9	63.7	0.1	NO	67.8	47.3	63.7	0.1	NO	67.8	44.5	63.6	0.1	NO	67.7
16	09	Hospital_E_B	63.6	67.7	46.0	63.7	0.1	NO	67.8	45.4	63.7	0.1	NO	67.8	37.1	63.6	0.0	NO	67.7	55.4	64.2	0.6	NO	68.3	55.4	64.2	0.6	NO	68.3	58.7	64.8	1.2	NO	68.9	55.9	64.3	0.7	NO	68.4
16	10	Hospital_E_B	63.6	67.7	47.9	63.7	0.1	NO	67.8	47.3	63.7	0.1	NO	67.8	39.2	63.6	0.0	NO	67.7	60.5	65.3	1.7	NO	69.4	60.5	65.3	1.7	NO	69.4	64.8	67.2	3.7	YES	71.3	61.5	65.7	2.1	NO	69.8
16	11	Hospital_E_B	63.6	67.7	48.7	63.7	0.1	NO	67.8	48.2	63.7	0.1	NO	67.8	43.1	63.6	0.0	NO	67.7	65.1	67.4	3.8	YES	71.5	65.1	67.4	3.8	YES	71.5	67.8	69.2	5.6	YES	73.3	64.7	67.2	3.6	YES	71.3
16	12	Hospital_E_B	63.6	67.7	49.0	63.7	0.1	NO	67.8	48.6	63.7	0.1	NO	67.8	44.3	63.6	0.1	NO	67.7	65.0	67.4	3.8	YES	71.5	65.0	67.4	3.8	YES	71.5	67.8	69.2	5.6	YES	73.3	64.9	67.3	3.7	YES	71.4
16	13	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.5	63.7	0.1	NO	67.8	44.2	63.6	0.0	NO	67.7	65.0	67.4	3.8	YES	71.5	65.0	67.4	3.8	YES	71.5	67.7	69.1	5.5	YES	73.2	64.7	67.2	3.6	YES	71.3
16	14	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.5	63.7	0.1	NO	67.8	44.2	63.6	0.0	NO	67.7	64.9	67.3	3.7	YES	71.4	64.9	67.3	3.7	YES	71.4	67.7	69.1	5.5	YES	73.2	64.6	67.1	3.5	YES	71.2
16	15	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.4	63.7	0.1	NO	67.8	44.1	63.6	0.0	NO	67.7	64.9	67.3	3.7	YES	71.4	64.9	67.3	3.7	YES	71.4	67.6	69.1	5.5	YES	73.2	64.6	67.1	3.5	YES	71.2
16	16	Hospital_E_B	63.6	67.7	49.0	63.7	0.1	NO	67.8	48.6	63.7	0.1	NO	67.8	44.1	63.6	0.0	NO	67.7	64.8	67.2	3.7	YES	71.3	64.8	67.2	3.7	YES	71.3	67.6	69.1	5.5	YES	73.2	64.5	67.1	3.5	YES	71.2
16	17	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.8	63.7	0.1	NO	67.8	44.1	63.6	0.0	NO	67.7	64.8	67.2	3.7	YES	71.3	64.8	67.2	3.7	YES	71.3	67.5	69.0	5.4	YES	73.1	64.4	67.0	3.4	YES	71.1
16	18	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.7	63.7	0.1	NO	67.8	44.0	63.6	0.0	NO	67.7	64.7	67.2	3.6	YES	71.3	64.7	67.2	3.6	YES	71.3	67.4	68.9	5.3	YES	73.0	64.4	67.0	3.4	YES	71.1
16	19	Hospital_E_B	63.6	67.7	49.0	63.7	0.1	NO	67.8	48.6	63.7	0.1	NO	67.8	44.0	63.6	0.0	NO	67.7	64.6	67.1	3.5	YES	71.2	64.6	67.1	3.5	YES	71.2	67.4	68.9	5.3	YES	73.0	64.3	67.0	3.4	YES	71.1
16	20	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.6	63.7	0.1	NO	67.8	43.9	63.6	0.0	NO	67.7	64.5	67.1	3.5	YES	71.2	64.5	67.1	3.5	YES	71.2	67.3	68.8	5.2	YES	72.9	64.3	67.0	3.4	YES	71.1
16	21	Hospital_E_B	63.6	67.7	48.9	63.7	0.1	NO	67.8	48.5	63.7	0.1	NO	67.8	43.7	63.6	0.0	NO	67.7	64.4	67.0	3.4	YES	71.1	64.4	67.0	3.4	YES	71.1	67.2	68.8	5.2	YES	72.9	64.2	66.9	3.3	YES	71.0
17	01	Hospital_E_C	63.6	67.7	46.0	63.7	0.1	NO	67.8	45.6	63.7	0.1	NO	67.8	41.1	63.6	0.0	NO	67.7	47.5	63.7	0.1	NO	67.8	47.5	63.7	0.1	NO	67.8	58.6	64.8	1.2	NO	68.9	51.2	63.8	0.2	NO	67.9
17	02	Hospital_E_C	63.6	67.7	46.1	63.7	0.1	NO	67.8	47.1	63.7	0.1	NO	67.8	41.7	63.6	0.0	NO	67.7	55.5	64.2	0.6	NO	68.3	55.5	64.2	0.6	NO	68.3	61.9	65.8	2.2	NO	69.9	57.0	64.5	0.9	NO	68.6
17	03	Hospital_E_C	64.0	68.1	46.3	64.1	0.1	NO	68.2	47.1	64.1	0.1	NO	68.2	42.2	64.0	0.0	NO	68.1	55.9	64.6	0.6	NO	68.7	55.9	64.6	0.6	NO	68.7	63.8	66.9	2.9	NO	71.0	57.9	65.0	1.0	NO	69.1
17	04	Hospital_E_C	64.6	68.7	46.7	64.7	0.1	NO	68.8	47.7	64.7	0.1	NO	68.8	42.9	64.6	0.0	NO	68.7	56.5	65.2	0.6	NO	69.3	56.5	65.2	0.6	NO	69.3	65.1	67.9	3.3	YES	72.0	58.2	65.5	0.9	NO	69.6
17	05	Hospital_E_C	64.9	69.0	49.3	65.0	0.1	NO	69.1	48.5	65.0	0.1	NO	69.1	43.5	64.9	0.0	NO	69.0	59.9	66.1	1.2	NO	70.2	59.9	66.1	1.2	NO	70.2	65.1	68.0	3.1	YES	72.1	58.2	65.7	0.8	NO	69.8
17	06	Hospital_E_C	65.1	69.2	49.6	65.2	0.1	NO	69.3	48.9	65.2	0.1	NO	69.3	44.0	65.1	0.0	NO	69.2	59.9	66.2	1.1	NO	70.3	59.9	66.2	1.1	NO	70.3	65.1	68.1	3.0	YES	72.2	58.2	65.9	0.8	NO	70.0
17	07	Hospital_E_C	65.1	69.2	49.7	65.2	0.1	NO	69.3	49.0	65.2	0.1	NO	69.3	44.4	65.1	0.0	NO	69.2	60.0	66.3	1.2	NO	70.4	60.0	66.3	1.2	NO	70.4	65.4	68.3	3.2	YES	72.4	59.6	66.2	1.1	NO	70.3
17	08	Hospital_E_C	65.0	69.1	50.3	65.1	0.1	NO	69.2	49.0	65.1	0.1	NO	69.2	44.5	65.0	0.0	NO	69.1	60.0	66.2	1.2	NO	70.3	60.0	66.2	1.2	NO	70.3	65.6	68.3	3.3	YES	72.4	60.5	66.3	1.3	NO	70.4
17	08	Hospital_E_C	65.0	69.1	50.3	65.1																																	

ECF East 96th Street

20	06	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.1	63.6	0.0	NO	66.7	40.9	63.6	0.0	NO	66.6
20	07	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.1	63.6	0.0	NO	66.7	40.8	63.6	0.0	NO	66.6
20	08	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.5	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.1	63.6	0.0	NO	66.7	40.8	63.6	0.0	NO	66.6
20	09	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.0	63.6	0.0	NO	66.7	40.8	63.6	0.0	NO	66.6
20	10	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.0	63.6	0.0	NO	66.7	40.8	63.6	0.0	NO	66.6
20	11	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.0	63.6	0.0	NO	66.7	40.7	63.6	0.0	NO	66.6
20	12	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.0	63.6	0.0	NO	66.7	40.7	63.6	0.0	NO	66.6
20	13	Hospital N B	63.6	66.6	43.8	63.6	0.0	NO	66.7	43.3	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	42.1	63.6	0.0	NO	66.6	43.2	63.6	0.0	NO	66.7	40.9	63.6	0.0	NO	66.6
20	14	Hospital N B	63.6	66.6	43.7	63.6	0.0	NO	66.7	43.2	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	43.7	63.6	0.0	NO	66.7	41.3	63.6	0.0	NO	66.6
20	15	Hospital N B	63.6	66.6	43.7	63.6	0.0	NO	66.7	43.2	63.6	0.0	NO	66.7	34.4	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	43.9	63.6	0.0	NO	66.7	41.4	63.6	0.0	NO	66.6
20	16	Hospital N B	63.6	66.6	43.6	63.6	0.0	NO	66.7	43.1	63.6	0.0	NO	66.7	34.3	63.6	0.0	NO	66.6	42.6	63.6	0.0	NO	66.6	42.6	63.6	0.0	NO	66.6	44.2	63.6	0.0	NO	66.7	41.4	63.6	0.0	NO	66.6
20	17	Hospital N B	63.6	66.6	43.6	63.6	0.0	NO	66.7	43.1	63.6	0.0	NO	66.7	34.3	63.6	0.0	NO	66.6	42.6	63.6	0.0	NO	66.6	42.6	63.6	0.0	NO	66.6	44.3	63.6	0.1	NO	66.7	41.4	63.6	0.0	NO	66.6
20	18	Hospital N B	63.6	66.6	43.6	63.6	0.0	NO	66.7	43.1	63.6	0.0	NO	66.7	34.3	63.6	0.0	NO	66.6	42.5	63.6	0.0	NO	66.6	42.5	63.6	0.0	NO	66.6	44.2	63.6	0.0	NO	66.7	41.4	63.6	0.0	NO	66.6
20	19	Hospital N B	63.6	66.6	43.5	63.6	0.0	NO	66.7	43.0	63.6	0.0	NO	66.7	34.3	63.6	0.0	NO	66.6	42.5	63.6	0.0	NO	66.6	42.5	63.6	0.0	NO	66.6	44.2	63.6	0.0	NO	66.7	41.4	63.6	0.0	NO	66.6
20	20	Hospital N B	63.6	66.6	43.5	63.6	0.0	NO	66.7	43.0	63.6	0.0	NO	66.7	34.3	63.6	0.0	NO	66.6	42.4	63.6	0.0	NO	66.6	42.4	63.6	0.0	NO	66.6	44.1	63.6	0.0	NO	66.7	41.3	63.6	0.0	NO	66.6
20	21	Hospital N B	63.6	66.6	43.3	63.6	0.0	NO	66.7	42.8	63.6	0.0	NO	66.7	34.1	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	42.3	63.6	0.0	NO	66.6	44.1	63.6	0.0	NO	66.7	41.3	63.6	0.0	NO	66.6
21	01	1711 3rd Ave N	63.6	66.6	45.6	63.7	0.1	NO	66.7	45.4	63.7	0.1	NO	66.7	40.4	63.6	0.0	NO	66.6	40.9	63.6	0.0	NO	66.6	40.9	63.6	0.0	NO	66.6	39.6	63.6	0.0	NO	66.7	37.5	63.6	0.0	NO	66.6
21	02	1711 3rd Ave N	63.6	66.6	45.0	63.7	0.1	NO	66.7	44.8	63.7	0.1	NO	66.7	39.6	63.6	0.0	NO	66.6	40.4	63.6	0.0	NO	66.6	40.4	63.6	0.0	NO	66.6	39.2	63.6	0.0	NO	66.7	37.2	63.6	0.0	NO	66.6
21	03	1711 3rd Ave N	63.6	66.6	44.4	63.6	0.1	NO	66.7	44.2	63.6	0.0	NO	66.7	38.8	63.6	0.0	NO	66.6	40.0	63.6	0.0	NO	66.6	40.0	63.6	0.0	NO	66.6	38.9	63.6	0.0	NO	66.7	36.9	63.6	0.0	NO	66.6
21	04	1711 3rd Ave N	63.6	66.6	44.4	63.6	0.1	NO	66.7	44.2	63.6	0.0	NO	66.7	38.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	38.7	63.6	0.0	NO	66.7	36.7	63.6	0.0	NO	66.6
21	05	1711 3rd Ave N	63.6	66.6	44.7	63.7	0.1	NO	66.7	44.4	63.6	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	38.6	63.6	0.0	NO	66.7	36.7	63.6	0.0	NO	66.6
21	06	1711 3rd Ave N	63.6	66.6	44.7	63.7	0.1	NO	66.7	44.4	63.6	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	38.1	63.6	0.0	NO	66.7	35.8	63.6	0.0	NO	66.6
21	07	1711 3rd Ave N	63.6	66.6	45.0	63.7	0.1	NO	66.7	44.7	63.7	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	39.8	63.6	0.0	NO	66.6	38.2	63.6	0.0	NO	66.7	35.8	63.6	0.0	NO	66.6
21	08	1711 3rd Ave N	63.6	66.6	45.0	63.7	0.1	NO	66.7	44.7	63.7	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	38.2	63.6	0.0	NO	66.7	35.8	63.6	0.0	NO	66.6
21	09	1711 3rd Ave N	63.6	66.6	45.0	63.7	0.1	NO	66.7	44.7	63.7	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	38.2	63.6	0.0	NO	66.7	35.9	63.6	0.0	NO	66.6
21	10	1711 3rd Ave N	63.6	66.6	45.1	63.7	0.1	NO	66.7	44.8	63.7	0.1	NO	66.7	38.8	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	39.5	63.6	0.0	NO	66.6	38.3	63.6	0.0	NO	66.7	35.9	63.6	0.0	NO	66.6
22	01	215 E 96th N	63.6	66.6	56.2	64.3	0.7	NO	67.3	55.1	64.2	0.6	NO	67.2	49.8	63.8	0.2	NO	66.8	53.8	64.0	0.4	NO	67.0	53.8	64.0	0.4	NO	67.0	48.0	63.7	0.1	NO	66.7	47.0	63.7	0.1	NO	66.7
22	02	215 E 96th N	63.6	66.6	55.6	64.2	0.6	NO	67.3	54.7	64.1	0.5	NO	67.1	51.3	63.8	0.2	NO	66.9	52.8	63.9	0.3	NO	67.0	52.8	63.9	0.3	NO	67.0	47.3	63.7	0.1	NO	66.7	46.2	63.7	0.1	NO	66.7
22	03	215 E 96th N	63.6	66.6	55.2	64.2	0.6	NO	67.2	54.6	64.1	0.5	NO	67.1	51.3	64.1	0.5	NO	67.1	52.0	63.9	0.3	NO	66.9	52.0	63.9	0.3	NO	66.9	46.7	63.7	0.1	NO	66.7	45.4	63.7	0.1	NO	66.7
22	04	215 E 96th N	63.6	66.6	55.4	64.2	0.6	NO	67.2	56.5	64.4	0.8	NO	67.4	54.3	64.1	0.5	NO	67.1	51.9	63.9	0.3	NO	66.9	51.9	63.9	0.3	NO	66.9	46.4	63.7	0.1	NO	66.7	45.1	63.7	0.1	NO	66.7
22	05	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	57.6	64.6	1.0	NO	67.6	54.3	64.1	0.5	NO	67.1	51.9	63.9	0.3	NO	66.9	51.9	63.9	0.3	NO	66.9	46.5	63.7	0.1	NO	66.7	45.0	63.7	0.1	NO	66.7
22	06	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.6	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	51.9	63.9	0.3	NO	66.9	51.9	63.9	0.3	NO	66.9	45.1	63.7	0.1	NO	66.7	38.3	63.6	0.0	NO	66.6
22	07	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.7	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	51.9	63.9	0.3	NO	66.9	51.9	63.9	0.3	NO	66.9	45.2	63.7	0.1	NO	66.7	38.2	63.6	0.0	NO	66.6
22	08	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.7	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	51.9	63.9	0.3	NO	66.9	51.9	63.9	0.3	NO	66.9	45.4	63.7	0.1	NO	66.7	38.3	63.6	0.0	NO	66.6
22	09	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.7	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	52.0	63.9	0.3	NO	66.9	52.0	63.9	0.3	NO	66.9	45.5	63.7	0.1	NO	66.7	38.3	63.6	0.0	NO	66.6
22	10	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.7	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	52.0	63.9	0.3	NO	66.9	52.0	63.9	0.3	NO	66.9	45.9	63.7	0.1	NO	66.7	38.5	63.6	0.0	NO	66.6
22	11	215 E 96th N	63.6	66.6	56.7	64.4	0.8	NO	67.4	58.7	64.8	1.2	NO	67.8	54.3	64.1	0.5	NO	67.1	52.0	63.9	0.3	NO	66.9	52.0	63.9	0.3	NO	66.9	46.0	63.7	0.1	NO	66.7	38.4	63.6	0.0	NO	66.6
22																																							

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

24	23	215 E 96th S	63.6	66.0	65.0	67.4	3.8	YES	69.8	62.8	66.2	2.6	NO	68.6	45.0	63.7	0.1	NO	66.1	53.2	64.0	0.4	NO	66.4	53.2	64.0	0.4	NO	66.4	53.7	64.0	0.4	NO	66.4	44.9	63.7	0.1	NO	66.1
24	24	215 E 96th S	63.6	66.0	65.0	67.4	3.8	YES	69.8	63.6	66.6	3.0	YES	69.0	44.9	63.7	0.1	NO	66.1	53.1	64.0	0.4	NO	66.4	53.1	64.0	0.4	NO	66.4	53.6	64.0	0.4	NO	66.4	44.9	63.7	0.1	NO	66.1
24	25	215 E 96th S	63.6	66.0	64.8	67.2	3.7	YES	69.6	63.9	66.8	3.2	YES	69.2	44.8	63.7	0.1	NO	66.1	53.1	64.0	0.4	NO	66.4	53.1	64.0	0.4	NO	66.4	53.6	64.0	0.4	NO	66.4	44.9	63.7	0.1	NO	66.1
24	26	215 E 96th S	63.6	66.0	65.1	67.4	3.8	YES	69.8	64.3	67.0	3.4	YES	69.4	44.8	63.7	0.1	NO	66.1	53.0	64.0	0.4	NO	66.4	53.0	64.0	0.4	NO	66.4	53.6	64.0	0.4	NO	66.4	44.9	63.7	0.1	NO	66.1
24	27	215 E 96th S	63.6	66.0	65.2	67.5	3.9	YES	69.9	64.4	67.0	3.4	YES	69.4	44.7	63.7	0.1	NO	66.1	53.0	64.0	0.4	NO	66.4	53.0	64.0	0.4	NO	66.4	53.5	64.0	0.4	NO	66.4	44.8	63.7	0.1	NO	66.1
24	28	215 E 96th S	63.6	66.0	65.1	67.4	3.8	YES	69.8	64.3	67.0	3.4	YES	69.4	44.6	63.6	0.1	NO	66.0	52.9	64.0	0.4	NO	66.4	52.9	64.0	0.4	NO	66.4	53.5	64.0	0.4	NO	66.4	44.8	63.7	0.1	NO	66.1
24	29	215 E 96th S	63.6	66.0	65.1	67.4	3.8	YES	69.8	64.3	67.0	3.4	YES	69.4	44.6	63.6	0.1	NO	66.0	52.9	64.0	0.4	NO	66.4	52.9	64.0	0.4	NO	66.4	53.5	64.0	0.4	NO	66.4	44.8	63.7	0.1	NO	66.1
24	30	215 E 96th S	63.6	66.0	65.0	67.4	3.8	YES	69.8	64.2	66.9	3.3	YES	69.3	44.5	63.6	0.1	NO	66.0	52.8	63.9	0.3	NO	66.3	52.8	63.9	0.3	NO	66.3	53.4	64.0	0.4	NO	66.4	49.6	63.8	0.2	NO	66.2
24	31	215 E 96th S	63.6	66.0	64.9	67.3	3.7	YES	69.7	64.2	66.9	3.3	YES	69.3	44.4	63.6	0.1	NO	66.0	52.7	63.9	0.3	NO	66.3	52.7	63.9	0.3	NO	66.3	53.4	64.0	0.4	NO	66.4	49.5	63.8	0.2	NO	66.2
24	32	215 E 96th S	63.6	66.0	64.9	67.3	3.7	YES	69.7	64.1	66.9	3.3	YES	69.3	44.3	63.6	0.1	NO	66.0	52.7	63.9	0.3	NO	66.3	52.7	63.9	0.3	NO	66.3	53.4	64.0	0.4	NO	66.4	49.5	63.8	0.2	NO	66.2
24	33	215 E 96th S	63.6	66.0	64.8	67.2	3.7	YES	69.6	64.0	66.8	3.2	YES	69.2	44.3	63.6	0.1	NO	66.0	52.6	63.9	0.3	NO	66.3	52.6	63.9	0.3	NO	66.3	54.5	64.1	0.5	NO	66.5	49.5	63.8	0.2	NO	66.2
24	34	215 E 96th S	63.6	66.0	64.7	67.2	3.6	YES	69.6	64.0	66.8	3.2	YES	69.2	44.2	63.6	0.0	NO	66.0	52.5	63.9	0.3	NO	66.3	52.5	63.9	0.3	NO	66.3	54.4	64.1	0.5	NO	66.5	49.4	63.8	0.2	NO	66.2
24	35	215 E 96th S	63.6	66.0	64.7	67.2	3.6	YES	69.6	63.9	66.8	3.2	YES	69.2	44.1	63.6	0.0	NO	66.0	52.5	63.9	0.3	NO	66.3	52.5	63.9	0.3	NO	66.3	54.4	64.1	0.5	NO	66.5	49.4	63.8	0.2	NO	66.2
24	36	215 E 96th S	63.6	66.0	64.6	67.1	3.5	YES	69.5	63.9	66.8	3.2	YES	69.2	44.1	63.6	0.0	NO	66.0	52.4	63.9	0.3	NO	66.3	52.4	63.9	0.3	NO	66.3	54.4	64.1	0.5	NO	66.5	49.4	63.8	0.2	NO	66.2
24	37	215 E 96th S	63.6	66.0	64.5	67.1	3.5	YES	69.5	63.8	66.7	3.1	YES	69.1	44.0	63.6	0.0	NO	66.0	52.3	63.9	0.3	NO	66.3	52.3	63.9	0.3	NO	66.3	54.3	64.1	0.5	NO	66.5	49.3	63.8	0.2	NO	66.2
24	38	215 E 96th S	63.6	66.0	64.5	67.1	3.5	YES	69.5	63.7	66.7	3.1	YES	69.1	44.0	63.6	0.0	NO	66.0	52.2	63.9	0.3	NO	66.3	52.2	63.9	0.3	NO	66.3	54.3	64.1	0.5	NO	66.5	49.3	63.8	0.2	NO	66.2
24	39	215 E 96th S	63.6	66.0	64.4	67.0	3.4	YES	69.4	63.7	66.7	3.1	YES	69.1	43.9	63.6	0.0	NO	66.0	52.2	63.9	0.3	NO	66.3	52.2	63.9	0.3	NO	66.3	54.2	64.1	0.5	NO	66.5	49.3	63.8	0.2	NO	66.2
24	40	215 E 96th S	63.6	66.0	64.3	67.0	3.4	YES	69.4	63.6	66.6	3.0	YES	69.0	43.9	63.6	0.0	NO	66.0	52.1	63.9	0.3	NO	66.3	52.1	63.9	0.3	NO	66.3	54.2	64.1	0.5	NO	66.5	49.2	63.8	0.2	NO	66.2
24	41	215 E 96th S	63.6	66.0	64.0	66.8	3.2	YES	69.2	63.5	66.6	3.0	NO	69.0	45.4	63.7	0.1	NO	66.1	52.0	63.9	0.3	NO	66.3	52.0	63.9	0.3	NO	66.3	54.2	64.1	0.5	NO	66.5	49.2	63.8	0.2	NO	66.2
25	01	227 E 96th S	68.6	71.0	60.0	69.2	0.6	NO	71.6	61.5	69.4	0.8	NO	71.8	45.4	68.6	0.0	NO	71.0	54.2	68.8	0.2	NO	71.2	54.2	68.8	0.2	NO	71.2	57.0	68.9	0.3	NO	71.3	51.7	68.7	0.1	NO	71.1
25	02	227 E 96th S	68.9	71.3	62.1	69.7	0.8	NO	72.1	62.3	69.8	0.9	NO	72.2	46.0	68.9	0.0	NO	71.3	55.5	69.1	0.2	NO	71.5	55.5	69.1	0.2	NO	71.5	56.3	69.1	0.2	NO	71.5	50.7	69.0	0.1	NO	71.4
25	03	227 E 96th S	68.5	70.9	64.2	69.9	1.4	NO	72.3	65.2	70.2	1.7	NO	72.6	46.5	68.5	0.0	NO	70.9	57.9	68.9	0.4	NO	71.3	57.9	68.9	0.4	NO	71.3	55.9	68.7	0.2	NO	71.1	50.0	68.6	0.1	NO	71.0
25	04	227 E 96th S	68.0	70.4	66.6	70.4	2.4	NO	72.8	65.8	70.0	2.0	NO	72.4	47.1	68.0	0.0	NO	70.4	57.9	68.4	0.4	NO	70.8	57.9	68.4	0.4	NO	70.8	56.3	68.3	0.3	NO	70.7	50.0	68.1	0.1	NO	70.5
25	05	227 E 96th S	67.5	69.9	66.5	70.0	2.5	NO	72.4	65.8	69.7	2.2	NO	72.1	47.6	67.5	0.0	NO	69.9	58.0	68.0	0.5	NO	70.4	58.0	68.0	0.5	NO	70.4	56.5	67.8	0.3	NO	70.2	50.1	67.6	0.1	NO	70.0
26	01	1865 2nd Ave S	69.1	71.5	63.8	70.2	1.1	NO	72.6	65.8	70.8	1.7	NO	73.2	52.4	69.2	0.1	NO	71.6	60.8	69.7	0.6	NO	72.1	60.8	69.7	0.6	NO	72.1	56.5	69.3	0.2	NO	71.7	50.3	69.2	0.1	NO	71.6
26	02	1865 2nd Ave S	69.7	72.1	68.0	71.9	2.2	NO	74.3	69.4	72.6	2.9	NO	75.0	54.0	69.8	0.1	NO	72.2	60.6	70.2	0.5	NO	72.6	60.6	70.2	0.5	NO	72.6	56.5	69.9	0.2	NO	72.3	49.1	69.7	0.0	NO	72.1
26	03	1865 2nd Ave S	69.5	71.9	70.9	73.3	3.8	YES	75.7	70.1	72.8	3.3	YES	75.2	55.1	69.7	0.2	NO	72.1	60.8	70.0	0.5	NO	72.4	60.8	70.0	0.5	NO	72.4	57.4	69.8	0.3	NO	72.2	48.8	69.5	0.0	NO	71.9
26	04	1865 2nd Ave S	69.1	71.5	70.9	73.1	4.0	YES	75.5	70.2	72.7	3.6	YES	75.1	55.3	69.3	0.2	NO	71.7	60.8	69.7	0.6	NO	72.1	60.8	69.7	0.6	NO	72.1	57.5	69.4	0.3	NO	71.8	48.7	69.1	0.0	NO	71.5
26	05	1865 2nd Ave S	68.7	71.1	70.9	72.9	4.2	YES	75.3	70.2	72.5	3.8	YES	74.9	55.2	68.9	0.2	NO	71.3	60.7	69.3	0.6	NO	71.7	60.7	69.3	0.6	NO	71.7	57.4	69.0	0.3	NO	71.4	48.7	68.7	0.0	NO	71.1
26	06	1865 2nd Ave S	68.2	70.6	70.8	72.7	4.5	YES	75.1	70.1	72.3	4.1	YES	74.7	54.9	68.4	0.2	NO	70.8	60.7	68.9	0.7	NO	71.3	60.7	68.9	0.7	NO	71.3	57.3	68.5	0.3	NO	70.9	48.7	68.2	0.0	NO	70.6
26	07	1865 2nd Ave S	67.8	70.2	70.8	72.6	4.8	YES	75.0	70.1	72.1	4.3	YES	74.5	54.7	68.0	0.2	NO	70.4	60.6	68.6	0.8	NO	71.0	60.6	68.6	0.8	NO	71.0	58.1	68.2	0.4	NO	70.6	48.9	67.9	0.1	NO	70.3
26	08	1865 2nd Ave S	67.5	69.9	70.7	72.4	4.9	YES	74.8	70.0	71.9	4.4	YES	74.3	54.4	67.7	0.2	NO	70.1	60.4	68.3	0.8	NO	70.7	60.4	68.3	0.8	NO	70.7	58.0	68.0	0.5	NO	70.4	48.9	67.6	0.1	NO	70.0
26	09	1865 2nd Ave S	67.1	69.5	70.7	72.3	5.2	YES	74.7	69.9	71.7	4.6	YES	74.1	54.2	67.3	0.2	NO	69.7	60.3	67.9	0.8	NO	70.3	60.3	67.9	0.8	NO	70.3	57.9	67.6	0.5	NO	70.0	48.9	67.2	0.1	NO	69.6
27	01	1873 2nd Ave E	70.1	70.8	69.1	72.6	2.5	NO	73.3	68.9	72.6	2.5	NO	73.3	65.4	71.4	1.3	NO	72.1	58.0	70.4	0.3	NO	71.1	58.0	70.4	0.3	NO	71.1	58.0	70.4	0.3	NO	71.1	41.9	70.1	0.0	NO	70.8
27	02	1873 2nd Ave E	70.4	71.1	72.7	74.7	4.3	YES	75.4	72.8	74.8	4.4	YES	75.5	65.0	71.5	1.1	NO	72.2	58.5	70.7	0.3	NO	71.4	58.5	70.7	0.3	NO	71.4	58.4	70.7	0.3	NO	71.4	41.7	70.4	0.0	NO	71.1
27	03	1873 2nd Ave E	70.0	70.7	75.0	76.2	6.2	YES	76.9	74.3	75.7	5.7	YES	76.4	65.0	71.2	1.2	NO	71.9	58.5	70.3	0.3	NO	71.0	58.5	70.3	0.3	NO	71.0	58.4	70.3	0.3	NO	71.0	41.7	70.0	0.0	NO	70.7
27	04	1873 2nd Ave E	69.6	70.3	75.6	76.6	7.0	YES	77.3	75.1	76.2	6.6	YES	76.9	64.9	70.9	1.3	NO	71.6	58.																			

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

35	05	320 E 96th N A	67.3	69.7	72.2	73.4	6.1	YES	75.8	74.9	75.6	8.3	YES	78.0	65.5	69.5	2.2	NO	71.9	76.1	76.6	9.3	YES	79.0	76.1	76.6	9.3	YES	79.0	69.3	71.4	4.1	YES	73.8	68.6	71.0	3.7	YES	73.4
35	06	320 E 96th N A	66.9	69.3	73.1	74.0	7.1	YES	76.4	75.2	75.8	8.9	YES	78.2	65.4	69.2	2.3	NO	71.6	76.2	76.7	9.8	YES	79.1	76.2	76.7	9.8	YES	79.1	69.4	71.3	4.4	YES	73.7	69.0	71.1	4.2	YES	73.5
35	07	320 E 96th N A	66.6	69.0	74.0	74.7	8.1	YES	77.1	75.5	76.0	9.4	YES	78.4	65.3	69.0	2.4	NO	71.4	76.0	76.5	9.9	YES	78.9	76.0	76.5	9.9	YES	78.9	70.0	71.6	5.0	YES	74.0	68.5	70.7	4.1	YES	73.1
36	01	320 E 96th N B	68.3	70.7	62.1	69.2	0.9	NO	71.6	64.1	69.7	1.4	NO	72.1	63.6	69.6	1.3	NO	72.0	70.4	72.5	4.2	YES	74.9	70.4	72.5	4.2	YES	74.9	73.4	74.6	6.3	YES	77.0	72.7	74.0	5.7	YES	76.4
36	02	320 E 96th N B	68.7	71.1	63.8	69.9	1.2	NO	72.3	65.8	70.5	1.8	NO	72.9	62.8	69.7	1.0	NO	72.1	73.1	74.4	5.7	YES	76.8	73.1	74.4	5.7	YES	76.8	72.8	74.2	5.5	YES	76.6	72.4	73.9	5.2	YES	76.3
36	03	320 E 96th N B	68.4	70.8	65.2	70.1	1.7	NO	72.5	67.0	70.8	2.4	NO	73.2	62.7	69.4	1.0	NO	71.8	75.9	76.6	8.2	YES	79.0	75.9	76.6	8.2	YES	79.0	73.4	74.6	6.2	YES	77.0	73.0	74.3	5.9	YES	76.7
36	04	320 E 96th N B	68.0	70.4	67.7	70.9	2.9	NO	73.3	69.9	72.1	4.1	YES	74.5	62.8	69.1	1.1	NO	71.5	75.7	76.4	8.4	YES	78.8	75.7	76.4	8.4	YES	78.8	73.4	74.5	6.5	YES	76.9	71.7	73.2	5.2	YES	75.6
36	05	320 E 96th N B	67.6	70.0	68.1	70.9	3.3	YES	73.3	70.3	72.2	4.6	YES	74.6	62.9	68.9	1.3	NO	71.3	75.6	76.2	8.6	YES	78.6	75.6	76.2	8.6	YES	78.6	73.4	74.4	6.8	YES	76.8	71.6	73.1	5.5	YES	75.5
36	06	320 E 96th N B	67.3	69.7	69.3	71.4	4.1	YES	73.8	71.1	72.6	5.3	YES	75.0	62.8	68.6	1.3	NO	71.0	75.6	76.2	8.9	YES	78.6	75.6	76.2	8.9	YES	78.6	73.4	74.4	7.1	YES	76.8	71.5	72.9	5.6	YES	75.3
36	07	320 E 96th N B	67.0	69.4	70.6	72.2	5.2	YES	74.6	72.3	73.4	6.4	YES	75.8	63.7	68.7	1.7	NO	71.1	75.4	76.0	9.0	YES	78.4	75.4	76.0	9.0	YES	78.4	73.4	74.3	7.3	YES	76.7	71.4	72.7	5.7	YES	75.1
37	01	334 E 96th N	68.4	70.8	61.5	69.2	0.8	NO	71.6	63.3	69.6	1.2	NO	72.0	63.3	69.6	1.2	NO	72.0	70.2	72.4	4.0	YES	74.8	70.2	72.4	4.0	YES	74.8	70.8	72.8	4.4	YES	75.2	68.5	71.5	3.1	YES	73.9
37	02	334 E 96th N	68.8	71.2	63.0	69.8	1.0	NO	72.2	64.9	70.3	1.5	NO	72.7	62.5	69.7	0.9	NO	72.1	72.8	74.3	5.5	YES	76.7	72.8	74.3	5.5	YES	76.7	76.2	76.9	8.1	YES	79.3	75.8	76.6	7.8	YES	79.0
37	03	334 E 96th N	68.5	70.9	65.1	70.1	1.6	NO	72.5	66.5	70.6	2.1	NO	73.0	62.3	69.4	0.9	NO	71.8	75.7	76.5	8.0	YES	78.9	75.7	76.5	8.0	YES	78.9	76.8	77.4	8.9	YES	79.8	73.8	74.9	6.4	YES	77.3
37	04	334 E 96th N	68.1	70.5	66.7	70.5	2.4	NO	72.9	68.2	71.2	3.1	YES	73.6	62.4	69.1	1.0	NO	71.5	75.6	76.3	8.2	YES	78.7	75.6	76.3	8.2	YES	78.7	77.0	77.5	9.4	YES	79.9	76.7	77.3	9.2	YES	79.7
37	05	334 E 96th N	67.8	70.2	67.4	70.6	2.8	NO	73.0	69.4	71.7	3.9	YES	74.1	62.4	68.9	1.1	NO	71.3	75.4	76.1	8.3	YES	78.5	75.4	76.1	8.3	YES	78.5	76.6	77.1	9.3	YES	79.5	76.1	76.7	8.9	YES	79.1
37	06	334 E 96th N	67.5	69.9	68.6	71.1	3.6	YES	73.5	70.1	72.0	4.5	YES	74.4	62.6	68.7	1.2	NO	71.1	75.4	76.1	8.6	YES	78.5	75.4	76.1	8.6	YES	78.5	76.5	77.0	9.5	YES	79.4	73.8	74.7	7.2	YES	77.1
38	01	337 E 95th N	68.6	71.0	60.8	69.3	0.7	NO	71.7	62.2	69.5	0.9	NO	71.9	62.8	69.6	1.0	NO	72.0	69.6	72.1	3.5	YES	74.5	69.6	72.1	3.5	YES	74.5	70.7	72.8	4.2	YES	75.2	66.6	70.7	2.1	NO	73.1
38	02	337 E 95th N	69.0	71.4	61.9	69.8	0.8	NO	72.2	63.4	70.1	1.1	NO	72.5	62.0	69.8	0.8	NO	72.2	72.1	73.8	4.8	YES	76.2	72.1	73.8	4.8	YES	76.2	75.4	76.3	7.3	YES	78.7	74.5	75.6	6.6	YES	78.0
38	03	337 E 95th N	68.8	71.2	63.1	69.8	1.0	NO	72.2	64.5	70.2	1.4	NO	72.6	61.8	69.6	0.8	NO	72.0	75.0	75.9	7.1	YES	78.3	75.0	75.9	7.1	YES	78.3	76.6	77.3	8.5	YES	79.7	72.2	73.8	5.0	YES	76.2
38	04	337 E 95th N	68.5	70.9	65.0	70.1	1.6	NO	72.5	66.1	70.5	2.0	NO	72.9	61.6	69.3	0.8	NO	71.7	74.9	75.8	7.3	YES	78.2	74.9	75.8	7.3	YES	78.2	76.9	77.5	9.0	YES	79.9	75.1	76.0	7.5	YES	78.4
38	05	337 E 95th N	68.3	70.7	66.2	70.4	2.1	NO	72.8	67.5	70.9	2.6	NO	73.3	61.5	69.1	0.8	NO	71.5	74.8	75.7	7.4	YES	78.1	74.8	75.7	7.4	YES	78.1	76.8	77.4	9.1	YES	79.8	75.0	75.8	7.5	YES	78.2
38	06	337 E 95th N	68.0	70.4	67.0	70.5	2.5	NO	72.9	68.4	71.2	3.2	YES	73.6	61.4	68.9	0.9	NO	71.3	74.7	75.5	7.5	YES	77.9	74.7	75.5	7.5	YES	77.9	76.9	77.4	9.4	YES	79.8	73.4	74.5	6.5	YES	76.9
38	07	337 E 95th N	67.7	70.1	68.2	71.0	3.3	YES	73.4	69.1	71.5	3.8	YES	73.9	61.4	68.6	0.9	NO	71.0	74.6	75.4	7.7	YES	77.8	74.6	75.4	7.7	YES	77.8	76.7	77.2	9.5	YES	79.6	73.9	74.8	7.1	YES	77.2
38	08	337 E 95th N	67.5	69.9	68.0	70.8	3.3	YES	73.2	68.8	71.2	3.7	YES	73.6	61.8	68.5	1.0	NO	70.9	74.5	75.3	7.8	YES	77.7	74.5	75.3	7.8	YES	77.7	76.6	77.1	9.6	YES	79.5	73.7	74.6	7.1	YES	77.0
38	09	337 E 95th N	67.3	69.7	68.7	71.1	3.8	YES	73.5	69.3	71.4	4.1	YES	73.8	61.7	68.4	1.1	NO	70.8	74.3	75.1	7.8	YES	77.5	74.3	75.1	7.8	YES	77.5	76.4	76.9	9.6	YES	79.3	73.5	74.4	7.1	YES	76.8
38	10	337 E 95th N	67.1	69.5	70.0	71.8	4.7	YES	74.2	69.5	71.5	4.4	YES	73.9	61.7	68.2	1.1	NO	70.6	74.2	75.0	7.9	YES	77.4	74.2	75.0	7.9	YES	77.4	76.2	76.7	9.6	YES	79.1	73.2	74.2	7.1	YES	76.6
39	01	337 E 95th E	64.2	68.3	51.9	64.4	0.2	NO	68.5	51.7	64.4	0.2	NO	68.5	50.2	64.4	0.2	NO	68.5	53.5	64.6	0.4	NO	68.7	53.5	64.6	0.4	NO	68.7	63.9	67.1	2.9	NO	71.2	56.6	64.9	0.7	NO	69.0
39	02	337 E 95th E	65.5	69.6	52.8	65.7	0.2	NO	69.8	52.8	65.7	0.2	NO	69.8	51.4	65.7	0.2	NO	69.8	62.4	67.2	1.7	NO	71.3	62.4	67.2	1.7	NO	71.3	69.2	70.7	5.2	YES	74.8	58.2	66.2	0.7	NO	70.3
39	03	337 E 95th E	66.1	70.2	53.1	66.3	0.2	NO	70.4	53.0	66.3	0.2	NO	70.4	51.7	66.3	0.2	NO	70.4	62.7	67.7	1.6	NO	71.8	62.7	67.7	1.6	NO	71.8	69.8	71.3	5.2	YES	75.4	63.1	67.9	1.8	NO	72.0
39	04	337 E 95th E	66.5	70.6	53.2	66.7	0.2	NO	70.8	53.3	66.7	0.2	NO	70.8	51.5	66.6	0.1	NO	70.7	62.7	68.0	1.5	NO	72.1	62.7	68.0	1.5	NO	72.1	71.0	72.3	5.8	YES	76.4	66.2	69.4	2.9	NO	73.5
39	05	337 E 95th E	66.6	70.7	53.2	66.8	0.2	NO	70.9	53.2	66.8	0.2	NO	70.9	51.3	66.7	0.1	NO	70.8	62.6	68.1	1.5	NO	72.2	62.6	68.1	1.5	NO	72.2	71.9	73.0	6.4	YES	77.1	68.6	70.7	4.1	YES	74.8
39	06	337 E 95th E	66.6	70.7	53.1	66.8	0.2	NO	70.9	53.1	66.8	0.2	NO	70.9	51.0	66.7	0.1	NO	70.8	62.5	68.0	1.4	NO	72.1	62.5	68.0	1.4	NO	72.1	70.3	71.8	5.2	YES	75.9	64.1	68.5	1.9	NO	72.6
39	07	337 E 95th E	66.6	70.7	52.9	66.8	0.2	NO	70.9	52.9	66.8	0.2	NO	70.9	50.6	66.7	0.1	NO	70.8	62.5	68.0	1.4	NO	72.1	62.5	68.0	1.4	NO	72.1	70.8	72.2	5.6	YES	76.3	66.1	69.4	2.8	NO	73.5
39	08	337 E 95th E	66.5	70.6	52.9	66.7	0.2	NO	70.8	52.9	66.7	0.2	NO	70.8	50.3	66.6	0.1	NO	70.7	62.4	67.9	1.4	NO	72.0	62.4	67.9	1.4	NO	72.0	70.7	72.1	5.6	YES	76.2	65.9	69.2	2.7	NO	73.3
39	09	337 E 95th E	66.5	70.6	52.8	66.7	0.2	NO	70.8	52.8	66.7	0.2	NO	70.8	50.0	66.6	0.1	NO	70.7	62.3	67.9	1.4	NO	72.0	62.3	67.9	1.4	NO	72.0	70.5	72.0	5.5	YES	76.1	65.8	69.2	2.7	NO	73.3
39	10	337 E 95th E	66.4	70.5	52.7	66.6	0.2	NO	70.7	52.7	66.6	0.2	NO	70.7	49.8	66.5	0.1	NO	70.6	62.2	67.8	1.4	NO	71.9	62.2	67.8	1.4	NO	71.9	70.3	71.8	5.4	YES	75.9	65.6	69.0	2.6	NO	73.1
40	01	1843 1st Ave E	70.3	74.4	46.6	70.3	0.0	NO	74.4	46.2	70.3	0.0	NO	74.4	42.2	70.3	0.0	NO	74																				

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

50	10	201_E_97th_S	63.6	66.6	57.3	64.5	0.9	NO	67.5	56.5	64.4	0.8	NO	67.4	46.9	63.7	0.1	NO	66.7	54.4	64.1	0.5	NO	67.1	54.4	64.1	0.5	NO	67.1	49.1	63.7	0.2	NO	66.8	49.1	63.7	0.2	NO	66.8
50	11	201_E_97th_S	63.6	66.6	56.6	64.4	0.8	NO	67.4	55.6	64.2	0.6	NO	67.3	48.1	63.7	0.1	NO	66.7	54.4	64.1	0.5	NO	67.1	54.4	64.1	0.5	NO	67.1	49.3	63.8	0.2	NO	66.8	49.6	63.8	0.2	NO	66.8
50	12	201_E_97th_S	63.6	66.6	56.7	64.4	0.8	NO	67.4	55.7	64.2	0.7	NO	67.3	48.2	63.7	0.1	NO	66.7	54.4	64.1	0.5	NO	67.1	54.4	64.1	0.5	NO	67.1	49.5	63.8	0.2	NO	66.8	49.9	63.8	0.2	NO	66.8
51	01	219_E_97th_E	63.6	64.3	57.3	64.5	0.9	NO	65.2	57.8	64.6	1.0	NO	65.3	53.7	64.0	0.4	NO	64.7	52.2	63.9	0.3	NO	64.6	52.2	63.9	0.3	NO	64.6	48.9	63.7	0.1	NO	64.4	51.3	63.8	0.2	NO	64.5
51	02	219_E_97th_E	63.6	64.3	58.6	64.8	1.2	NO	65.5	59.1	64.9	1.3	NO	65.6	54.1	64.1	0.5	NO	64.8	53.4	64.0	0.4	NO	64.7	53.4	64.0	0.4	NO	64.7	48.9	63.7	0.1	NO	64.4	51.2	63.8	0.2	NO	64.5
51	03	219_E_97th_E	63.6	64.3	58.7	64.8	1.2	NO	65.5	60.6	65.4	1.8	NO	66.1	54.4	64.1	0.5	NO	64.8	54.7	64.1	0.5	NO	64.8	54.7	64.1	0.5	NO	64.8	49.1	63.7	0.2	NO	64.4	51.2	63.8	0.2	NO	64.5
51	04	219_E_97th_E	63.6	64.3	60.0	65.2	1.6	NO	65.9	61.2	65.6	2.0	NO	66.3	54.8	64.1	0.5	NO	64.8	54.0	64.0	0.5	NO	64.7	54.0	64.0	0.5	NO	64.7	49.9	63.8	0.2	NO	64.5	51.1	63.8	0.2	NO	64.5
51	05	219_E_97th_E	63.6	64.3	60.8	65.4	1.8	NO	66.1	61.9	65.8	2.2	NO	66.5	55.2	64.2	0.6	NO	64.9	55.5	64.2	0.6	NO	64.9	55.5	64.2	0.6	NO	64.9	50.2	63.8	0.2	NO	64.5	51.2	63.8	0.2	NO	64.5
51	06	219_E_97th_E	63.6	64.3	61.8	65.8	2.2	NO	66.5	62.6	66.1	2.5	NO	66.8	55.6	64.2	0.6	NO	64.9	55.5	64.2	0.6	NO	64.9	55.5	64.2	0.6	NO	64.9	50.7	63.8	0.2	NO	64.5	51.1	63.8	0.2	NO	64.5
51	07	219_E_97th_E	63.6	64.3	62.6	66.1	2.5	NO	66.8	63.2	66.4	2.8	NO	67.1	56.1	64.3	0.7	NO	65.0	55.6	64.2	0.6	NO	64.9	55.6	64.2	0.6	NO	64.9	51.7	63.9	0.3	NO	64.6	51.7	63.9	0.3	NO	64.6
51	08	219_E_97th_E	63.6	64.3	63.1	66.4	2.8	NO	67.1	63.7	66.7	3.1	YES	67.4	56.5	64.4	0.8	NO	65.1	55.8	64.3	0.7	NO	65.0	55.8	64.3	0.7	NO	65.0	52.3	63.9	0.3	NO	64.6	53.2	64.0	0.4	NO	64.7
51	09	219_E_97th_E	63.6	64.3	63.6	66.6	3.0	YES	67.3	64.0	66.8	3.2	YES	67.5	56.8	64.4	0.8	NO	65.1	56.0	64.3	0.7	NO	65.0	56.0	64.3	0.7	NO	65.0	52.6	63.9	0.3	NO	64.6	53.6	64.0	0.4	NO	64.7
51	10	219_E_97th_E	63.6	64.3	64.0	66.8	3.2	YES	67.5	64.4	67.0	3.4	YES	67.7	56.9	64.4	0.8	NO	65.1	56.4	64.4	0.8	NO	65.1	56.4	64.4	0.8	NO	65.1	52.8	63.9	0.3	NO	64.6	54.0	64.0	0.5	NO	64.7
51	11	219_E_97th_E	63.6	64.3	64.4	67.0	3.4	YES	67.7	64.6	67.1	3.5	YES	67.8	55.1	64.2	0.6	NO	64.9	56.9	64.4	0.8	NO	65.1	56.9	64.4	0.8	NO	65.1	53.0	64.0	0.4	NO	64.7	54.2	64.1	0.5	NO	64.8
51	12	219_E_97th_E	63.6	64.3	64.4	67.0	3.4	YES	67.7	64.6	67.1	3.5	YES	67.8	55.2	64.2	0.6	NO	64.9	56.9	64.4	0.8	NO	65.1	56.9	64.4	0.8	NO	65.1	53.6	64.0	0.4	NO	64.7	54.4	64.1	0.5	NO	64.8
51	13	219_E_97th_E	63.6	64.3	64.9	67.3	3.7	YES	68.0	65.0	67.4	3.8	YES	68.1	55.3	64.2	0.6	NO	64.9	57.0	64.5	0.9	NO	65.2	57.0	64.5	0.9	NO	65.2	53.6	64.0	0.4	NO	64.7	54.9	64.1	0.6	NO	64.8
52	01	1893_2nd_Ave_E	63.6	64.3	50.1	63.8	0.2	NO	64.5	49.7	63.8	0.2	NO	64.5	53.2	64.0	0.4	NO	64.7	43.8	63.6	0.0	NO	64.3	43.3	63.6	0.0	NO	64.3	43.3	63.6	0.0	NO	64.3	43.0	63.6	0.0	NO	64.3
52	02	1893_2nd_Ave_E	63.6	64.3	61.8	65.8	2.2	NO	66.5	61.1	65.5	1.9	NO	66.2	53.7	64.0	0.4	NO	64.7	56.2	64.3	0.7	NO	65.0	56.2	64.3	0.7	NO	65.0	54.1	64.1	0.5	NO	64.8	53.8	64.0	0.4	NO	64.7
52	03	1893_2nd_Ave_E	63.6	64.3	66.4	68.2	4.6	YES	68.9	65.6	67.7	4.1	YES	68.4	54.2	64.1	0.5	NO	64.8	58.2	64.7	1.1	NO	65.4	58.2	64.7	1.1	NO	65.4	54.1	64.1	0.5	NO	64.8	53.9	64.0	0.4	NO	64.7
52	04	1893_2nd_Ave_E	63.6	64.3	65.7	67.8	4.2	YES	68.5	65.7	67.8	4.2	YES	68.5	54.3	64.1	0.5	NO	64.8	58.4	64.7	1.1	NO	65.4	58.4	64.7	1.1	NO	65.4	54.2	64.1	0.5	NO	64.8	53.9	64.0	0.4	NO	64.7
52	05	1893_2nd_Ave_E	63.6	64.3	67.4	68.9	5.3	YES	69.6	66.4	68.2	4.6	YES	68.9	54.5	64.1	0.5	NO	64.8	58.9	64.9	1.3	NO	65.6	58.9	64.9	1.3	NO	65.6	54.2	64.1	0.5	NO	64.8	54.0	64.0	0.5	NO	64.7
52	06	1893_2nd_Ave_E	63.6	64.3	67.4	68.9	5.3	YES	69.6	66.4	68.2	4.6	YES	68.9	54.7	64.1	0.5	NO	64.8	59.6	65.1	1.5	NO	65.8	59.6	65.1	1.5	NO	65.8	55.9	64.3	0.7	NO	65.0	54.7	64.1	0.5	NO	64.8
52	07	1893_2nd_Ave_E	63.6	64.3	67.6	69.1	5.5	YES	69.8	66.7	68.4	4.8	YES	69.1	54.9	64.1	0.6	NO	64.8	59.7	65.1	1.5	NO	65.8	59.7	65.1	1.5	NO	65.8	56.6	64.4	0.8	NO	65.1	56.5	64.4	0.8	NO	65.1
52	08	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	55.1	64.2	0.6	NO	64.9	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	57.2	64.5	0.9	NO	65.2	57.9	64.6	1.0	NO	65.3
52	09	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	55.3	64.2	0.6	NO	64.9	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	56.9	64.4	0.8	NO	65.1	57.7	64.6	1.0	NO	65.3
52	10	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	55.6	64.2	0.6	NO	64.9	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	57.0	64.5	0.9	NO	65.2	57.9	64.6	1.0	NO	65.3
52	11	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	55.6	64.2	0.6	NO	64.9	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	57.4	64.5	0.9	NO	65.2	57.9	64.6	1.0	NO	65.3
52	12	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	55.9	64.3	0.7	NO	65.0	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	57.7	64.6	1.0	NO	65.3	58.0	64.7	1.1	NO	65.4
52	13	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	56.1	64.3	0.7	NO	65.0	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	58.0	64.7	1.1	NO	65.4	58.1	64.7	1.1	NO	65.4
52	14	1893_2nd_Ave_E	63.6	64.3	68.4	69.6	6.0	YES	70.3	67.7	69.1	5.5	YES	69.8	56.4	64.4	0.8	NO	65.1	59.9	65.1	1.5	NO	65.8	59.9	65.1	1.5	NO	65.8	58.3	64.7	1.1	NO	65.4	58.2	64.7	1.1	NO	65.4
53	01	1893_2nd_Ave_S	63.6	66.6	63.0	66.3	2.7	NO	69.3	62.4	66.0	2.5	NO	69.1	54.3	64.1	0.5	NO	67.1	54.8	64.1	0.5	NO	67.2	54.8	64.1	0.5	NO	67.2	53.5	64.0	0.4	NO	67.0	54.2	64.1	0.5	NO	67.1
54	01	1893_2nd_Ave_S	63.6	66.6	65.2	67.5	3.9	YES	70.5	64.7	67.2	3.6	YES	70.2	54.3	64.1	0.5	NO	67.1	57.0	64.5	0.9	NO	67.5	57.0	64.5	0.9	NO	67.5	54.4	64.1	0.5	NO	67.1	54.2	64.1	0.5	NO	67.1
54	02	1893_2nd_Ave_S	63.6	66.6	65.9	67.9	4.3	YES	70.9	65.9	67.9	4.3	YES	70.9	54.5	64.1	0.5	NO	67.1	56.9	64.4	0.8	NO	67.5	56.9	64.4	0.8	NO	67.5	54.4	64.1	0.5	NO	67.1	54.0	64.0	0.5	NO	67.1
54	03	1893_2nd_Ave_S	63.6	66.6	66.9	68.6	5.0	YES	71.6	66.5	68.3	4.7	YES	71.3	54.8	64.1	0.5	NO	67.2	57.5	64.5	1.0	NO	67.6	57.5	64.5	1.0	NO	67.6	54.8	64.1	0.5	NO	67.2	54.1	64.1	0.5	NO	67.1
54	04	1893_2nd_Ave_S	63.6	66.6	68.0	69.3	5.7	YES	72.4	67.1	68.7	5.1	YES	71.7	55.0	64.2	0.6	NO	67.2	58.4	64.7	1.1	NO	67.8	58.4	64.7	1.1	NO	67.8	55.5	64.2	0.6	NO	67.2	53.4	64.0	0.4	NO	67.0
54	05	1893_2nd_Ave_S	63.6	66.6	68.2	69.5	5.9	YES	72.5	67.3	68.8	5.2	YES	71.9	55.3	64.2	0.6	NO	67.2	58.2	64.7	1.1	NO	67.7	58.2	64.7	1.1	NO	67.7	57.0	64.5	0.9	NO	67.5	54.2	64.1	0.5	NO	67.1
54	06	1893_2nd_Ave_S	63.6	66.6	68.5	69.7	6.1	YES	72.7	67.7	69.1	5.5	YES	72.1	55.5	64.2	0.6																						

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

57	24	1709 3rd Ave N	63.6	66.0	63.9	66.8	3.2	YES	69.2	62.6	66.1	2.5	NO	68.5	56.6	64.4	0.8	NO	66.8	57.0	64.5	0.9	NO	66.9	57.0	64.5	0.9	NO	66.9	54.7	64.1	0.5	NO	66.5	53.9	64.0	0.4	NO	66.4
57	25	1709 3rd Ave N	63.6	66.0	63.7	66.7	3.1	YES	69.1	62.4	66.0	2.5	NO	68.4	56.6	64.4	0.8	NO	66.8	57.0	64.5	0.9	NO	66.9	57.0	64.5	0.9	NO	66.9	54.7	64.1	0.5	NO	66.5	53.9	64.0	0.4	NO	66.4
57	26	1709 3rd Ave N	63.6	66.0	63.8	66.7	3.1	YES	69.1	62.5	66.1	2.5	NO	68.5	56.6	64.4	0.8	NO	66.8	57.0	64.5	0.9	NO	66.9	57.0	64.5	0.9	NO	66.9	54.7	64.1	0.5	NO	66.5	53.9	64.0	0.4	NO	66.4
57	27	1709 3rd Ave N	63.6	66.0	63.9	66.8	3.2	YES	69.2	62.6	66.1	2.5	NO	68.5	56.7	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	54.7	64.1	0.5	NO	66.5	53.8	64.0	0.4	NO	66.4
57	28	1709 3rd Ave N	63.6	66.0	63.9	66.8	3.2	YES	69.2	62.8	66.2	2.6	NO	68.6	56.7	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	54.7	64.1	0.5	NO	66.5	53.8	64.0	0.4	NO	66.4
57	29	1709 3rd Ave N	63.6	66.0	64.1	66.9	3.3	YES	69.3	63.0	66.3	2.7	NO	68.7	56.7	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	56.9	64.4	0.8	NO	66.8	54.7	64.1	0.5	NO	66.5	53.8	64.0	0.4	NO	66.4
57	30	1709 3rd Ave N	63.6	66.0	64.1	66.9	3.3	YES	69.3	63.0	66.3	2.7	NO	68.7	56.7	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	54.6	64.1	0.5	NO	66.5	53.8	64.0	0.4	NO	66.4
57	31	1709 3rd Ave N	63.6	66.0	64.1	66.9	3.3	YES	69.3	63.0	66.3	2.7	NO	68.7	56.7	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	54.6	64.1	0.5	NO	66.5	53.7	64.0	0.4	NO	66.4
57	32	1709 3rd Ave N	63.6	66.0	63.8	66.7	3.1	YES	69.1	62.7	66.2	2.6	NO	68.6	56.8	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	56.8	64.4	0.8	NO	66.8	54.6	64.1	0.5	NO	66.5	53.7	64.0	0.4	NO	66.4
57	33	1709 3rd Ave N	63.6	66.0	63.9	66.8	3.2	YES	69.2	62.8	66.2	2.6	NO	68.6	56.8	64.4	0.8	NO	66.8	56.7	64.4	0.8	NO	66.8	56.7	64.4	0.8	NO	66.8	54.6	64.1	0.5	NO	66.5	53.7	64.0	0.4	NO	66.4
58	01	225 E 95th N	65.9	68.3	60.1	66.9	1.0	NO	69.3	61.7	67.3	1.4	NO	69.7	60.0	66.9	1.0	NO	69.3	57.2	66.4	0.5	NO	68.8	57.2	66.4	0.5	NO	68.8	58.3	66.6	0.7	NO	69.0	52.4	66.1	0.2	NO	68.5
58	02	225 E 95th N	66.9	69.3	61.4	68.0	1.1	NO	70.4	61.1	67.9	1.0	NO	70.3	59.1	67.6	0.7	NO	70.0	58.3	67.5	0.6	NO	69.9	58.3	67.5	0.6	NO	69.9	57.3	67.4	0.5	NO	69.8	52.4	67.1	0.2	NO	69.5
58	03	225 E 95th N	66.9	69.3	62.0	68.1	1.2	NO	70.5	62.0	68.1	1.2	NO	70.5	58.8	67.5	0.6	NO	69.9	59.6	67.6	0.7	NO	70.0	59.6	67.6	0.7	NO	70.0	55.8	67.2	0.3	NO	69.6	52.5	67.1	0.2	NO	69.5
58	04	225 E 95th N	66.7	69.1	63.1	68.3	1.6	NO	70.7	63.4	68.4	1.7	NO	70.8	58.8	67.4	0.7	NO	69.8	60.2	67.6	0.9	NO	70.0	60.2	67.6	0.9	NO	70.0	56.6	67.1	0.4	NO	69.5	52.6	66.9	0.2	NO	69.3
58	05	225 E 95th N	66.5	68.9	64.8	68.7	2.2	NO	71.1	64.8	68.7	2.2	NO	71.1	58.9	67.2	0.7	NO	69.6	61.2	67.6	1.1	NO	70.0	61.2	67.6	1.1	NO	70.0	55.9	66.9	0.4	NO	69.3	52.9	66.7	0.2	NO	69.1
58	06	225 E 95th N	66.2	68.6	65.4	68.8	2.6	NO	71.2	65.3	68.8	2.6	NO	71.2	58.9	66.9	0.7	NO	69.3	60.7	67.3	1.1	NO	69.7	60.7	67.3	1.1	NO	69.7	56.8	66.7	0.5	NO	69.1	53.4	66.4	0.2	NO	68.8
58	07	225 E 95th N	65.8	68.2	65.3	68.6	2.8	NO	71.0	65.2	68.5	2.7	NO	70.9	59.0	66.6	0.8	NO	69.0	61.3	67.1	1.3	NO	69.5	61.3	67.1	1.3	NO	69.5	57.2	66.4	0.6	NO	68.8	54.6	66.1	0.3	NO	68.5
58	08	225 E 95th N	65.5	67.9	65.8	68.7	3.2	YES	71.1	65.7	68.6	3.1	YES	71.0	59.0	66.4	0.9	NO	68.8	61.3	66.9	1.4	NO	69.3	61.3	66.9	1.4	NO	69.3	57.4	66.1	0.6	NO	68.5	55.4	65.9	0.4	NO	68.3
58	09	225 E 95th N	65.2	67.6	67.4	69.4	4.2	YES	71.8	65.9	68.6	3.4	YES	71.0	59.1	66.2	1.0	NO	68.6	61.3	66.7	1.5	NO	69.1	61.3	66.7	1.5	NO	69.1	57.6	65.9	0.7	NO	68.3	55.6	65.7	0.5	NO	68.1
58	10	225 E 95th N	64.9	67.3	66.5	68.8	3.9	YES	71.2	66.5	68.8	3.9	YES	71.2	59.1	65.9	1.0	NO	68.3	61.3	66.5	1.6	NO	68.9	61.3	66.5	1.6	NO	68.9	57.7	65.7	0.8	NO	68.1	56.0	65.4	0.5	NO	67.8
58	11	225 E 95th N	64.6	67.0	66.5	68.7	4.1	YES	71.1	66.3	68.5	3.9	YES	70.9	59.1	65.7	1.1	NO	68.1	61.3	66.3	1.7	NO	68.7	61.3	66.3	1.7	NO	68.7	57.7	65.4	0.8	NO	67.8	56.1	65.2	0.6	NO	67.6
58	12	225 E 95th N	64.4	66.8	66.2	68.4	4.0	YES	70.8	66.0	68.3	3.9	YES	70.7	59.1	65.5	1.1	NO	67.9	61.2	66.1	1.7	NO	68.5	61.2	66.1	1.7	NO	68.5	57.7	65.2	0.8	NO	67.6	56.1	65.0	0.6	NO	67.4
58	13	225 E 95th N	64.2	66.6	66.2	68.3	4.1	YES	70.7	66.1	68.3	4.1	YES	70.7	59.1	65.4	1.2	NO	67.8	61.2	66.0	1.8	NO	68.4	61.2	66.0	1.8	NO	68.4	57.8	65.1	0.9	NO	67.5	56.3	64.9	0.7	NO	67.3
58	14	225 E 95th N	63.9	66.3	66.4	68.3	4.4	YES	70.7	66.1	68.1	4.2	YES	70.5	59.2	65.2	1.3	NO	67.6	61.2	65.8	1.9	NO	68.2	61.2	65.8	1.9	NO	68.2	57.9	64.9	1.0	NO	67.3	56.4	64.6	0.7	NO	67.0
58	15	225 E 95th N	63.7	66.1	67.1	68.7	5.0	YES	71.1	66.2	68.1	4.4	YES	70.5	59.2	65.0	1.3	NO	67.4	61.2	65.6	1.9	NO	68.0	61.2	65.6	1.9	NO	68.0	58.0	64.7	1.0	NO	67.1	56.6	64.5	0.8	NO	66.9
58	16	225 E 95th N	63.6	66.0	67.5	69.0	5.4	YES	71.4	66.2	68.1	4.5	YES	70.5	59.2	64.9	1.3	NO	67.3	61.3	65.6	2.0	NO	68.0	61.3	65.6	2.0	NO	68.0	58.2	64.7	1.1	NO	67.1	56.8	64.4	0.8	NO	66.8
58	17	225 E 95th N	63.6	66.0	67.5	69.0	5.4	YES	71.4	66.1	68.0	4.4	YES	70.4	59.2	64.9	1.3	NO	67.3	61.4	65.6	2.1	NO	68.0	61.4	65.6	2.1	NO	68.0	58.2	64.7	1.1	NO	67.1	56.9	64.4	0.8	NO	66.8
58	18	225 E 95th N	63.6	66.0	67.7	69.1	5.5	YES	71.5	66.5	68.3	4.7	YES	70.7	59.2	64.9	1.3	NO	67.3	61.7	65.8	2.2	NO	68.2	61.7	65.8	2.2	NO	68.2	58.5	64.8	1.2	NO	67.2	56.9	64.4	0.8	NO	66.8
58	19	225 E 95th N	63.6	66.0	67.9	69.3	5.7	YES	71.7	66.8	68.5	4.9	YES	70.9	59.2	64.9	1.3	NO	67.3	61.7	65.8	2.2	NO	68.2	61.7	65.8	2.2	NO	68.2	58.2	64.7	1.1	NO	67.1	56.9	64.4	0.8	NO	66.8
58	20	225 E 95th N	63.6	66.0	67.9	69.3	5.7	YES	71.7	66.8	68.5	4.9	YES	70.9	59.2	64.9	1.3	NO	67.3	61.7	65.8	2.2	NO	68.2	61.7	65.8	2.2	NO	68.2	58.1	64.7	1.1	NO	67.1	56.9	64.4	0.8	NO	66.8
58	21	225 E 95th N	63.6	66.0	68.0	69.3	5.7	YES	71.7	66.9	68.6	5.0	YES	71.0	59.3	65.0	1.4	NO	67.4	61.6	65.7	2.1	NO	68.1	61.6	65.7	2.1	NO	68.1	58.1	64.7	1.1	NO	67.1	56.8	64.4	0.8	NO	66.8
58	22	225 E 95th N	63.6	66.0	67.8	69.2	5.6	YES	71.6	66.7	68.4	4.8	YES	70.8	59.3	65.0	1.4	NO	67.4	61.6	65.7	2.1	NO	68.1	61.6	65.7	2.1	NO	68.1	58.1	64.7	1.1	NO	67.1	56.8	64.4	0.8	NO	66.8
58	23	225 E 95th N	63.6	66.0	67.8	69.2	5.6	YES	71.6	66.8	68.5	4.9	YES	70.9	59.4	65.0	1.4	NO	67.4	61.5	65.7	2.1	NO	68.1	61.5	65.7	2.1	NO	68.1	58.1	64.7	1.1	NO	67.1	56.8	64.4	0.8	NO	66.8
58	24	225 E 95th N	63.6	66.0	67.8	69.2	5.6	YES	71.6	66.8	68.5	4.9	YES	70.9	59.3	65.0	1.4	NO	67.4	61.5	65.7	2.1	NO	68.1	61.5	65.7	2.1	NO	68.1	58.0	64.7	1.1	NO	67.1	56.8	64.4	0.8	NO	66.8
58	25	225 E 95th N	63.6	66.0	67.8	69.2	5.6	YES	71.6	66.8	68.5	4.9	YES	70.9	59.4	65.0	1.4	NO	67.4	61.4	65.6	2.1	NO	68.0	61.4	65.6	2.1	NO	68.0	58.0	64.7	1.1	NO	67.1	56.7	64.4	0.8	NO	66.8
58	26	225 E 95th N	63.6	66.0	67.5	69.0	5.4	YES	71.4	66.5	68.3	4.7	YES	70.7	59.4	65.0	1.4	NO	67.4	61.4	65.6	2.1	NO	68.0	61.4	65.6	2.1	NO	68.0	58.0	64.7	1.1	NO	67.1	56.7	64.4	0.8	NO	66.8
58	27	225 E 95th N	63.6	66.0	67.6	69.1	5.5	YES	71.5	66.6	68.4	4.8	YES	70.8	59.4	65.0	1.4	NO	67.4	61.																			

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60	08	235 E 95th E A	66.1	66.8	69.5	71.1	5.0	YES	71.8	69.9	71.4	5.3	YES	72.1	61.4	67.4	1.3	NO	68.1	64.2	68.3	2.2	NO	69.0	64.2	68.3	2.2	NO	69.0	58.7	66.8	0.7	NO	67.5	56.7	66.6	0.5	NO	67.3
60	09	235 E 95th E A	65.9	66.6	69.9	71.4	5.5	YES	72.1	70.2	71.6	5.7	YES	72.3	61.4	67.2	1.3	NO	67.9	64.6	68.3	2.4	NO	69.0	64.6	68.3	2.4	NO	69.0	60.6	67.0	1.1	NO	67.7	59.5	66.8	0.9	NO	67.5
60	10	235 E 95th E A	65.6	66.3	70.0	71.3	5.7	YES	72.0	70.1	71.4	5.8	YES	72.1	61.4	67.0	1.4	NO	67.7	64.6	68.1	2.5	NO	68.8	64.6	68.1	2.5	NO	68.8	60.2	66.7	1.1	NO	67.4	59.1	66.5	0.9	NO	67.2
60	11	235 E 95th E A	65.4	66.1	69.9	71.2	5.8	YES	71.9	69.9	71.2	5.8	YES	71.9	61.3	66.8	1.4	NO	67.5	64.6	68.0	2.6	NO	68.7	64.6	68.0	2.6	NO	68.7	60.6	66.6	1.2	NO	67.3	59.2	66.3	0.9	NO	67.0
60	12	235 E 95th E A	65.1	65.8	70.0	71.2	6.1	YES	71.9	70.0	71.2	6.1	YES	71.9	61.3	66.6	1.5	NO	67.3	64.6	67.9	2.8	NO	68.6	64.6	67.9	2.8	NO	68.6	60.7	66.4	1.3	NO	67.1	59.4	66.1	1.0	NO	66.8
60	13	235 E 95th E A	64.9	65.6	71.2	72.1	7.2	YES	72.8	70.3	71.4	6.5	YES	72.1	61.3	66.5	1.6	NO	67.2	64.5	67.7	2.8	NO	68.4	64.5	67.7	2.8	NO	68.4	60.9	66.4	1.5	NO	67.1	59.6	66.0	1.1	NO	66.7
60	14	235 E 95th E A	64.7	65.4	70.4	71.4	6.7	YES	72.1	70.5	71.5	6.8	YES	72.2	61.3	66.3	1.6	NO	67.0	64.5	67.6	2.9	NO	68.3	64.5	67.6	2.9	NO	68.3	61.0	66.2	1.5	NO	66.9	59.6	65.9	1.2	NO	66.6
60	15	235 E 95th E A	64.6	65.3	70.5	71.5	6.9	YES	72.2	70.2	71.3	6.7	YES	72.0	61.3	66.3	1.7	NO	67.0	64.4	67.5	2.9	NO	68.2	64.4	67.5	2.9	NO	68.2	60.8	66.1	1.5	NO	66.8	59.6	65.8	1.2	NO	66.5
60	16	235 E 95th E A	64.4	65.1	70.2	71.2	6.8	YES	71.9	70.2	71.2	6.8	YES	71.9	61.3	66.1	1.7	NO	66.8	64.3	67.4	3.0	NO	68.1	64.3	67.4	3.0	NO	68.1	60.7	65.9	1.5	NO	66.6	59.6	65.6	1.2	NO	66.3
60	17	235 E 95th E A	64.3	65.0	69.8	70.9	6.6	YES	71.6	69.8	70.9	6.6	YES	71.6	61.3	66.1	1.8	NO	66.8	64.3	67.3	3.0	YES	68.0	64.3	67.3	3.0	YES	68.0	60.7	65.9	1.6	NO	66.6	59.6	65.6	1.3	NO	66.3
60	18	235 E 95th E A	64.1	64.8	69.8	70.8	6.7	YES	71.5	69.7	70.8	6.7	YES	71.5	61.3	65.9	1.8	NO	66.6	64.2	67.2	3.1	YES	67.9	64.2	67.2	3.1	YES	67.9	60.7	65.7	1.6	NO	66.4	59.5	65.4	1.3	NO	66.1
60	19	235 E 95th E A	64.0	64.7	69.8	70.8	6.8	YES	71.5	69.7	70.7	6.7	YES	71.4	61.3	65.9	1.9	NO	66.6	64.2	67.1	3.1	YES	67.8	64.2	67.1	3.1	YES	67.8	60.6	65.6	1.6	NO	66.3	59.5	65.3	1.3	NO	66.0
60	20	235 E 95th E A	63.8	64.5	70.0	70.9	7.1	YES	71.6	69.6	70.6	6.8	YES	71.3	61.3	65.7	1.9	NO	66.4	64.1	67.0	3.2	YES	67.7	64.1	67.0	3.2	YES	67.7	60.6	65.5	1.7	NO	66.2	59.5	65.2	1.4	NO	65.9
60	21	235 E 95th E A	63.6	64.3	70.7	71.5	7.9	YES	72.2	69.5	70.5	6.9	YES	71.2	61.3	65.6	2.0	NO	66.3	64.1	66.9	3.3	YES	67.6	64.1	66.9	3.3	YES	67.6	60.6	65.4	1.8	NO	66.1	59.5	65.0	1.4	NO	65.7
60	22	235 E 95th E A	63.6	64.3	70.6	71.4	7.8	YES	72.1	69.4	70.4	6.8	YES	71.1	61.3	65.6	2.0	NO	66.3	64.2	66.9	3.3	YES	67.6	64.2	66.9	3.3	YES	67.6	60.5	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	23	235 E 95th E A	63.6	64.3	70.4	71.2	7.6	YES	71.9	69.3	70.3	6.7	YES	71.0	61.3	65.6	2.0	NO	66.3	64.5	67.1	3.5	YES	67.8	64.5	67.1	3.5	YES	67.8	60.5	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	24	235 E 95th E A	63.6	64.3	70.4	71.2	7.6	YES	71.9	69.3	70.3	6.7	YES	71.0	61.3	65.6	2.0	NO	66.3	64.4	67.0	3.4	YES	67.7	64.4	67.0	3.4	YES	67.7	60.5	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	25	235 E 95th E A	63.6	64.3	70.3	71.1	7.5	YES	71.8	69.2	70.3	6.7	YES	71.0	61.3	65.6	2.0	NO	66.3	64.3	67.0	3.4	YES	67.7	64.3	67.0	3.4	YES	67.7	60.6	65.4	1.8	NO	66.1	59.5	65.0	1.4	NO	65.7
60	26	235 E 95th E A	63.6	64.3	70.3	71.1	7.5	YES	71.8	69.2	70.3	6.7	YES	71.0	61.3	65.6	2.0	NO	66.3	64.2	66.9	3.3	YES	67.6	64.2	66.9	3.3	YES	67.6	60.6	65.4	1.8	NO	66.1	59.6	65.1	1.5	NO	65.8
60	27	235 E 95th E A	63.6	64.3	70.3	71.1	7.5	YES	71.8	69.3	70.3	6.7	YES	71.0	61.3	65.6	2.0	NO	66.3	64.1	66.9	3.3	YES	67.6	64.1	66.9	3.3	YES	67.6	60.6	65.4	1.8	NO	66.1	59.6	65.1	1.5	NO	65.8
60	28	235 E 95th E A	63.6	64.3	70.2	71.1	7.5	YES	71.8	69.1	70.2	6.6	YES	70.9	61.3	65.6	2.0	NO	66.3	64.0	66.8	3.2	YES	67.5	64.0	66.8	3.2	YES	67.5	60.5	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	29	235 E 95th E A	63.6	64.3	70.0	70.9	7.3	YES	71.6	69.0	70.1	6.5	YES	70.8	61.3	65.6	2.0	NO	66.3	63.9	66.8	3.2	YES	67.5	63.9	66.8	3.2	YES	67.5	60.5	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	30	235 E 95th E A	63.6	64.3	69.9	70.8	7.2	YES	71.5	68.9	70.0	6.4	YES	70.7	61.3	65.6	2.0	NO	66.3	63.8	66.7	3.1	YES	67.4	63.8	66.7	3.1	YES	67.4	60.4	65.3	1.7	NO	66.0	59.5	65.0	1.4	NO	65.7
60	31	235 E 95th E A	63.6	64.3	69.8	70.7	7.1	YES	71.4	68.8	69.9	6.3	YES	70.6	61.3	65.6	2.0	NO	66.3	63.7	66.7	3.1	YES	67.4	63.7	66.7	3.1	YES	67.4	60.4	65.3	1.7	NO	66.0	59.4	65.0	1.4	NO	65.7
60	32	235 E 95th E A	63.6	64.3	69.7	70.7	7.1	YES	71.4	68.7	69.9	6.3	YES	70.6	61.4	65.6	2.1	NO	66.3	63.6	66.6	3.0	YES	67.3	63.6	66.6	3.0	YES	67.3	60.3	65.3	1.7	NO	66.0	59.4	65.0	1.4	NO	65.7
60	33	235 E 95th E A	63.6	64.3	69.6	70.6	7.0	YES	71.3	68.6	69.8	6.2	YES	70.5	61.4	65.6	2.1	NO	66.3	63.5	66.6	3.0	NO	67.3	63.5	66.6	3.0	NO	67.3	60.3	65.3	1.7	NO	66.0	59.3	65.0	1.4	NO	65.7
60	34	235 E 95th E A	63.6	64.3	69.5	70.5	6.9	YES	71.2	68.5	69.7	6.1	YES	70.4	61.4	65.6	2.1	NO	66.3	63.4	66.5	2.9	NO	67.2	63.4	66.5	2.9	NO	67.2	60.2	65.2	1.6	NO	65.9	59.3	65.0	1.4	NO	65.7
60	35	235 E 95th E A	63.6	64.3	69.3	70.3	6.7	YES	71.0	68.4	69.6	6.0	YES	70.3	61.4	65.6	2.1	NO	66.3	63.3	66.5	2.9	NO	67.2	63.3	66.5	2.9	NO	67.2	60.2	65.2	1.6	NO	65.9	59.3	65.0	1.4	NO	65.7
60	36	235 E 95th E A	63.6	64.3	69.2	70.3	6.7	YES	71.0	68.3	69.6	6.0	YES	70.3	61.5	65.7	2.1	NO	66.4	63.2	66.4	2.8	NO	67.1	63.2	66.4	2.8	NO	67.1	60.1	65.2	1.6	NO	65.9	59.1	64.9	1.3	NO	65.6
60	37	235 E 95th E A	63.6	64.3	69.1	70.2	6.6	YES	70.9	68.1	69.4	5.8	YES	70.1	61.5	65.7	2.1	NO	66.4	63.1	66.4	2.8	NO	67.1	63.1	66.4	2.8	NO	67.1	60.1	65.2	1.6	NO	65.9	59.1	64.9	1.3	NO	65.6
60	38	235 E 95th E A	63.6	64.3	69.0	70.1	6.5	YES	70.8	68.0	69.3	5.7	YES	70.0	61.6	65.7	2.1	NO	66.4	63.0	66.3	2.7	NO	67.0	63.0	66.3	2.7	NO	67.0	60.0	65.2	1.6	NO	65.9	59.0	64.9	1.3	NO	65.6
61	01	235 E 95th E B	64.4	65.1	59.9	65.7	1.3	NO	66.4	59.8	65.7	1.3	NO	66.4	61.6	66.2	1.8	NO	66.9	50.4	64.6	0.2	NO	65.3	50.4	64.6	0.2	NO	65.3	49.4	64.5	0.1	NO	65.2	40.4	64.4	0.0	NO	65.1
61	02	235 E 95th E B	66.1	66.8	62.1	67.6	1.5	NO	68.3	62.0	67.5	1.4	NO	68.2	60.5	67.2	1.1	NO	67.9	51.6	66.3	0.2	NO	67.0	51.6	66.3	0.2	NO	67.0	50.1	66.2	0.1	NO	66.9	40.3	66.1	0.0	NO	66.8
61	03	235 E 95th E B	66.7	67.4	64.2	68.6	1.9	NO	69.3	64.0	68.6	1.9	NO	69.3	60.7	67.7	1.0	NO	68.4	52.5	66.9	0.2	NO	67.6	52.5	66.9	0.2	NO	67.6	51.1	66.8	0.1	NO	67.5	40.5	66.7	0.0	NO	67.4
61	04	235 E 95th E B	66.8	67.5	65.6	69.3	2.5	NO	70.0	65.5	69.2	2.4	NO	69.9	60.8	67.8	1.0	NO	68.5	53.8	67.0	0.2	NO	67.7	53.8	67.0	0.2	NO	67.7	52.1	66.9	0.1	NO	67.6	41.1	66.8	0.0	NO	67.5
61	05	235 E 95th E B	66.7	67.4	66.1	69.4	2.7	NO	70.1	66.1	69.4	2.7	NO	70.1	60.9	67.7	1.0	NO	68.4	54.4	66.9	0.2	NO	67.6	54.4	66.9	0.2	NO	67.6	52.6	66.9	0.2	NO	67.6	42.2	66.7	0.0	NO	67.4
61	06	235 E 95th E B	66.5	67.2	67.4	70.0	3.5	YES	70.7	67.4	70.0	3.5	YES	70.7	60.9																								

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65	07	1918 1st Ave W B	63.7	67.8	58.5	64.8	1.1	NO	68.9	59.2	65.0	1.3	NO	69.1	54.7	64.2	0.5	NO	68.3	65.7	67.8	4.1	YES	71.9	65.7	67.8	4.1	YES	71.9	67.9	69.3	5.6	YES	73.4	63.6	66.7	3.0	NO	70.8
65	08	1918 1st Ave W B	63.6	67.7	59.4	65.0	1.4	NO	69.1	59.9	65.1	1.5	NO	69.2	54.7	64.1	0.5	NO	68.2	66.1	68.0	4.4	YES	72.1	66.1	68.0	4.4	YES	72.1	68.1	69.4	5.8	YES	73.5	65.1	67.4	3.8	YES	71.5
65	09	1918 1st Ave W B	63.6	67.7	60.3	65.3	1.7	NO	69.4	60.5	65.3	1.7	NO	69.4	54.7	64.1	0.5	NO	68.2	66.5	68.3	4.7	YES	72.4	66.5	68.3	4.7	YES	72.4	67.8	69.2	5.6	YES	73.3	64.6	67.1	3.5	YES	71.2
65	10	1918 1st Ave W B	63.6	67.7	60.7	65.4	1.8	NO	69.5	60.7	65.4	1.8	NO	69.5	54.8	64.1	0.5	NO	68.2	66.5	68.3	4.7	YES	72.4	66.5	68.3	4.7	YES	72.4	67.9	69.3	5.7	YES	73.4	64.7	67.2	3.6	YES	71.3
65	11	1918 1st Ave W B	63.6	67.7	61.3	65.6	2.0	NO	69.7	61.3	65.6	2.0	NO	69.7	54.8	64.1	0.5	NO	68.2	66.3	68.2	4.6	YES	72.3	66.3	68.2	4.6	YES	72.3	67.8	69.2	5.6	YES	73.3	64.2	66.9	3.3	YES	71.0
65	12	1918 1st Ave W B	63.6	67.7	61.6	65.7	2.1	NO	69.8	62.0	65.9	2.3	NO	70.0	54.9	64.1	0.6	NO	68.2	66.3	68.2	4.6	YES	72.3	66.3	68.2	4.6	YES	72.3	67.8	69.2	5.6	YES	73.3	64.1	66.9	3.3	YES	71.0
65	13	1918 1st Ave W B	63.6	67.7	62.1	65.9	2.3	NO	70.0	62.4	66.0	2.5	NO	70.1	54.9	64.1	0.6	NO	68.2	66.2	68.1	4.5	YES	72.2	66.2	68.1	4.5	YES	72.2	67.8	69.2	5.6	YES	73.3	64.1	66.9	3.3	YES	71.0
65	14	1918 1st Ave W B	63.6	67.7	62.5	66.1	2.5	NO	70.2	62.4	66.0	2.5	NO	70.1	54.9	64.1	0.6	NO	68.2	66.2	68.1	4.5	YES	72.2	66.2	68.1	4.5	YES	72.2	67.7	69.1	5.5	YES	73.2	64.1	66.9	3.3	YES	71.0
65	15	1918 1st Ave W B	63.6	67.7	62.7	66.2	2.6	NO	70.3	62.5	66.1	2.5	NO	70.2	55.0	64.2	0.6	NO	68.3	66.2	68.1	4.5	YES	72.2	66.2	68.1	4.5	YES	72.2	67.7	69.1	5.5	YES	73.2	64.1	66.9	3.3	YES	71.0
65	16	1918 1st Ave W B	63.6	67.7	63.1	66.4	2.8	NO	70.5	62.9	66.3	2.7	NO	70.4	55.0	64.2	0.6	NO	68.3	66.2	68.1	4.5	YES	72.2	66.2	68.1	4.5	YES	72.2	67.6	69.1	5.5	YES	73.2	64.1	66.9	3.3	YES	71.0
65	17	1918 1st Ave W B	63.6	67.7	64.1	66.9	3.3	YES	71.0	63.3	66.5	2.9	NO	70.6	55.0	64.2	0.6	NO	68.3	66.1	68.0	4.4	YES	72.1	66.1	68.0	4.4	YES	72.1	67.7	69.1	5.5	YES	73.2	64.2	66.9	3.3	YES	71.0
66	01	1918 1st Ave S	63.6	66.6	51.3	63.8	0.2	NO	66.9	52.8	63.9	0.3	NO	67.0	57.8	64.6	1.0	NO	67.6	61.9	65.8	2.2	NO	68.9	61.9	65.8	2.2	NO	68.9	63.2	66.4	2.8	NO	69.4	58.0	64.7	1.1	NO	67.7
66	02	1918 1st Ave S	63.6	66.6	52.2	63.9	0.3	NO	66.9	53.6	64.0	0.4	NO	67.0	57.0	64.5	0.9	NO	67.5	62.2	66.0	2.4	NO	69.0	62.2	66.0	2.4	NO	69.0	63.5	66.6	3.0	NO	69.6	58.7	64.8	1.2	NO	67.8
66	03	1918 1st Ave S	63.8	66.8	52.9	64.1	0.3	NO	67.1	54.4	64.3	0.5	NO	67.3	56.4	64.5	0.7	NO	67.5	64.4	67.1	3.3	YES	70.1	64.4	67.1	3.3	YES	70.1	66.1	68.1	4.3	YES	71.1	59.6	65.2	1.4	NO	68.2
66	04	1918 1st Ave S	64.8	67.8	53.6	65.1	0.3	NO	68.1	55.6	65.3	0.5	NO	68.3	56.2	65.3	0.6	NO	68.4	65.2	68.0	3.2	YES	71.0	65.2	68.0	3.2	YES	71.0	67.2	69.2	4.4	YES	72.2	60.1	66.1	1.3	NO	69.1
66	05	1918 1st Ave S	66.0	69.0	54.1	66.3	0.3	NO	69.3	56.1	66.4	0.4	NO	69.4	56.3	66.4	0.4	NO	69.4	65.6	68.8	2.8	NO	71.8	65.6	68.8	2.8	NO	71.8	67.6	69.9	3.9	YES	72.9	60.6	67.1	1.1	NO	70.1
66	06	1918 1st Ave S	66.2	69.2	55.7	66.6	0.4	NO	69.6	57.4	66.7	0.5	NO	69.7	56.5	66.6	0.4	NO	69.6	66.2	69.2	3.0	YES	72.2	66.2	69.2	3.0	YES	72.2	67.9	70.1	4.0	YES	73.2	60.8	67.3	1.1	NO	70.3
66	07	1918 1st Ave S	66.2	69.2	56.9	66.7	0.5	NO	69.7	58.6	66.9	0.7	NO	69.9	56.6	66.6	0.5	NO	69.7	66.8	69.5	3.3	YES	72.5	66.8	69.5	3.3	YES	72.5	68.0	70.2	4.0	YES	73.2	61.5	67.5	1.3	NO	70.5
66	08	1918 1st Ave S	66.2	69.2	57.9	66.8	0.6	NO	69.8	59.3	67.0	0.8	NO	70.0	56.7	66.6	0.5	NO	69.7	67.0	69.6	3.4	YES	72.6	67.0	69.6	3.4	YES	72.6	68.2	70.3	4.1	YES	73.3	62.7	67.8	1.6	NO	70.8
66	09	1918 1st Ave S	66.1	69.1	58.4	66.8	0.7	NO	69.8	59.7	67.0	0.9	NO	70.0	56.7	66.6	0.5	NO	69.6	66.8	69.5	3.4	YES	72.5	66.8	69.5	3.4	YES	72.5	68.2	70.3	4.2	YES	73.3	64.7	68.5	2.4	NO	71.5
66	10	1918 1st Ave S	66.0	69.0	59.3	66.8	0.8	NO	69.8	60.6	67.1	1.1	NO	70.1	56.8	66.5	0.5	NO	69.5	66.8	69.4	3.4	YES	72.4	66.8	69.4	3.4	YES	72.4	68.4	70.4	4.4	YES	73.4	65.4	68.7	2.7	NO	71.7
66	11	1918 1st Ave S	65.5	68.5	59.5	66.5	1.0	NO	69.5	61.3	66.9	1.4	NO	69.9	56.9	66.0	0.6	NO	69.1	66.8	69.2	3.7	YES	72.2	66.8	69.2	3.7	YES	72.2	68.1	70.0	4.5	YES	73.0	64.9	68.2	2.7	NO	71.2
66	12	1918 1st Ave S	65.4	68.4	59.3	66.3	1.0	NO	69.4	61.3	66.8	1.4	NO	69.8	57.0	66.0	0.6	NO	69.0	66.8	69.2	3.8	YES	72.2	66.8	69.2	3.8	YES	72.2	68.0	69.9	4.5	YES	72.9	64.9	68.2	2.8	NO	71.2
66	13	1918 1st Ave S	65.3	68.3	59.6	66.3	1.0	NO	69.3	61.6	66.8	1.5	NO	69.8	57.1	65.9	0.6	NO	68.9	66.7	69.1	3.8	YES	72.1	66.7	69.1	3.8	YES	72.1	68.0	69.9	4.6	YES	72.9	65.0	68.2	2.9	NO	71.2
66	14	1918 1st Ave S	65.2	68.2	60.3	66.4	1.2	NO	69.4	62.1	66.9	1.7	NO	69.9	57.2	65.8	0.6	NO	68.8	66.7	69.0	3.8	YES	72.0	66.7	69.0	3.8	YES	72.0	68.0	69.8	4.6	YES	72.8	64.3	67.8	2.6	NO	70.8
66	15	1918 1st Ave S	65.1	68.1	60.6	66.4	1.3	NO	69.4	62.2	66.9	1.8	NO	69.9	57.3	65.7	0.7	NO	68.8	66.7	69.0	3.9	YES	72.0	66.7	69.0	3.9	YES	72.0	68.0	69.8	4.7	YES	72.8	64.3	67.7	2.6	NO	70.7
66	16	1918 1st Ave S	64.9	67.9	62.4	66.8	1.9	NO	69.8	62.4	66.8	1.9	NO	69.8	57.4	65.6	0.7	NO	68.6	66.7	68.9	4.0	YES	71.9	66.7	68.9	4.0	YES	71.9	68.0	69.7	4.8	YES	72.7	64.2	67.6	2.7	NO	70.6
66	17	1918 1st Ave S	64.8	67.8	62.8	66.9	2.1	NO	69.9	62.8	66.9	2.1	NO	69.9	57.6	65.5	0.8	NO	68.6	66.7	68.9	4.1	YES	71.9	66.7	68.9	4.1	YES	71.9	68.0	69.7	4.9	YES	72.7	64.2	67.5	2.7	NO	70.5
67	01	238 E 95th E	70.4	71.1	50.2	70.4	0.0	NO	71.1	51.1	70.5	0.1	NO	71.2	60.1	70.8	0.4	NO	71.5	45.2	70.4	0.0	NO	71.1	45.2	70.4	0.0	NO	71.1	45.1	70.4	0.0	NO	71.1	39.0	70.4	0.0	NO	71.1
67	02	238 E 95th E	70.5	71.2	51.0	70.5	0.0	NO	71.2	52.0	70.6	0.1	NO	71.3	59.2	70.8	0.3	NO	71.5	45.7	70.5	0.0	NO	71.2	45.7	70.5	0.0	NO	71.2	45.4	70.5	0.0	NO	71.2	38.9	70.5	0.0	NO	71.2
67	03	238 E 95th E	69.9	70.6	51.1	70.0	0.1	NO	70.7	52.1	70.0	0.1	NO	70.7	58.8	70.2	0.3	NO	70.9	46.1	69.9	0.0	NO	70.6	46.1	69.9	0.0	NO	70.6	45.7	69.9	0.0	NO	70.6	38.9	69.9	0.0	NO	70.6
67	04	238 E 95th E	69.2	69.9	51.9	69.3	0.1	NO	70.0	53.4	69.3	0.1	NO	70.0	59.0	69.6	0.4	NO	70.3	46.4	69.2	0.0	NO	69.9	46.4	69.2	0.0	NO	69.9	46.1	69.2	0.0	NO	69.9	38.9	69.2	0.0	NO	69.9
67	05	238 E 95th E	68.6	69.3	54.0	68.7	0.1	NO	69.4	54.6	68.8	0.2	NO	69.5	58.9	69.0	0.4	NO	69.7	46.8	68.6	0.0	NO	69.3	46.8	68.6	0.0	NO	69.3	46.5	68.6	0.0	NO	69.3	38.8	68.6	0.0	NO	69.3
67	06	238 E 95th E	68.1	68.8	54.4	68.3	0.2	NO	69.0	55.1	68.3	0.2	NO	69.0	59.0	68.6	0.5	NO	69.3	47.1	68.1	0.0	NO	68.8	47.1	68.1	0.0	NO	68.8	46.8	68.1	0.0	NO	68.8	38.8	68.1	0.0	NO	68.8
67	07	238 E 95th E	67.6	68.3	55.7	67.9	0.3	NO	68.6	56.2	67.9	0.3	NO	68.6	59.1	68.2	0.6	NO	68.9	47.5	67.6	0.0	NO	68.3	47.5	67.6	0.0	NO	68.3	47.2	67.6	0.0	NO	68.3	38.8	67.6	0.0	NO	68.3
67	08	238 E 95th E	67.1	67.8	57.0	67.5	0.4	NO	68.2	57.4	67.5	0.4	NO	68.2	59.1	67.7	0.6	NO	68.4	47.8	67.2	0.1	NO	67.9	47.8	67.2	0.1	NO	67.9	47.6	67.1	0.0	NO	67.8	38.8	67.1	0.0	NO	67.8
67	09	238 E 95th E	66.7	67.4	57.1	67.2	0.5	NO	67.9	57.6	67.2	0.5	NO	67.9	59.1	67.4	0.7	NO	6																				

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93	01	New_Residential	63.6	66.6	63.5	66.6	NA	NA	69.6	58.1	64.7	NA	NA	67.7
93	02	New_Residential	63.6	66.6	63.3	66.5	NA	NA	69.5	57.7	64.6	NA	NA	67.6
93	03	New_Residential	63.6	66.6	63.7	66.7	NA	NA	69.7	57.7	64.6	NA	NA	67.6
93	04	New_Residential	63.6	66.6	63.8	66.7	NA	NA	69.7	58.0	64.7	NA	NA	67.7
93	05	New_Residential	63.6	66.6	64.0	66.8	NA	NA	69.8	59.7	65.1	NA	NA	68.1
93	06	New_Residential	63.6	66.6	63.5	66.6	NA	NA	69.6	59.9	65.1	NA	NA	68.2
93	07	New_Residential	63.6	66.6	63.4	66.5	NA	NA	69.5	59.9	65.1	NA	NA	68.2
93	08	New_Residential	63.6	66.6	62.7	66.2	NA	NA	69.2	60.0	65.2	NA	NA	68.2
93	09	New_Residential	63.6	66.0	62.6	66.1	NA	NA	68.5	60.0	65.2	NA	NA	67.6
93	10	New_Residential	63.6	66.0	62.6	66.1	NA	NA	68.5	60.1	65.2	NA	NA	67.6
93	11	New_Residential	63.6	66.0	62.5	66.1	NA	NA	68.5	60.3	65.3	NA	NA	67.7
93	12	New_Residential	63.6	66.0	62.4	66.0	NA	NA	68.4	60.3	65.3	NA	NA	67.7
93	13	New_Residential	63.6	66.0	62.3	66.0	NA	NA	68.4	60.4	65.3	NA	NA	67.7
93	14	New_Residential	63.6	66.0	62.2	66.0	NA	NA	68.4	61.6	65.7	NA	NA	68.1
93	15	New_Residential	63.6	66.0	62.3	66.0	NA	NA	68.4	58.9	64.9	NA	NA	67.3
93	16	New_Residential	63.6	66.0	61.4	65.6	NA	NA	68.0	58.9	64.9	NA	NA	67.3
93	17	New_Residential	63.6	66.0	61.3	65.6	NA	NA	68.0	58.8	64.8	NA	NA	67.2
93	18	New_Residential	63.6	66.0	61.1	65.5	NA	NA	67.9	58.7	64.8	NA	NA	67.2
93	19	New_Residential	63.6	66.0	61.0	65.5	NA	NA	67.9	58.6	64.8	NA	NA	67.2
93	20	New_Residential	63.6	66.0	60.8	65.4	NA	NA	67.8	58.5	64.8	NA	NA	67.2
93	21	New_Residential	63.6	66.6	60.7	65.4	NA	NA	68.4	58.4	64.7	NA	NA	67.8
93	22	New_Residential	63.6	66.6	60.5	65.3	NA	NA	68.3	58.3	64.7	NA	NA	67.7
93	23	New_Residential	63.6	66.6	60.4	65.3	NA	NA	68.3	58.2	64.7	NA	NA	67.7
93	24	New_Residential	63.6	66.6	60.3	65.3	NA	NA	68.3	58.1	64.7	NA	NA	67.7
93	25	New_Residential	63.6	66.6	60.1	65.2	NA	NA	68.2	58.0	64.7	NA	NA	67.7
93	26	New_Residential	63.6	66.6	60.0	65.2	NA	NA	68.2	58.0	64.7	NA	NA	67.7
93	27	New_Residential	63.6	66.0	59.9	65.1	NA	NA	67.5	57.9	64.6	NA	NA	67.0
93	28	New_Residential	63.6	66.0	59.7	65.1	NA	NA	67.5	57.8	64.6	NA	NA	67.0
93	29	New_Residential	63.6	66.0	59.6	65.1	NA	NA	67.5	57.7	64.6	NA	NA	67.0
93	30	New_Residential	63.6	66.0	59.5	65.0	NA	NA	67.4	57.1	64.5	NA	NA	66.9
93	31	New_Residential	63.6	66.0	59.4	65.0	NA	NA	67.4	57.0	64.5	NA	NA	66.9
93	32	New_Residential	63.6	66.0	59.3	65.0	NA	NA	67.4	56.9	64.4	NA	NA	66.8
93	33	New_Residential	63.6	66.0	59.1	64.9	NA	NA	67.3	56.8	64.4	NA	NA	66.8
93	34	New_Residential	63.6	66.0	59.0	64.9	NA	NA	67.3	56.7	64.4	NA	NA	66.8
93	35	New_Residential	63.6	66.0	58.9	64.9	NA	NA	67.3	56.6	64.4	NA	NA	66.8
93	36	New_Residential	63.6	66.0	58.8	64.8	NA	NA	67.2	56.5	64.4	NA	NA	66.8
93	37	New_Residential	63.6	66.0	58.7	64.8	NA	NA	67.2	56.4	64.4	NA	NA	66.8
93	38	New_Residential	63.6	66.0	58.6	64.8	NA	NA	67.2	56.3	64.3	NA	NA	66.7
93	39	New_Residential	63.6	66.6	58.5	64.8	NA	NA	67.8	56.2	64.3	NA	NA	67.3
93	40	New_Residential	63.6	66.6	58.4	64.7	NA	NA	67.8	56.1	64.3	NA	NA	67.3
93	41	New_Residential	63.6	66.6	58.3	64.7	NA	NA	67.7	56.0	64.3	NA	NA	67.3
93	42	New_Residential	63.6	66.6	58.2	64.7	NA	NA	67.7	55.9	64.3	NA	NA	67.3
93	43	New_Residential	63.6	66.6	58.1	64.7	NA	NA	67.7	55.8	64.3	NA	NA	67.3
93	44	New_Residential	63.6	66.6	58.0	64.7	NA	NA	67.7	55.7	64.2	NA	NA	67.3
93	45	New_Residential	63.6	66.0	58.0	64.7	NA	NA	67.1	55.6	64.2	NA	NA	66.6
93	46	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	55.5	64.2	NA	NA	66.6
93	47	New_Residential	63.6	66.0	57.8	64.6	NA	NA	67.0	55.4	64.2	NA	NA	66.6
93	48	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	55.3	64.2	NA	NA	66.6
93	49	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	55.2	64.2	NA	NA	66.6
93	50	New_Residential	63.6	66.0	58.1	64.7	NA	NA	67.1	55.1	64.2	NA	NA	66.6
93	51	New_Residential	63.6	66.0	58.0	64.7	NA	NA	67.1	55.0	64.2	NA	NA	66.6
93	52	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	54.9	64.1	NA	NA	66.5
93	53	New_Residential	63.6	66.0	58.0	64.7	NA	NA	67.1	54.8	64.1	NA	NA	66.5
93	54	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	54.7	64.1	NA	NA	66.5
93	55	New_Residential	63.6	66.0	57.8	64.6	NA	NA	67.0	54.6	64.1	NA	NA	66.5
93	56	New_Residential	63.6	66.0	57.7	64.6	NA	NA	67.0	54.5	64.1	NA	NA	66.5
93	57	New_Residential	63.6	66.0	57.6	64.6	NA	NA	67.0	54.5	64.1	NA	NA	66.5
93	58	New_Residential	63.6	66.0	57.5	64.5	NA	NA	66.9	54.4	64.1	NA	NA	66.5
93	59	New_Residential	63.6	66.0	57.4	64.5	NA	NA	66.9	54.3	64.1	NA	NA	66.5
93	60	New_Residential	63.6	66.0	57.4	64.5	NA	NA	66.9	54.3	64.1	NA	NA	66.5
93	61	New_Residential	63.6	66.0	57.3	64.5	NA	NA	66.9	54.3	64.1	NA	NA	66.5
93	62	New_Residential	63.6	66.0	57.2	64.5	NA	NA	66.9	54.4	64.1	NA	NA	66.5
93	63	New_Residential	63.6	66.0	57.1	64.5	NA	NA	66.9	54.7	64.1	NA	NA	66.5
93	64	New_Residential	63.6	66.0	57.1	64.5	NA	NA	66.9	55.1	64.2	NA	NA	66.6
93	65	New_Residential	63.6	66.0	57.1	64.5	NA	NA	66.9	55.1	64.2	NA	NA	66.6
93	66	New_Residential	63.6	66.0	57.4	64.5	NA	NA	66.9	55.0	64.2	NA	NA	66.6
93	67	New_Residential	63.6	66.0	57.6	64.6	NA	NA	67.0	54.9	64.1	NA	NA	66.5
93	68	New_Residential	63.6	66.0	57.5	64.5	NA	NA	66.9	54.8	64.1	NA	NA	66.5
93	69	New_Residential	63.6	66.0	57.4	64.5	NA	NA	66.9	54.7	64.1	NA	NA	66.5
93	70	New_Residential	63.6	66.0	57.3	64.5	NA	NA	66.9	54.6	64.1	NA	NA	66.5
93	71	New_Residential	63.6	66.0	57.2	64.5	NA	NA	66.9	54.6	64.1	NA	NA	66.5
93	72	New_Residential	63.6	66.0	57.1	64.5	NA	NA	66.9	54.5	64.1	NA	NA	66.5
93	73	New_Residential	63.6	66.0	57.1	64.5	NA	NA	66.9	54.4	64.1	NA	NA	66.5
93	74	New_Residential	63.6	66.0	57.0	64.5	NA	NA	66.9	54.3	64.1	NA	NA	66.5
93	75	New_Residential	63.6	66.0	56.9	64.4	NA	NA	66.8	54.3	64.1	NA	NA	66.5
94	01	New_Residential	63.6	66.0	59.3	65.0	NA	NA	67.4	43.4	63.6	NA	NA	66.0
94	02	New_Residential	63.6	66.0	60.3	65.3	NA	NA	67.7	43.2	63.6	NA	NA	66.0
94	03	New_Residential	63.6	66.0	60.0	65.2	NA	NA	67.6	43.2	63.6	NA	NA	66.0
94	04	New_Residential	63.6	66.0	59.5	65.0	NA	NA	67.4	43.2	63.6	NA	NA	66.0
94	05	New_Residential	63.6	66.0	58.9	64.9	NA	NA	67.3	43.2	63.6	NA	NA	66.0
94	06	New_Residential	63.6	66.0	58.4	64.7	NA	NA	67.1	43.2	63.6	NA	NA	66.0
94	07	New_Residential	63.6	66.0	57.9	64.6	NA	NA	67.0	43.2	63.6	NA	NA	66.0
94	10	New_Residential	63.6	66.0	56.4	64.4	NA	NA	66.8	43.1	63.6	NA	NA	66.0
94	11	New_Residential	63.6	66.0	56.0	64.3	NA	NA	66.7	43.1	63.6	NA	NA	66.0
94	12	New_Residential	63.6	66.0	55.6	64.2	NA	NA	66.6	43.1	63.6	NA	NA	66.0
94	13	New_Residential	63.6	66.0	55.1	64.2	NA	NA	66.6	43.1	63.6	NA	NA	66.0
94	14	New_Residential	63.6	66.0	54.7	64.1	NA	NA	66.5	43.1	63.6	NA	NA	66.0
94	15	New_Residential	63.6	66.0	54.3	64.1	NA	NA	66.5	43.1	63.6	NA	NA	66.0
94	16	New_Residential	63.6	66.0	54.0	64.0	NA	NA	66.4	43.0	63.6	NA	NA	66.0
94	17	New_Residential	63.6	66.0	53.6	64.0	NA	NA	66.4	43.0	63.6	NA	NA	66.0
94	18	New_Residential	63.6	66.0	53.3	64.0	NA	NA	66.4	43.1	63.6	NA	NA	66.0
94	19	New_Residential	63.6	66.0	52.9	64.0	NA	NA	66.4	43.0	63.6	NA	NA	66.0
94	20	New_Residential	63.6	66.0	52.6	63.9	NA	NA	66.3	43.0	63.6	NA	NA	66.0
94	21	New_Residential	63.6	66.0	52.3	63.9	NA	NA	66.3	43.0	63.6	NA	NA	66.0

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

94	22	New_Residential	63.6	66.0	52.0	63.9	NA	NA	66.3	43.0	63.6	NA	NA	66.0
94	23	New_Residential	63.6	66.0	51.7	63.9	NA	NA	66.3	42.9	63.6	NA	NA	66.0
94	24	New_Residential	63.6	66.0	51.5	63.9	NA	NA	66.3	42.8	63.6	NA	NA	66.0
94	25	New_Residential	63.6	66.0	51.2	63.8	NA	NA	66.2	42.8	63.6	NA	NA	66.0
94	26	New_Residential	63.6	66.0	51.0	63.8	NA	NA	66.2	42.7	63.6	NA	NA	66.0
94	27	New_Residential	63.6	66.0	50.7	63.8	NA	NA	66.2	42.7	63.6	NA	NA	66.0
94	28	New_Residential	63.6	66.0	50.5	63.8	NA	NA	66.2	42.6	63.6	NA	NA	66.0
94	29	New_Residential	63.6	66.0	50.2	63.8	NA	NA	66.2	42.5	63.6	NA	NA	66.0
94	30	New_Residential	63.6	66.0	50.0	63.8	NA	NA	66.2	42.5	63.6	NA	NA	66.0
94	31	New_Residential	63.6	66.0	49.8	63.8	NA	NA	66.2	42.4	63.6	NA	NA	66.0
94	32	New_Residential	63.6	66.0	49.6	63.8	NA	NA	66.2	42.3	63.6	NA	NA	66.0
94	33	New_Residential	63.6	66.0	49.4	63.8	NA	NA	66.2	42.2	63.6	NA	NA	66.0
94	34	New_Residential	63.6	66.0	49.2	63.8	NA	NA	66.2	42.2	63.6	NA	NA	66.0
94	35	New_Residential	63.6	66.0	49.0	63.7	NA	NA	66.1	42.1	63.6	NA	NA	66.0
94	36	New_Residential	63.6	66.0	48.8	63.7	NA	NA	66.1	42.0	63.6	NA	NA	66.0
94	37	New_Residential	63.6	66.0	48.6	63.7	NA	NA	66.1	41.9	63.6	NA	NA	66.0
94	38	New_Residential	63.6	66.0	48.4	63.7	NA	NA	66.1	41.8	63.6	NA	NA	66.0
94	39	New_Residential	63.6	66.0	48.3	63.7	NA	NA	66.1	41.8	63.6	NA	NA	66.0
94	40	New_Residential	63.6	66.0	48.1	63.7	NA	NA	66.1	41.7	63.6	NA	NA	66.0
94	41	New_Residential	63.6	66.0	47.9	63.7	NA	NA	66.1	41.6	63.6	NA	NA	66.0
94	42	New_Residential	63.6	66.0	47.7	63.7	NA	NA	66.1	41.5	63.6	NA	NA	66.0
94	43	New_Residential	63.6	66.0	47.6	63.7	NA	NA	66.1	41.4	63.6	NA	NA	66.0
94	44	New_Residential	63.6	66.0	47.4	63.7	NA	NA	66.1	41.3	63.6	NA	NA	66.0
94	45	New_Residential	63.6	66.0	47.3	63.7	NA	NA	66.1	41.3	63.6	NA	NA	66.0
94	46	New_Residential	63.6	66.0	47.1	63.7	NA	NA	66.1	41.2	63.6	NA	NA	66.0
94	47	New_Residential	63.6	64.3	47.0	63.7	NA	NA	64.4	41.1	63.6	NA	NA	64.3
94	48	New_Residential	63.6	64.3	46.8	63.7	NA	NA	64.4	41.0	63.6	NA	NA	64.3
94	49	New_Residential	63.6	64.3	46.7	63.7	NA	NA	64.4	40.9	63.6	NA	NA	64.3
94	50	New_Residential	63.6	64.3	46.5	63.7	NA	NA	64.4	40.8	63.6	NA	NA	64.3
94	51	New_Residential	63.6	64.3	46.4	63.7	NA	NA	64.4	40.7	63.6	NA	NA	64.3
94	52	New_Residential	63.6	64.3	46.2	63.7	NA	NA	64.4	40.6	63.6	NA	NA	64.3
94	53	New_Residential	63.6	64.3	46.1	63.7	NA	NA	64.4	40.6	63.6	NA	NA	64.3
94	54	New_Residential	63.6	64.3	46.0	63.7	NA	NA	64.4	40.5	63.6	NA	NA	64.3
94	55	New_Residential	63.6	64.3	45.8	63.7	NA	NA	64.4	40.4	63.6	NA	NA	64.3
94	56	New_Residential	63.6	64.3	45.7	63.7	NA	NA	64.4	40.3	63.6	NA	NA	64.3
94	57	New_Residential	63.6	64.3	45.6	63.7	NA	NA	64.4	40.2	63.6	NA	NA	64.3
94	58	New_Residential	63.6	64.3	45.4	63.7	NA	NA	64.4	40.1	63.6	NA	NA	64.3
94	59	New_Residential	63.6	64.3	45.3	63.7	NA	NA	64.4	40.0	63.6	NA	NA	64.3
94	60	New_Residential	63.6	64.3	45.2	63.7	NA	NA	64.4	39.9	63.6	NA	NA	64.3
94	61	New_Residential	63.6	64.3	45.1	63.7	NA	NA	64.4	39.9	63.6	NA	NA	64.3
94	62	New_Residential	63.6	64.3	44.9	63.7	NA	NA	64.4	39.8	63.6	NA	NA	64.3
94	63	New_Residential	63.6	64.3	44.8	63.7	NA	NA	64.4	39.7	63.6	NA	NA	64.3
94	64	New_Residential	63.6	64.3	44.7	63.7	NA	NA	64.4	39.6	63.6	NA	NA	64.3
94	65	New_Residential	63.6	64.3	44.6	63.6	NA	NA	64.3	39.5	63.6	NA	NA	64.3
94	66	New_Residential	63.6	64.3	44.5	63.6	NA	NA	64.3	39.4	63.6	NA	NA	64.3
94	67	New_Residential	63.6	64.3	44.4	63.6	NA	NA	64.3	39.3	63.6	NA	NA	64.3
94	68	New_Residential	63.6	64.3	44.2	63.6	NA	NA	64.3	39.3	63.6	NA	NA	64.3
94	69	New_Residential	63.6	64.3	44.1	63.6	NA	NA	64.3	39.2	63.6	NA	NA	64.3
94	70	New_Residential	63.6	64.3	44.0	63.6	NA	NA	64.3	39.1	63.6	NA	NA	64.3
94	71	New_Residential	63.6	64.3	43.9	63.6	NA	NA	64.3	39.0	63.6	NA	NA	64.3
94	72	New_Residential	63.6	64.3	43.8	63.6	NA	NA	64.3	38.9	63.6	NA	NA	64.3
94	73	New_Residential	63.6	64.3	43.7	63.6	NA	NA	64.3	38.8	63.6	NA	NA	64.3
94	74	New_Residential	63.6	64.3	43.6	63.6	NA	NA	64.3	38.7	63.6	NA	NA	64.3
94	75	New_Residential	63.6	64.3	43.5	63.6	NA	NA	64.3	38.7	63.6	NA	NA	64.3
94	76	New_Residential	63.6	64.3	57.4	64.5	NA	NA	65.2	43.1	63.6	NA	NA	64.3
94	77	New_Residential	63.6	64.3	56.9	64.4	NA	NA	65.1	43.1	63.6	NA	NA	64.3
95	01	Tech_School	63.6	64.3	58.2	64.7	NA	NA	65.4	43.9	63.6	NA	NA	64.3
95	02	Tech_School	63.6	64.3	58.6	64.8	NA	NA	65.5	43.7	63.6	NA	NA	64.3
95	03	Tech_School	63.6	64.3	58.2	64.7	NA	NA	65.4	43.8	63.6	NA	NA	64.3
95	04	Tech_School	63.6	64.3	57.7	64.6	NA	NA	65.3	43.8	63.6	NA	NA	64.3
95	05	Tech_School	63.6	64.3	57.1	64.5	NA	NA	65.2	43.8	63.6	NA	NA	64.3
95	06	Tech_School	63.6	64.3	56.6	64.4	NA	NA	65.1	43.8	63.6	NA	NA	64.3
95	07	Tech_School	63.6	64.3	56.1	64.3	NA	NA	65.0	43.7	63.6	NA	NA	64.3
95	08	Tech_School	63.6	64.3	55.6	64.2	NA	NA	64.9	43.7	63.6	NA	NA	64.3
96	01	Tech_School	63.6	64.3	58.2	64.7	NA	NA	65.4	46.0	63.7	NA	NA	64.4
96	02	Tech_School	63.6	64.3	58.5	64.8	NA	NA	65.5	45.8	63.7	NA	NA	64.4
96	03	Tech_School	63.6	64.3	58.7	64.8	NA	NA	65.5	45.7	63.7	NA	NA	64.4
96	04	Tech_School	63.6	64.3	58.2	64.7	NA	NA	65.4	45.6	63.7	NA	NA	64.4
96	05	Tech_School	63.6	64.3	57.8	64.6	NA	NA	65.3	46.0	63.7	NA	NA	64.4
96	06	Tech_School	63.6	64.3	57.5	64.5	NA	NA	65.2	46.5	63.7	NA	NA	64.4
96	07	Tech_School	63.6	64.3	57.4	64.5	NA	NA	65.2	50.8	63.8	NA	NA	64.5
96	08	Tech_School	63.6	64.3	57.1	64.5	NA	NA	65.2	51.2	63.8	NA	NA	64.5
97	01	Tech_School	63.6	64.3	62.6	66.1	NA	NA	66.8	62.5	66.1	NA	NA	66.8
97	02	Tech_School	63.6	64.3	63.5	66.6	NA	NA	67.3	63.4	66.5	NA	NA	67.2
97	03	Tech_School	63.6	64.3	64.3	67.0	NA	NA	67.7	63.8	66.7	NA	NA	67.4
97	04	Tech_School	63.6	64.3	66.7	68.4	NA	NA	69.1	66.3	68.2	NA	NA	68.9
97	05	Tech_School	63.6	64.3	66.3	68.2	NA	NA	68.9	67.4	68.9	NA	NA	69.6
97	06	Tech_School	63.6	64.3	67.6	69.1	NA	NA	69.8	67.5	69.0	NA	NA	69.7
97	07	Tech_School	63.6	64.3	68.0	69.3	NA	NA	70.0	67.9	69.3	NA	NA	70.0
97	08	Tech_School	63.6	64.3	68.0	69.3	NA	NA	70.0	67.9	69.3	NA	NA	70.0
98	01	New_Residential	63.6	64.3	63.1	66.4	NA	NA	67.1	62.4	66.0	NA	NA	66.7
98	02	New_Residential	63.6	64.3	64.0	66.8	NA	NA	67.5	63.4	66.5	NA	NA	67.2
98	03	New_Residential	63.6	64.3	64.8	67.2	NA	NA	67.9	63.8	66.7	NA	NA	67.4
98	04	New_Residential	63.6	64.3	67.0	68.6	NA	NA	69.3	66.3	68.2	NA	NA	68.9
98	05	New_Residential	63.6	64.3	66.8	68.5	NA	NA	69.2	67.1	68.7	NA	NA	69.4
98	06	New_Residential	63.6	64.3	68.1	69.4	NA	NA	70.1	67.2	68.8	NA	NA	69.5
98	07	New_Residential	63.6	64.3	68.3	69.6	NA	NA	70.3	67.6	69.1	NA	NA	69.8
98	08	New_Residential	63.6	64.3	68.4	69.6	NA	NA	70.3	67.7	69.1	NA	NA	69.8
98	09	New_Residential	63.6	64.3	68.7	69.9	NA	NA	70.6	67.8	69.2	NA	NA	69.9
98	10	New_Residential	63.6	64.3	69.1	70.2	NA	NA	70.9	68.2	69.5	NA	NA	70.2
98	11	New_Residential	63.6	64.3	69.2	70.3	NA	NA	71.0	67.9	69.3	NA	NA	70.0
98	12	New_Residential	63.6	64.3	68.5	69.7	NA	NA	70.4	68.2	69.5	NA	NA	70.2
98	13	New_Residential	63.6	64.3	68.7	69.9	NA	NA	70.6	67.9	69.3	NA	NA	70.0
98	14	New_Residential	63.6	64.3	68.7	69.9	NA	NA	70.6	67.9	69.3	NA	NA	70.0

Construction Noise Analysis - Non-Construction Condition
ECF East 96th Street

98	15	New_Residential	63.6	64.3	68.6	69.8	NA	NA	70.5	67.8	69.2	NA	NA	69.9
98	16	New_Residential	63.6	64.3	67.9	69.3	NA	NA	70.0	67.7	69.1	NA	NA	69.8
98	17	New_Residential	63.6	64.3	67.9	69.3	NA	NA	70.0	67.7	69.1	NA	NA	69.8
98	18	New_Residential	63.6	64.3	67.8	69.2	NA	NA	69.9	67.6	69.1	NA	NA	69.8
98	19	New_Residential	63.6	64.3	67.7	69.1	NA	NA	69.8	67.5	69.0	NA	NA	69.7
98	20	New_Residential	63.6	64.3	67.6	69.1	NA	NA	69.8	67.5	69.0	NA	NA	69.7
98	21	New_Residential	63.6	64.3	67.5	69.0	NA	NA	69.7	67.4	68.9	NA	NA	69.6
98	22	New_Residential	63.6	64.3	67.4	68.9	NA	NA	69.6	67.3	68.8	NA	NA	69.5
98	23	New_Residential	63.6	64.3	67.2	68.8	NA	NA	69.5	67.2	68.8	NA	NA	69.5
98	24	New_Residential	63.6	64.3	67.1	68.7	NA	NA	69.4	67.2	68.8	NA	NA	69.5
98	25	New_Residential	63.6	64.3	67.0	68.6	NA	NA	69.3	67.2	68.8	NA	NA	69.5
98	26	New_Residential	63.6	64.3	66.9	68.6	NA	NA	69.3	67.2	68.8	NA	NA	69.5
98	27	New_Residential	63.6	64.3	66.7	68.4	NA	NA	69.1	67.1	68.7	NA	NA	69.4
98	28	New_Residential	63.6	64.3	66.6	68.4	NA	NA	69.1	66.7	68.4	NA	NA	69.1
98	29	New_Residential	63.6	66.6	66.5	68.3	NA	NA	71.3	66.4	68.2	NA	NA	71.3
98	30	New_Residential	63.6	66.6	66.4	68.2	NA	NA	71.3	66.3	68.2	NA	NA	71.2
98	31	New_Residential	63.6	66.6	66.3	68.2	NA	NA	71.2	66.2	68.1	NA	NA	71.1
98	32	New_Residential	63.6	66.6	66.1	68.0	NA	NA	71.1	66.1	68.0	NA	NA	71.1
98	33	New_Residential	63.6	66.6	66.0	68.0	NA	NA	71.0	65.9	67.9	NA	NA	70.9
98	34	New_Residential	63.6	66.6	65.9	67.9	NA	NA	70.9	65.8	67.8	NA	NA	70.9
98	35	New_Residential	63.6	66.6	65.8	67.8	NA	NA	70.9	65.7	67.8	NA	NA	70.8
98	36	New_Residential	63.6	66.6	65.6	67.7	NA	NA	70.7	65.5	67.7	NA	NA	70.7
98	37	New_Residential	63.6	66.6	65.5	67.7	NA	NA	70.7	65.4	67.6	NA	NA	70.6
98	38	New_Residential	63.6	66.6	65.4	67.6	NA	NA	70.6	65.3	67.5	NA	NA	70.6
98	39	New_Residential	63.6	66.6	65.2	67.5	NA	NA	70.5	65.1	67.4	NA	NA	70.4
98	40	New_Residential	63.6	66.6	65.1	67.4	NA	NA	70.4	65.0	67.4	NA	NA	70.4
98	41	New_Residential	63.6	66.6	65.0	67.4	NA	NA	70.4	64.9	67.3	NA	NA	70.3
98	42	New_Residential	63.6	66.6	64.8	67.2	NA	NA	70.3	64.7	67.2	NA	NA	70.2
98	43	New_Residential	63.6	66.6	64.7	67.2	NA	NA	70.2	64.6	67.1	NA	NA	70.2
98	44	New_Residential	63.6	66.6	64.6	67.1	NA	NA	70.2	64.5	67.1	NA	NA	70.1
98	45	New_Residential	63.6	66.6	64.4	67.0	NA	NA	70.0	64.4	67.0	NA	NA	70.0
98	46	New_Residential	63.6	66.6	64.3	67.0	NA	NA	70.0	64.2	66.9	NA	NA	69.9
98	47	New_Residential	63.6	66.6	64.2	66.9	NA	NA	69.9	64.1	66.9	NA	NA	69.9
98	48	New_Residential	63.6	66.6	64.1	66.9	NA	NA	69.9	64.0	66.8	NA	NA	69.8
98	49	New_Residential	63.6	66.6	63.9	66.8	NA	NA	69.8	63.8	66.7	NA	NA	69.7
98	50	New_Residential	63.6	66.6	63.8	66.7	NA	NA	69.7	63.7	66.7	NA	NA	69.7
98	51	New_Residential	63.6	66.6	63.7	66.7	NA	NA	69.7	63.6	66.6	NA	NA	69.6
98	52	New_Residential	63.6	66.6	63.6	66.6	NA	NA	69.6	63.5	66.6	NA	NA	69.6
98	53	New_Residential	63.6	66.6	63.4	66.5	NA	NA	69.5	63.3	66.5	NA	NA	69.5
98	54	New_Residential	63.6	66.6	63.3	66.5	NA	NA	69.5	63.2	66.4	NA	NA	69.4
98	55	New_Residential	63.6	66.6	63.2	66.4	NA	NA	69.4	63.1	66.4	NA	NA	69.4
98	56	New_Residential	63.6	66.6	63.1	66.4	NA	NA	69.4	63.0	66.3	NA	NA	69.3
98	57	New_Residential	63.6	66.6	63.0	66.3	NA	NA	69.3	62.9	66.3	NA	NA	69.3
98	58	New_Residential	63.6	66.6	62.9	66.3	NA	NA	69.3	62.7	66.2	NA	NA	69.2
98	59	New_Residential	63.6	66.6	62.7	66.2	NA	NA	69.2	62.6	66.1	NA	NA	69.2
98	60	New_Residential	63.6	66.6	62.6	66.1	NA	NA	69.2	62.5	66.1	NA	NA	69.1
98	61	New_Residential	63.6	66.6	62.5	66.1	NA	NA	69.1	62.4	66.0	NA	NA	69.1
98	62	New_Residential	63.6	66.6	62.4	66.0	NA	NA	69.1	62.3	66.0	NA	NA	69.0
98	63	New_Residential	63.6	66.6	62.3	66.0	NA	NA	69.0	62.2	66.0	NA	NA	69.0
98	64	New_Residential	63.6	66.6	62.2	66.0	NA	NA	69.0	62.0	65.9	NA	NA	68.9
98	65	New_Residential	63.6	66.6	62.1	65.9	NA	NA	68.9	61.9	65.8	NA	NA	68.9
98	66	New_Residential	63.6	66.6	62.0	65.9	NA	NA	68.9	61.8	65.8	NA	NA	68.8
98	67	New_Residential	63.6	66.6	61.9	65.8	NA	NA	68.9	61.7	65.8	NA	NA	68.8
98	68	New_Residential	63.6	66.6	61.3	65.6	NA	NA	68.6	61.6	65.7	NA	NA	68.7
98	69	New_Residential	63.6	66.6	61.2	65.6	NA	NA	68.6	61.5	65.7	NA	NA	68.7
98	70	New_Residential	63.6	66.6	61.0	65.5	NA	NA	68.5	61.4	65.6	NA	NA	68.7
98	71	New_Residential	63.6	66.6	60.9	65.5	NA	NA	68.5	61.3	65.6	NA	NA	68.6
98	72	New_Residential	63.6	66.6	60.8	65.4	NA	NA	68.4	61.2	65.6	NA	NA	68.6
98	73	New_Residential	63.6	66.6	60.7	65.4	NA	NA	68.4	61.1	65.5	NA	NA	68.6
98	74	New_Residential	63.6	66.6	60.6	65.4	NA	NA	68.4	61.0	65.5	NA	NA	68.5
98	75	New_Residential	63.6	66.6	60.5	65.3	NA	NA	68.3	60.9	65.5	NA	NA	68.5

Construction Noise Results - Construction Condition
ECF East 96th Street

Measurement Locations			Name of Receptor in CadnaA		dBA							
					ExAM L _{eq} at Meas	ExAM L ₁₀ at Meas	Cadna ExAM L _{eq}	Adjustment Factor at Meas Loc	Min Level (avg Meas L ₉₀)	Existing L _{eq}	L ₁₀ Difference	Existing L ₁₀
1			Measurement_1		65.8	68.8	67.7	-1.9	63.6	65.8	3.0	68.8
2			Measurement_2		70.3	74.4	72.4	-2.1	63.6	70.3	4.1	74.4
3			Measurement_3		70.3	72.7	71.4	-1.1	63.6	70.3	2.4	72.7
4			Measurement_4		71.1	71.8	72.8	-1.7	63.6	71.1	0.7	71.8
Report Receptor #	Noise Receptor Sites	Elevation (floor)	Address/Façade Number (ID)	Governing Measurement Locations	dBA							
					ExAM L _{eq} at Meas	ExAM L ₁₀ at Meas	Cadna ExAM L _{eq}	Adjustment Factor at Meas Loc	Min Level (avg Meas L ₉₀)	Existing L _{eq}	L ₁₀ Difference	Existing L ₁₀
01	1	1	Measurement_1	1			67.7	67.7	-1.9	135.4	65.8	201.2
02	2	1	Measurement_2	2			72.4	72.4	-2.1	144.8	70.3	215.1
03	3	1	Measurement_3	3			71.4	71.4	-1.1	142.8	70.3	213.1
04	4	1	Measurement_4	4			72.8	72.8	-1.7	145.6	71.1	216.7
05	005 01.OG	01	Hospital_S_A	1			63.7	67.7	-1.9	131.4	65.8	197.2
05	005 02.OG	02	Hospital_S_A	1			65.2	67.7	-1.9	132.9	65.8	198.7
05	005 03.OG	03	Hospital_S_A	1			65.8	67.7	-1.9	133.5	65.8	199.3
06	006 01.OG	01	Hospital_S_B	1			50.5	67.7	-1.9	118.2	65.8	184.0
06	006 02.OG	02	Hospital_S_B	1			52.1	67.7	-1.9	119.8	65.8	185.6
06	006 03.OG	03	Hospital_S_B	1			53.7	67.7	-1.9	121.4	65.8	187.2
06	006 04.OG	04	Hospital_S_B	1			54.9	67.7	-1.9	122.6	65.8	188.4
06	006 05.OG	05	Hospital_S_B	1			56.3	67.7	-1.9	124.0	65.8	189.8
06	006 06.OG	06	Hospital_S_B	1			57.3	67.7	-1.9	125.0	65.8	190.8
06	006 07.OG	07	Hospital_S_B	1			57.4	67.7	-1.9	125.1	65.8	190.9
06	006 08.OG	08	Hospital_S_B	1			57.7	67.7	-1.9	125.4	65.8	191.2
06	006 09.OG	09	Hospital_S_B	1			57.8	67.7	-1.9	125.5	65.8	191.3
06	006 10.OG	10	Hospital_S_B	1			57.9	67.7	-1.9	125.6	65.8	191.4
06	006 11.OG	11	Hospital_S_B	1			58.1	67.7	-1.9	125.8	65.8	191.6
06	006 12.OG	12	Hospital_S_B	1			58.1	67.7	-1.9	125.8	65.8	191.6
06	006 13.OG	13	Hospital_S_B	1			58.2	67.7	-1.9	125.9	65.8	191.7
06	006 14.OG	14	Hospital_S_B	1			58.3	67.7	-1.9	126.0	65.8	191.8
06	006 15.OG	15	Hospital_S_B	1			58.3	67.7	-1.9	126.0	65.8	191.8
06	006 16.OG	16	Hospital_S_B	1			58.4	67.7	-1.9	126.1	65.8	191.9
06	006 17.OG	17	Hospital_S_B	1			58.5	67.7	-1.9	126.2	65.8	192.0
06	006 18.OG	18	Hospital_S_B	1			58.5	67.7	-1.9	126.2	65.8	192.0
06	006 19.OG	19	Hospital_S_B	1			58.6	67.7	-1.9	126.3	65.8	192.1
06	006 20.OG	20	Hospital_S_B	1			58.9	67.7	-1.9	126.6	65.8	192.4
07	007 01.OG	01	Hospital_S_C	1			43.9	67.7	-1.9	111.6	65.8	177.4
07	007 02.OG	02	Hospital_S_C	1			49.1	67.7	-1.9	116.8	65.8	182.6
07	007 03.OG	03	Hospital_S_C	1			52.3	67.7	-1.9	120.0	65.8	185.8
07	007 04.OG	04	Hospital_S_C	1			53.8	67.7	-1.9	121.5	65.8	187.3
07	007 05.OG	05	Hospital_S_C	1			54.7	67.7	-1.9	122.4	65.8	188.2
07	007 06.OG	06	Hospital_S_C	1			56.3	67.7	-1.9	124.0	65.8	189.8
07	007 07.OG	07	Hospital_S_C	1			57.0	67.7	-1.9	124.7	65.8	190.5
07	007 08.OG	08	Hospital_S_C	1			57.8	67.7	-1.9	125.5	65.8	191.3
07	007 09.OG	09	Hospital_S_C	1			57.9	67.7	-1.9	125.6	65.8	191.4
07	007 10.OG	10	Hospital_S_C	1			58.0	67.7	-1.9	125.7	65.8	191.5
07	007 11.OG	11	Hospital_S_C	1			58.1	67.7	-1.9	125.8	65.8	191.6
07	007 12.OG	12	Hospital_S_C	1			58.2	67.7	-1.9	125.9	65.8	191.7
07	007 13.OG	13	Hospital_S_C	1			58.3	67.7	-1.9	126.0	65.8	191.8
07	007 14.OG	14	Hospital_S_C	1			58.3	67.7	-1.9	126.0	65.8	191.8
07	007 15.OG	15	Hospital_S_C	1			58.3	67.7	-1.9	126.0	65.8	191.8
07	007 16.OG	16	Hospital_S_C	1			58.3	67.7	-1.9	126.0	65.8	191.8
07	007 17.OG	17	Hospital_S_C	1			58.2	67.7	-1.9	125.9	65.8	191.7
07	007 18.OG	18	Hospital_S_C	1			58.1	67.7	-1.9	125.8	65.8	191.6
07	007 19.OG	19	Hospital_S_C	1			58.1	67.7	-1.9	125.8	65.8	191.6
07	007 20.OG	20	Hospital_S_C	1			58.1	67.7	-1.9	125.8	65.8	191.6
08	008 01.OG	01	Hospital_S_D	1			43.1	67.7	-1.9	110.8	65.8	176.6
08	008 02.OG	02	Hospital_S_D	1			49.8	67.7	-1.9	117.5	65.8	183.3
08	008 03.OG	03	Hospital_S_D	1			53.2	67.7	-1.9	120.9	65.8	186.7
08	008 04.OG	04	Hospital_S_D	1			54.6	67.7	-1.9	122.3	65.8	188.1
08	008 05.OG	05	Hospital_S_D	1			56.5	67.7	-1.9	124.2	65.8	190.0
08	008 06.OG	06	Hospital_S_D	1			57.8	67.7	-1.9	125.5	65.8	191.3
08	008 07.OG	07	Hospital_S_D	1			57.9	67.7	-1.9	125.6	65.8	191.4
08	008 08.OG	08	Hospital_S_D	1			58.1	67.7	-1.9	125.8	65.8	191.6
08	008 09.OG	09	Hospital_S_D	1			58.2	67.7	-1.9	125.9	65.8	191.7
08	008 10.OG	10	Hospital_S_D	1			58.3	67.7	-1.9	126.0	65.8	191.8
08	008 11.OG	11	Hospital_S_D	1			58.4	67.7	-1.9	126.1	65.8	191.9
08	008 12.OG	12	Hospital_S_D	1			58.5	67.7	-1.9	126.2	65.8	192.0
08	008 13.OG	13	Hospital_S_D	1			58.5	67.7	-1.9	126.2	65.8	192.0
08	008 14.OG	14	Hospital_S_D	1			58.5	67.7	-1.9	126.2	65.8	192.0
08	008 15.OG	15	Hospital_S_D	1			58.5	67.7	-1.9	126.2	65.8	192.0
08	008 16.OG	16	Hospital_S_D	1			58.4	67.7	-1.9	126.1	65.8	191.9
08	008 17.OG	17	Hospital_S_D	1			58.4	67.7	-1.9	126.1	65.8	191.9
08	008 18.OG	18	Hospital_S_D	1			58.3	67.7	-1.9	126.0	65.8	191.8
08	008 19.OG	19	Hospital_S_D	1			58.2	67.7	-1.9	125.9	65.8	191.7
08	008 20.OG	20	Hospital_S_D	1			58.2	67.7	-1.9	125.9	65.8	191.7
09	009 01.OG	01	Hospital_S_E	1			51.0	67.7	-1.9	118.7	65.8	184.5
09	009 02.OG	02	Hospital_S_E	1			52.3	67.7	-1.9	120.0	65.8	185.8
09	009 03.OG	03	Hospital_S_E	1			53.7	67.7	-1.9	121.4	65.8	187.2
09	009 04.OG	04	Hospital_S_E	1			54.7	67.7	-1.9	122.4	65.8	188.2
09	009 05.OG	05	Hospital_S_E	1			55.8	67.7	-1.9	123.5	65.8	189.3
09	009 06.OG	06	Hospital_S_E	1			57.2	67.7	-1.9	124.9	65.8	190.7
09	009 07.OG	07	Hospital_S_E	1			57.6	67.7	-1.9	125.3	65.8	191.1
09	009 08.OG	08	Hospital_S_E	1			58.5	67.7	-1.9	126.2	65.8	192.0
09	009 09.OG	09	Hospital_S_E	1			58.6	67.7	-1.9	126.3	65.8	192.1
09	009 10.OG	10	Hospital_S_E	1			58.8	67.7	-1.9	126.5	65.8	192.3
09	009 11.OG	11	Hospital_S_E	1			58.9	67.7	-1.9	126.6	65.8	192.4
09	009 12.OG	12	Hospital_S_E	1			59.1	67.7	-1.9	126.8	65.8	192.6
09	009 13.OG	13	Hospital_S_E	1			59.2	67.7	-1.9	126.9	65.8	192.7
09	009 14.OG	14	Hospital_S_E	1			59.3	67.7	-1.9	127.0	65.8	192.8
09	009 15.OG	15	Hospital_S_E	1			59.3	67.7	-1.9	127.0	65.8	192.8
09	009 16.OG	16	Hospital_S_E	1			59.3	67.7	-1.9	127.0	65.8	192.8
09	009 17.OG	17	Hospital_S_E	1			59.3	67.7	-1.9	127.0	65.8	192.8
09	009 18.OG	18	Hospital_S_E									

Construction Noise Results - Construction Condition
ECF East 96th Street

12	012 12.OG	12	Hospital_W_A	4	67.9	72.8	-1.7	140.7	71.1	211.8
12	012 13.OG	13	Hospital_W_A	4	67.6	72.8	-1.7	140.4	71.1	211.5
12	012 14.OG	14	Hospital_W_A	4	67.3	72.8	-1.7	140.1	71.1	211.2
12	012 15.OG	15	Hospital_W_A	4	67.0	72.8	-1.7	139.8	71.1	210.9
12	012 16.OG	16	Hospital_W_A	4	66.8	72.8	-1.7	139.6	71.1	210.7
12	012 17.OG	17	Hospital_W_A	4	66.5	72.8	-1.7	139.3	71.1	210.4
12	012 18.OG	18	Hospital_W_A	4	66.2	72.8	-1.7	139.0	71.1	210.1
12	012 19.OG	19	Hospital_W_A	4	66.0	72.8	-1.7	138.8	71.1	209.9
13	013 01.OG	01	Hospital_W_B	4	67.3	72.8	-1.7	140.1	71.1	211.2
13	013 02.OG	02	Hospital_W_B	4	69.1	72.8	-1.7	141.9	71.1	213.0
13	013 03.OG	03	Hospital_W_B	4	69.5	72.8	-1.7	142.3	71.1	213.4
13	013 04.OG	04	Hospital_W_B	4	69.5	72.8	-1.7	142.3	71.1	213.4
13	013 05.OG	05	Hospital_W_B	4	69.4	72.8	-1.7	142.2	71.1	213.3
13	013 06.OG	06	Hospital_W_B	4	69.2	72.8	-1.7	142.0	71.1	213.1
13	013 07.OG	07	Hospital_W_B	4	69.0	72.8	-1.7	141.8	71.1	212.9
13	013 08.OG	08	Hospital_W_B	4	68.7	72.8	-1.7	141.5	71.1	212.6
13	013 09.OG	09	Hospital_W_B	4	68.4	72.8	-1.7	141.2	71.1	212.3
13	013 10.OG	10	Hospital_W_B	4	68.1	72.8	-1.7	140.9	71.1	212.0
13	013 11.OG	11	Hospital_W_B	4	67.8	72.8	-1.7	140.6	71.1	211.7
13	013 12.OG	12	Hospital_W_B	4	67.5	72.8	-1.7	140.3	71.1	211.4
13	013 13.OG	13	Hospital_W_B	4	67.2	72.8	-1.7	140.0	71.1	211.1
13	013 14.OG	14	Hospital_W_B	4	66.9	72.8	-1.7	139.7	71.1	210.8
13	013 15.OG	15	Hospital_W_B	4	66.6	72.8	-1.7	139.4	71.1	210.5
13	013 16.OG	16	Hospital_W_B	4	66.3	72.8	-1.7	139.1	71.1	210.2
13	013 17.OG	17	Hospital_W_B	4	66.0	72.8	-1.7	138.8	71.1	209.9
13	013 18.OG	18	Hospital_W_B	4	65.7	72.8	-1.7	138.5	71.1	209.6
13	013 19.OG	19	Hospital_W_B	4	65.5	72.8	-1.7	138.3	71.1	209.4
13	013 20.OG	20	Hospital_W_B	4	65.2	72.8	-1.7	138.0	71.1	209.1
14	014 01.OG	01	Hospital_W_C	4	65.0	72.8	-1.7	137.8	71.1	208.9
14	014 02.OG	02	Hospital_W_C	4	66.9	72.8	-1.7	139.7	71.1	210.8
14	014 03.OG	03	Hospital_W_C	4	67.8	72.8	-1.7	140.6	71.1	211.7
14	014 04.OG	04	Hospital_W_C	4	68.1	72.8	-1.7	140.9	71.1	212.0
14	014 05.OG	05	Hospital_W_C	4	68.0	72.8	-1.7	140.8	71.1	211.9
14	014 06.OG	06	Hospital_W_C	4	67.8	72.8	-1.7	140.6	71.1	211.7
14	014 07.OG	07	Hospital_W_C	4	67.6	72.8	-1.7	140.4	71.1	211.5
14	014 08.OG	08	Hospital_W_C	4	67.4	72.8	-1.7	140.2	71.1	211.3
14	014 09.OG	09	Hospital_W_C	4	67.2	72.8	-1.7	140.0	71.1	211.1
14	014 10.OG	10	Hospital_W_C	4	66.9	72.8	-1.7	139.7	71.1	210.8
14	014 11.OG	11	Hospital_W_C	4	66.6	72.8	-1.7	139.4	71.1	210.5
14	014 12.OG	12	Hospital_W_C	4	66.3	72.8	-1.7	139.1	71.1	210.2
14	014 13.OG	13	Hospital_W_C	4	66.0	72.8	-1.7	138.8	71.1	209.9
14	014 14.OG	14	Hospital_W_C	4	65.7	72.8	-1.7	138.5	71.1	209.6
14	014 15.OG	15	Hospital_W_C	4	65.4	72.8	-1.7	138.2	71.1	209.3
14	014 16.OG	16	Hospital_W_C	4	65.1	72.8	-1.7	137.9	71.1	209.0
14	014 17.OG	17	Hospital_W_C	4	64.8	72.8	-1.7	137.6	71.1	208.7
14	014 18.OG	18	Hospital_W_C	4	64.6	72.8	-1.7	137.4	71.1	208.5
14	014 19.OG	19	Hospital_W_C	4	64.3	72.8	-1.7	137.1	71.1	208.2
14	014 20.OG	20	Hospital_W_C	4	64.0	72.8	-1.7	136.8	71.1	207.9
15	015 01.OG	01	Hospital_E_A	2	56.5	72.4	-2.1	128.9	70.3	199.2
15	015 02.OG	02	Hospital_E_A	2	57.3	72.4	-2.1	129.7	70.3	200.0
15	015 03.OG	03	Hospital_E_A	2	58.2	72.4	-2.1	130.6	70.3	200.9
15	015 04.OG	04	Hospital_E_A	2	59.1	72.4	-2.1	131.5	70.3	201.8
15	015 05.OG	05	Hospital_E_A	2	59.7	72.4	-2.1	132.1	70.3	202.4
15	015 06.OG	06	Hospital_E_A	2	60.3	72.4	-2.1	132.7	70.3	203.0
15	015 07.OG	07	Hospital_E_A	2	60.7	72.4	-2.1	133.1	70.3	203.4
15	015 08.OG	08	Hospital_E_A	2	61.1	72.4	-2.1	133.5	70.3	203.8
15	015 09.OG	09	Hospital_E_A	2	61.6	72.4	-2.1	134.0	70.3	204.3
15	015 10.OG	10	Hospital_E_A	2	62.0	72.4	-2.1	134.4	70.3	204.7
15	015 11.OG	11	Hospital_E_A	2	62.5	72.4	-2.1	134.9	70.3	205.2
15	015 12.OG	12	Hospital_E_A	2	62.8	72.4	-2.1	135.2	70.3	205.5
15	015 13.OG	13	Hospital_E_A	2	63.1	72.4	-2.1	135.5	70.3	205.8
15	015 14.OG	14	Hospital_E_A	2	63.2	72.4	-2.1	135.6	70.3	205.9
15	015 15.OG	15	Hospital_E_A	2	63.4	72.4	-2.1	135.8	70.3	206.1
15	015 16.OG	16	Hospital_E_A	2	63.4	72.4	-2.1	135.8	70.3	206.1
15	015 17.OG	17	Hospital_E_A	2	63.4	72.4	-2.1	135.8	70.3	206.1
15	015 18.OG	18	Hospital_E_A	2	63.5	72.4	-2.1	135.9	70.3	206.2
15	015 19.OG	19	Hospital_E_A	2	63.5	72.4	-2.1	135.9	70.3	206.2
15	015 20.OG	20	Hospital_E_A	2	63.5	72.4	-2.1	135.9	70.3	206.2
15	015 21.OG	21	Hospital_E_A	2	63.5	72.4	-2.1	135.9	70.3	206.2
16	016 01.OG	01	Hospital_E_B	2	69.1	72.4	-2.1	141.5	70.3	211.8
16	016 02.OG	02	Hospital_E_B	2	69.7	72.4	-2.1	142.1	70.3	212.4
16	016 03.OG	03	Hospital_E_B	2	55.8	72.4	-2.1	128.2	70.3	198.5
16	016 04.OG	04	Hospital_E_B	2	56.9	72.4	-2.1	129.3	70.3	199.6
16	016 05.OG	05	Hospital_E_B	2	57.9	72.4	-2.1	130.3	70.3	200.6
16	016 06.OG	06	Hospital_E_B	2	58.6	72.4	-2.1	131.0	70.3	201.3
16	016 07.OG	07	Hospital_E_B	2	59.4	72.4	-2.1	131.8	70.3	202.1
16	016 08.OG	08	Hospital_E_B	2	59.7	72.4	-2.1	132.1	70.3	202.4
16	016 09.OG	09	Hospital_E_B	2	60.9	72.4	-2.1	133.3	70.3	203.6
16	016 10.OG	10	Hospital_E_B	2	62.0	72.4	-2.1	134.4	70.3	204.7
16	016 11.OG	11	Hospital_E_B	2	62.6	72.4	-2.1	135.0	70.3	205.3
16	016 12.OG	12	Hospital_E_B	2	63.1	72.4	-2.1	135.5	70.3	205.8
16	016 13.OG	13	Hospital_E_B	2	63.2	72.4	-2.1	135.6	70.3	205.9
16	016 14.OG	14	Hospital_E_B	2	63.4	72.4	-2.1	135.8	70.3	206.1
16	016 15.OG	15	Hospital_E_B	2	63.4	72.4	-2.1	135.8	70.3	206.1
16	016 16.OG	16	Hospital_E_B	2	63.5	72.4	-2.1	135.9	70.3	206.2
16	016 17.OG	17	Hospital_E_B	2	63.5	72.4	-2.1	135.9	70.3	206.2
16	016 18.OG	18	Hospital_E_B	2	63.6	72.4	-2.1	136.0	70.3	206.3
16	016 19.OG	19	Hospital_E_B	2	63.6	72.4	-2.1	136.0	70.3	206.3
16	016 20.OG	20	Hospital_E_B	2	63.6	72.4	-2.1	136.0	70.3	206.3
16	016 21.OG	21	Hospital_E_B	2	63.6	72.4	-2.1	136.0	70.3	206.3
17	017 01.OG	01	Hospital_E_C	2	63.8	72.4	-2.1	136.2	70.3	206.5
17	017 02.OG	02	Hospital_E_C	2	65.4	72.4	-2.1	137.8	70.3	208.1
17	017 03.OG	03	Hospital_E_C	2	66.1	72.4	-2.1	138.5	70.3	208.8
17	017 04.OG	04	Hospital_E_C	2	66.7	72.4	-2.1	139.1	70.3	209.4
17	017 05.OG	05	Hospital_E_C	2	67.0	72.4	-2.1	139.4	70.3	209.7
17	017 06.OG	06	Hospital_E_C	2	67.2	72.4	-2.1	139.6	70.3	209.9
17	017 07.OG	07	Hospital_E_C	2	67.2	72.4	-2.1	139.6	70.3	209.9
17	017 08.OG	08	Hospital_E_C	2	67.1	72.4	-2.1	139.5	70.3	209.8
17	017 08.OG	08	Hospital_E_C	2	67.1	72.4	-2.1	139.5	70.3	209.8
17	017 10.OG	10	Hospital_E_C	2	62.5	72.4	-2.1	134.9	70.3	205.2
17	017 11.OG	11	Hospital_E_C	2	63.0	72.4	-2.1	135.4	70.3	205.7
17	017 12.OG	12	Hospital_E_C	2	63.3	72.4	-2.1	135.7	70.3	206.0
17	017 13.OG	13	Hospital_E_C	2	63.4	72.4	-2.1	135.8	70.3	206.1
17	017 14.OG	14	Hospital_E_C	2	63.5	72.4	-2.1	135.9	70.3	206.2
17	017 15.OG	15	Hospital_E_C	2	63.6	72.4	-2.1	136.0	70.3	206.3
17	017 16.OG	16	Hospital_E_C	2	63.6	72.4	-2.1	136.0	70.3	206.3
17	017 17.OG	17	Hospital_E_C	2	63.7	72.4	-2.1	136.1	70.3	206.4
17	017 18.OG	18	Hospital_E_C	2	63.8	72.4	-2.1	136.2	70.3	206.5
17	017 19.OG	19	Hospital_E_C	2	63.8	72.4	-2.1	136.2	70.3	206.5
17	017 20.OG	20	Hospital_E_C	2	63.8	72.4	-2.1	136.2	70.3	206.5
17	017 21.OG	21	Hospital_E_C	2	63.8	72.4	-2.1	136.2	70.3	206.5
18	018 01.OG	01	Hospital_E_D	2	59.3	72.4	-2.1	131.7	70.3	202.0
18	018 02.OG	02	Hospital_E_D	2	60.1	72.4	-2.1	132.5	70.3	202.8
18	018 03.OG	03	Hospital_E_D	2	61.0	72.4	-2.1	133.4	70.3	203.7
18	018 04.OG	04	Hospital_E_D	2	61.7	72.4	-2.1	134.1	70.3	204.4
18	018 05.OG	05	Hospital_E_D	2	62.2	72.4	-2.1	134.6	70.3	204.9
18	018 06.OG	06	Hospital_E_D	2	62.6	72.4	-2.1	135.0	70.3	205.3
18	018 07.OG	07	Hospital_E_D	2	62.9	72.4	-2.1	135.3	70.3	205.6
18	018 08.OG	08	Hospital_E_D	2	63.0	72.4	-2.1	135.4	70.3	205.7
18	018 09.OG	09	Hospital_E_D	2	63.2	72.4	-2.1	135.6	70.3	205.9
18	018 10.OG	10	Hospital_E_D	2	63.3	72.4	-2.1	135.7	70.3	206.0
18	018 11.OG	11	Hospital_E_D	2	63.5	72.4	-2.1	135.9	70.3	206.2
18	018 12.OG	12	Hospital_E_D	2	63.6	72.4	-2.1	136.0	70.3	206.3
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Construction Noise Results - Construction Condition
ECF East 96th Street

19	019 10.OG	10	Hospital_N_A	1	64.8	67.7	-1.9	132.5	65.8	198.3
19	019 11.OG	11	Hospital_N_A	1	64.4	67.7	-1.9	132.1	65.8	197.9
19	019 12.OG	12	Hospital_N_A	1	64.1	67.7	-1.9	131.8	65.8	197.6
19	019 13.OG	13	Hospital_N_A	1	63.8	67.7	-1.9	131.5	65.8	197.3
19	019 14.OG	14	Hospital_N_A	1	63.5	67.7	-1.9	131.2	65.8	197.0
19	019 15.OG	15	Hospital_N_A	1	63.3	67.7	-1.9	131.0	65.8	196.8
19	019 16.OG	16	Hospital_N_A	1	63.1	67.7	-1.9	130.8	65.8	196.6
19	019 17.OG	17	Hospital_N_A	1	63.0	67.7	-1.9	130.7	65.8	196.5
19	019 18.OG	18	Hospital_N_A	1	63.0	67.7	-1.9	130.7	65.8	196.5
19	019 19.OG	19	Hospital_N_A	1	62.8	67.7	-1.9	130.5	65.8	196.3
20	020 01.OG	01	Hospital_N_B	1	62.3	67.7	-1.9	130.0	65.8	195.8
20	020 02.OG	02	Hospital_N_B	1	64.2	67.7	-1.9	131.9	65.8	197.7
20	020 03.OG	03	Hospital_N_B	1	64.5	67.7	-1.9	132.2	65.8	198.0
20	020 04.OG	04	Hospital_N_B	1	64.4	67.7	-1.9	132.1	65.8	197.9
20	020 05.OG	05	Hospital_N_B	1	64.2	67.7	-1.9	131.9	65.8	197.7
20	020 06.OG	06	Hospital_N_B	1	64.0	67.7	-1.9	131.7	65.8	197.5
20	020 07.OG	07	Hospital_N_B	1	63.7	67.7	-1.9	131.4	65.8	197.2
20	020 08.OG	08	Hospital_N_B	1	63.5	67.7	-1.9	131.2	65.8	197.0
20	020 09.OG	09	Hospital_N_B	1	63.2	67.7	-1.9	130.9	65.8	196.7
20	020 10.OG	10	Hospital_N_B	1	63.0	67.7	-1.9	130.7	65.8	196.5
20	020 11.OG	11	Hospital_N_B	1	62.8	67.7	-1.9	130.5	65.8	196.3
20	020 12.OG	12	Hospital_N_B	1	62.5	67.7	-1.9	130.2	65.8	196.0
20	020 13.OG	13	Hospital_N_B	1	62.2	67.7	-1.9	129.9	65.8	195.7
20	020 14.OG	14	Hospital_N_B	1	61.9	67.7	-1.9	129.6	65.8	195.4
20	020 15.OG	15	Hospital_N_B	1	61.7	67.7	-1.9	129.4	65.8	195.2
20	020 16.OG	16	Hospital_N_B	1	61.4	67.7	-1.9	129.1	65.8	194.9
20	020 17.OG	17	Hospital_N_B	1	61.2	67.7	-1.9	128.9	65.8	194.7
20	020 18.OG	18	Hospital_N_B	1	61.0	67.7	-1.9	128.7	65.8	194.5
20	020 19.OG	19	Hospital_N_B	1	60.8	67.7	-1.9	128.5	65.8	194.3
20	020 20.OG	20	Hospital_N_B	1	60.6	67.7	-1.9	128.3	65.8	194.1
20	020 21.OG	21	Hospital_N_B	1	60.4	67.7	-1.9	128.1	65.8	193.9
21	021 01.OG	01	1711_3rd_Ave_N	1	61.7	67.7	-1.9	129.4	65.8	195.2
21	021 02.OG	02	1711_3rd_Ave_N	1	62.3	67.7	-1.9	130.0	65.8	195.8
21	021 03.OG	03	1711_3rd_Ave_N	1	62.1	67.7	-1.9	129.8	65.8	195.6
21	021 04.OG	04	1711_3rd_Ave_N	1	61.6	67.7	-1.9	129.3	65.8	195.1
21	021 05.OG	05	1711_3rd_Ave_N	1	61.1	67.7	-1.9	128.8	65.8	194.6
21	021 06.OG	06	1711_3rd_Ave_N	1	60.6	67.7	-1.9	128.3	65.8	194.1
21	021 07.OG	07	1711_3rd_Ave_N	1	60.0	67.7	-1.9	127.7	65.8	193.5
21	021 08.OG	08	1711_3rd_Ave_N	1	59.5	67.7	-1.9	127.2	65.8	193.0
21	021 09.OG	09	1711_3rd_Ave_N	1	59.1	67.7	-1.9	126.8	65.8	192.6
21	021 10.OG	10	1711_3rd_Ave_N	1	58.7	67.7	-1.9	126.4	65.8	192.2
22	022 01.OG	01	215_E_96th_N	1	64.6	67.7	-1.9	132.3	65.8	198.1
22	022 02.OG	02	215_E_96th_N	1	64.4	67.7	-1.9	132.1	65.8	197.9
22	022 03.OG	03	215_E_96th_N	1	63.8	67.7	-1.9	131.5	65.8	197.3
22	022 04.OG	04	215_E_96th_N	1	63.3	67.7	-1.9	131.0	65.8	196.8
22	022 05.OG	05	215_E_96th_N	1	62.8	67.7	-1.9	130.5	65.8	196.3
22	022 06.OG	06	215_E_96th_N	1	62.5	67.7	-1.9	130.2	65.8	196.0
22	022 07.OG	07	215_E_96th_N	1	62.2	67.7	-1.9	129.9	65.8	195.7
22	022 08.OG	08	215_E_96th_N	1	62.0	67.7	-1.9	129.7	65.8	195.5
22	022 09.OG	09	215_E_96th_N	1	61.9	67.7	-1.9	129.6	65.8	195.4
22	022 10.OG	10	215_E_96th_N	1	61.8	67.7	-1.9	129.5	65.8	195.3
22	022 11.OG	11	215_E_96th_N	1	61.6	67.7	-1.9	129.3	65.8	195.1
22	022 12.OG	12	215_E_96th_N	1	61.5	67.7	-1.9	129.2	65.8	195.0
22	022 13.OG	13	215_E_96th_N	1	61.3	67.7	-1.9	129.0	65.8	194.8
22	022 14.OG	14	215_E_96th_N	1	61.2	67.7	-1.9	128.9	65.8	194.7
22	022 15.OG	15	215_E_96th_N	1	61.0	67.7	-1.9	128.7	65.8	194.5
22	022 16.OG	16	215_E_96th_N	1	60.9	67.7	-1.9	128.6	65.8	194.4
22	022 17.OG	17	215_E_96th_N	1	60.7	67.7	-1.9	128.4	65.8	194.2
22	022 18.OG	18	215_E_96th_N	1	60.6	67.7	-1.9	128.3	65.8	194.1
22	022 19.OG	19	215_E_96th_N	1	60.4	67.7	-1.9	128.1	65.8	193.9
22	022 20.OG	20	215_E_96th_N	1	60.3	67.7	-1.9	128.0	65.8	193.8
22	022 21.OG	21	215_E_96th_N	1	60.2	67.7	-1.9	127.9	65.8	193.7
22	022 22.OG	22	215_E_96th_N	1	60.0	67.7	-1.9	127.7	65.8	193.5
22	022 23.OG	23	215_E_96th_N	1	59.9	67.7	-1.9	127.6	65.8	193.4
22	022 24.OG	24	215_E_96th_N	1	59.8	67.7	-1.9	127.5	65.8	193.3
22	022 25.OG	25	215_E_96th_N	1	59.7	67.7	-1.9	127.4	65.8	193.2
22	022 26.OG	26	215_E_96th_N	1	59.5	67.7	-1.9	127.2	65.8	193.0
22	022 27.OG	27	215_E_96th_N	1	59.4	67.7	-1.9	127.1	65.8	192.9
22	022 28.OG	28	215_E_96th_N	1	59.3	67.7	-1.9	127.0	65.8	192.8
22	022 29.OG	29	215_E_96th_N	1	59.2	67.7	-1.9	126.9	65.8	192.7
22	022 30.OG	30	215_E_96th_N	1	59.1	67.7	-1.9	126.8	65.8	192.6
22	022 31.OG	31	215_E_96th_N	1	59.0	67.7	-1.9	126.7	65.8	192.5
22	022 32.OG	32	215_E_96th_N	1	58.9	67.7	-1.9	126.6	65.8	192.4
22	022 33.OG	33	215_E_96th_N	1	58.8	67.7	-1.9	126.5	65.8	192.3
22	022 34.OG	34	215_E_96th_N	1	58.7	67.7	-1.9	126.4	65.8	192.2
22	022 35.OG	35	215_E_96th_N	1	58.6	67.7	-1.9	126.3	65.8	192.1
22	022 36.OG	36	215_E_96th_N	1	58.5	67.7	-1.9	126.2	65.8	192.0
22	022 37.OG	37	215_E_96th_N	1	58.4	67.7	-1.9	126.1	65.8	191.9
22	022 38.OG	38	215_E_96th_N	1	58.3	67.7	-1.9	126.0	65.8	191.8
22	022 39.OG	39	215_E_96th_N	1	58.2	67.7	-1.9	125.9	65.8	191.7
22	022 40.OG	40	215_E_96th_N	1	58.2	67.7	-1.9	125.9	65.8	191.7
22	022 41.OG	41	215_E_96th_N	1	58.1	67.7	-1.9	125.8	65.8	191.6
22	022 42.OG	42	215_E_96th_N	1	58.0	67.7	-1.9	125.7	65.8	191.5
23	023 01.OG	01	232_E_97th_N	1	65.4	67.7	-1.9	133.1	65.8	198.9
23	023 02.OG	02	232_E_97th_N	1	65.5	67.7	-1.9	133.2	65.8	199.0
23	023 03.OG	03	232_E_97th_N	1	65.2	67.7	-1.9	132.9	65.8	198.7
23	023 04.OG	04	232_E_97th_N	1	65.1	67.7	-1.9	132.8	65.8	198.6
24	025 01.OG	01	215_E_96th_S	3	68.9	71.4	-1.1	140.3	70.3	210.6
24	025 02.OG	02	215_E_96th_S	3	69.3	71.4	-1.1	140.7	70.3	211.0
24	025 03.OG	03	215_E_96th_S	3	69.0	71.4	-1.1	140.4	70.3	210.7
24	025 04.OG	04	215_E_96th_S	3	68.5	71.4	-1.1	139.9	70.3	210.2
24	025 05.OG	05	215_E_96th_S	3	68.1	71.4	-1.1	139.5	70.3	209.8
24	025 06.OG	06	215_E_96th_S	3	67.6	71.4	-1.1	139.0	70.3	209.3
24	025 07.OG	07	215_E_96th_S	3	67.2	71.4	-1.1	138.6	70.3	208.9
24	025 08.OG	08	215_E_96th_S	3	66.8	71.4	-1.1	138.2	70.3	208.5
24	025 09.OG	09	215_E_96th_S	3	66.5	71.4	-1.1	137.9	70.3	208.2
24	025 10.OG	10	215_E_96th_S	3	66.1	71.4	-1.1	137.5	70.3	207.8
24	025 11.OG	11	215_E_96th_S	3	65.8	71.4	-1.1	137.2	70.3	207.5
24	025 12.OG	12	215_E_96th_S	3	65.4	71.4	-1.1	136.8	70.3	207.1
24	025 13.OG	13	215_E_96th_S	3	65.1	71.4	-1.1	136.5	70.3	206.8
24	025 14.OG	14	215_E_96th_S	3	64.8	71.4	-1.1	136.2	70.3	206.5
24	025 15.OG	15	215_E_96th_S	3	64.5	71.4	-1.1	135.9	70.3	206.2
24	025 16.OG	16	215_E_96th_S	3	64.3	71.4	-1.1	135.7	70.3	206.0
24	025 17.OG	17	215_E_96th_S	3	64.0	71.4	-1.1	135.4	70.3	205.7
24	025 18.OG	18	215_E_96th_S	3	63.7	71.4	-1.1	135.1	70.3	205.4
24	025 19.OG	19	215_E_96th_S	3	63.5	71.4	-1.1	134.9	70.3	205.2
24	025 20.OG	20	215_E_96th_S	3	63.3	71.4	-1.1	134.7	70.3	205.0
24	025 21.OG	21	215_E_96th_S	3	63.1	71.4	-1.1	134.5	70.3	204.8
24	025 22.OG	22	215_E_96th_S	3	62.9	71.4	-1.1	134.3	70.3	204.6
24	025 23.OG	23	215_E_96th_S	3	62.7	71.4	-1.1	134.1	70.3	204.4
24	025 24.OG	24	215_E_96th_S	3	62.5	71.4	-1.1	133.9	70.3	204.2
24	025 25.OG	25	215_E_96th_S	3	62.3	71.4	-1.1	133.7	70.3	204.0
24	025 26.OG	26	215_E_96th_S	3	62.1	71.4	-1.1	133.5	70.3	203.8
24	025 27.OG	27	215_E_96th_S	3	61.9	71.4	-1.1	133.3	70.3	203.6
24	025 28.OG	28	215_E_96th_S	3	61.8	71.4	-1.1	133.2	70.3	203.5
24	025 29.OG	29	215_E_96th_S	3	61.6	71.4	-1.1	133.0	70.3	203.3
24	025 30.OG	30	215_E_96th_S	3	61.5	71.4	-1.1	132.9	70.3	203.2
24	025 31.OG	31	215_E_96th_S	3	61.3	71.4	-1.1	132.7		

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26	027 08.OG	08	1865_2nd_Ave_S	3		68.6	71.4	-1.1	140.0	70.3	210.3
26	027 09.OG	09	1865_2nd_Ave_S	3		68.2	71.4	-1.1	139.6	70.3	209.9
27	029 01.OG	01	1873_2nd_Ave_E	4		71.8	72.8	-1.7	144.6	71.1	215.7
27	029 02.OG	02	1873_2nd_Ave_E	4		72.1	72.8	-1.7	144.9	71.1	216.0
27	029 03.OG	03	1873_2nd_Ave_E	4		71.7	72.8	-1.7	144.5	71.1	215.6
27	029 04.OG	04	1873_2nd_Ave_E	4		71.3	72.8	-1.7	144.1	71.1	215.2
28	030 01.OG	01	1871_2nd_Ave_E	4		71.7	72.8	-1.7	144.5	71.1	215.6
28	030 02.OG	02	1871_2nd_Ave_E	4		72.0	72.8	-1.7	144.8	71.1	215.9
29	031 01.OG	01	1869_2nd_Ave_E	4		71.6	72.8	-1.7	144.4	71.1	215.5
29	031 02.OG	02	1869_2nd_Ave_E	4		72.0	72.8	-1.7	144.8	71.1	215.9
29	031 03.OG	03	1869_2nd_Ave_E	4		71.7	72.8	-1.7	144.5	71.1	215.6
29	031 04.OG	04	1869_2nd_Ave_E	4		71.3	72.8	-1.7	144.1	71.1	215.2
29	031 05.OG	05	1869_2nd_Ave_E	4		70.9	72.8	-1.7	143.7	71.1	214.8
29	031 06.OG	06	1869_2nd_Ave_E	4		70.5	72.8	-1.7	143.3	71.1	214.4
30	032 01.OG	01	1867_2nd_Ave_E	4		71.7	72.8	-1.7	144.5	71.1	215.6
30	032 02.OG	02	1867_2nd_Ave_E	4		72.1	72.8	-1.7	144.9	71.1	216.0
30	032 03.OG	03	1867_2nd_Ave_E	4		71.9	72.8	-1.7	144.7	71.1	215.8
30	032 04.OG	04	1867_2nd_Ave_E	4		71.4	72.8	-1.7	144.2	71.1	215.3
30	032 05.OG	05	1867_2nd_Ave_E	4		71.0	72.8	-1.7	143.8	71.1	214.9
31	033 01.OG	01	1865_2nd_Ave_E	4		72.0	72.8	-1.7	144.8	71.1	215.9
31	033 02.OG	02	1865_2nd_Ave_E	4		72.4	72.8	-1.7	145.2	71.1	216.3
31	033 03.OG	03	1865_2nd_Ave_E	4		72.1	72.8	-1.7	144.9	71.1	216.0
31	033 04.OG	04	1865_2nd_Ave_E	4		71.6	72.8	-1.7	144.4	71.1	215.5
31	033 05.OG	05	1865_2nd_Ave_E	4		71.2	72.8	-1.7	144.0	71.1	215.1
31	033 06.OG	06	1865_2nd_Ave_E	4		70.7	72.8	-1.7	143.5	71.1	214.6
31	033 07.OG	07	1865_2nd_Ave_E	4		70.3	72.8	-1.7	143.1	71.1	214.2
31	033 08.OG	08	1865_2nd_Ave_E	4		69.9	72.8	-1.7	142.7	71.1	213.8
31	033 09.OG	09	1865_2nd_Ave_E	4		69.5	72.8	-1.7	142.3	71.1	213.4
32	034 01.OG	01	1854_2nd_Ave_N	3		70.1	71.4	-1.1	141.5	70.3	211.8
32	034 02.OG	02	1854_2nd_Ave_N	3		70.7	71.4	-1.1	142.1	70.3	212.4
32	034 03.OG	03	1854_2nd_Ave_N	3		70.5	71.4	-1.1	141.9	70.3	212.2
32	034 04.OG	04	1854_2nd_Ave_N	3		70.2	71.4	-1.1	141.6	70.3	211.9
32	034 05.OG	05	1854_2nd_Ave_N	3		69.8	71.4	-1.1	141.2	70.3	211.5
33	036 01.OG	01	306_E_96th_N_A	3		68.5	71.4	-1.1	139.9	70.3	210.2
33	036 02.OG	02	306_E_96th_N_A	3		69.0	71.4	-1.1	140.4	70.3	210.7
33	036 03.OG	03	306_E_96th_N_A	3		68.9	71.4	-1.1	140.3	70.3	210.6
33	036 04.OG	04	306_E_96th_N_A	3		68.6	71.4	-1.1	140.0	70.3	210.3
33	036 05.OG	05	306_E_96th_N_A	3		68.3	71.4	-1.1	139.7	70.3	210.0
33	036 06.OG	06	306_E_96th_N_A	3		68.0	71.4	-1.1	139.4	70.3	209.7
33	036 07.OG	07	306_E_96th_N_A	3		67.7	71.4	-1.1	139.1	70.3	209.4
33	036 08.OG	08	306_E_96th_N_A	3		67.4	71.4	-1.1	138.8	70.3	209.1
33	036 09.OG	09	306_E_96th_N_A	3		67.2	71.4	-1.1	138.6	70.3	208.9
33	036 10.OG	10	306_E_96th_N_A	3		67.0	71.4	-1.1	138.4	70.3	208.7
33	036 11.OG	11	306_E_96th_N_A	3		66.8	71.4	-1.1	138.2	70.3	208.5
33	036 12.OG	12	306_E_96th_N_A	3		66.6	71.4	-1.1	138.0	70.3	208.3
33	036 13.OG	13	306_E_96th_N_A	3		66.4	71.4	-1.1	137.8	70.3	208.1
34	037 01.OG	01	306_E_96th_N_B	3		68.4	71.4	-1.1	139.8	70.3	210.1
34	037 02.OG	02	306_E_96th_N_B	3		69.0	71.4	-1.1	140.4	70.3	210.7
34	037 03.OG	03	306_E_96th_N_B	3		68.8	71.4	-1.1	140.2	70.3	210.5
34	037 04.OG	04	306_E_96th_N_B	3		68.4	71.4	-1.1	139.8	70.3	210.1
34	037 05.OG	05	306_E_96th_N_B	3		68.1	71.4	-1.1	139.5	70.3	209.8
34	037 06.OG	06	306_E_96th_N_B	3		67.7	71.4	-1.1	139.1	70.3	209.4
34	037 07.OG	07	306_E_96th_N_B	3		67.4	71.4	-1.1	138.8	70.3	209.1
34	037 08.OG	08	306_E_96th_N_B	3		67.1	71.4	-1.1	138.5	70.3	208.8
34	037 09.OG	09	306_E_96th_N_B	3		67.0	71.4	-1.1	138.4	70.3	208.7
34	037 10.OG	10	306_E_96th_N_B	3		66.8	71.4	-1.1	138.2	70.3	208.5
34	037 11.OG	11	306_E_96th_N_B	3		66.6	71.4	-1.1	138.0	70.3	208.3
34	037 12.OG	12	306_E_96th_N_B	3		66.4	71.4	-1.1	137.8	70.3	208.1
34	037 13.OG	13	306_E_96th_N_B	3		66.2	71.4	-1.1	137.6	70.3	207.9
35	038 01.OG	01	320_E_96th_N_A	3		69.4	71.4	-1.1	140.8	70.3	211.1
35	038 02.OG	02	320_E_96th_N_A	3		69.7	71.4	-1.1	141.1	70.3	211.4
35	038 03.OG	03	320_E_96th_N_A	3		69.4	71.4	-1.1	140.8	70.3	211.1
35	038 04.OG	04	320_E_96th_N_A	3		68.9	71.4	-1.1	140.3	70.3	210.6
35	038 05.OG	05	320_E_96th_N_A	3		68.4	71.4	-1.1	139.8	70.3	210.1
35	038 06.OG	06	320_E_96th_N_A	3		68.0	71.4	-1.1	139.4	70.3	209.7
35	038 07.OG	07	320_E_96th_N_A	3		67.7	71.4	-1.1	139.1	70.3	209.4
36	039 01.OG	01	320_E_96th_N_B	3		69.4	71.4	-1.1	140.8	70.3	211.1
36	039 02.OG	02	320_E_96th_N_B	3		69.8	71.4	-1.1	141.2	70.3	211.5
36	039 03.OG	03	320_E_96th_N_B	3		69.5	71.4	-1.1	140.9	70.3	211.2
36	039 04.OG	04	320_E_96th_N_B	3		69.1	71.4	-1.1	140.5	70.3	210.8
36	039 05.OG	05	320_E_96th_N_B	3		68.7	71.4	-1.1	140.1	70.3	210.4
36	039 06.OG	06	320_E_96th_N_B	3		68.4	71.4	-1.1	139.8	70.3	210.1
36	039 07.OG	07	320_E_96th_N_B	3		68.1	71.4	-1.1	139.5	70.3	209.8
37	040 01.OG	01	334_E_96th_N	3		69.5	71.4	-1.1	140.9	70.3	211.2
37	040 02.OG	02	334_E_96th_N	3		69.9	71.4	-1.1	141.3	70.3	211.6
37	040 03.OG	03	334_E_96th_N	3		69.6	71.4	-1.1	141.0	70.3	211.3
37	040 04.OG	04	334_E_96th_N	3		69.2	71.4	-1.1	140.6	70.3	210.9
37	040 05.OG	05	334_E_96th_N	3		68.9	71.4	-1.1	140.3	70.3	210.6
37	040 06.OG	06	334_E_96th_N	3		68.6	71.4	-1.1	140.0	70.3	210.3
38	041 01.OG	01	337_E_95th_N	3		69.7	71.4	-1.1	141.1	70.3	211.4
38	041 02.OG	02	337_E_95th_N	3		70.1	71.4	-1.1	141.5	70.3	211.8
38	041 03.OG	03	337_E_95th_N	3		69.9	71.4	-1.1	141.3	70.3	211.6
38	041 04.OG	04	337_E_95th_N	3		69.6	71.4	-1.1	141.0	70.3	211.3
38	041 05.OG	05	337_E_95th_N	3		69.4	71.4	-1.1	140.8	70.3	211.1
38	041 06.OG	06	337_E_95th_N	3		69.1	71.4	-1.1	140.5	70.3	210.8
38	041 07.OG	07	337_E_95th_N	3		68.8	71.4	-1.1	140.2	70.3	210.5
38	041 08.OG	08	337_E_95th_N	3		68.6	71.4	-1.1	140.0	70.3	210.3
38	041 09.OG	09	337_E_95th_N	3		68.4	71.4	-1.1	139.8	70.3	210.1
38	041 10.OG	10	337_E_95th_N	3		68.2	71.4	-1.1	139.6	70.3	209.9
39	042 01.OG	01	337_E_95th_E	2		66.3	72.4	-2.1	138.7	70.3	209.0
39	042 02.OG	02	337_E_95th_E	2		67.6	72.4	-2.1	140.0	70.3	210.3
39	042 03.OG	03	337_E_95th_E	2		68.2	72.4	-2.1	140.6	70.3	210.9
39	042 04.OG	04	337_E_95th_E	2		68.6	72.4	-2.1	141.0	70.3	211.3
39	042 05.OG	05	337_E_95th_E	2		68.7	72.4	-2.1	141.1	70.3	211.4
39	042 06.OG	06	337_E_95th_E	2		68.7	72.4	-2.1	141.1	70.3	211.4
39	042 07.OG	07	337_E_95th_E	2		68.7	72.4	-2.1	141.1	70.3	211.4
39	042 08.OG	08	337_E_95th_E	2		68.6	72.4	-2.1	141.0	70.3	211.3
39	042 09.OG	09	337_E_95th_E	2		68.6	72.4	-2.1	141.0	70.3	211.3
39	042 10.OG	10	337_E_95th_E	2		68.5	72.4	-2.1	140.9	70.3	211.2
40	043 01.OG	01	1843_1st_Ave_E	2		72.4	72.4	-2.1	144.8	70.3	215.1
40	043 02.OG	02	1843_1st_Ave_E	2		72.3	72.4	-2.1	144.7	70.3	215.0
40	043 03.OG	03	1843_1st_Ave_E	2		71.8	72.4	-2.1	144.2	70.3	214.5
40	043 04.OG	04	1843_1st_Ave_E	2		71.4	72.4	-2.1	143.8	70.3	214.1
40	043 05.OG	05	1843_1st_Ave_E	2		71.2	72.4	-2.1	143.6	70.3	213.9
41	044 01.OG	01	1841_1st_Ave_E_A	2		72.3	72.4	-2.1	144.7	70.3	215.0
41	044 02.OG	02	1841_1st_Ave_E_A	2		72.3	72.4	-2.1	144.7	70.3	215.0
41	044 03.OG	03	1841_1st_Ave_E_A	2		71.8	72.4	-2.1	144.2	70.3	214.5
41	044 04.OG	04	1841_1st_Ave_E_A	2		71.4	72.4	-2.1	143.8	70.3	214.1
41	044 05.OG	05	1841_1st_Ave_E_A	2		71.1	72.4	-2.1	143.5	70.3	213.8
42	045 01.OG	01	1841_1st_Ave_E_B	2		71.8	72.4	-2.1	144.2	70.3	214.5
42	045 02.OG	02	1841_1st_Ave_E_B	2		72.0	72.4	-2.1	144.4	70.3	214.7
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Construction Noise Results - Construction Condition
ECF East 96th Street

49	052 06.OG	06	219 E 97th N	1	61.4	67.7	-1.9	129.1	65.8	194.9
49	052 07.OG	07	219 E 97th N	1	61.3	67.7	-1.9	129.0	65.8	194.8
49	052 08.OG	08	219 E 97th N	1	61.2	67.7	-1.9	128.9	65.8	194.7
49	052 09.OG	09	219 E 97th N	1	61.1	67.7	-1.9	128.8	65.8	194.6
49	052 10.OG	10	219 E 97th N	1	61.0	67.7	-1.9	128.7	65.8	194.5
49	052 11.OG	11	219 E 97th N	1	60.8	67.7	-1.9	128.5	65.8	194.3
49	052 12.OG	12	219 E 97th N	1	60.7	67.7	-1.9	128.4	65.8	194.2
49	052 13.OG	13	219 E 97th N	1	60.5	67.7	-1.9	128.2	65.8	194.0
50	053 01.OG	01	201 E 97th S	1	62.2	67.7	-1.9	129.9	65.8	195.7
50	053 02.OG	02	201 E 97th S	1	63.0	67.7	-1.9	130.7	65.8	196.5
50	053 03.OG	03	201 E 97th S	1	62.9	67.7	-1.9	130.6	65.8	196.4
50	053 04.OG	04	201 E 97th S	1	62.6	67.7	-1.9	130.3	65.8	196.1
50	053 05.OG	05	201 E 97th S	1	62.2	67.7	-1.9	129.9	65.8	195.7
50	053 06.OG	06	201 E 97th S	1	61.8	67.7	-1.9	129.5	65.8	195.3
50	053 07.OG	07	201 E 97th S	1	61.4	67.7	-1.9	129.1	65.8	194.9
50	053 08.OG	08	201 E 97th S	1	61.0	67.7	-1.9	128.7	65.8	194.5
50	053 09.OG	09	201 E 97th S	1	60.7	67.7	-1.9	128.4	65.8	194.2
50	053 10.OG	10	201 E 97th S	1	60.3	67.7	-1.9	128.0	65.8	193.8
50	053 11.OG	11	201 E 97th S	1	60.1	67.7	-1.9	127.8	65.8	193.6
50	053 12.OG	12	201 E 97th S	1	59.8	67.7	-1.9	127.5	65.8	193.3
51	054 01.OG	01	219 E 97th E	4	57.2	72.8	-1.7	130.0	71.1	201.1
51	054 02.OG	02	219 E 97th E	4	58.4	72.8	-1.7	131.2	71.1	202.3
51	054 03.OG	03	219 E 97th E	4	59.1	72.8	-1.7	131.9	71.1	203.0
51	054 04.OG	04	219 E 97th E	4	59.5	72.8	-1.7	132.3	71.1	203.4
51	054 05.OG	05	219 E 97th E	4	59.9	72.8	-1.7	132.7	71.1	203.8
51	054 06.OG	06	219 E 97th E	4	60.2	72.8	-1.7	133.0	71.1	204.1
51	054 07.OG	07	219 E 97th E	4	60.4	72.8	-1.7	133.2	71.1	204.3
51	054 08.OG	08	219 E 97th E	4	60.7	72.8	-1.7	133.5	71.1	204.6
51	054 09.OG	09	219 E 97th E	4	60.9	72.8	-1.7	133.7	71.1	204.8
51	054 10.OG	10	219 E 97th E	4	61.0	72.8	-1.7	133.8	71.1	204.9
51	054 11.OG	11	219 E 97th E	4	61.0	72.8	-1.7	133.8	71.1	204.9
51	054 12.OG	12	219 E 97th E	4	60.9	72.8	-1.7	133.7	71.1	204.8
51	054 13.OG	13	219 E 97th E	4	60.9	72.8	-1.7	133.7	71.1	204.8
52	055 01.OG	01	1893 2nd Ave E	4	57.9	72.8	-1.7	130.7	71.1	201.8
52	055 02.OG	02	1893 2nd Ave E	4	60.9	72.8	-1.7	133.7	71.1	204.8
52	055 03.OG	03	1893 2nd Ave E	4	63.2	72.8	-1.7	136.0	71.1	207.1
52	055 04.OG	04	1893 2nd Ave E	4	64.1	72.8	-1.7	136.9	71.1	208.0
52	055 05.OG	05	1893 2nd Ave E	4	64.6	72.8	-1.7	137.4	71.1	208.5
52	055 06.OG	06	1893 2nd Ave E	4	64.8	72.8	-1.7	137.6	71.1	208.7
52	055 07.OG	07	1893 2nd Ave E	4	64.8	72.8	-1.7	137.6	71.1	208.7
52	055 08.OG	08	1893 2nd Ave E	4	64.7	72.8	-1.7	137.5	71.1	208.6
52	055 09.OG	09	1893 2nd Ave E	4	64.6	72.8	-1.7	137.4	71.1	208.5
52	055 10.OG	10	1893 2nd Ave E	4	64.5	72.8	-1.7	137.3	71.1	208.4
52	055 11.OG	11	1893 2nd Ave E	4	64.4	72.8	-1.7	137.2	71.1	208.3
52	055 12.OG	12	1893 2nd Ave E	4	64.2	72.8	-1.7	137.0	71.1	208.1
52	055 13.OG	13	1893 2nd Ave E	4	64.1	72.8	-1.7	136.9	71.1	208.0
52	055 14.OG	14	1893 2nd Ave E	4	64.0	72.8	-1.7	136.8	71.1	207.9
53	056 01.OG	01	1893 2nd Ave S	1	60.9	67.7	-1.9	128.6	65.8	194.4
54	057 01.OG	01	1893 2nd Ave S	1	60.7	67.7	-1.9	128.4	65.8	194.2
54	057 02.OG	02	1893 2nd Ave S	1	62.5	67.7	-1.9	130.2	65.8	196.0
54	057 03.OG	03	1893 2nd Ave S	1	63.4	67.7	-1.9	131.1	65.8	196.9
54	057 04.OG	04	1893 2nd Ave S	1	63.7	67.7	-1.9	131.4	65.8	197.2
54	057 05.OG	05	1893 2nd Ave S	1	63.9	67.7	-1.9	131.6	65.8	197.4
54	057 06.OG	06	1893 2nd Ave S	1	63.9	67.7	-1.9	131.6	65.8	197.4
54	057 07.OG	07	1893 2nd Ave S	1	63.8	67.7	-1.9	131.5	65.8	197.3
54	057 08.OG	08	1893 2nd Ave S	1	63.7	67.7	-1.9	131.4	65.8	197.2
54	057 09.OG	09	1893 2nd Ave S	1	63.6	67.7	-1.9	131.3	65.8	197.1
54	057 10.OG	10	1893 2nd Ave S	1	63.4	67.7	-1.9	131.1	65.8	196.9
54	057 11.OG	11	1893 2nd Ave S	1	63.3	67.7	-1.9	131.0	65.8	196.8
54	057 12.OG	12	1893 2nd Ave S	1	63.2	67.7	-1.9	130.9	65.8	196.7
55	058 01.OG	01	1895 2nd Ave N	1	67.1	67.7	-1.9	134.8	65.8	200.6
55	058 02.OG	02	1895 2nd Ave N	1	68.6	67.7	-1.9	136.3	65.8	202.1
55	058 03.OG	03	1895 2nd Ave N	1	68.9	67.7	-1.9	136.6	65.8	202.4
55	058 04.OG	04	1895 2nd Ave N	1	68.8	67.7	-1.9	136.5	65.8	202.3
55	058 05.OG	05	1895 2nd Ave N	1	68.5	67.7	-1.9	136.2	65.8	202.0
55	058 06.OG	06	1895 2nd Ave N	1	68.2	67.7	-1.9	135.9	65.8	201.7
55	058 07.OG	07	1895 2nd Ave N	1	67.9	67.7	-1.9	135.6	65.8	201.4
55	058 08.OG	08	1895 2nd Ave N	1	67.6	67.7	-1.9	135.3	65.8	201.1
55	058 09.OG	09	1895 2nd Ave N	1	67.3	67.7	-1.9	135.0	65.8	200.8
55	058 10.OG	10	1895 2nd Ave N	1	66.9	67.7	-1.9	134.6	65.8	200.4
55	058 11.OG	11	1895 2nd Ave N	1	66.6	67.7	-1.9	134.3	65.8	200.1
55	058 12.OG	12	1895 2nd Ave N	1	66.3	67.7	-1.9	134.0	65.8	199.8
55	058 13.OG	13	1895 2nd Ave N	1	66.0	67.7	-1.9	133.7	65.8	199.5
55	058 14.OG	14	1895 2nd Ave N	1	65.7	67.7	-1.9	133.4	65.8	199.2
56	059 01.OG	01	1895 2nd Ave E	4	69.4	72.8	-1.7	142.2	71.1	213.3
56	059 02.OG	02	1895 2nd Ave E	4	70.4	72.8	-1.7	143.2	71.1	214.3
56	059 03.OG	03	1895 2nd Ave E	4	70.5	72.8	-1.7	143.3	71.1	214.4
56	059 04.OG	04	1895 2nd Ave E	4	70.3	72.8	-1.7	143.1	71.1	214.2
56	059 05.OG	05	1895 2nd Ave E	4	69.9	72.8	-1.7	142.7	71.1	213.8
56	059 06.OG	06	1895 2nd Ave E	4	69.6	72.8	-1.7	142.4	71.1	213.5
56	059 07.OG	07	1895 2nd Ave E	4	69.2	72.8	-1.7	142.0	71.1	213.1
56	059 08.OG	08	1895 2nd Ave E	4	68.8	72.8	-1.7	141.6	71.1	212.7
56	059 09.OG	09	1895 2nd Ave E	4	68.4	72.8	-1.7	141.2	71.1	212.3
56	059 10.OG	10	1895 2nd Ave E	4	68.0	72.8	-1.7	140.8	71.1	211.9
56	059 11.OG	11	1895 2nd Ave E	4	67.7	72.8	-1.7	140.5	71.1	211.6
56	059 12.OG	12	1895 2nd Ave E	4	67.3	72.8	-1.7	140.1	71.1	211.2
56	059 13.OG	13	1895 2nd Ave E	4	67.0	72.8	-1.7	139.8	71.1	210.9
56	059 14.OG	14	1895 2nd Ave E	4	66.7	72.8	-1.7	139.5	71.1	210.6
57	060 01.OG	01	1709 3rd Ave N	3	67.1	71.4	-1.1	138.5	70.3	208.8
57	060 02.OG	02	1709 3rd Ave N	3	67.8	71.4	-1.1	139.2	70.3	209.5
57	060 03.OG	03	1709 3rd Ave N	3	67.7	71.4	-1.1	139.1	70.3	209.4
57	060 04.OG	04	1709 3rd Ave N	3	67.4	71.4	-1.1	138.8	70.3	209.1
57	060 05.OG	05	1709 3rd Ave N	3	67.0	71.4	-1.1	138.4	70.3	208.7
57	060 06.OG	06	1709 3rd Ave N	3	66.5	71.4	-1.1	137.9	70.3	208.2
57	060 07.OG	07	1709 3rd Ave N	3	66.2	71.4	-1.1	137.6	70.3	207.9
57	060 08.OG	08	1709 3rd Ave N	3	65.9	71.4	-1.1	137.3	70.3	207.6
57	060 09.OG	09	1709 3rd Ave N	3	65.6	71.4	-1.1	137.0	70.3	207.3
57	060 10.OG	10	1709 3rd Ave N	3	65.4	71.4	-1.1	136.8	70.3	207.1
57	060 11.OG	11	1709 3rd Ave N	3	65.1	71.4	-1.1	136.5	70.3	206.8
57	060 12.OG	12	1709 3rd Ave N	3	64.7	71.4	-1.1	136.1	70.3	206.4
57	060 13.OG	13	1709 3rd Ave N	3	64.4	71.4	-1.1	135.8	70.3	206.1
57	060 14.OG	14	1709 3rd Ave N	3	64.1	71.4	-1.1	135.5	70.3	205.8
57	060 15.OG	15	1709 3rd Ave N	3	63.8	71.4	-1.1	135.2	70.3	205.5
57	060 16.OG	16	1709 3rd Ave N	3	63.5	71.4	-1.1	134.9	70.3	205.2
57	060 17.OG	17	1709 3rd Ave N	3	63.3	71.4	-1.1	134.7	70.3	205.0
57	060 18.OG	18	1709 3rd Ave N	3	63.0	71.4	-1.1	134.4	70.3	204.7
57	060 19.OG	19	1709 3rd Ave N	3	62.7	71.4	-1.1	134.1	70.3	204.4
57	060 20.OG	20	1709 3rd Ave N	3	62.5	71.4	-1.1	133.9	70.3	204.2
57	060 21.OG	21	1709 3rd Ave N	3	62.3	71.4	-1.1	133.7	70.3	204.0
57	060 22.OG	22	1709 3rd Ave N	3	62.1	71.4	-1.1	133.5	70.3	203.8
57	060 23.OG	23	1709 3rd Ave N	3	61.8	71.4	-1.1	133.2	70.3	203.5
57	060 24.OG	24	1709 3rd Ave N	3	61.6	71.4	-1.1	133.0	70.3	203.3
57	060 25.OG	25	1709 3rd Ave N	3	61.4	71.4	-1.1	132.8	70.3	203.1
57	060 26.OG	26	1709 3rd Ave N	3	61.2	71.4	-1.1	132.6	70.3	202.9
57	060 27.OG	27	1709 3rd Ave N	3	61.1	71.4	-1.1	132.5	70.3	202.8
57	060 28.OG	28	1709 3rd Ave N	3	60.9	71.4	-1.1	132.3	70.3	202.6
57	060									

Construction Noise Results - Construction Condition
ECF East 96th Street

58	061 20.OG	20	225_E_95th_N	3		64.0	71.4	-1.1	135.4	70.3	205.7
58	061 21.OG	21	225_E_95th_N	3		63.9	71.4	-1.1	135.3	70.3	205.6
58	061 22.OG	22	225_E_95th_N	3		63.7	71.4	-1.1	135.1	70.3	205.4
58	061 23.OG	23	225_E_95th_N	3		63.6	71.4	-1.1	135.0	70.3	205.3
58	061 24.OG	24	225_E_95th_N	3		63.4	71.4	-1.1	134.8	70.3	205.1
58	061 25.OG	25	225_E_95th_N	3		63.3	71.4	-1.1	134.7	70.3	205.0
58	061 26.OG	26	225_E_95th_N	3		63.2	71.4	-1.1	134.6	70.3	204.9
58	061 27.OG	27	225_E_95th_N	3		63.1	71.4	-1.1	134.5	70.3	204.8
58	061 28.OG	28	225_E_95th_N	3		63.0	71.4	-1.1	134.4	70.3	204.7
58	061 29.OG	29	225_E_95th_N	3		62.8	71.4	-1.1	134.2	70.3	204.5
58	061 30.OG	30	225_E_95th_N	3		62.7	71.4	-1.1	134.1	70.3	204.4
58	061 31.OG	31	225_E_95th_N	3		62.6	71.4	-1.1	134.0	70.3	204.3
58	061 32.OG	32	225_E_95th_N	3		62.5	71.4	-1.1	133.9	70.3	204.2
58	061 33.OG	33	225_E_95th_N	3		62.3	71.4	-1.1	133.7	70.3	204.0
58	061 34.OG	34	225_E_95th_N	3		62.2	71.4	-1.1	133.6	70.3	203.9
58	061 35.OG	35	225_E_95th_N	3		62.1	71.4	-1.1	133.5	70.3	203.8
58	061 36.OG	36	225_E_95th_N	3		62.0	71.4	-1.1	133.4	70.3	203.7
58	061 37.OG	37	225_E_95th_N	3		61.9	71.4	-1.1	133.3	70.3	203.6
58	061 38.OG	38	225_E_95th_N	3		61.8	71.4	-1.1	133.2	70.3	203.5
58	061 39.OG	39	225_E_95th_N	3		61.7	71.4	-1.1	133.1	70.3	203.4
59	062 01.OG	01	235_E_95th_N	3		66.5	71.4	-1.1	137.9	70.3	208.2
59	062 02.OG	02	235_E_95th_N	3		67.8	71.4	-1.1	139.2	70.3	209.5
59	062 03.OG	03	235_E_95th_N	3		68.2	71.4	-1.1	139.6	70.3	209.9
59	062 04.OG	04	235_E_95th_N	3		68.2	71.4	-1.1	139.6	70.3	209.9
59	062 05.OG	05	235_E_95th_N	3		68.1	71.4	-1.1	139.5	70.3	209.8
59	062 06.OG	06	235_E_95th_N	3		67.8	71.4	-1.1	139.2	70.3	209.5
59	062 07.OG	07	235_E_95th_N	3		67.6	71.4	-1.1	139.0	70.3	209.3
59	062 08.OG	08	235_E_95th_N	3		67.3	71.4	-1.1	138.7	70.3	209.0
59	062 09.OG	09	235_E_95th_N	3		67.0	71.4	-1.1	138.4	70.3	208.7
59	062 10.OG	10	235_E_95th_N	3		66.7	71.4	-1.1	138.1	70.3	208.4
59	062 11.OG	11	235_E_95th_N	3		66.5	71.4	-1.1	137.9	70.3	208.2
59	062 12.OG	12	235_E_95th_N	3		66.3	71.4	-1.1	137.7	70.3	208.0
59	062 13.OG	13	235_E_95th_N	3		66.1	71.4	-1.1	137.5	70.3	207.8
59	062 14.OG	14	235_E_95th_N	3		65.9	71.4	-1.1	137.3	70.3	207.6
59	062 15.OG	15	235_E_95th_N	3		65.8	71.4	-1.1	137.2	70.3	207.5
59	062 16.OG	16	235_E_95th_N	3		65.6	71.4	-1.1	137.0	70.3	207.3
59	062 17.OG	17	235_E_95th_N	3		65.5	71.4	-1.1	136.9	70.3	207.2
59	062 18.OG	18	235_E_95th_N	3		65.3	71.4	-1.1	136.7	70.3	207.0
59	062 19.OG	19	235_E_95th_N	3		65.2	71.4	-1.1	136.6	70.3	206.9
59	062 20.OG	20	235_E_95th_N	3		65.0	71.4	-1.1	136.4	70.3	206.7
59	062 21.OG	21	235_E_95th_N	3		64.9	71.4	-1.1	136.3	70.3	206.6
59	062 22.OG	22	235_E_95th_N	3		64.8	71.4	-1.1	136.2	70.3	206.5
59	062 23.OG	23	235_E_95th_N	3		64.7	71.4	-1.1	136.1	70.3	206.4
59	062 24.OG	24	235_E_95th_N	3		64.5	71.4	-1.1	135.9	70.3	206.2
59	062 25.OG	25	235_E_95th_N	3		64.4	71.4	-1.1	135.8	70.3	206.1
59	062 26.OG	26	235_E_95th_N	3		64.3	71.4	-1.1	135.7	70.3	206.0
59	062 27.OG	27	235_E_95th_N	3		64.2	71.4	-1.1	135.6	70.3	205.9
59	062 28.OG	28	235_E_95th_N	3		64.1	71.4	-1.1	135.5	70.3	205.8
59	062 29.OG	29	235_E_95th_N	3		63.9	71.4	-1.1	135.3	70.3	205.6
59	062 30.OG	30	235_E_95th_N	3		63.8	71.4	-1.1	135.2	70.3	205.5
59	062 31.OG	31	235_E_95th_N	3		63.7	71.4	-1.1	135.1	70.3	205.4
59	062 32.OG	32	235_E_95th_N	3		63.6	71.4	-1.1	135.0	70.3	205.3
59	062 33.OG	33	235_E_95th_N	3		63.5	71.4	-1.1	134.9	70.3	205.2
59	062 34.OG	34	235_E_95th_N	3		63.3	71.4	-1.1	134.7	70.3	205.0
59	062 35.OG	35	235_E_95th_N	3		63.2	71.4	-1.1	134.6	70.3	204.9
59	062 36.OG	36	235_E_95th_N	3		63.1	71.4	-1.1	134.5	70.3	204.8
59	062 37.OG	37	235_E_95th_N	3		63.0	71.4	-1.1	134.4	70.3	204.7
59	062 38.OG	38	235_E_95th_N	3		62.9	71.4	-1.1	134.3	70.3	204.6
60	063 01.OG	01	235_E_95th_E_A	4		66.1	72.8	-1.7	138.9	71.1	210.0
60	063 02.OG	02	235_E_95th_E_A	4		68.0	72.8	-1.7	140.8	71.1	211.9
60	063 03.OG	03	235_E_95th_E_A	4		68.5	72.8	-1.7	141.3	71.1	212.4
60	063 04.OG	04	235_E_95th_E_A	4		68.6	72.8	-1.7	141.4	71.1	212.5
60	063 05.OG	05	235_E_95th_E_A	4		68.5	72.8	-1.7	141.3	71.1	212.4
60	063 06.OG	06	235_E_95th_E_A	4		68.3	72.8	-1.7	141.1	71.1	212.2
60	063 07.OG	07	235_E_95th_E_A	4		68.1	72.8	-1.7	140.9	71.1	212.0
60	063 08.OG	08	235_E_95th_E_A	4		67.8	72.8	-1.7	140.6	71.1	211.7
60	063 09.OG	09	235_E_95th_E_A	4		67.6	72.8	-1.7	140.4	71.1	211.5
60	063 10.OG	10	235_E_95th_E_A	4		67.3	72.8	-1.7	140.1	71.1	211.2
60	063 11.OG	11	235_E_95th_E_A	4		67.1	72.8	-1.7	139.9	71.1	211.0
60	063 12.OG	12	235_E_95th_E_A	4		66.8	72.8	-1.7	139.6	71.1	210.7
60	063 13.OG	13	235_E_95th_E_A	4		66.6	72.8	-1.7	139.4	71.1	210.5
60	063 14.OG	14	235_E_95th_E_A	4		66.4	72.8	-1.7	139.2	71.1	210.3
60	063 15.OG	15	235_E_95th_E_A	4		66.3	72.8	-1.7	139.1	71.1	210.2
60	063 16.OG	16	235_E_95th_E_A	4		66.1	72.8	-1.7	138.9	71.1	210.0
60	063 17.OG	17	235_E_95th_E_A	4		66.0	72.8	-1.7	138.8	71.1	209.9
60	063 18.OG	18	235_E_95th_E_A	4		65.8	72.8	-1.7	138.6	71.1	209.7
60	063 19.OG	19	235_E_95th_E_A	4		65.7	72.8	-1.7	138.5	71.1	209.6
60	063 20.OG	20	235_E_95th_E_A	4		65.5	72.8	-1.7	138.3	71.1	209.4
60	063 21.OG	21	235_E_95th_E_A	4		65.3	72.8	-1.7	138.1	71.1	209.2
60	063 22.OG	22	235_E_95th_E_A	4		65.2	72.8	-1.7	138.0	71.1	209.1
60	063 23.OG	23	235_E_95th_E_A	4		65.0	72.8	-1.7	137.8	71.1	208.9
60	063 24.OG	24	235_E_95th_E_A	4		64.9	72.8	-1.7	137.7	71.1	208.8
60	063 25.OG	25	235_E_95th_E_A	4		64.8	72.8	-1.7	137.6	71.1	208.7
60	063 26.OG	26	235_E_95th_E_A	4		64.6	72.8	-1.7	137.4	71.1	208.5
60	063 27.OG	27	235_E_95th_E_A	4		64.6	72.8	-1.7	137.4	71.1	208.5
60	063 28.OG	28	235_E_95th_E_A	4		64.5	72.8	-1.7	137.3	71.1	208.4
60	063 29.OG	29	235_E_95th_E_A	4		64.4	72.8	-1.7	137.2	71.1	208.3
60	063 30.OG	30	235_E_95th_E_A	4		64.3	72.8	-1.7	137.1	71.1	208.2
60	063 31.OG	31	235_E_95th_E_A	4		64.2	72.8	-1.7	137.0	71.1	208.1
60	063 32.OG	32	235_E_95th_E_A	4		64.1	72.8	-1.7	136.9	71.1	208.0
60	063 33.OG	33	235_E_95th_E_A	4		64.0	72.8	-1.7	136.8	71.1	207.9
60	063 34.OG	34	235_E_95th_E_A	4		63.9	72.8	-1.7	136.7	71.1	207.8
60	063 35.OG	35	235_E_95th_E_A	4		63.8	72.8	-1.7	136.6	71.1	207.7
60	063 36.OG	36	235_E_95th_E_A	4		63.7	72.8	-1.7	136.5	71.1	207.6
60	063 37.OG	37	235_E_95th_E_A	4		63.6	72.8	-1.7	136.4	71.1	207.5
60	063 38.OG	38	235_E_95th_E_A	4		63.5	72.8	-1.7	136.3	71.1	207.4
61	064 01.OG	01	235_E_95th_E_B	4		66.1	72.8	-1.7	138.9	71.1	210.0
61	064 02.OG	02	235_E_95th_E_B	4		67.8	72.8	-1.7	140.6	71.1	211.7
61	064 03.OG	03	235_E_95th_E_B	4		68.4	72.8	-1.7	141.2	71.1	212.3
61	064 04.OG	04	235_E_95th_E_B	4		68.5	72.8	-1.7	141.3	71.1	212.4
61	064 05.OG	05	235_E_95th_E_B	4		68.4	72.8	-1.7	141.2	71.1	212.3
61	064 06.OG	06	235_E_95th_E_B	4		68.2	72.8	-1.7	141.0	71.1	212.1
61	064 07.OG	07	235_E_95th_E_B	4		67.9	72.8	-1.7	140.7	71.1	211.8
61	064 08.OG	08	235_E_95th_E_B	4		67.7	72.8	-1.7	140.5	71.1	211.6
61	064 09.OG	09	235_E_95th_E_B	4		67.4	72.8	-1.7	140.2	71.1	211.3
61	064 10.OG	10	235_E_95th_E_B	4		67.1	72.8	-1.7	139.9	71.1	211.0
61	064 11.OG	11	235_E_95th_E_B	4		66.8	72.8	-1.7	139.6	71.1	210.7
61	064 12.OG	12	235_E_95th_E_B	4		66.6	72.8	-1.7	139.4	71.1	210.5
61	064 13.OG	13	235_E_95th_E_B	4		66.4	72.8	-1.7	139.2	71.1	210.3
61	064 14.OG	14	235_E_95th_E_B	4		66.2	72.8	-1.7	139.0	71.1	210.1
61	064 15.OG	15	235_E_95th_E_B	4		66.0	72.8	-1.7	138.8	71.1	209.9
61	064 16.OG	16	235_E_95th_E_B	4							

Construction Noise Results - Construction Condition
ECF East 96th Street

64	067 05.OG	05	1918_1st_Ave_W_A	2		69.7	72.4	-2.1	142.1	70.3	212.4
64	067 06.OG	06	1918_1st_Ave_W_A	2		69.1	72.4	-2.1	141.5	70.3	211.8
64	067 07.OG	07	1918_1st_Ave_W_A	2		68.7	72.4	-2.1	141.1	70.3	211.4
64	067 08.OG	08	1918_1st_Ave_W_A	2		68.2	72.4	-2.1	140.6	70.3	210.9
64	067 09.OG	09	1918_1st_Ave_W_A	2		67.8	72.4	-2.1	140.2	70.3	210.5
64	067 10.OG	10	1918_1st_Ave_W_A	2		67.5	72.4	-2.1	139.9	70.3	210.2
64	067 11.OG	11	1918_1st_Ave_W_A	2		67.1	72.4	-2.1	139.5	70.3	209.8
64	067 12.OG	12	1918_1st_Ave_W_A	2		66.8	72.4	-2.1	139.2	70.3	209.5
64	067 13.OG	13	1918_1st_Ave_W_A	2		66.5	72.4	-2.1	138.9	70.3	209.2
64	067 14.OG	14	1918_1st_Ave_W_A	2		66.2	72.4	-2.1	138.6	70.3	208.9
64	067 15.OG	15	1918_1st_Ave_W_A	2		65.9	72.4	-2.1	138.3	70.3	208.6
64	067 16.OG	16	1918_1st_Ave_W_A	2		65.7	72.4	-2.1	138.1	70.3	208.4
64	067 17.OG	17	1918_1st_Ave_W_A	2		65.4	72.4	-2.1	137.8	70.3	208.1
65	068 01.OG	01	1918_1st_Ave_W_B	2		63.0	72.4	-2.1	135.4	70.3	205.7
65	068 02.OG	02	1918_1st_Ave_W_B	2		64.9	72.4	-2.1	137.3	70.3	207.6
65	068 03.OG	03	1918_1st_Ave_W_B	2		65.5	72.4	-2.1	137.9	70.3	208.2
65	068 04.OG	04	1918_1st_Ave_W_B	2		65.9	72.4	-2.1	138.3	70.3	208.6
65	068 05.OG	05	1918_1st_Ave_W_B	2		66.1	72.4	-2.1	138.5	70.3	208.8
65	068 06.OG	06	1918_1st_Ave_W_B	2		66.0	72.4	-2.1	138.4	70.3	208.7
65	068 07.OG	07	1918_1st_Ave_W_B	2		65.8	72.4	-2.1	138.2	70.3	208.5
65	068 08.OG	08	1918_1st_Ave_W_B	2		65.6	72.4	-2.1	138.0	70.3	208.3
65	068 09.OG	09	1918_1st_Ave_W_B	2		65.4	72.4	-2.1	137.8	70.3	208.1
65	068 10.OG	10	1918_1st_Ave_W_B	2		65.2	72.4	-2.1	137.6	70.3	207.9
65	068 11.OG	11	1918_1st_Ave_W_B	2		65.0	72.4	-2.1	137.4	70.3	207.7
65	068 12.OG	12	1918_1st_Ave_W_B	2		64.8	72.4	-2.1	137.2	70.3	207.5
65	068 13.OG	13	1918_1st_Ave_W_B	2		64.6	72.4	-2.1	137.0	70.3	207.3
65	068 14.OG	14	1918_1st_Ave_W_B	2		64.4	72.4	-2.1	136.8	70.3	207.1
65	068 15.OG	15	1918_1st_Ave_W_B	2		64.2	72.4	-2.1	136.6	70.3	206.9
65	068 16.OG	16	1918_1st_Ave_W_B	2		64.0	72.4	-2.1	136.4	70.3	206.7
65	068 17.OG	17	1918_1st_Ave_W_B	2		63.8	72.4	-2.1	136.2	70.3	206.5
66	069 01.OG	01	1918_1st_Ave_S	1		63.2	67.7	-1.9	130.9	65.8	196.7
66	069 02.OG	02	1918_1st_Ave_S	1		64.4	67.7	-1.9	132.1	65.8	197.9
66	069 03.OG	03	1918_1st_Ave_S	1		65.7	67.7	-1.9	133.4	65.8	199.2
66	069 04.OG	04	1918_1st_Ave_S	1		66.7	67.7	-1.9	134.4	65.8	200.2
66	069 05.OG	05	1918_1st_Ave_S	1		67.9	67.7	-1.9	135.6	65.8	201.4
66	069 06.OG	06	1918_1st_Ave_S	1		68.1	67.7	-1.9	135.8	65.8	201.6
66	069 07.OG	07	1918_1st_Ave_S	1		68.1	67.7	-1.9	135.8	65.8	201.6
66	069 08.OG	08	1918_1st_Ave_S	1		68.1	67.7	-1.9	135.8	65.8	201.6
66	069 09.OG	09	1918_1st_Ave_S	1		68.0	67.7	-1.9	135.7	65.8	201.5
66	069 10.OG	10	1918_1st_Ave_S	1		67.9	67.7	-1.9	135.6	65.8	201.4
66	069 11.OG	11	1918_1st_Ave_S	1		67.4	67.7	-1.9	135.1	65.8	200.9
66	069 12.OG	12	1918_1st_Ave_S	1		67.3	67.7	-1.9	135.0	65.8	200.8
66	069 13.OG	13	1918_1st_Ave_S	1		67.2	67.7	-1.9	134.9	65.8	200.7
66	069 14.OG	14	1918_1st_Ave_S	1		67.1	67.7	-1.9	134.8	65.8	200.6
66	069 15.OG	15	1918_1st_Ave_S	1		67.0	67.7	-1.9	134.7	65.8	200.5
66	069 16.OG	16	1918_1st_Ave_S	1		66.8	67.7	-1.9	134.5	65.8	200.3
66	069 17.OG	17	1918_1st_Ave_S	1		66.7	67.7	-1.9	134.4	65.8	200.2
67	070 01.OG	01	238_E_95th_E	4		72.1	72.8	-1.7	144.9	71.1	216.0
67	070 02.OG	02	238_E_95th_E	4		72.2	72.8	-1.7	145.0	71.1	216.1
67	070 03.OG	03	238_E_95th_E	4		71.6	72.8	-1.7	144.4	71.1	215.5
67	070 04.OG	04	238_E_95th_E	4		70.9	72.8	-1.7	143.7	71.1	214.8
67	070 05.OG	05	238_E_95th_E	4		70.3	72.8	-1.7	143.1	71.1	214.2
67	070 06.OG	06	238_E_95th_E	4		69.8	72.8	-1.7	142.6	71.1	213.7
67	070 07.OG	07	238_E_95th_E	4		69.3	72.8	-1.7	142.1	71.1	213.2
67	070 08.OG	08	238_E_95th_E	4		68.8	72.8	-1.7	141.6	71.1	212.7
67	070 09.OG	09	238_E_95th_E	4		68.4	72.8	-1.7	141.2	71.1	212.3
68	071 01.OG	01	1817_2nd_Ave_E	4		72.4	72.8	-1.7	145.2	71.1	216.3
68	071 02.OG	02	1817_2nd_Ave_E	4		72.4	72.8	-1.7	145.2	71.1	216.3
68	071 03.OG	03	1817_2nd_Ave_E	4		71.7	72.8	-1.7	144.5	71.1	215.6
68	071 04.OG	04	1817_2nd_Ave_E	4		71.0	72.8	-1.7	143.8	71.1	214.9
68	071 05.OG	05	1817_2nd_Ave_E	4		70.3	72.8	-1.7	143.1	71.1	214.2
69	072 01.OG	01	Coop_Tech	1		61.0	67.7	-1.9	128.7	65.8	194.5
69	072 02.OG	02	Coop_Tech	1		62.6	67.7	-1.9	130.3	65.8	196.1
70	073 01.OG	01	Coop_Tech	1		52.7	67.7	-1.9	120.4	65.8	186.2
71	074 01.OG	01	Coop_Tech	1		60.9	67.7	-1.9	128.6	65.8	194.4
72	075 01.OG	01	Coop_Tech	1		60.0	67.7	-1.9	127.7	65.8	193.5
72	075 01.OG	01	Coop_Tech	1		60.0	67.7	-1.9	127.7	65.8	193.5
73	076 01.OG	01	Coop_Tech	1		55.8	67.7	-1.9	123.5	65.8	189.3
74	077 01.OG	01	Coop_Tech	1		63.1	67.7	-1.9	130.8	65.8	196.6
75	078 01.OG	01	Coop_Tech	1		60.5	67.7	-1.9	128.2	65.8	194.0
75	078 02.OG	02	Coop_Tech	1		62.4	67.7	-1.9	130.1	65.8	195.9
76	079 01.OG	01	Coop_Tech	1		64.2	67.7	-1.9	131.9	65.8	197.7
76	079 02.OG	02	Coop_Tech	1		65.3	67.7	-1.9	133.0	65.8	198.8
77	080 01.OG	01	Coop_Tech	3		68.6	71.4	-1.1	140.0	70.3	210.3
77	080 02.OG	02	Coop_Tech	3		69.1	71.4	-1.1	140.5	70.3	210.8
78	081 01.OG	01	Coop_Tech	3		60.5	71.4	-1.1	131.9	70.3	202.2
78	081 02.OG	02	Coop_Tech	3		63.7	71.4	-1.1	135.1	70.3	205.4
79	082 01.OG	01	Coop_Tech	3		65.9	71.4	-1.1	137.3	70.3	207.6
79	082 02.OG	02	Coop_Tech	3		66.2	71.4	-1.1	137.6	70.3	207.9
80	083 01.OG	01	Coop_Tech	3		58.5	71.4	-1.1	129.9	70.3	200.2
80	083 02.OG	02	Coop_Tech	3		61.0	71.4	-1.1	132.4	70.3	202.7
81	084 01.OG	01	Coop_Tech	3		59.8	71.4	-1.1	131.2	70.3	201.5
81	084 02.OG	02	Coop_Tech	3		61.5	71.4	-1.1	132.9	70.3	203.2
82	085 01.OG	01	Coop_Tech	3		62.3	71.4	-1.1	133.7	70.3	204.0
82	085 02.OG	02	Coop_Tech	3		64.1	71.4	-1.1	135.5	70.3	205.8
83	086 01.OG	01	Coop_Tech	3		58.6	71.4	-1.1	130.0	70.3	200.3
83	086 02.OG	02	Coop_Tech	3		61.0	71.4	-1.1	132.4	70.3	202.7
83	086 03.OG	03	Coop_Tech	3		62.0	71.4	-1.1	133.4	70.3	203.7
83	086 04.OG	04	Coop_Tech	3		62.5	71.4	-1.1	133.9	70.3	204.2
84	087 01.OG	01	Coop_Tech	3		58.0	71.4	-1.1	129.4	70.3	199.7
84	087 02.OG	02	Coop_Tech	3		60.5	71.4	-1.1	131.9	70.3	202.2
84	087 03.OG	03	Coop_Tech	1		62.0	67.7	-1.9	129.7	65.8	195.5
84	087 04.OG	04	Coop_Tech	1		63.0	67.7	-1.9	130.7	65.8	196.5
85	088 01.OG	01	Coop_Tech	1		61.0	67.7	-1.9	128.7	65.8	194.5
85	088 02.OG	02	Coop_Tech	1		63.3	67.7	-1.9	131.0	65.8	196.8
85	088 03.OG	03	Coop_Tech	1		64.3	67.7	-1.9	132.0	65.8	197.8
85	088 04.OG	04	Coop_Tech	1		65.0	67.7	-1.9	132.7	65.8	198.5
86	089 01.OG	01	Coop_Tech	1		60.5	67.7	-1.9	128.2	65.8	194.0
86	089 02.OG	02	Coop_Tech	1		63.1	67.7	-1.9	130.8	65.8	196.6
86	089 03.OG	03	Coop_Tech	1		64.7	67.7	-1.9	132.4	65.8	198.2
86	089 04.OG	04	Coop_Tech	1		65.8	67.7	-1.9	133.5	65.8	199.3
87	090 01.OG	01	Coop_Tech	1		57.9	67.7	-1.9	125.6	65.8	191.4
87	090 02.OG	02	Coop_Tech	1		59.9	67.7	-1.9	127.6	65.8	193.4
88	091 01.OG	01	Coop_Tech	3		61.1	71.4	-1.1	132.5	70.3	202.8
88	091 02.OG	02	Coop_Tech	3		63.1	71.4	-1.1	134.5	70.3	204.8
89	092 01.OG	01	Coop_Tech	3		69.8	71.4	-1.1	141.2	70.3	211.5
89	092 02.OG	02	Coop_Tech	3		70.7	71.4	-1.1	142.1	70.3	212.4
90	093 01.OG	01	Coop_Tech	3		63.2	71.4	-1.1	134.6	70.3	204.9
90	093 02.OG	02	Coop_Tech	3		67.1	71.4	-1.1	138.5	70.3	208.8
91	094 01.OG	01	Coop_Tech	1		67.3	67.7	-1.9	135.0	65.8	200.8
91	094 02.OG	02	Coop_Tech	1		68.1	67.7	-1.9	135.8	65.8	201.6
92	095 01.OG	01	Coop_Tech	1		60.5	67.7	-1.9	128.2	65.8	194.0
92	095 02.OG	02	Coop_Tech	1		64.2	67.7	-1.9	131.9	65.8	197.7
93	096 01.OG	01	New_Residential	1							

ECF East 96th Street

93	096 28.OG	28	New_Residential	3
93	096 29.OG	29	New_Residential	3
93	096 30.OG	30	New_Residential	3
93	096 31.OG	31	New_Residential	3
93	096 32.OG	32	New_Residential	3
93	096 33.OG	33	New_Residential	3
93	096 34.OG	34	New_Residential	3
93	096 35.OG	35	New_Residential	3
93	096 36.OG	36	New_Residential	3
93	096 37.OG	37	New_Residential	3
93	096 38.OG	38	New_Residential	3
93	096 39.OG	39	New_Residential	1
93	096 40.OG	40	New_Residential	1
93	096 41.OG	41	New_Residential	1
93	096 42.OG	42	New_Residential	1
93	096 43.OG	43	New_Residential	1
93	096 44.OG	44	New_Residential	1
93	096 45.OG	45	New_Residential	3
93	096 46.OG	46	New_Residential	3
93	096 47.OG	47	New_Residential	3
93	096 48.OG	48	New_Residential	3
93	096 49.OG	49	New_Residential	3
93	096 50.OG	50	New_Residential	3
93	096 51.OG	51	New_Residential	3
93	096 52.OG	52	New_Residential	3
93	096 53.OG	53	New_Residential	3
93	096 54.OG	54	New_Residential	3
93	096 55.OG	55	New_Residential	3
93	096 56.OG	56	New_Residential	3
93	096 57.OG	57	New_Residential	3
93	096 58.OG	58	New_Residential	3
93	096 59.OG	59	New_Residential	3
93	096 60.OG	60	New_Residential	3
93	096 61.OG	61	New_Residential	3
93	096 62.OG	62	New_Residential	3
93	096 63.OG	63	New_Residential	3
93	096 64.OG	64	New_Residential	3
93	096 65.OG	65	New_Residential	3
93	096 66.OG	66	New_Residential	3
93	096 67.OG	67	New_Residential	3
93	096 68.OG	68	New_Residential	3
93	096 69.OG	69	New_Residential	3
93	096 70.OG	70	New_Residential	3
93	096 71.OG	71	New_Residential	3
93	096 72.OG	72	New_Residential	3
93	096 73.OG	73	New_Residential	3
93	096 74.OG	74	New_Residential	3
93	096 75.OG	75	New_Residential	3
94	097 01.OG	01	New_Residential	3
94	097 02.OG	02	New_Residential	3
94	097 03.OG	03	New_Residential	3
94	097 04.OG	04	New_Residential	3
94	097 05.OG	05	New_Residential	3
94	097 06.OG	06	New_Residential	3
94	097 07.OG	07	New_Residential	3
94	097 10.OG	10	New_Residential	3
94	097 11.OG	11	New_Residential	3
94	097 12.OG	12	New_Residential	3
94	097 13.OG	13	New_Residential	3
94	097 14.OG	14	New_Residential	3
94	097 15.OG	15	New_Residential	3
94	097 16.OG	16	New_Residential	3
94	097 17.OG	17	New_Residential	3
94	097 18.OG	18	New_Residential	3
94	097 19.OG	19	New_Residential	3
94	097 20.OG	20	New_Residential	3
94	097 21.OG	21	New_Residential	3
94	097 22.OG	22	New_Residential	3
94	097 23.OG	23	New_Residential	3
94	097 24.OG	24	New_Residential	3
94	097 25.OG	25	New_Residential	3
94	097 26.OG	26	New_Residential	3
94	097 27.OG	27	New_Residential	3
94	097 28.OG	28	New_Residential	3
94	097 29.OG	29	New_Residential	3
94	097 30.OG	30	New_Residential	3
94	097 31.OG	31	New_Residential	3
94	097 32.OG	32	New_Residential	3
94	097 33.OG	33	New_Residential	3
94	097 34.OG	34	New_Residential	3
94	097 35.OG	35	New_Residential	3
94	097 36.OG	36	New_Residential	3
94	097 37.OG	37	New_Residential	3
94	097 38.OG	38	New_Residential	3
94	097 39.OG	39	New_Residential	3
94	097 40.OG	40	New_Residential	3
94	097 41.OG	41	New_Residential	3
94	097 42.OG	42	New_Residential	3
94	097 43.OG	43	New_Residential	3
94	097 44.OG	44	New_Residential	3
94	097 45.OG	45	New_Residential	3
94	097 46.OG	46	New_Residential	3
94	097 47.OG	47	New_Residential	4
94	097 48.OG	48	New_Residential	4
94	097 49.OG	49	New_Residential	4
94	097 50.OG	50	New_Residential	4
94	097 51.OG	51	New_Residential	4
94	097 52.OG	52	New_Residential	4
94	097 53.OG	53	New_Residential	4
94	097 54.OG	54	New_Residential	4
94	097 55.OG	55	New_Residential	4
94	097 56.OG	56	New_Residential	4
94	097 57.OG	57	New_Residential	4
94	097 58.OG	58	New_Residential	4
94	097 59.OG	59	New_Residential	4
94	097 60.OG	60	New_Residential	4
94	097 61.OG	61	New_Residential	4
94	097 62.OG	62	New_Residential	4
94	097 63.OG	63	New_Residential	4
94	097 64.OG	64	New_Residential	4
94	097 65.OG	65	New_Residential	4
94	097 66.OG	66	New_Residential	4
94	097 67.OG	67	New_Residential	4
94	097 68.OG	68	New_Residential	4
94	097 69.OG	69	New_Residential	4
94	097 70.OG	70	New_Residential	4
94	097 71.OG	71	New_Residential	4
94	097 72.OG	72	New_Residential	4
94	097 73.OG	73	New_Residential	4
94	097 74.OG	74	New_Residential	4
94	097 75.OG	75	New_Residential	4
94	097 76.OG	76	New_Residential	4
94	097 77.OG	77	New_Residential	4
95	098 01.OG	01	Tech_School	4
95	098 02.OG	02	Tech_School	4
95	098 03.OG	03	Tech_School	4
95	098 04.OG	04	Tech_School	4
95	098 05.OG	05	Tech_School	4
95	098 06.OG	06	Tech_School	4
95	098 07.OG	07	Tech_School	4
95	098 08.OG	08	Tech_School	4
96	099 01.OG	01	Tech_School	4
96	099 02.OG	02	Tech_School	4
96	099 03.OG	03	Tech_School	4
96	099 04.OG	04	Tech_School	4
96	099 05.OG	05	Tech_School	4
96	099 06.OG	06	Tech_School	4
96	099 07.OG	07	Tech_School	4
96	099 08.OG	08	Tech_School	4
97	100 01.OG	01	Tech_School	4

Construction Noise Results - Construction Condition
ECF East 96th Street

97	100 02.OG	02	Tech_School	4
97	100 03.OG	03	Tech_School	4
97	100 04.OG	04	Tech_School	4
97	100 05.OG	05	Tech_School	4
97	100 06.OG	06	Tech_School	4
97	100 07.OG	07	Tech_School	4
97	100 08.OG	08	Tech_School	4
98	101 01.OG	01	New_Residential	4
98	101 02.OG	02	New_Residential	4
98	101 03.OG	03	New_Residential	4
98	101 04.OG	04	New_Residential	4
98	101 05.OG	05	New_Residential	4
98	101 06.OG	06	New_Residential	4
98	101 07.OG	07	New_Residential	4
98	101 08.OG	08	New_Residential	4
98	101 09.OG	09	New_Residential	4
98	101 10.OG	10	New_Residential	4
98	101 11.OG	11	New_Residential	4
98	101 12.OG	12	New_Residential	4
98	101 13.OG	13	New_Residential	4
98	101 14.OG	14	New_Residential	4
98	101 15.OG	15	New_Residential	4
98	101 16.OG	16	New_Residential	4
98	101 17.OG	17	New_Residential	4
98	101 18.OG	18	New_Residential	4
98	101 19.OG	19	New_Residential	4
98	101 20.OG	20	New_Residential	4
98	101 21.OG	21	New_Residential	4
98	101 22.OG	22	New_Residential	4
98	101 23.OG	23	New_Residential	4
98	101 24.OG	24	New_Residential	4
98	101 25.OG	25	New_Residential	4
98	101 26.OG	26	New_Residential	4
98	101 27.OG	27	New_Residential	4
98	101 28.OG	28	New_Residential	4
98	101 29.OG	29	New_Residential	1
98	101 30.OG	30	New_Residential	1
98	101 31.OG	31	New_Residential	1
98	101 32.OG	32	New_Residential	1
98	101 33.OG	33	New_Residential	1
98	101 34.OG	34	New_Residential	1
98	101 35.OG	35	New_Residential	1
98	101 36.OG	36	New_Residential	1
98	101 37.OG	37	New_Residential	1
98	101 38.OG	38	New_Residential	1
98	101 39.OG	39	New_Residential	1
98	101 40.OG	40	New_Residential	1
98	101 41.OG	41	New_Residential	1
98	101 42.OG	42	New_Residential	1
98	101 43.OG	43	New_Residential	1
98	101 44.OG	44	New_Residential	1
98	101 45.OG	45	New_Residential	1
98	101 46.OG	46	New_Residential	1
98	101 47.OG	47	New_Residential	1
98	101 48.OG	48	New_Residential	1
98	101 49.OG	49	New_Residential	1
98	101 50.OG	50	New_Residential	1
98	101 51.OG	51	New_Residential	1
98	101 52.OG	52	New_Residential	1
98	101 53.OG	53	New_Residential	1
98	101 54.OG	54	New_Residential	1
98	101 55.OG	55	New_Residential	1
98	101 56.OG	56	New_Residential	1
98	101 57.OG	57	New_Residential	1
98	101 58.OG	58	New_Residential	1
98	101 59.OG	59	New_Residential	1
98	101 60.OG	60	New_Residential	1
98	101 61.OG	61	New_Residential	1
98	101 62.OG	62	New_Residential	1
98	101 63.OG	63	New_Residential	1
98	101 64.OG	64	New_Residential	1
98	101 65.OG	65	New_Residential	1
98	101 66.OG	66	New_Residential	1
98	101 67.OG	67	New_Residential	1
98	101 68.OG	68	New_Residential	1
98	101 69.OG	69	New_Residential	1
98	101 70.OG	70	New_Residential	1
98	101 71.OG	71	New_Residential	1
98	101 72.OG	72	New_Residential	1
98	101 73.OG	73	New_Residential	1
98	101 74.OG	74	New_Residential	1
98	101 75.OG	75	New_Residential	1

APPENDIX D
WRP FLOOD ELEVATION WORKSHEETS

NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Worksheet

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	ECF East 96th Street [WRP # 17-067]
Location	Block 1668, Lot 1, in Manhattan Community District 11 (full block bounded by East 96th and 97th Streets and First and Second Avenues)
Type(s)	<input checked="" type="checkbox"/> Residential, Commercial, <input checked="" type="checkbox"/> Parkland, Open Space, and <input type="checkbox"/> Tidal Wetland Restoration <input type="checkbox"/> Critical Infrastructure or <input type="checkbox"/> Industrial Uses <input type="checkbox"/> Over-water Structures <input type="checkbox"/> Shoreline Structures <input type="checkbox"/> Transportation <input type="checkbox"/> Wastewater <input type="checkbox"/> Coastal Protection
Description	The co-applicants, the New York City Educational Construction Fund (ECF) and AvalonBay Communities, Inc. (AvalonBay), are seeking a rezoning and other actions to allow the construction of a mixed-use building, a replacement facility for an existing school, a new facility for the relocation of two existing neighborhood public high schools, and relocation of an existing jointly-operated playground on Block 1668, Lot 1, in the East Harlem neighborhood of Manhattan (Community District 11). The proposed project involves the construction of a mixed use tower on Second Avenue containing a 135,000-gross square foot (sf) public technical school—a replacement facility for the existing School of Cooperative Technical Education on the project
Planned Completion date	2018/2023 (2 phases)

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: March 16, 2017

Establish current tidal and flood heights.

	FT (NAVD88)	Feet	Datum	Source
MHHW	2.26	2.26	Station	QBB, https://tidesandcurrents.noaa.gov/datums.html?id=8518687
1% flood height	13.00	13.00	NAVD88	pFIRM -- eastern most part of project only. Rest is 12'
As relevant:				
0.2% flood height	-->		NAVD88	Unknown, not provided
MHW	1.93	1.93	Station	
MSL	-0.21	-0.21	Station	
MLLW	-2.61	-2.61	Station	

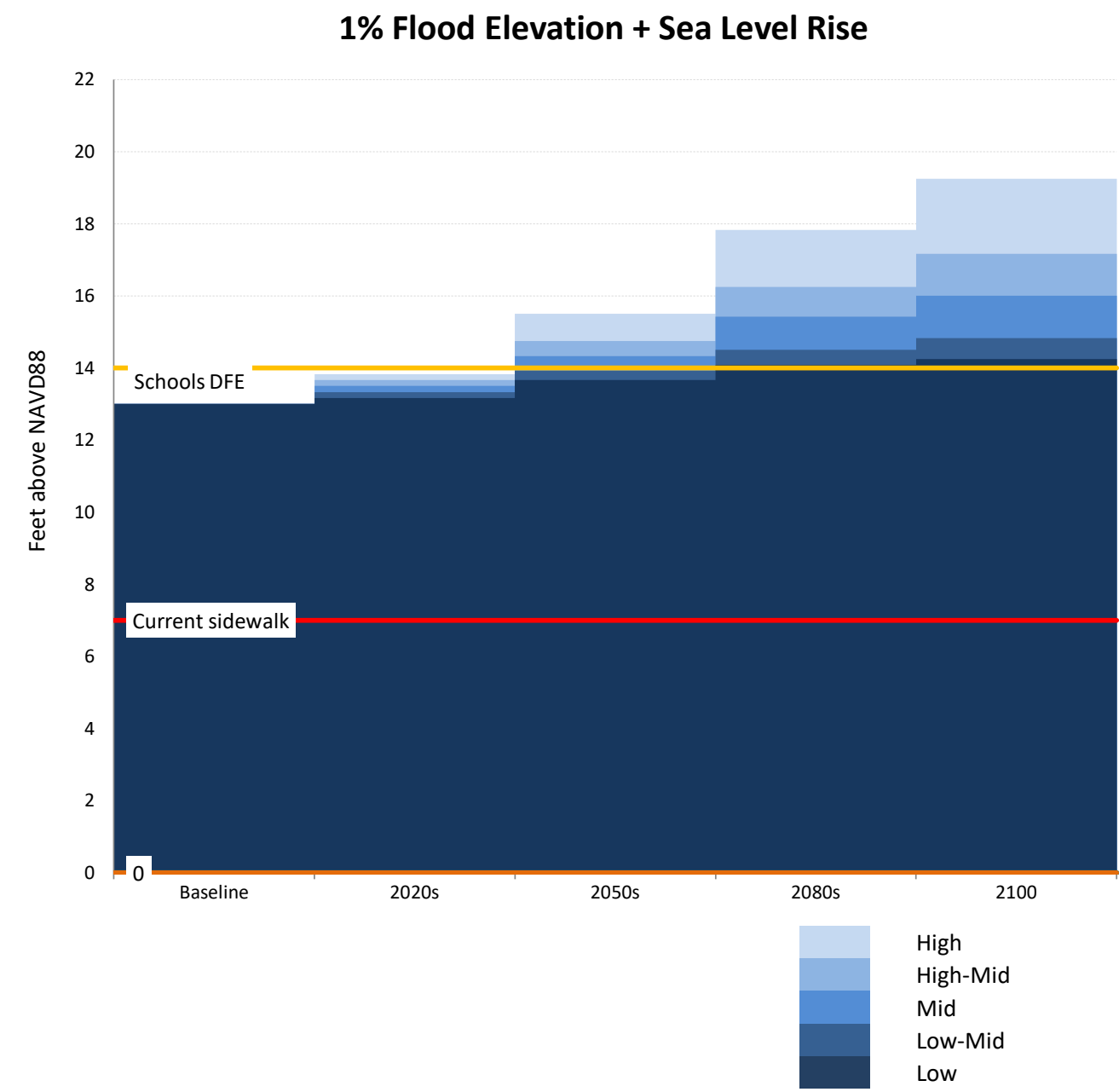
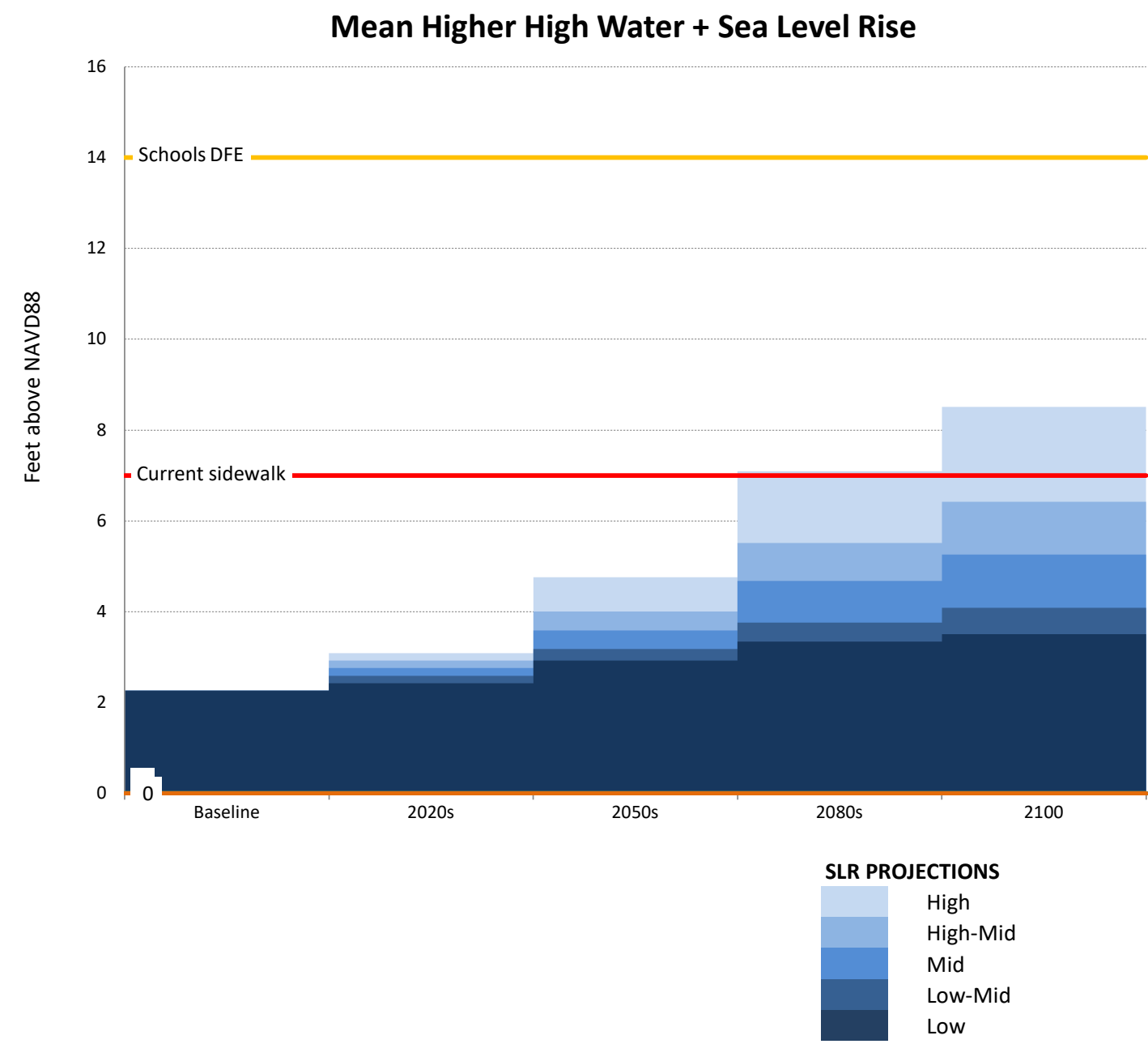
Data will be converted based on the following datums:

Datum	FT (NAVD88)	Feet	Datum	Source
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	-0.01	NAVD88	
MLLW	-->		NAVD88	

Describe key physical features of the project.

Feature <small>(enter name)</small>	Feature Category	Lifespan	Elevation	Units	Datum	Ft	Ft Above NAVD88	Ft Above MHHW	Ft Above 1% flood height	Ft Above 0.2% flood height
Current sidewalk	<input checked="" type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	7.0	Feet	NAVD88	7.0	7.0	4.7	-6.0	#VALUE!
Current ground level at First Ave. and 110' into E. 96th and 97th Streets. Project details are unknown										
Schools DFE	<input checked="" type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	14.0	Feet	NAVD88	14.0	14.0	11.7	1.0	#VALUE!
Deployable flood barrier and protection of critical infrastructure up to 19'.										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input checked="" type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										

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



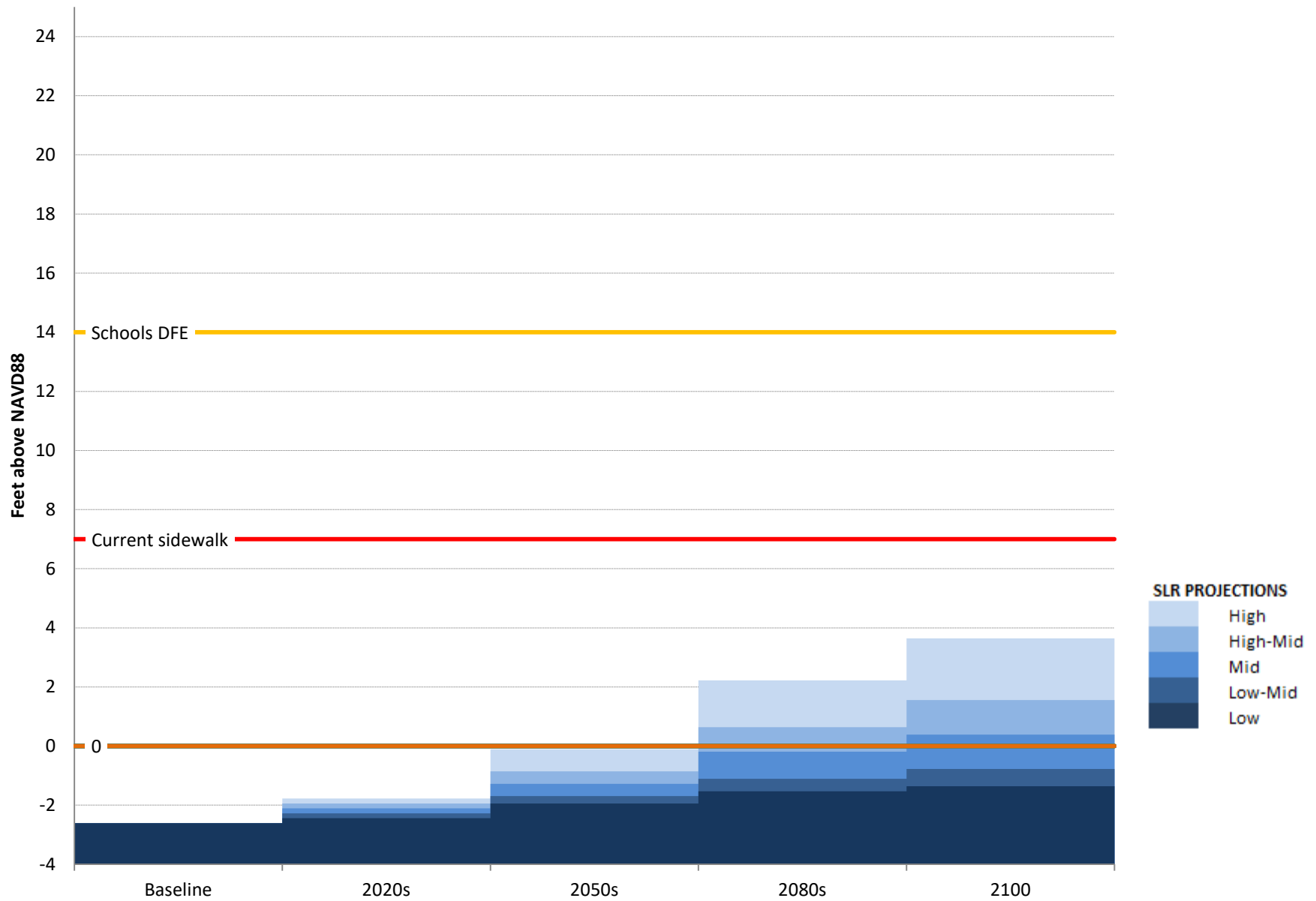
1%+SLR (ft above NAVD88) **MSL+SLR (ft above NAVD88)**

0.2%+SLR (ft above NAVD88)

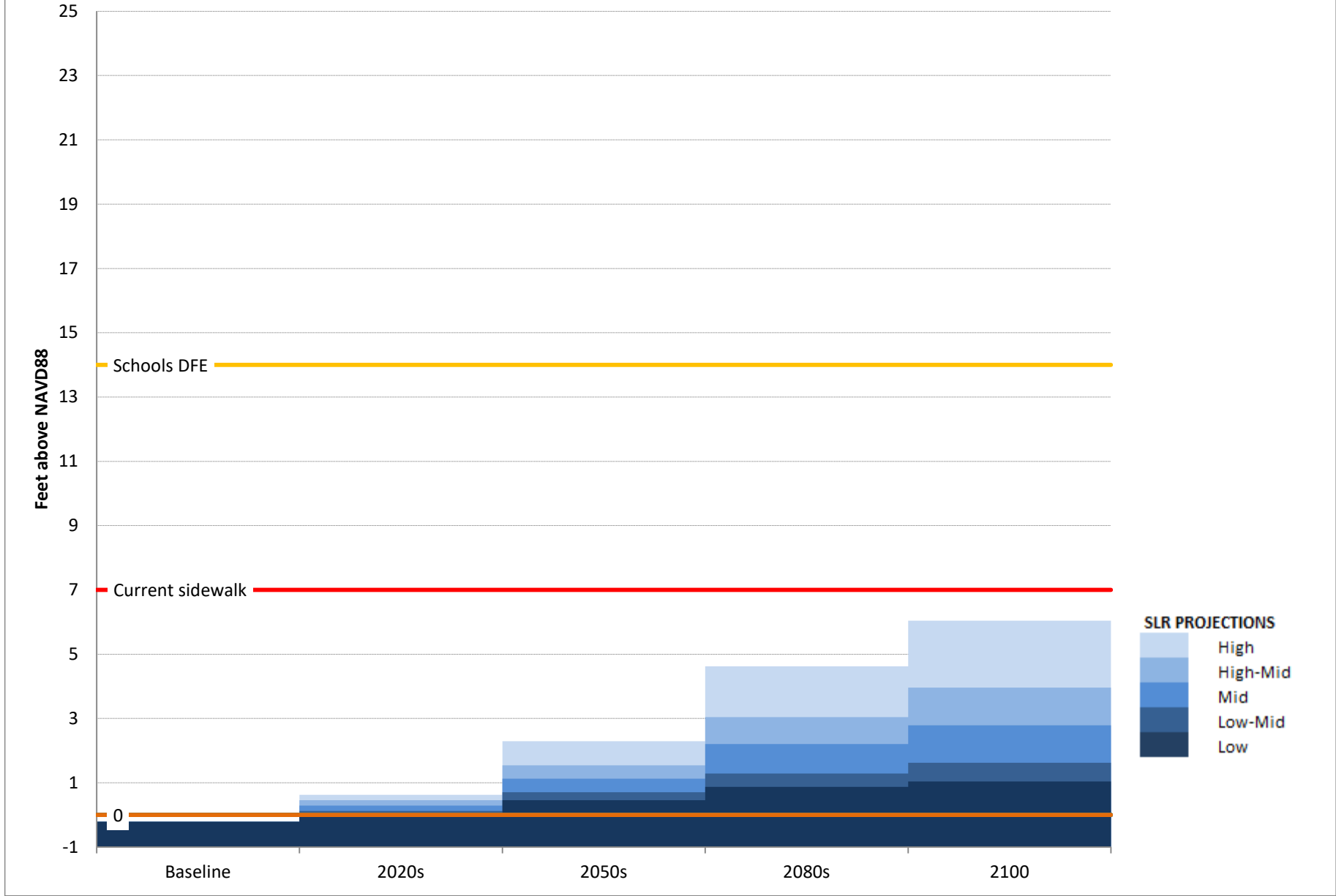
Baseline	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
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Current sidewalk	7	7
------------------	---	---

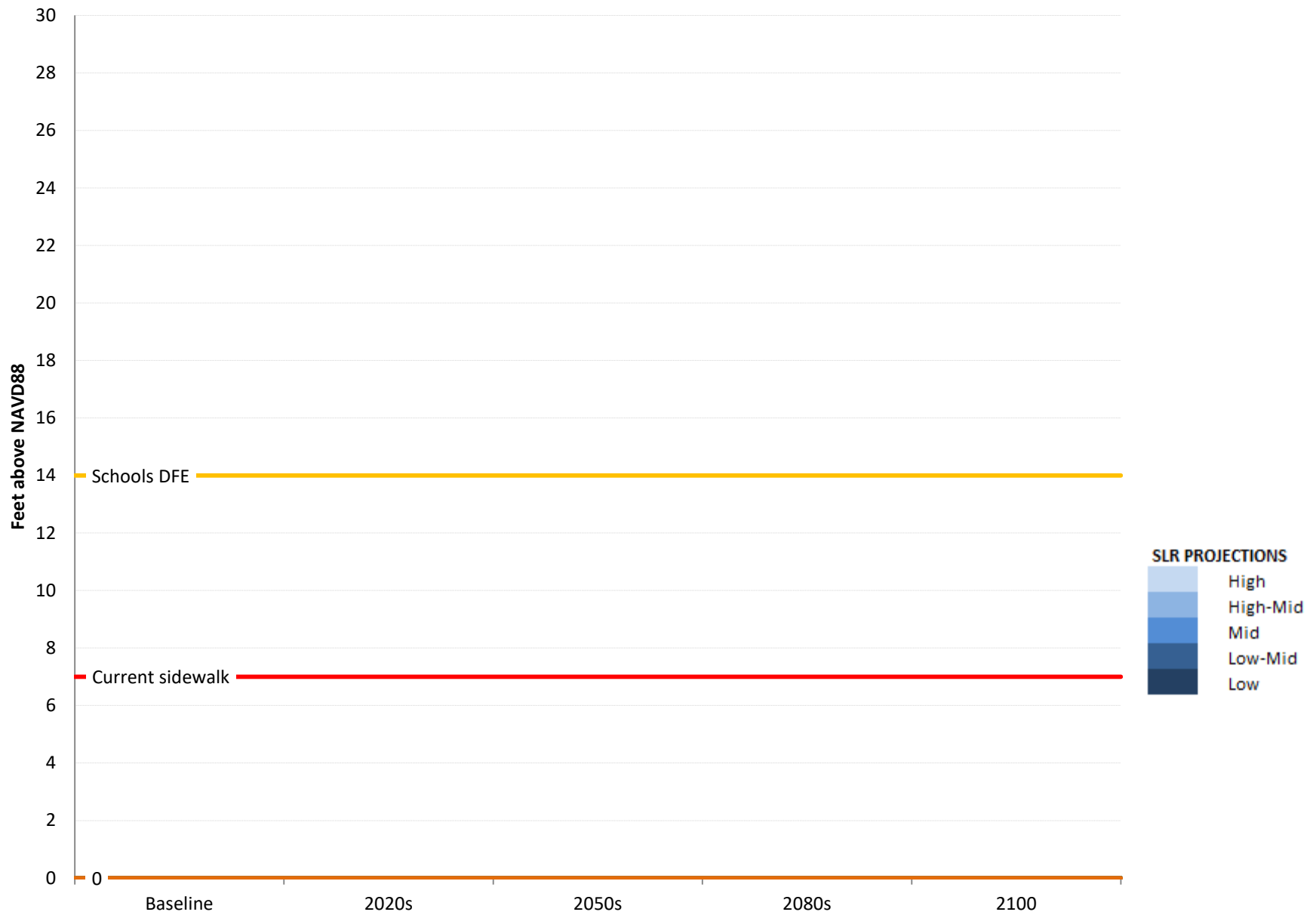
Mean Lower Low Water + Sea Level Rise



Mean Sea Level + Sea Level Rise



0.2% Flood Elevation + Sea Level Rise



NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Worksheet

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	ECF East 96th Street [WRP # 17-067]
Location	Block 1668, Lot 1, in Manhattan Community District 11 (full block bounded by East 96th and 97th Streets and First and Second Avenues)
Type(s)	<input checked="" type="checkbox"/> Residential, Commercial, <input checked="" type="checkbox"/> Parkland, Open Space, and <input type="checkbox"/> Tidal Wetland Restoration <input type="checkbox"/> Critical Infrastructure or <input type="checkbox"/> Industrial Uses <input type="checkbox"/> Over-water Structures <input type="checkbox"/> Shoreline Structures <input type="checkbox"/> Transportation <input type="checkbox"/> Wastewater <input type="checkbox"/> Coastal Protection
Description	The co-applicants, the New York City Educational Construction Fund (ECF) and AvalonBay Communities, Inc. (AvalonBay), are seeking a rezoning and other actions to allow the construction of a mixed-use building, a replacement facility for an existing school, a new facility for the relocation of two existing neighborhood public high schools, and relocation of an existing jointly-operated playground on Block 1668, Lot 1, in the East Harlem neighborhood of Manhattan (Community District 11). The proposed project involves the construction of a mixed use tower on Second Avenue containing a 135,000-gross square foot (sf) public technical school—a replacement facility for the existing School of Cooperative Technical Education on the project
Planned Completion date	2018/2023 (2 phases)

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: March 16, 2017

Establish current tidal and flood heights.

	FT (NAVD88)	Feet	Datum	Source
MHHW	2.26	2.26	Station	QBB, https://tidesandcurrents.noaa.gov/datums.html?id=8518687
1% flood height	12.00	12.00	NAVD88	pFIRM -- Western and central part of project only. Easter is 13'
As relevant:				
0.2% flood height	-->		NAVD88	Unknown, not provided
MHW	1.93	1.93	Station	
MSL	-0.21	-0.21	Station	
MLLW	-2.61	-2.61	Station	

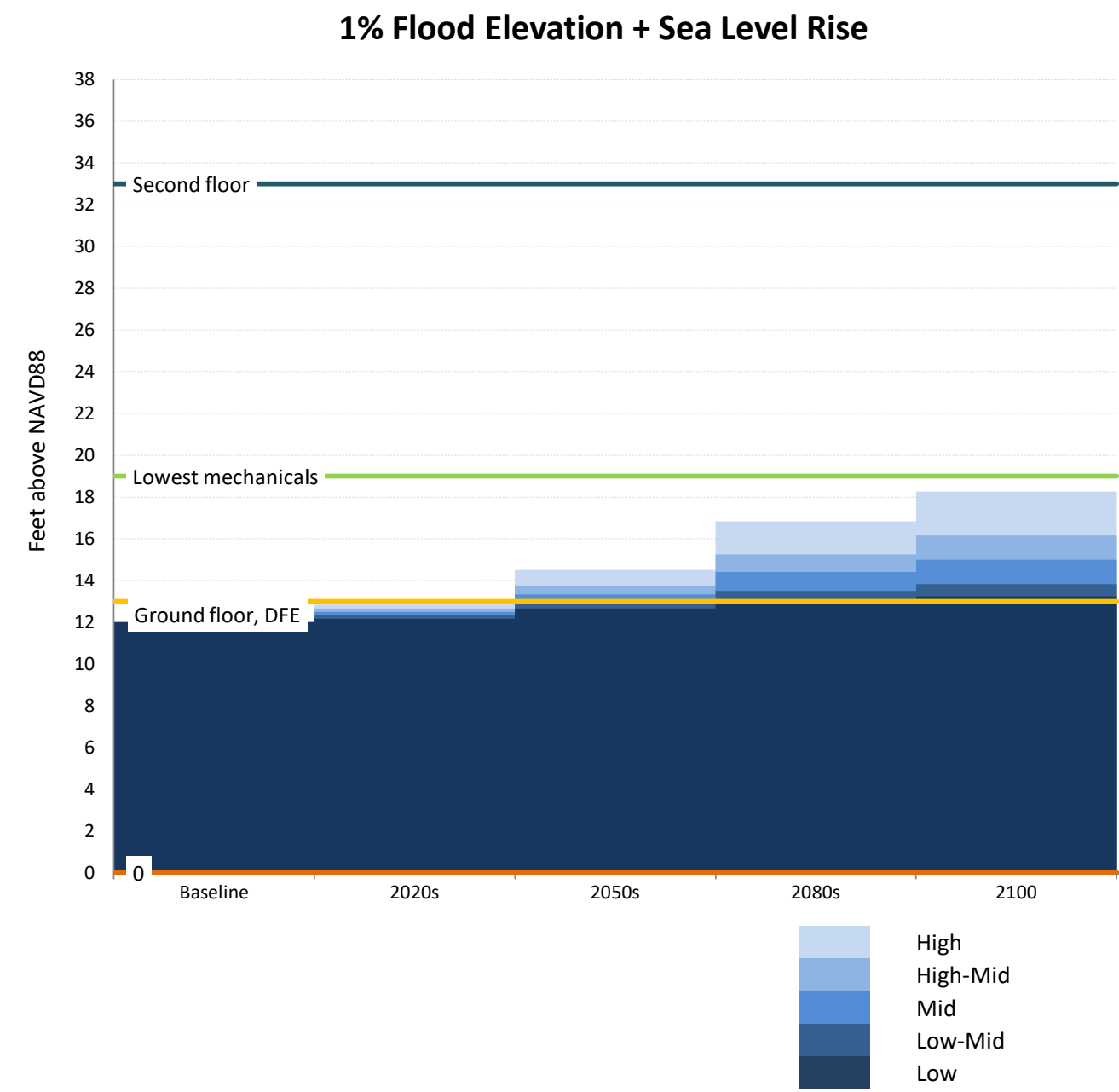
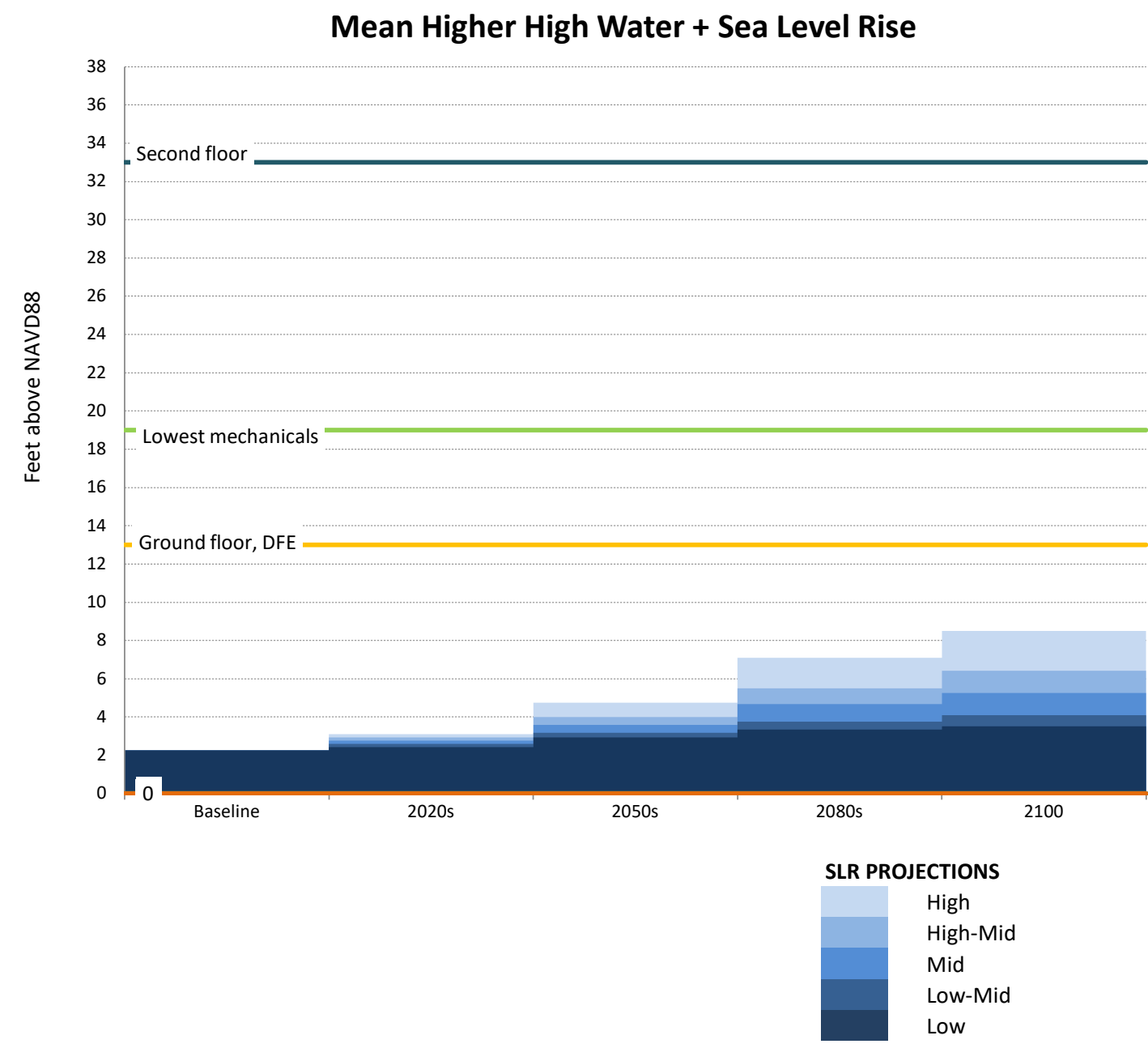
Data will be converted based on the following datums:

Datum	FT (NAVD88)	Feet	Datum	Source
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	-0.01	NAVD88	
MLLW	-->		NAVD88	

Describe key physical features of the project.

Feature <small>(enter name)</small>	Feature Category	Lifespan	Elevation	Units	Datum	Ft	Ft Above NAVD88	Ft Above MHHW	Ft Above 1% flood height	Ft Above 0.2% flood height
Subgrade	<input checked="" type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	-5.0	Feet	NAVD88	-5.0	-5.0	-7.3	-17.0	#VALUE!
Subgrade parking										
Ground floor, DFE	<input checked="" type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	13.0	Feet	NAVD88	13.0	13.0	10.7	1.0	#VALUE!
Residential lobby, commercial, school 1st floor. (Some mechanical, electric, plumbing, communication)										
Lowest mechanicals	<input type="checkbox"/> Vulnerable <input checked="" type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	19.0	Feet	NAVD88	19.0	19.0	16.7	7.0	#VALUE!
Mechanical, electric, plumbing, communications										
Second floor	<input type="checkbox"/> Vulnerable <input checked="" type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100	33.0	Feet	NAVD88	33.0	33.0	30.7	21.0	#VALUE!
Residential, water pump, fire pump, electrical switchgear, telecommunications										
	<input type="checkbox"/> Vulnerable <input checked="" type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other	100		Feet	NAVD88					
Emergency generator, Coop Tech mechanicals at 151' -- excluded from figures for scale										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										
	<input type="checkbox"/> Vulnerable <input type="checkbox"/> Critical <input type="checkbox"/> Potentially Hazardous <input type="checkbox"/> Other			Feet	NAVD88					
Description of Planned Uses and Materials										

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



	SLR (ft)						SLR (in)				
	Low	Low-Mid	Mid	High-Mid	High		Low	Low-Mid	Mid	High-Mid	High
Baseline	0.00	0.00	0.00	0.00	0.00	2014	0	0	0	0	0
2020s	0.17	0.33	0.50	0.67	0.83	2020s	2	4	6	8	10
2050s	0.67	0.92	1.33	1.75	2.50	2050s	8	11	16	21	30
2080s	1.08	1.50	2.42	3.25	4.83	2080s	13	18	29	39	58
2100	1.25	1.83	3.00	4.17	6.25	2100	15	22	36	50	75

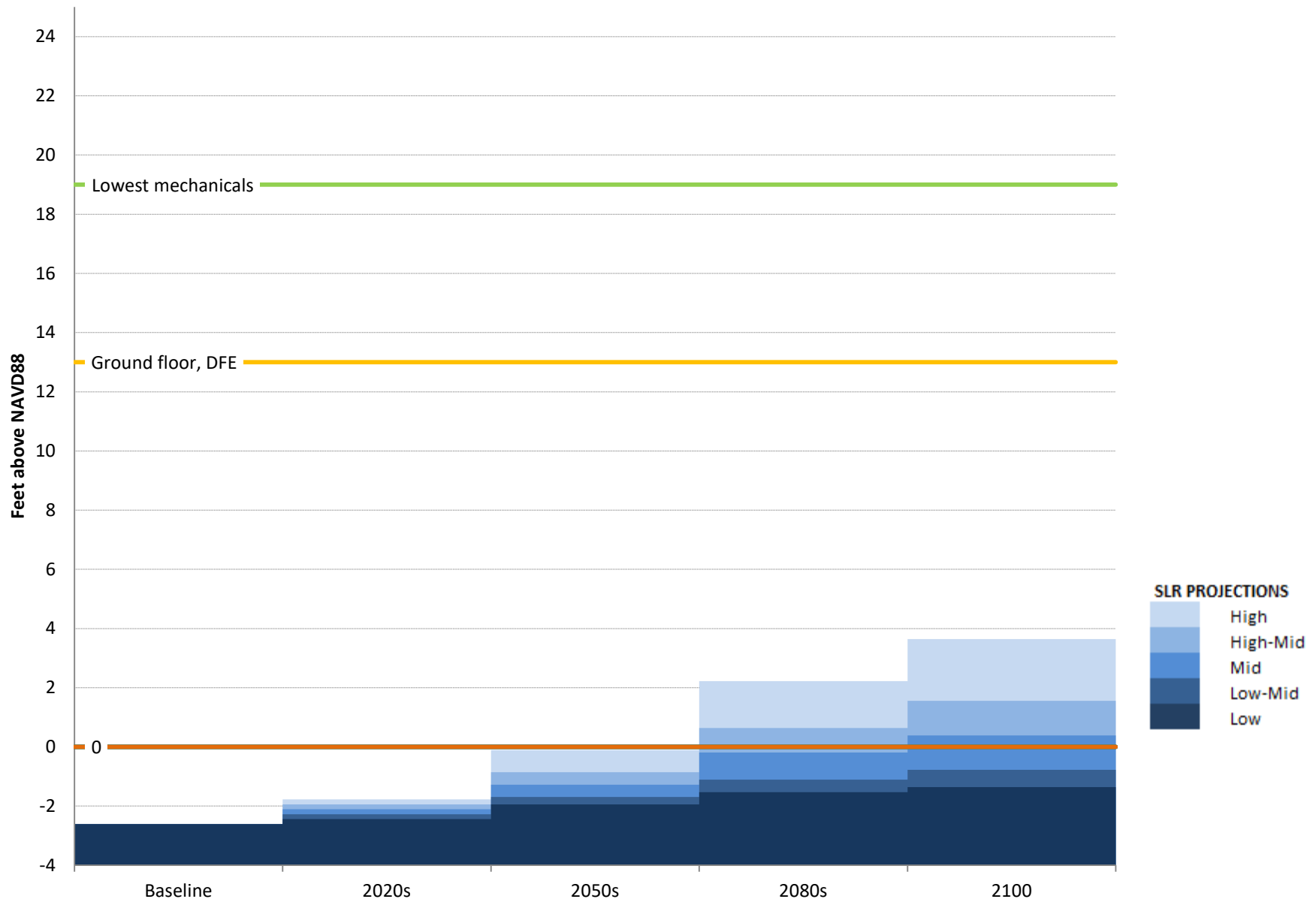
MHHW+SLR (ft above NAVD88)						MLLW+SLR (ft above NAVD88)					
	Low	Low-Mid	Mid	High-Mid	High		Low	Low-Mid	Mid	High-Mid	High
Baseline	2.26	2.26	2.26	2.26	2.26	Baseline	-2.61	-2.61	-2.61	-2.61	-2.61
2020s	2.43	2.59	2.76	2.93	3.09	2020s	-2.44	-2.28	-2.11	-1.94	-1.78
2050s	2.93	3.18	3.59	4.01	4.76	2050s	-1.94	-1.69	-1.28	-0.86	-0.11
2080s	3.34	3.76	4.68	5.51	7.09	2080s	-1.53	-1.11	-0.19	0.64	2.22
2100	3.51	4.09	5.26	6.43	8.51	2100	-1.36	-0.78	0.39	1.56	3.64

1%+SLR (ft above NAVD88)						MSL+SLR (ft above NAVD88)					
	Low	Low-Mid	Mid	High-Mid	High		Low	Low-Mid	Mid	High-Mid	High
Baseline	12.00	12.00	12.00	12.00	12.00	Baseline	-0.21	-0.21	-0.21	-0.21	-0.21
2020s	12.17	12.33	12.50	12.67	12.83	2020s	-0.04	0.12	0.29	0.46	0.62
2050s	12.67	12.92	13.33	13.75	14.50	2050s	0.46	0.71	1.12	1.54	2.29
2080s	13.08	13.50	14.42	15.25	16.83	2080s	0.87	1.29	2.21	3.04	4.62
2100	13.25	13.83	15.00	16.17	18.25	2100	1.04	1.62	2.79	3.96	6.04

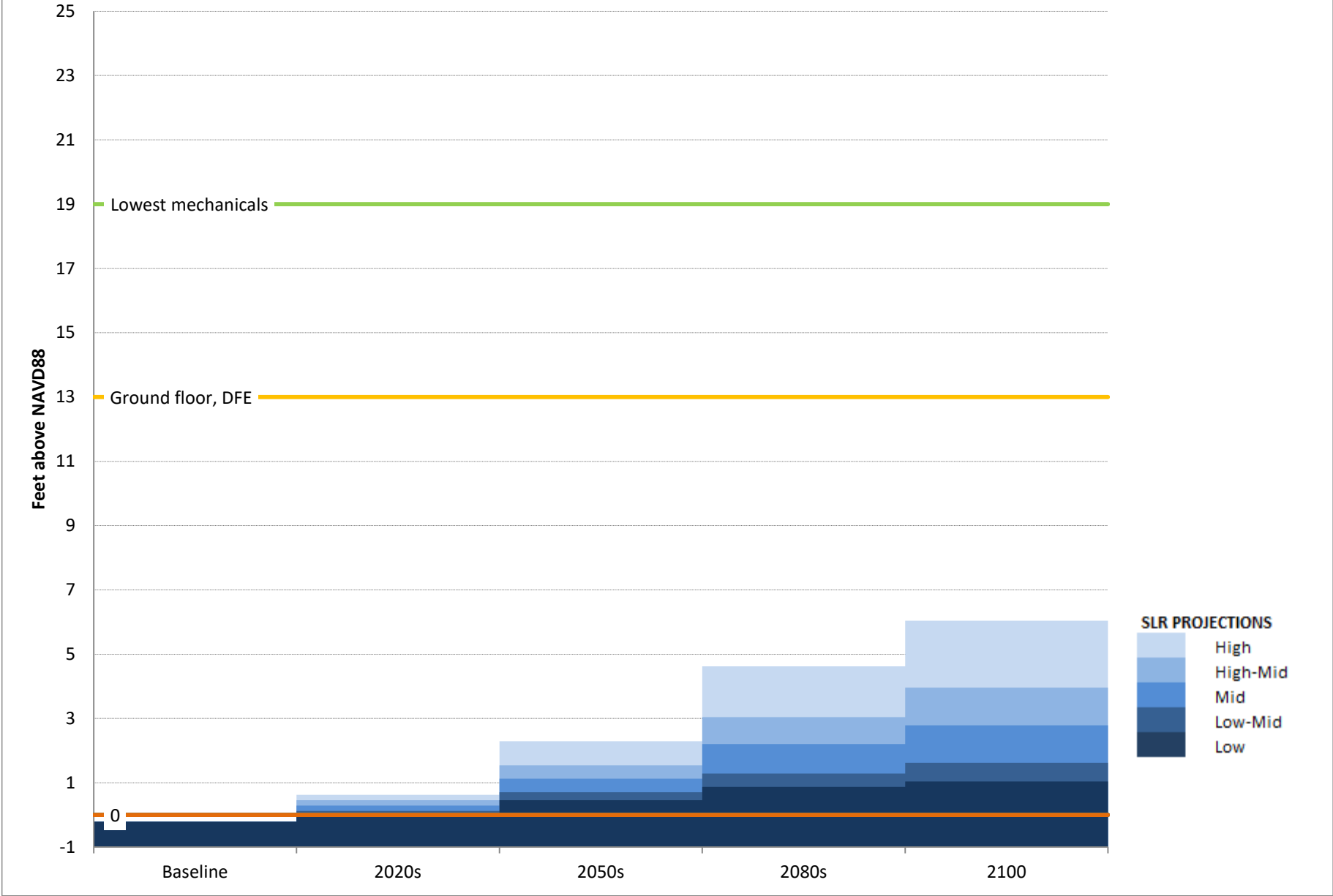
0.2%+SLR (ft above NAVD88)					
	Low	Low-Mid	Mid	High-Mid	High
Baseline	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2020s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2050s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2080s	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2100	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

	0	1
Subgrade	-5	-5
Ground floor, DFE	13	13
Lowest mechanicals	19	19
Second floor	33	33
0	0	0
0	0	0
0	0	0
0	0	0

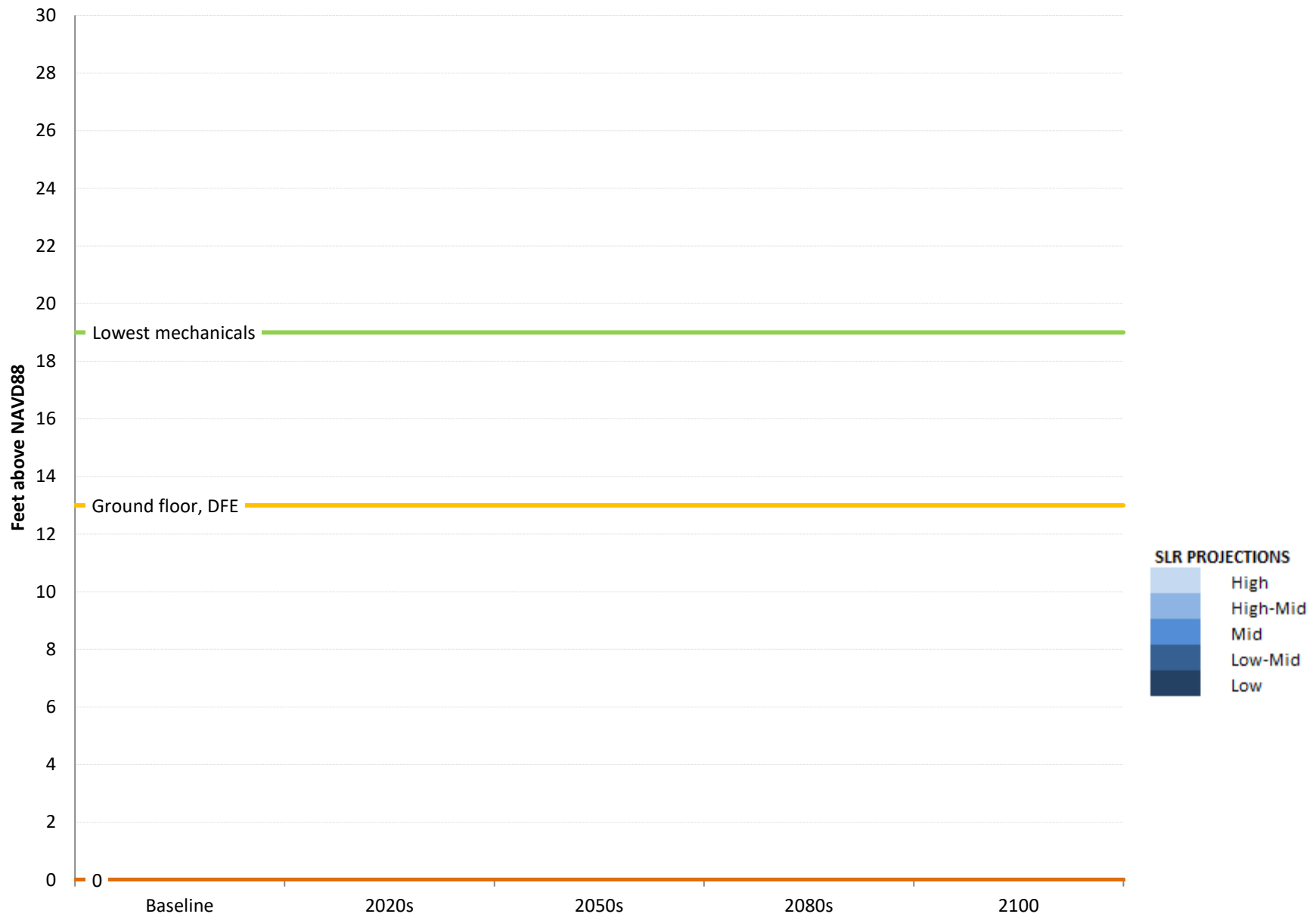
Mean Lower Low Water + Sea Level Rise



Mean Sea Level + Sea Level Rise



0.2% Flood Elevation + Sea Level Rise



APPENDIX E
CITY PLANNING COMMISSION RESPONSE

CITY PLANNING COMMISSION RESPONSE



ECF East 96th Street, Manhattan
City Planning Commission Response
June 1, 2017

CITY PLANNING COMMISSION RESPONSE

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Letter to Chair Lago and Commissioners

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- 2. School Construction Authority Design Requirements**
- 3. Schools Construction and Massing Analysis**
- 4. Comparison to other Mixed Use School and Residential Developments**
- 5. Shadow Impacts**
- 6. Structural Considerations**
- 7. Affordable Housing**
- 8. Marx Brothers Playground Zoning and Alienation**
- 9. Marx Brothers Playground Improvements**
- 10. Site Photos and Massing Renderings**



NYC
Educational
Construction
Fund

Commissioner Marisa Lago, Chair
New York City Planning Commission
120 Broadway
New York, New York 10271

Re: ECF East 96th Street, Block 1668, Lot 1, Manhattan
ULURP Nos. 170226 ZMM, 170227 ZRM, 170228 ZSM & 170229 ZSM

Dear Chair Lago:

This letter is submitted on behalf of the New York City Educational Construction Fund ("ECF") and AvalonBay Communities, Inc. ("AvalonBay"), the applicants for a zoning map amendment, zoning text amendments, special permits and certifications for the proposed mixed-use development at 96th Street and Second Avenue (the "Proposed Project").

We have prepared this letter to address the principal questions raised by members of the Commission at the May 10th public hearing. Attached to this letter are detailed supporting materials prepared by the project team to document the issues discussed herein.

1. Project Background and Objectives

In December, 2012, ECF released a request for proposal for a mixed-use residential and school building to replace the aging Co-Op Tech School on First Avenue between 96th and 97th Streets. After reviewing a number of proposals, in September 2013, ECF selected AvalonBay as the developer.

Subsequent to the selection of AvalonBay, there were several significant changes to the Proposed Project: first, ECF requested that the Proposed Project include additional affordable housing and comply with the mandatory inclusionary housing requirements then under review and now a part of the Zoning Resolution. Secondly, Council Speaker Melissa Mark-Viverito requested that the project be expanded to provide new facilities for two other high schools in her district-- Park East High School and the Heritage School. Thirdly, the Department of Parks & Recreation (DPR) requested that the Marx Brothers Playground be moved away from Second Avenue to the midblock where the playground use was better situated. As a result of these requests, the Proposed Project was revised to incorporate these additional elements.

The Proposed Project before the Commission will replace aging, outmoded and inadequate schools with three new, state-of-the-art high schools in East Harlem, provide between 330-360 permanently affordable units (30% of the units and a minimum of 25% of the floor area) at a variety of income levels and relocate and reconstruct the one and one-half acre Marx Brothers Playground. By utilizing the ability of ECF to issue tax

exempt bonds for the schools, the Proposed Project will provide these significant benefits to the East Harlem community and to the City without using any City monies.

2. The Three Existing High Schools Occupy Crowded and Out-Dated Facilities (Attachment 1)

Attachment 1 details the cramped learning environments, lack of amenities, and other sub-standard conditions in which the students at Co-Op Tech, Heritage School and Park East High School spend their school days.

Constructed in 1941 at a time when many of today's trades did not even exist, Co-Op Tech cannot meet the needs of students in today's economy. For example, there is only one shop each for auto, welding, electrical, carpentry and plumbing. The demand for its trade instruction far exceeds its capabilities and there are long waiting lists for admission to many of the programs. Among other inadequate conditions, the building lacks a common space to bring students and staff together to facilitate meetings, union presentations, industry events, various workshops, etc. and has only one computer/resource lab.

The two other East Harlem schools, Heritage School and Park East High School, are currently operating at 140% and 130%, respectively, of capacity. In addition to being significantly over-capacity, both Heritage and Park East suffer from under-sized classrooms and use converted facilities, such as locker rooms, nurse's office and departmental offices, as classrooms. At Heritage, the cafeteria also serves as the gymnasium, while at Park East, the cafeteria is used for art classes and the auditorium for physical education classes.

3. The Needs of these Schools Can Only be Met by New Buildings

The improvement and expansion of Career and Technical Education (CTE), such as Co-Op Tech, is a key priority of Chancellor Carmen G. Farina. The Department of Education (DOE) has worked with industry partners to design, implement and expand industry-aligned, knowledge-economy CTE programs that prepare students for both college and the workforce. The existing Co-Op Tech building is a reinforced concrete structure with block interior walls. This structure does not allow for the expansion of trade instruction through the enlargement of existing shops or the construction of new shop spaces.

As described in the preceding section, the two other East Harlem schools are in critical condition and there are no dedicated funds in the City's capital plan to assist them. The Heritage School shares its building with the Julia De Burgos Cultural Center, and cannot expand due to the use of the Cultural Center. It should also be noted that there has been significant community concern and pressure for the DOE to vacate the building so that the Cultural Center itself can expand. The use of the entire building by the Cultural Center is a strong priority for Speaker Mark-Viverito.

Providing additional space for the Park East High School in its current location is not feasible. There is no area on the site to enlarge the building's footprint to provide more seats or dedicated classrooms or provide any outdoor athletic space as will occur with the Proposed Project. The replacement of the existing building would necessitate the demolition of the existing building, forcing the school to close. There are no alternative sites to move the school population during the construction period.

While these two schools were not initially contemplated for the project, the needs of the East Harlem high school community for new, improved learning opportunities prompted the decision to include them in the Proposed Project. Additionally, as noted above, Speaker Mark-Viverito requested that these schools be included, as to provide greater equity and access for the East Harlem community.

4. SCA Design Requirements (Attachment 2)

The attached letter from Melanie La Rocca, Executive Director and Chief of Staff of the SCA, states that the SCA's preferred building height for new high schools is five stories. In facilities that house more than one school, a building may exceed a total height of five stories if efficiency is maintained and the travel distance for the students within each school is less than five floors.

5. Constructing a Residential Tower on First Avenue is not Feasible (Attachments 3 & 4)

The current design for the First Avenue school building is an eight-story structure with 135,000 square feet of floor area. Each school has its own entrance into a shared lobby (Heritage School enters from the north end of the Playground and Park East enters from 96th street to the south). The lower four floors are shared by the two schools and contain the large spaces such as a regulation-sized competition gymnasium, 450 seat auditorium and 5,000 square foot cafeteria along with the necessary support spaces. The top four floors are dedicated to the two schools with Heritage on floors 5 to 6 and Park East on floors 7 to 8 (each floor will have approximately ten classrooms). The current design has been developed in consultation with the SCA, complies with the SCA design guidelines and meets the efficiency requirements of the SCA.

In response to the questions raised by the Commission, Borough President Brewer and Community Board 11, the development team has studied the concept of lowering the height of the Second Avenue residential building by constructing a second residential tower above the First Avenue school building.

These studies, prepared by the project architect, Perkins Eastman, looked at three possible designs:

- Scheme A- Construct a residential tower over the First Avenue building as currently designed;
- Scheme B- Redesign the First Avenue building to accommodate a residential tower without expanding the footprint of the First Avenue Building; and
- Scheme C- Expand the footprint of the First Avenue Building.

The following is a summary of the conclusions of these studies (see the attached plans for the detailed analysis).

In Scheme A, the existing school program is shown to be in direct conflict with the residential use above. The placement of residential use on top of the proposed schools requires separate elevator and stairways for each use and significant penetrations through the schools for mechanical, electrical and plumbing infrastructure, trash and recycling chutes, structural columns and lateral shear walls. The result is a school building that does not meet SCA requirements in numerous areas, including: the auditorium, cafeteria, library six classrooms, four science labs, technology lab, two art rooms and the music classroom. In addition, the egress is not code compliant. Finally, due to the need to relocate much of the mechanical spaces serving the school, a separate mechanical floor is required, thereby increasing the height of the building by 16 feet.

Scheme B shows the failures to the schools' program and design that result from placing the residential tower above the schools. The analysis shows that the school building is no longer viable and would produce schools which do not satisfy SCA efficiency requirements with serious programmatic deficiencies. This plan could only accommodate a gymnasium with reduced safe areas (safe areas are the distance from the end line of the court to the wall-- the SCA requirement is 10 feet but in this option this is reduced to 7 feet) and the auditorium must be reduced from 450 seats to 300 seats (reduction of 2,500 sf). The support programs for these programs are also reduced in size and are no longer located adjacent to the space that they serve (for example, the girl's locker room would have to be moved two floors above the gymnasium). The need to share the ground floor with the residential uses means that some of the school uses must be relocated to other floors (for example, general receiving is on the 3rd floor). The inefficiency of this option, caused by the residential cores and shear walls penetrating the school floors, requires that the program for each school be spread above 5 floors. The top floor will now be 5 floors above the cafeteria and 9 floors above the gym. The addition of the ninth floor means that students in the Heritage School will have to travel more than five stories to get to the music classroom and auditorium on the 3rd floor, which exceeds the SCA design guidelines and policy as described in the attached SCA letter.

Scheme C attempts to address some of the issues found in Scheme B by expanding the footprint of the building by a 22.5 foot encroachment onto the Marx Brothers Playground, reducing the Playground's size by 4500 square feet. This encroachment will allow the school building to stay within the SCA-approved heights and maintain the key programmatic elements discussed above.

However, such expansion is not permitted under the statute creating ECF (the “ECF Act”)¹. The ECF Act provides that “. . . no such sale, lease or transfer of lands or rights therein or thereto is authorized where the development of a combined occupancy structure contemplates the erection of non-school facilities or improvements over an existing playground unless such combined occupancy structure to be constructed over such playground shall provide playground area at least equal in size to the then existing playground area.” (Emphasis added). Accordingly, ECF is obligated to provide a reconstructed Playground at least equal in size to that which existed at the start of construction—approximately, 64,000 square feet. By reducing the area of the Playground to approximately 59,500 square feet, this Scheme is not legally possible.

Despite this unequivocal prohibition on reducing the size of the Marx Brothers Playground, Perkins Eastman studied this option under the attached Scheme C. They concluded that, unlike Scheme A and B, the schools can fit in the proposed eight stories and the 450 seat auditorium and competition gymnasium can be accommodated. However, the building becomes more inefficient and some reduction to the size of non-student program is required (staff rooms, custodial, storage). The circulation throughout the school is impacted by the residential cores, creating unsupervised, blind corridors on several floors. Such spaces are a particular concern in a high school.

We are aware that there are recently constructed schools that have residential towers above the school portion—specifically, PS 59 and the High School of Art and Design on East 57th Street and the Spruce Street School on Beekman Street. As discussed in Attachment 4, however, there is no actual overlap of the schools and the residential portions at PS 59/Art and Design. With respect to the Spruce Street School, it is a PreK-8th grade facility with reduced program requirements (e.g., smaller auditoriums and gymnasiums) and a significantly larger footprint. These factors allow for a design with no overlap or conflict between the school and the residential tower above.

6. The Two-Tower Option will Increase Shadows on Stanley Isaacs Park, Marx Brothers Playground and the East River Esplanade (Attachment 5)

In conjunction with the design studies by Perkins Eastman, the environmental consultant for the Proposed Project, AKRF Inc., analyzed the shadows that would be cast on the Marx Brothers Playground and Stanley Isaacs Park by Scheme B. Under this scheme, the Second Avenue building is 465 feet (40 stories) and the First Avenue building has a total height of 480 feet with 10 school stories and 28 residential stories. These studies, which are attached as Attachment 5, concluded that compared to the Proposed Project, Scheme B² will cast more shadows on Stanley Isaacs Park in the summer when the utilization is highest (shadow coverage and duration is comparable in other seasons) and also have larger shadow coverage on the reconstructed Marx Brothers Playground in spring, summer and fall. Further, the increased height of the First Avenue building under Scheme B means that it will cast greater shadow coverage than the Proposed Project on the East River Esplanade in the late afternoon of the spring, summer and fall.

¹ The ECF Act is contained in Article 10 of the Education Law.

² Scheme B was chosen for the detailed shadow studies as representative of the shadow impacts of the three two- tower schemes.

7. Structural Considerations (Attachment 6)

In addition to the programmatic and design issues relating to a two-tower plan discussed above, there are different structural requirements which come into play if the school and residential uses overlap.

The New York City Building Code treats schools and residential buildings very differently when it comes to structural design requirements. Per table 1604.5 of the 2014 NYC Building code, "buildings and other structures containing an elementary/ secondary school" fall under Structural Occupancy/ Risk Category III. Residential Buildings, on the other hand, are Occupancy/ Risk Category II. Per Table 1604.5.2 of 2014 NYC Building code, the Wind Importance Factor (I) for Occupancy Category II and III are 1.00 and 1.15 respectively. Hence wind loads are factored up by 15% for Risk Category III buildings (i.e. school buildings). The structural design must therefore meet the more stringent structural design requirements for both the school and non-school portions once the two structures have been merged.

To evaluate the cost impacts of combining structures, the Proposed Project's structural engineer, DeSimone Consulting Engineers, analyzed a design with a 58-story structure on Second Avenue where the residential tower overlapped the Coop Tech school near the corner of 2nd Avenue and 97th Street (the cost estimates were prepared by Gilbane, Inc., a leading construction firm). There was not sufficient time to conduct a similar analysis for the two-tower alternative but the consultants have confirmed that the conclusions will apply and that the cost premium will be of a similar magnitude.

This study found that the more stringent structural requirements for the school increase the costs for both the foundations and the superstructure, requiring more robust foundation elements and thicker structural columns. The consultants estimated that this will result in an eight to ten percent increase in the costs of these two components—or approximately \$13,520,000 to \$17,570,000.

8. Affordable Housing (Attachment 7)

As discussed at the hearing, at the request of ECF, AvalonBay agreed to comply with the requirements of the Mandatory Inclusionary Housing Program. The application proposes a zoning text amendment to designate the project site as a Mandatory Inclusionary Housing Designated Area and to utilize Option 1. Option 1 requires that a minimum of 25% of the floor area must be occupied by low income households with an average household income not exceeding 60% of Area Median Income (AMI) as adjusted for family size and with at least 10% of the floor area occupied by households with incomes not exceeding 40% of AMI.

Based on an estimated development cost for the residential building of approximately \$637 million (excluding the retail space), the affordable housing will cost approximately \$178.4 million to construct. This analysis does not reflect the full cost of providing the affordable housing since it ignores the fact that the affordable housing has a negative cash flow. The average affordable unit will have approximately \$12,500 of annual revenue but will also incur around \$14,500 per unit in expenses (including rent payments under the ground lease with ECF), yielding an annual loss of roughly \$2,000 per unit.

Capitalized at a 5% return on investment, this equates to \$40,000 per affordable unit or approximately \$13,800,000 for 345 affordable units (assuming 1150 total units). Adding this amount to the construction costs produces a total investment in permanent affordable housing of approximately \$192.2 million.

9. Marx Brothers Playground is a Jointly-Operated Playground and Generates Zoning Floor Area (Attachment 8)

The Jointly Operated Playground (JOP) program is a cooperative relationship between DPR and the DOE. The JOP program is intended to increase economies of space use within the city by maximizing the use of limited space and eliminating duplicate facilities that will otherwise serve the school system and public separately. Under the program, the DOE acquires the space, which is then designed, constructed, and maintained by the DPR. The use of the JOP is generally restricted to educational school purposes during school hours, and is open to the public during non-school hours. The first JOP was completed in 1938 at Ft. Hamilton High School in Brooklyn. The City now has approximately 250 JOPs.

A 1940 Board of Estimate Resolution approved the acquisition of the entire block upon which the existing Co-Op Tech and Marx Brothers Playground are now located for the DOE for construction of a vocational high school and associated playground. As indicated in the enclosed DPR data card and map for the Marx Brothers Playground, title to the site vested in the City in 1941, and the Marx Brothers Playground was opened as a JOP on May 1, 1947. The DPR data card shows that jurisdiction over the playground lies with the Board of Education (DOE's predecessor). The City of New York internal real property management system identifies the playground as a "[vocational high school]/JOP playground" under the jurisdiction and management of the Department of Citywide Administrative Services and the DOE.

The Proposed Project will replace the existing Marx Brothers Playground in the middle of the block with an upgraded and renovated facility (see discussion below for more information on the proposed renovation) and upon completion will continue to be operated as a JOP. During construction, title will be held by ECF and upon completion, conveyed back to the City under the joint control of DOE and DPR. The deed back to the City will contain restrictions requiring that the land be permanently run as a JOP and that it not contain any structures other than a restroom/storage shed of limited size.

While, as described above, the Marx Brothers Playground has always been a JOP and not a park, in 2004 the MTA came to DPR to request to occupy temporarily a portion of the Second Avenue frontage of the Marx Brothers Playground for support facilities in connection with construction of the Second Avenue subway. Out of an abundance of caution, and perhaps under the mistaken belief that the Playground was parkland, the MTA sought alienation legislation to deem the Marx Brothers Playground not “parkland” for the period of the MTA’s use. The portion of the Playground subject to the 2004 alienation was about 0.5 acre (less than half of the area of the Playground), but there is language in the legislation referring to the entire facility. The 2004 legislation provided that upon the completion of construction “the lands shall continue to be used for park purposes.”

Although the Marx Brothers Playground is not and has never been parkland, the City and ECF have determined that in connection with the Proposed Project, it is prudent to obtain new legislation. Since the 2004 legislation referred to the entire Marx Brothers Playground, the proposed alienation statute (see Attachment 8) encompasses the entire Playground. The proposed legislation recognizes that the playground is not a public park as defined in the Zoning Resolution and requires that the alienated land be developed with recreational facilities equivalent in fair market value and usefulness to the existing Marx Brothers Playground.

We have discussed with the Department staff the status of the Playground under the Zoning Resolution and been advised that, as a JOP, it is not considered a “public park” under the Zoning Resolution. Further, we have confirmed with the Department that the Marx Brothers Playground has been located within designated zoning districts since the establishment of the 1961 Zoning Resolution. The current Zoning Map 6B, does not show a zoning designation due to a staff person’s mistaken “clean” up in a 1983 map update (see Attachment 9 for copies of these historical maps and a fuller explanation). Based on this information and conversations with the Department staff, we have included the Playground in the zoning lot for the Proposed Project and the Proposed Project utilizes floor area generated by its lot area.

10. The Proposed Project will Provide an Upgraded Marx Brothers Playground (Attachment 9)

One of the conditions on the MTA’s use of the western half of the Marx Brothers Playground for work associated with the construction of the Second Avenue Subway was that the MTA would restore such portion to a condition acceptable to DPR. As explained in the attached memorandum from Starr Whitehouse, the Proposed Project’s landscape architect, such restoration means the in-kind replacement of the facilities that had existed in 2004, and not an upgrade. Moreover, it would leave most of the playground as well as the artificial turf field and comfort station within the designated 100-year flood plain.

As part of the Proposed Project, AvalonBay and ECF will contribute approximately \$8 million for the renovation and upgrading of the Marx Brothers Playground. Among the proposed upgrades are a new artificial turf field, separate playgrounds for children ages 2 to 5 and 5 to 12, shaded picnic areas, better lighting and a renovated comfort station. In addition, the entire Playground will be elevated out of the 100-year floodplain.

As there are no funds in the City's capital budget for improvements to the Marx Brothers Playground, none of these enhancements will occur if the Proposed Project did not proceed.

11. The proposed height of the Second Avenue building is suitable for this location (Attachment 10).

The Draft Environmental Impact Statement (DEIS) thoroughly analyzed the impacts of the proposed building on the surrounding area in terms of visual impact, urban design and shadows. It acknowledged that the building will be taller than other buildings in the study area but noted the following factors which ameliorate any potential impacts from the building:

- The tower portion's location at the intersection of two wide streets— 96th Street and Second Avenue—is consistent with the generally taller buildings found on such streets.
- The sloping topography of the surrounding area lessens to some degree the impact of the building's height in east to west views.
- The building will not obstruct or eliminate views to the East River Esplanade, the East River bridges and the Queens waterfront or other visual landmarks in the area.
- The building will not block any view corridors.
- The shadow studies found that while there will be incremental shadows on certain sunlight-sensitive resources in the study area, those shadows are of limited duration and will not have a significant adverse impact on any resource.

The mixed-use school and residential building on Second Avenue was originally proposed to be 68 stories. In the course of discussions with the Borough President's Office, we agreed to study reducing the height by five stories while retaining the same square footage and number of affordable units. While design work is ongoing, we can confirm that it is our intent to lower the height and we will submit revised plans to the Department and the Commission reflecting the revised design. Attached for your information are updated renderings showing the revised 63-story building in the existing built context.

12. Conclusion

We submit that the Proposed Project is the only feasible option to provide the three desperately needed high schools, affordable housing and renovated Marx Brothers Playground. More specifically, it:

- Satisfies all programmatic requirements for the high schools;
- Does not reduce the size of the Marx Brothers Playground;
- Allows Co-Op Tech to operate without interruption until its new building is ready;
- Locates the Marx Brothers Playground away from heaving trafficked Second Avenue and between the two school buildings where it can best be used by the students;
- Enables the two schools on First Avenue to share common program areas (i.e. lobby, auditorium, gymnasium, cafeteria, building services, etc.), thereby providing efficiencies and cost savings;
- Minimizes any potential impacts to the surrounding community and the adjacent Metropolitan Hospital by locating the school buildings on opposite avenues. This arrangement dissipates the student population and limits unnecessary mixing of students and visitor confusion.

We further believe, for the reasons discussed above and in the DEIS, that the height of the Proposed Project will not unduly burden the surrounding neighborhood and is consistent with sound urban planning.

Thank you for your consideration of this important project.

Very truly yours,



Jennifer Maldonado
Executive Director

cc: City Planning Commissioner
Pernima Kapur
Anita Laremont, Esq.
Martin Piazzola, AvalonBay Communities, Inc,
Jon Vogel, AvalonBay Communities, Inc.
Kenneth Lowenstein, Holland & Knight LLP

Enc.

CITY PLANNING COMMISSION RESPONSE

Attachment 1. SCHOOL CONDITIONS, NEEDS AND UTILIZATION

CITY PLANNING COMMISSION RESPONSE

1. SCHOOLS CONDITION, NEEDS AND UTILIZATION

A. COOP Tech

- Coop Tech is unable to accept students in their high demand trades due to space limitations. For example:
 - The welding program has a significant waiting list as there is only one fully functioning space for students to work in. This high-demand course gives students industry certifications that are needed to become employable in the field.
 - There is only one active auto-shop where students get authentic hands-on learning experiences under the supervision of a licensed teacher. This program is in heavy demand and could significantly increase enrollment enabling more student work-based certifications.
- With more functional space for trade instruction, the school could significantly increase the number of students that become certified and obtain the skills and experience needed to obtain full-time employment.
- Shops do not have adequate classroom space for instruction.
- No common space to bring students/staff together to facilitate meetings, union presentations, industry events, various workshops, etc.
- School has one computer/resource lab that supports the entire school.
- Significant electrical power and ventilation issues.
- Cracks and buckled wall blocks in stairways.
- Significant team coil leaks, return pump and domestic pump leaks.

B. Heritage School

- The School has only 10 classrooms, occupies two floors and serves approximately 350 students.
 - Heritage utilizes 140% of its capacity.
 - In addition to the over usage of the building, classrooms are not full sized and can only support 20-25 students. The school cannot safely program 34 students in each class even though its budget is based on this calculation.
 - Major safety concerns.
 - One staircase for all students to travel to classes.
 - Approximately 200 students must safely navigate the 20 feet by 20 feet area on the third floor.
 - The cafeteria is used as a gym during periods 1, 2, 3, 7, 8, and 9.
2. Structurally, the cafeteria/gym has 3 large columns right of center that limit the physical activities for students. The columns are a major safety concern as students have frequently collided with those columns and suffered cuts, bruises, and lacerations.
- The School does not have a functioning cafeteria and lunches cannot be prepared on site. Instead, lunches and breakfast is delivered daily and placed in warmer until lunch periods.
 - School needs more electrical capacity, and new heating system.

CITY PLANNING COMMISSION RESPONSE

C. Park East

- Park East has 413 students currently enrolled.
- Building capacity 320—the school is at 130% of capacity.
- Of the 21 classrooms, 19 are designated as "half-size" classrooms and have a capacity of 15 or less. These "half-size" classrooms house the average class size of 20 to 25. This creates an unsafe condition in the majority of classrooms--in an emergency, evacuation of rooms that are overcrowded poses a serious safety concern.
- 7 of the classrooms were originally designed as offices or other dedicated spaces, but were converted into classrooms because of lack of space.
 - The girls' locker room was converted to a classroom and another classroom was divided into 2 classrooms.
 - The programmer's office, the nurse's office, and the English Department office were converted to classrooms.
- There are no separate instructional spaces. The cafeteria is used as an art classroom and the physical education classes are held in the auditorium.
- The issues related to space, specifically the number of teachers required to staff a larger number of small classrooms, result in significant budget shortfalls each year.
 - In other schools with a similar enrollment, 30 to 34 students are served in about 14 classrooms. At Park East, with the small classrooms, 20 to 25 students are served in 21 classrooms.
- There are significant roof leaks due to inferior roof drains and poor masonry.
- The waste system does not have re sufficient vacuum pumps and ejector pumps.
- There are failed bearings in the HVAC system.

CITY PLANNING COMMISSION RESPONSE

**Attachment 2. SCHOOL CONSTRUCTION AUTHORITY DESIGN
REQUIREMENTS**

See attached letter on the following pages



May 30, 2017

Melanie La Rocca
Executive Director &
Chief of Staff
mlarocca@nycsca.org

Marisa Lago
Chair
City Planning Commission
120 Broadway, 31 Floor
New York, NY 10271

Dear Chair Lago and Commissioners;

This letter is intended to serve as follow up on two questions raised by the Commission at its Wednesday, May 10 hearing regarding application numbers C 170226 ZMM, 43 N 170227 ZRM, 44 C 170228 ZSM, and 45 C 170229 ZSM, the Educational Construction Fund East 96 Street project.

As you may know, this project is a partnership between the Educational Construction Fund (ECF) and AvalonBay Communities. While the ECF is managing this project, the school components still adhere to standard guidelines established by the New York City School Construction Authority (SCA). The SCA is in support of this project.

School buildings must support the teaching and learning activities of a school community. One of the three key values to our new school designs is creating dynamic and vibrant learning environments through the use of natural light, human scale, and color.

We know that students move throughout a school by way of the stairs. A building's height should not be so great as to affect a student's ability to circulate through the building in a timely manner. As such, for new high school facilities, the SCA's preferred building heights are approximately five stories. This five-story standard is for the circulation of students between classes within each school. While we do have facilities that house more than one school and are taller than five stories, the programming of these facilities limits the circulation of each school to five stories. With respect to the School of Cooperative Technical Education (Coop Tech), the school does not operate within the tradition programming sense and therefore does not have students circulating from class to class.

As to building utilization, with respect to Park East High School and The Heritage School, the new school building which both organizations will share is planned to have collectively more seats than both schools currently enroll, allowing for flexibility in the future. Coop Tech, which is a unique educational program does not currently and will not have a utilization assigned to it. Students who participate in



programs offered at Coop Tech are assigned to their home school for utilization purposes. We do understand, though, that the increase in space being designed will add additional skill based workshops, thereby allowing more students to take these classes.

It is my hope that this information will be of help to you and your commissioners as this application continues to move forward in the land use process. Please do not hesitate to reach out with any additional questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Melanie La Rocca", written over a light blue horizontal line.

Melanie La Rocca

Executive Director and Chief of Staff



4. Preferred Building Heights

Stairs are the typical means by which students move through the building. The building height should not be so great as to impact the student's ability to circulate through the building in a timely manner. However, the smaller the building footprint, the more open outdoor area is available for recreation.

While constrained sites may dictate otherwise, typical building heights are as follows:

Early Childhood and Primary Schools: 4 stories

Intermediate Schools and High Schools: 5 stories

The approximate floor to floor height is to be set to 14'-0" to 14'-8", which is anticipated to maintain the ceiling heights at 10'-0". Actual floor to floor height to be determined based on brick coursing and MEP-structural coordination, which based on current chilled beam standards will typically be 14'-8". The height of the top story may need to be an additional 2'-0" to accommodate the large ductwork with bends coming from the rooftop mechanical equipment.

5. Structure

Like building organization, the structural system should be rational and logical. Extraordinary structural measures should be avoided as much as possible for design clarity, ease of construction and cost-effectiveness. Cantilevered column systems, using transfer beams or deep trusses to build over large column-free spaces should be considered only under unavoidable constraints.

6. Flexibility

As far as possible, designs should anticipate changes in use. A single building may need to accommodate several organizations one year and consolidate the next. Designs should anticipate rooms other than classrooms being pressed into service as such. Large common spaces should be designed for a variety of purposes so that they may be put to use throughout the school day.

PS/IS schools are designed to comply with IS standards for height and space requirements, and similarly IS/HS to HS standards, all in anticipation of future needs. Any authorized "unassigned spaces" included in a school design must be provided with HVAC and safety components as would be required for occupied spaces to allow flexibility for future use.

As suggested before, any schools with substantial outdoor space should, if possible, anticipate logical connections for a future addition.

7. Natural Light

Instructional rooms should have natural light; possible exceptions include computer-focused rooms and orchestra rooms. Typical classroom windows provide natural light and views to the outside, while clerestory windows will admit daylight deep into the rooms. Corridors should have natural light if at all possible, as this adds a measure of

CITY PLANNING COMMISSION RESPONSE

Attachment 3. SCHOOLS CONSTRUCTION AND MASSING ANALYSIS

CITY PLANNING COMMISSION RESPONSE

3. SCHOOLS CONSTRUCTION AND MASSING ANALYSIS

The current design of the Two High Schools is an 8 story building that meets the efficiency requirements of the SCA while maintaining the total required GSF of 135,000 sf. Each school has an entrance into a shared lobby, entrances to the schools are located off of the playground to the west and off of 96th street to the south. The lower 4 floors are occupied by the large spaces, competition gymnasium, 450 seat auditorium and 5,000 sf cafeteria and their support spaces. The top four floors are dedicated to the two schools. These are independent high schools and the programs are required to be separate, the current design has one school on floors 5 and 6 and the other school on floors 7 and 8.

The following provides an overview of massing scenarios analyzed in arriving at the current design. Each scheme is discussed with attention to fatal flaws below and depicted in detailed diagrams in *attachment TK*.

A. Scheme A

This option shows the impact of a residential tower over the currently designed High Schools. Areas indicated in red are program that are compromised by the residential program infrastructure shown in yellow including lobby areas , mechanical equipment rooms and service areas, residential circulation, elevator core and stairs, structural sheer walls of the residential on the school floors.

B. Scheme B

This option redesigns the school floors in an attempt to fit the school, with residential impacts identified in Option A, but keeping the original footprint of the school and the maximum total of 135,000. As shown in the diagrams the residential core coming through the school will require the program of the school to be reduced and the efficiency of the school no longer meets the SCA requirements. This plan can only accommodate a gymnasium with reduced safe areas behind each of the backstops and the auditorium must be reduced from 450 seats to 300 seats. The support programs for these programs are also reduced in size and no longer located adjacent to the space that they serve (example: the girls locker room is located 2 floors above the gym). Sharing the first floor with residential does not allow the schools required programs to be on the first floor, general receiving is on the 3rd floor as well as the utilities for the building, this adds cost and inefficiencies to the running of the school. The added residential protrusions on the upper floors adds a floor to the school (from 8-9 floors) and the two high schools have some spaces that are no longer separate from each other.

C. Scheme C

This option redesigns the school with residential above, and increases the footprint of the building by 22.5'. This increase in footprint will reduce the size of the Jointly Operated Playground (JOP) by 4,500 SF, which is not permitted. The school is 8 stories and can fit the 450 seat auditorium and competition gymnasium, but the building is more inefficient and some reduction to the size of non-student program is required (staff rooms, custodial, storage). To keep the schools separate from each other and maintain the 135,000 GSF, the

CITY PLANNING COMMISSION RESPONSE

library and art rooms are double height spaces. The circulation throughout the school is impacted by the residential cores and this creates unsupervised areas which is a safety concern in a high school.

See detailed diagrams depicting the scenarios from above on the following pages

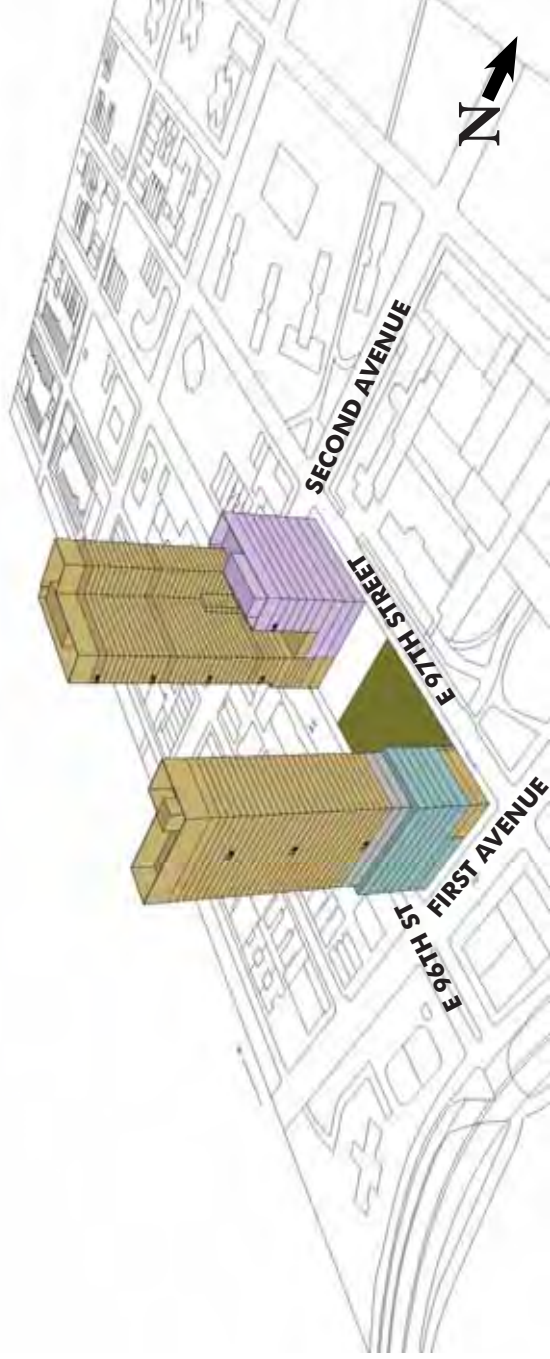
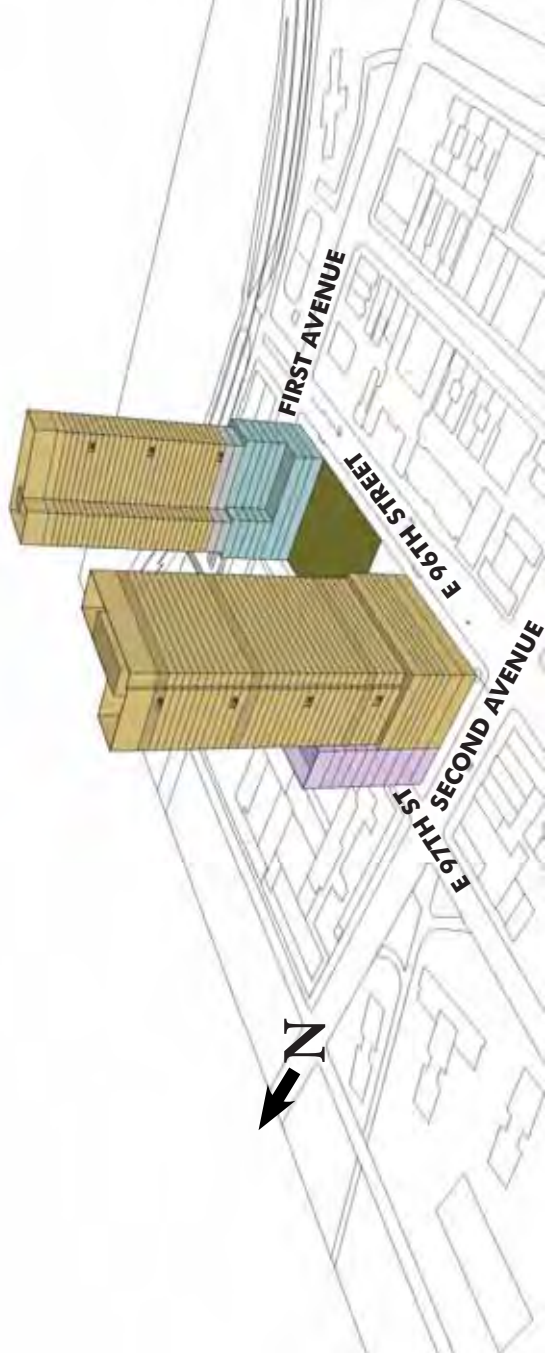
SCHEME A - CURRENT DESIGN WITH RESIDENTIAL ABOVE

HIGH SCHOOLS
8 STORIES

SCHEME A DESCRIPTION

In Scheme A, the existing school program is shown to be in direct conflict with the residential use above. The placement of residential use on top of the proposed schools requires separate elevators and stairways for each use and significant penetrations through the schools for mechanical, electrical and plumbing infrastructure, trash and recycling chutes, structural columns and lateral shear walls. The result is a school building that does not meet SCA requirements in numerous areas, including the auditorium, cafeteria, library six classrooms, four science labs, technology lab, two art rooms and the music classroom. In addition, the egress is not code compliant. Finally, due to the need to relocate much of the mechanical spaces serving the school, a separate mechanical floor is required, thereby increasing the height of the building by 16 feet.

ECF - 96TH STREET DEVELOPMENT
SCHEME A MASSING STUDIES



CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

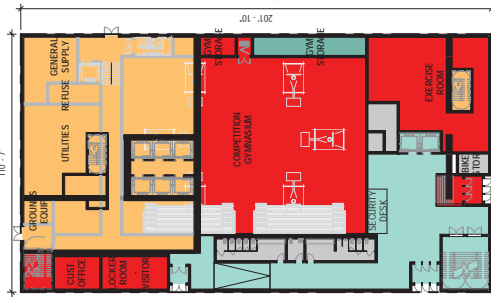
SCHEME A - CURRENT DESIGN

HIGH SCHOOLS WITH RESIDENTIAL ABOVE
8 STORES

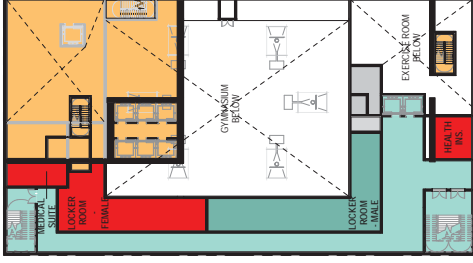
FAILURES - WITH RESIDENTIAL ABOVE

- SCA PROGRAM REQUIREMENTS ARE NOT MET FOR THE FOLLOWING SPACES;
450 SEAT AUDITORIUM AND STAGE
COMPETITION GYMNASIUM
AUXILIARY EXERCISE ROOM
CAFETERIA
KITCHEN AND SERVICE ELEVATOR
- EGRESS IS NON-COMPLIANT

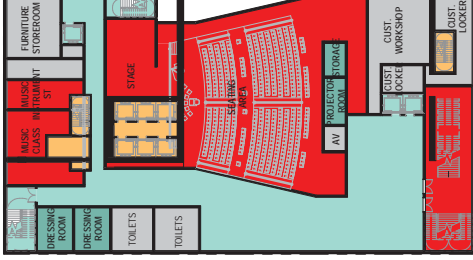
97TH STREET
100' 7"



FIRST FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

ECF - 96TH STREET DEVELOPMENT

NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND

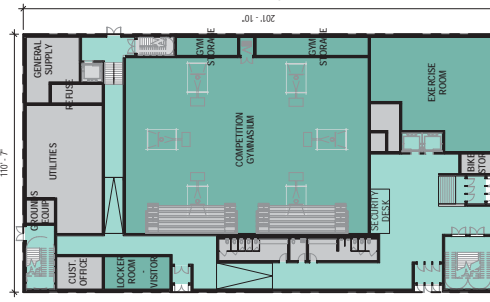
- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- MECHANICAL
- RESIDENTIAL
- NON-COMPLIANT

CURRENT DESIGN

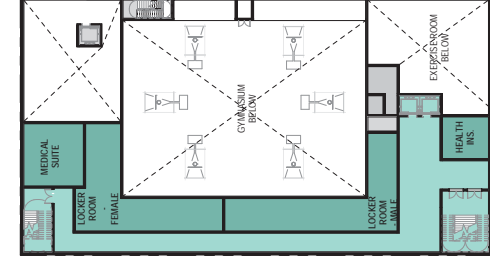
8 STORES

- MEETS SCA PROGRAM REQUIREMENTS; BOTH ON FLOOR AREA AND REQUIRED ADJACENCIES
- PROJECT MEETS SCA NET/GROSS EFFICIENCY AT 39%
- EACH SCHOOL'S DEDICATED PROGRAM SPACES ARE LIMITED TO 2 FLOORS, MINIMIZING STUDENT TRAVEL DISTANCES.
- SAFETY AND SECURITY:
 - EACH HIGH SCHOOL IS ISOLATED FROM THE OTHER. ONLY SHARED PROGRAM SPACES SHARE CIRCULATION.
 - UNSUPERVISED BLIND CORRIDORS DO NOT EXIST
- LOBBY AND FIRST FLOOR ENTRANCES AND EXITS MEET SCA REQUIREMENTS:
 - MAIN LOBBY ON 96TH STREET WITH 1 ENTRANCE FROM THE STREET AND 1 ENTRANCE FROM THE JOP. 1 SECURITY CHECKPOINT
 - 2ND STUDENT ENTRANCE (FOR STUDENTS COMING FROM THE NORTH), ACCESSED VIA THE PARK.
 - SERVICE ENTRY/EXIT ON 1ST AVENUE

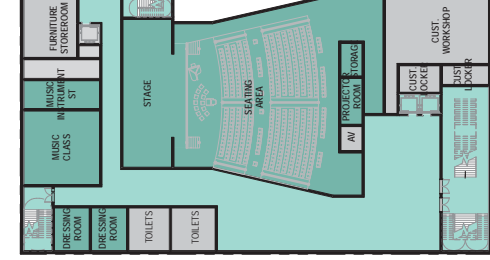
97TH STREET
100' 7"



FIRST FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

ECF - 96TH STREET DEVELOPMENT

HIGH SCHOOLS WITH RESIDENTIAL ABOVE 8 STORIES

FAILURES - WITH RESIDENTIAL ABOVE

- **SCA PROGRAM REQUIREMENTS ARE NOT MET FOR THE FOLLOWING SPACES;**

LIBRARY

TECHNOLOGY LAB

6 HIGH SCHOOL CLASSROOMS

4 SCIENCE LABS

2 ART ROOMS:

MUSIC CLASSROOM

2 PARENT COMMUNITY ROOMS

2 STAFF DINING ROOMS

MEDICAL SUITE

2 LOCKER ROOMS

2 OFFICES

5 STORAGE ROOMS

3 UTILITY SPACES

- **EGRESS IS NON-COMPLIANT**

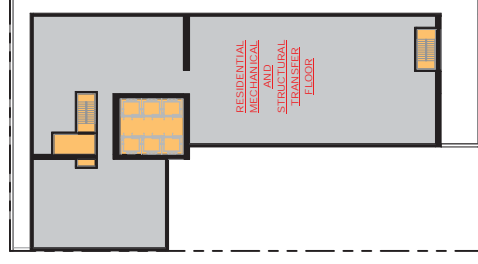
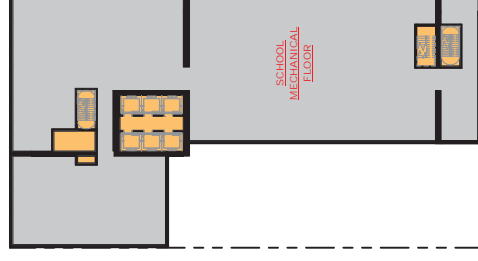
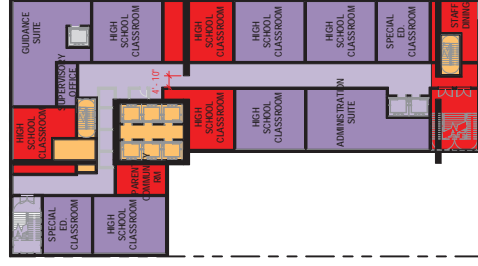
CURRENT DESIGN

8 STORIES



- NON-COMPLIANT**
RESIDENTIAL
SHARED HIGH SCHOOL PROGRAM
HERITAGE HIGH SCHOOL
PARK EAST HIGH SCHOOL

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS



TYPICAL 5TH AND 8TH FLOORS

TYPICAL 6TH AND 7TH FLOORS

TENTH FLOOR PLAN

NINTH FLOOR PLAN

NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND

- LEGEND**
- | | | | | | |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-------------|
| | PARK EAST HIGH SCHOOL | | SHARED HIGH SCHOOL PROGRAM | | MECHANICAL |
| | HERITAGE HIGH SCHOOL | | NON-COMPLIANT | | RESIDENTIAL |



TYPICAL 5TH AND 8TH FLOORS

TYPICAL 6TH AND 7TH FLOORS

RESIDENTIAL
MECHANICAL AND
STRUCTURAL
TRANSFER FLOOR
NOT REQUIRED

SCHOOL
MECHANICAL
FLOOR
NOT REQUIRED

Perkins Eastman

SCHEME A - CURRENT DESIGN

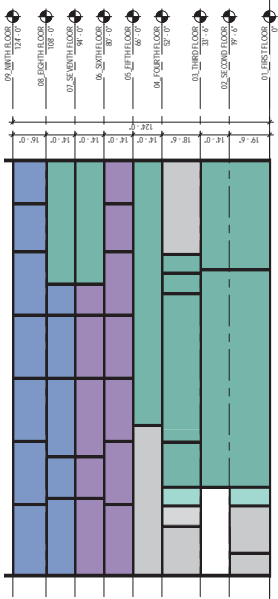
HIGH SCHOOLS WITH RESIDENTIAL ABOVE
8 STORIES

ECF - 96TH STREET DEVELOPMENT

FAILURES IN SUMMARY

- SCA PROGRAM REQUIREMENTS ARE NOT MET FOR THE FOLLOWING SPACES;
 - 450 SEAT AUDITORIUM AND STAGE**
 - COMPETITION GYMNASIUM**
 - AUXILIARY EXERCISE ROOM**
 - CAFETERIA**
 - KITCHEN AND SERVICE ELEVATOR LIBRARY**
 - TECHNOLOGY LAB**
 - 6 HIGH SCHOOL CLASSROOMS**
 - 4 SCIENCE LABS**
 - 2 ART ROOMS**
 - MUSIC CLASSROOM**
 - 2 PARENT COMMUNITY ROOMS
 - 2 STAFF DINING ROOMS
 - MEDICAL SUITE
 - 2 LOCKER ROOMS
 - 2 OFFICES
 - 5 STORAGE ROOMS
 - 3 UTILITY SPACES

- **EGRESS IS NON-COMPLIANT**

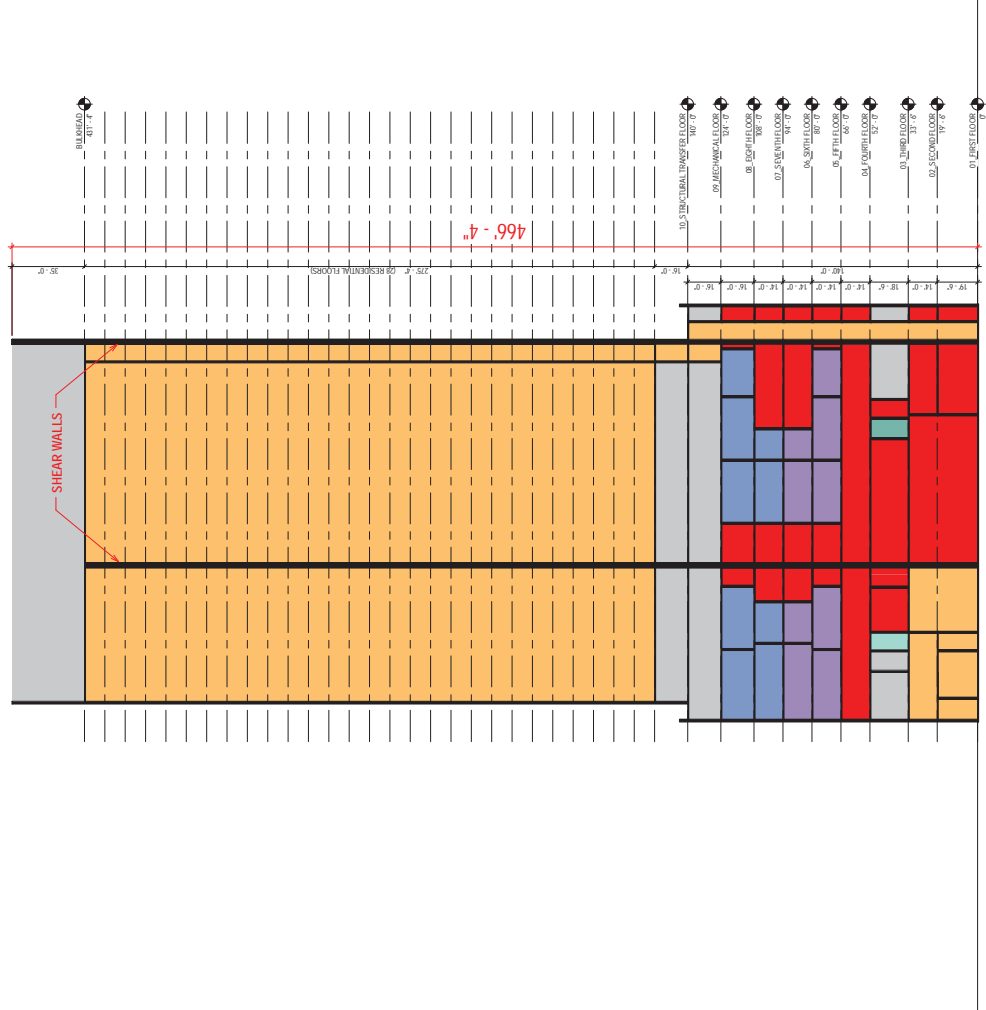


CURRENT DESIGN

LEGEND

- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- RESIDENTIAL
- NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS



SCHEME A - CURRENT DESIGN WITH RESIDENTIAL ABOVE

Perkins Eastman

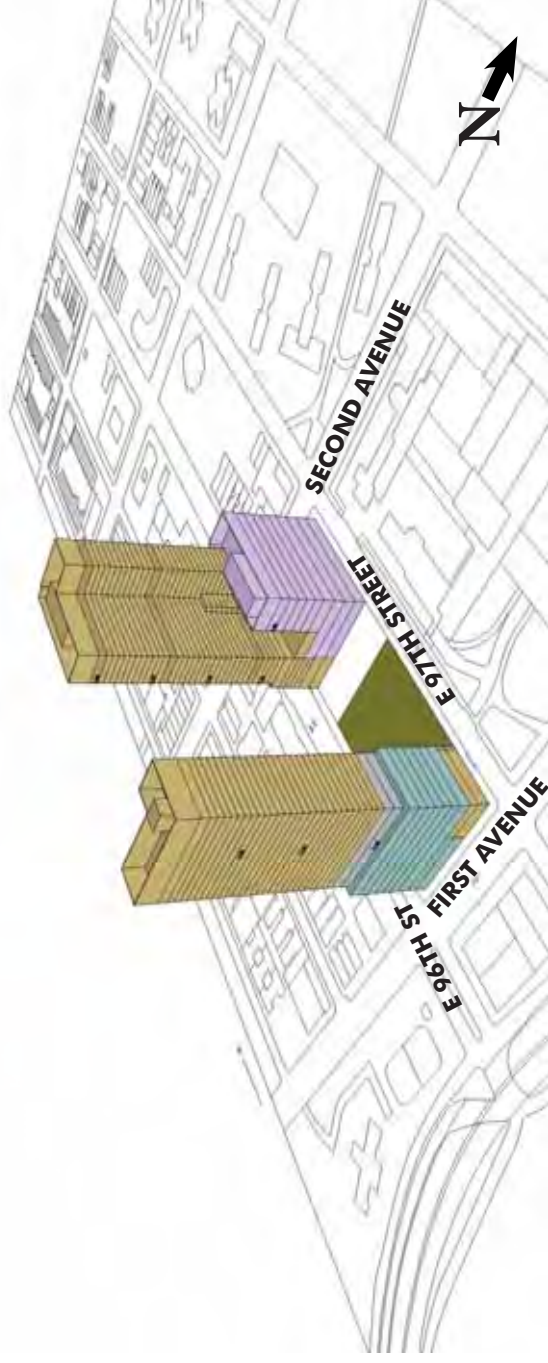
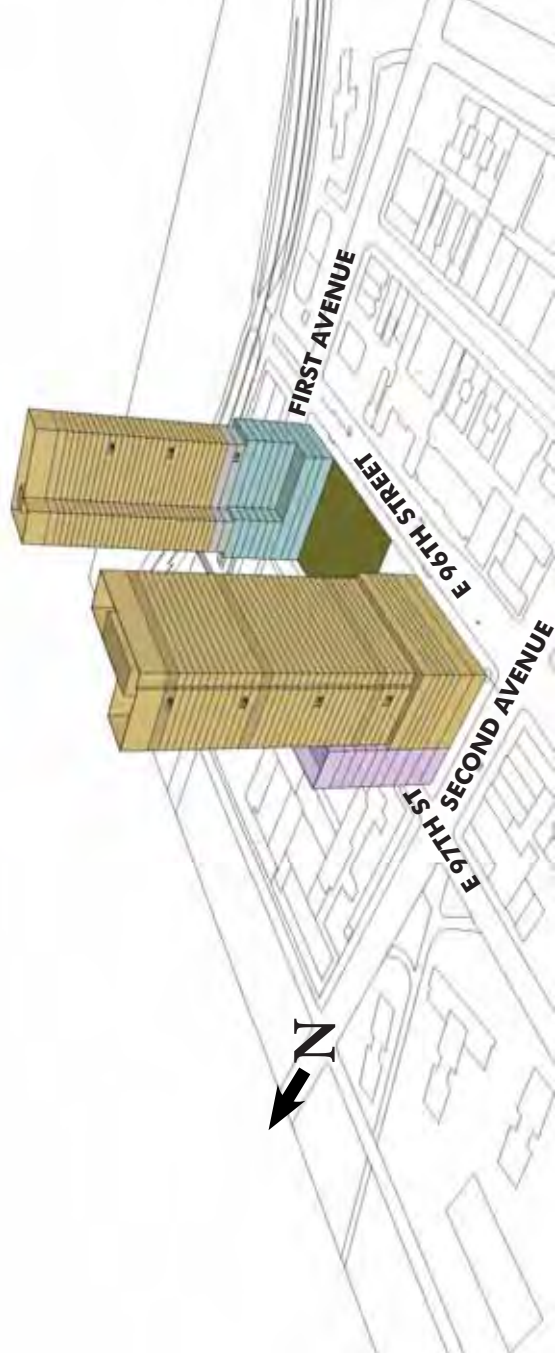
SCHEME B - CURRENT FOOTPRINT WITH RESIDENTIAL ABOVE

HIGH SCHOOLS
9 STORIES

ECF - 96TH STREET DEVELOPMENT
SCHEME B MASSING STUDIES

SCHEME B DESCRIPTION

Scheme B shows how the design adjustments required to accommodate the residential tower have devastating and unacceptable consequences for the schools' design and programs. The analysis shows that the school building is no longer viable and that the resulting schools do not satisfy SCA efficiency requirements and have serious programmatic deficiencies. This plan can only accommodate a gymnasium with reduced safe areas behind each of the backstops and the auditorium must be reduced from 450 seats to 300 seats. The support programs for these programs are also reduced in size and are no longer located adjacent to the space that they serve (for example, the girl's locker room is located two floors above the gymnasium). The need to share the ground floor with the residential uses means that some of the school uses must be relocated to other floors (for example, general receiving is on the 3rd floor) and, more importantly, that the schools would be on nine floors (as opposed to eight under the current design). As discussed in the SCA letter (see Attachment 2), while the SCA's preferred building height for new high schools is five stories, in facilities that house more than one school, if the efficiency is maintained and the travel distance for the students within their school is less than 5 floors, the building may exceed a total height of five stories. The addition of the ninth floor means that students in the Heritage School will have to travel more than five stories to get to the music classroom and auditorium on the 3rd floor and five stories to the cafeteria.



CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

SCHEME B - CURRENT FOOTPRINT WITH RESIDENTIAL ABOVE

ECF - 96TH STREET DEVELOPMENT

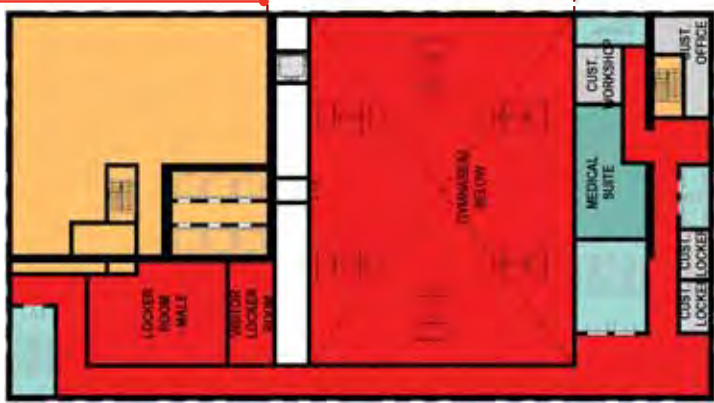
HIGH SCHOOLS
9 STORIES

FAILURES

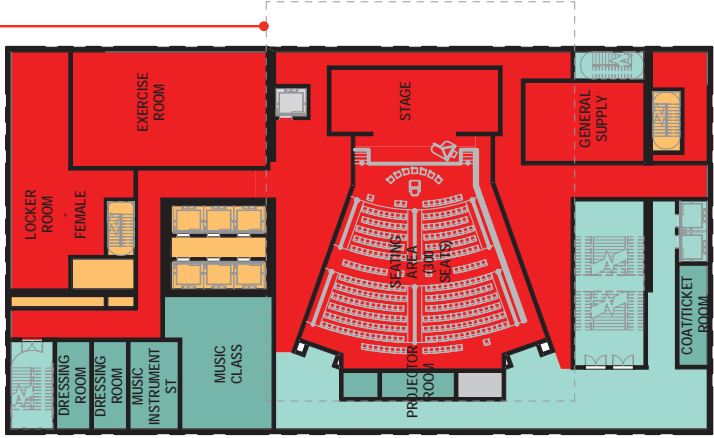
- SCHOOL BUILDING HEIGHT IS INCREASED TO 9 STORIES (FROM 8 STORIES)
- BUILDING EFFICIENCY DECREASES
 - SCHEME B - 48% INEFFICIENCY
 - CURRENT DESIGN - 40% INEFFICIENCY
- COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:
 - AUDITORIUM REDUCED TO 300 SEATS (FROM 450)
 - COMPETITION GYMNASIUM REDUCES PERIMETER SAFETY AREA BEHIND BASKETBALL HOOPS TO 7'-6" (FROM 10')
 - SECURITY PROBLEM: NUMEROUS UNSUPERVISED BLIND CORRIDORS
- ENTRANCES DO NOT MEET REQUIREMENTS (NO SECOND STUDENT ENTRANCE)



FIRST FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN

LEGEND

- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- RESIDENTIAL
- NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

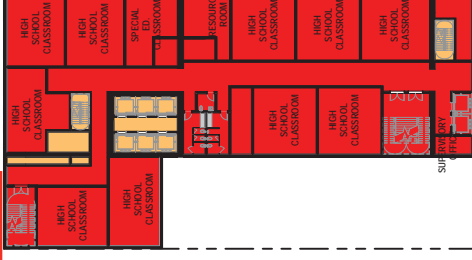
SCHEME B - CURRENT FOOTPRINT WITH RESIDENTIAL ABOVE

ECF - 96TH STREET DEVELOPMENT

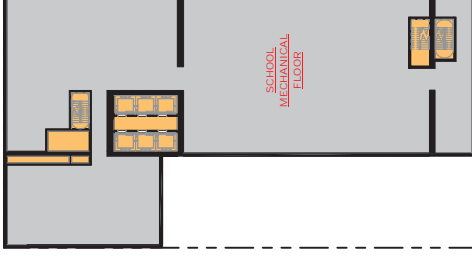
HIGH SCHOOLS
9 STORIES

FAILURES

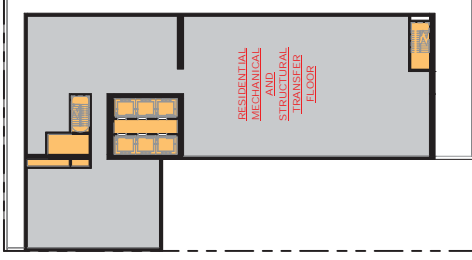
- SCHOOL BUILDING HEIGHT IS INCREASED TO 9 STORIES (FROM 8 STORIES)
- BUILDING EFFICIENCY DECREASES
 - SCHEME B - 48% INEFFICIENCY
 - CURRENT DESIGN - 40% INEFFICIENCY
- COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:
 - SECURITY PROBLEM: NUMEROUS UNSUPERVISED BLIND CORRIDORS
 - UNDERSIZED SPACES: 3 LOCKER ROOMS, EXERCISE ROOM AND HEALTH INSTRUCTOR (ALL PHYSICAL EDUCATION PROGRAM), UTILITIES
 - INEFFECTIVE PROGRAM ADJACENCIES AND LOCATIONS:
 - GENERAL SUPPLY/RECEIVING IS ON THE 3RD FLOOR, REQUIRED TO BE ON THE FIRST FLOOR
 - PHYSICAL EDUCATION PROGRAM OVER 3 FLOORS
 - FEMALE LOCKER ROOM 2 FLOORS ABOVE GYM
 - GUIDANCE SUITES ARE ORPHANED FROM THEIR HIGH SCHOOLS
 - ENTRANCES DO NOT MEET REQUIREMENTS (NO SECOND STUDENT ENTRANCE)



NINTH FLOOR PLAN



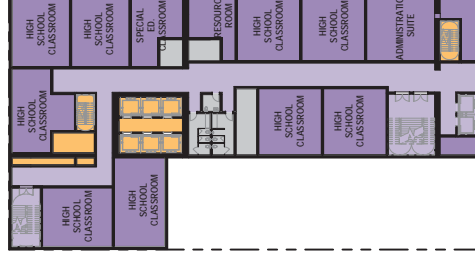
TENTH FLOOR PLAN



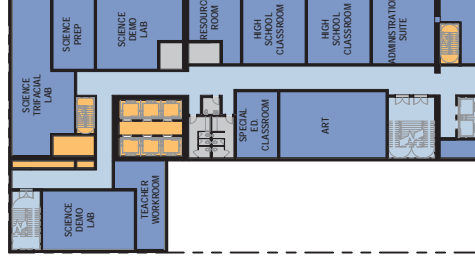
ELEVENTH FLOOR PLAN



FIFTH FLOOR PLAN



SIXTH FLOOR PLAN



TYPICAL 7TH/8TH FLOOR PLAN
Perkins Eastman

LEGEND

- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- RESIDENTIAL
- NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

SCHEME B - CURRENT FOOTPRINT WITH RESIDENTIAL

ECF - 96TH STREET DEVELOPMENT

HIGH SCHOOLS
9 STORIES

FAILURES - IN SUMMARY

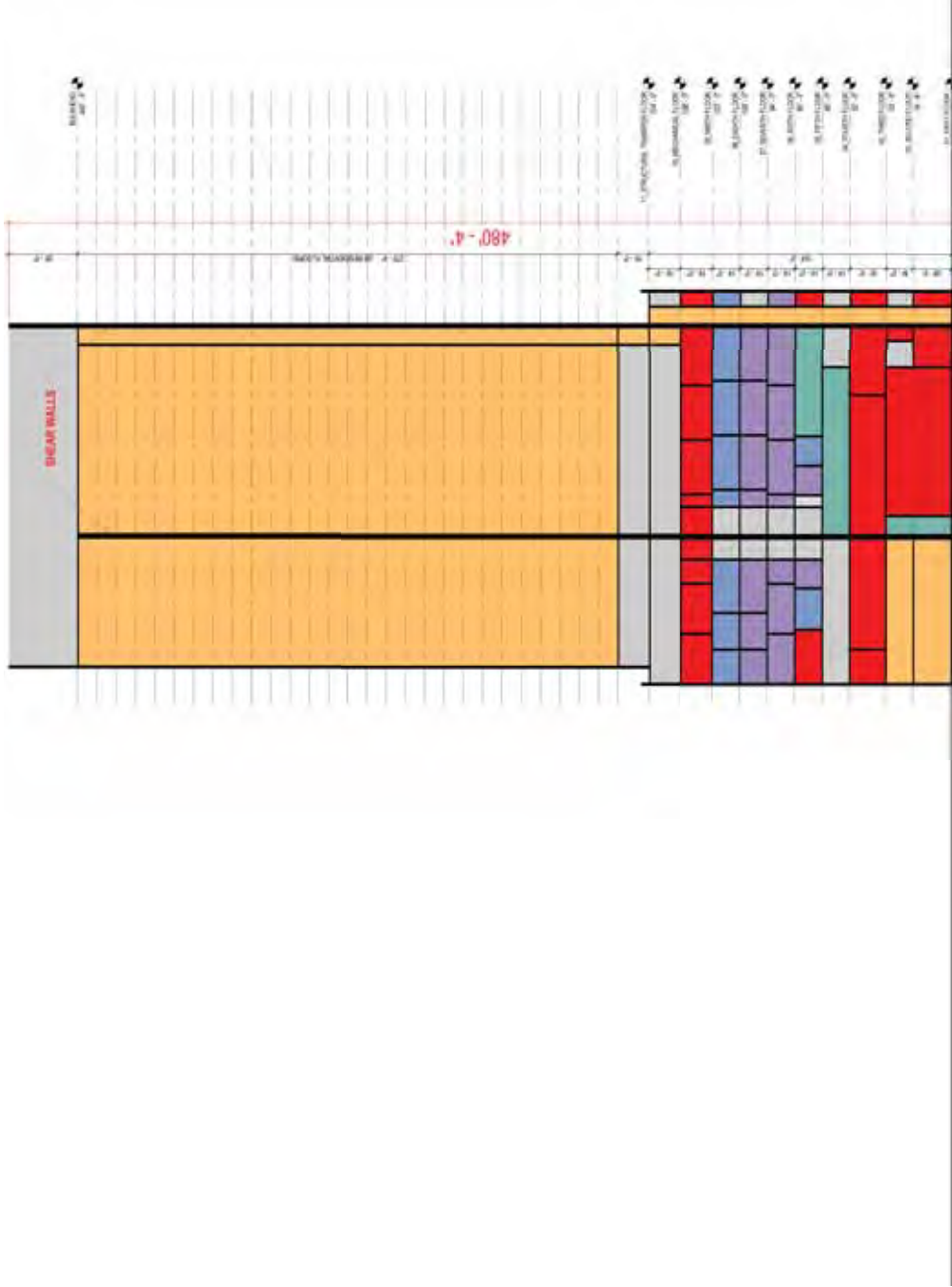
- SCHOOL BUILDING HEIGHT IS INCREASED TO 9 STORIES (FROM 8 STORIES)
- BUILDING EFFICIENCY DECREASES
 - SCHEME B - 48% INEFFICIENCY
 - CURRENT DESIGN - 40% INEFFICIENCY
- COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:
 - AUDITORIUM REDUCED TO 300 SEATS (FROM 450)
 - COMPETITION GYMNASIUM REDUCES PERIMETER SAFETY AREA BEHIND BASKETBALL HOOPS TO 7'-6" (FROM 10')
- SECURITY PROBLEM: NUMEROUS UNSUPERVISED BLIND CORRIDORS
- UNDERSIZED SPACES: 3 LOCKER ROOMS, EXERCISE ROOM AND HEALTH INSTRUCTOR (ALL PHYSICAL EDUCATION PROGRAM), UTILITIES
- INEFFECTIVE PROGRAM ADJACENCIES AND LOCATIONS:
 - GENERAL SUPPLY/RECEIVING IS ON THE 3RD FLOOR, REQUIRED TO BE ON THE FIRST FLOOR
 - PHYSICAL EDUCATION PROGRAM OVER 3 FLOORS
 - FEMALE LOCKER ROOM 2 FLOORS ABOVE GYM
 - GUIDANCE SUITES ARE ORPHANED FROM THEIR HIGH SCHOOLS
- ENTRANCES DO NOT MEET REQUIREMENTS (NO SECOND STUDENT ENTRANCE)

NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND

- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- MECHANICAL RESIDENTIAL
- NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS



SECTION

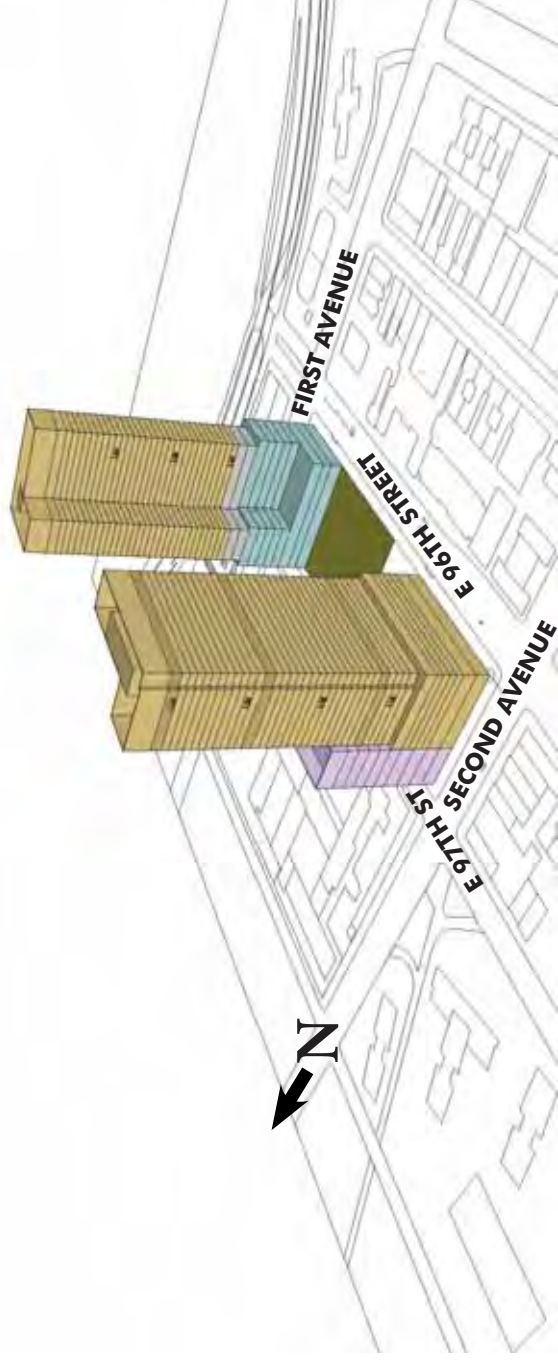
Perkins Eastman

SCHEME C - INCREASED FOOTPRINT WITH RESIDENTIAL ABOVE

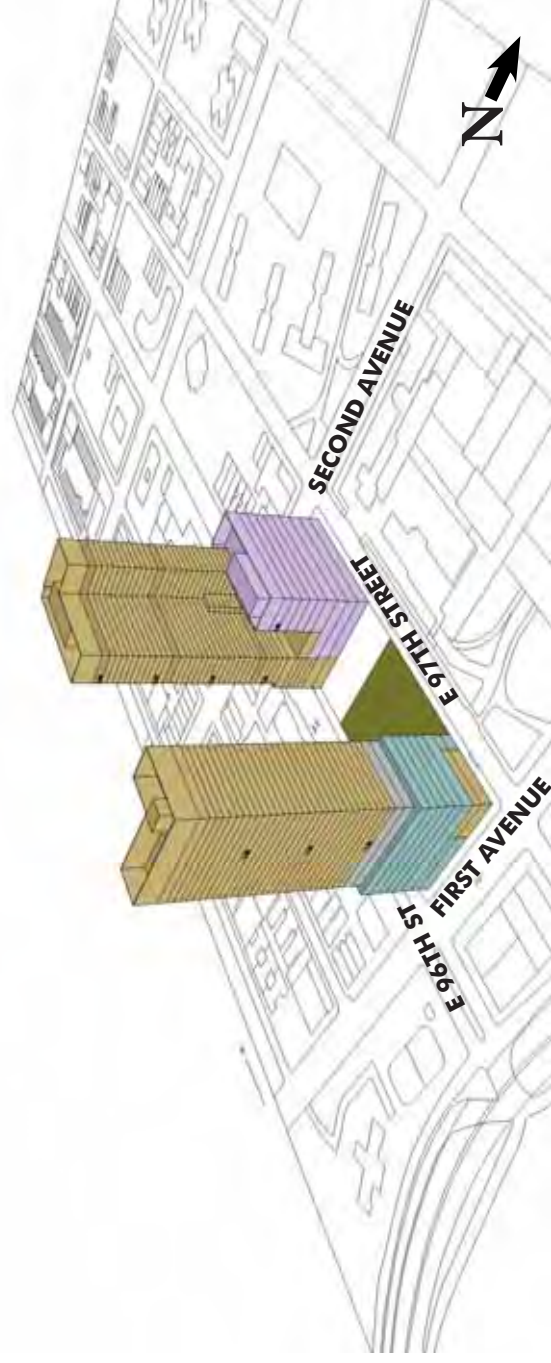
HIGH SCHOOLS
8 STORIES

SCHEME C DESCRIPTION

Scheme C attempts to address some of the issues found in Scheme B by expanding the footprint of the building by a 22.5 foot encroachment onto the Marx Brothers Playground, reducing the playground size by 4500 square feet. This encroachment would allow the school building to stay within the SCA-approved heights and maintain the key programmatic elements discussed above. However, such expansion is not currently permitted.



ECF - 96TH STREET DEVELOPMENT
SCHEME C MASSING STUDIES



CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

SCHEME C - INCREASED FOOTPRINT WITH RESIDENTIAL ABOVE

ECF - 96TH STREET DEVELOPMENT

HIGH SCHOOLS
8 STORIES

FAILURES

- PLAYGROUND IS REDUCED IN SIZE



J.O.P.

CURRENT DESIGN 64 384 SF
SCHEME C 59 843 SF

- **4 541 SF**



CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

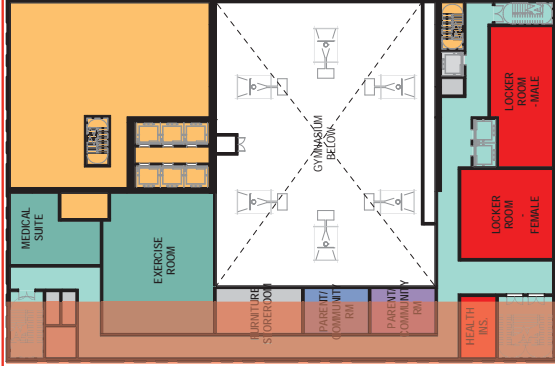
Perkins Eastman

SCHEME C - INCREASED FOOTPRINT WITH RESIDENTIAL ABOVE

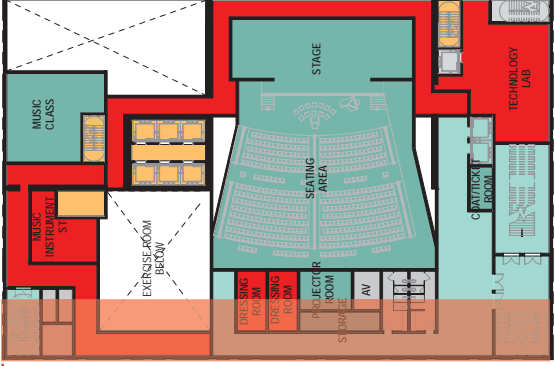
HIGH SCHOOLS
8 STORIES

SCHEME C FAILURES

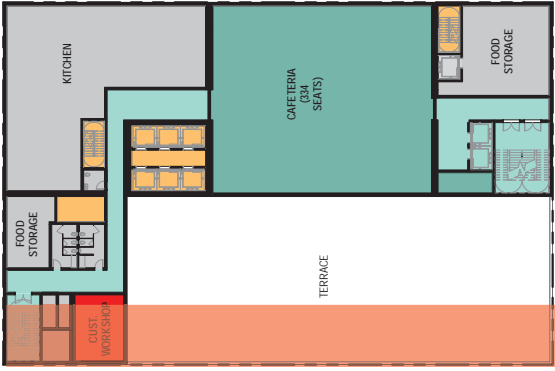
- **PLAYGROUND IS REDUCED IN SIZE BY 4541 SF**
- **SECURITY CONCERN: NUMEROUS UNSUPERVISED BLIND CORRIDORS ON 1ST, 2ND AND 3RD FLOORS**
- **COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:**
 - 1 OFFICE
 - 3 LOCKER ROOMS
 - WORKSHOP
 - SERVICE ROOMS
 - SERVICE ELEVATOR DOES NOT DIRECTLY ACCESS THE KITCHEN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

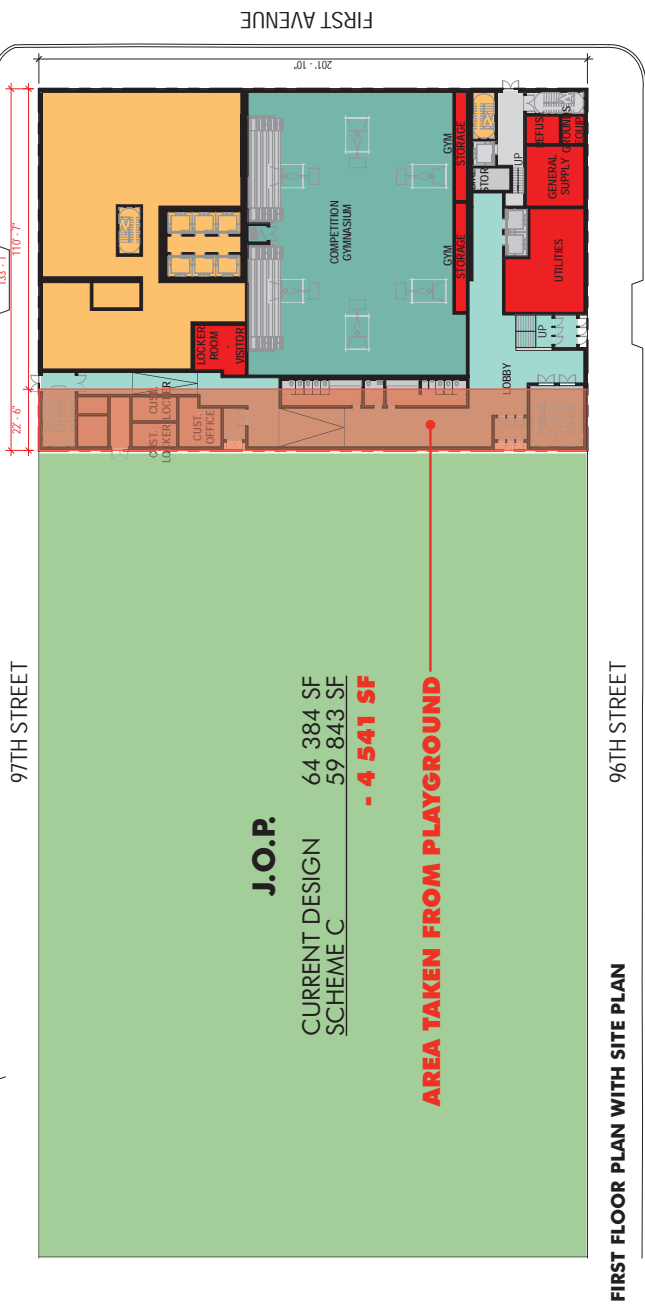
ECF - 96TH STREET DEVELOPMENT

NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND

- PARK EAST HIGH SCHOOL
- HERITAGE HIGH SCHOOL
- SHARED HIGH SCHOOL PROGRAM
- MECHANICAL
- RESIDENTIAL
- NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS



FIRST FLOOR PLAN WITH SITE PLAN

Perkins Eastman

SCHEME C - INCREASED FOOTPRINT WITH RESIDENTIAL ABOVE

HIGH SCHOOLS
8 STORIES

FAILURES

- SECURITY CONCERN: NUMEROUS UNSUPERVISED BLIND CORRIDORS ON 1ST, 2ND AND 3RD FLOORS
- COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:
 - TECHNOLOGY LAB
 - 2 TEACHER WORKROOMS
- UNNECESSARY DOUBLE HEIGHT SPACE IN LIBRARY AND ART ROOMS TO ACCOMMODATE REQUIRED SEPARATION FOR THE 2 HIGH SCHOOL PROGRAMS

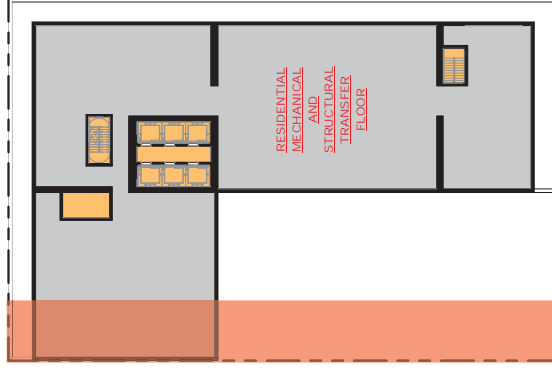
ECF - 96TH STREET DEVELOPMENT



EIGHTH FLOOR PLAN



NINTH FLOOR PLAN



TENTH FLOOR PLAN



FIFTH FLOOR PLAN



SIXTH FLOOR PLAN



SEVENTH FLOOR PLAN

NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND

PARK EAST HIGH SCHOOL SHARED HIGH SCHOOL PROGRAM MECHANICAL
HERITAGE HIGH SCHOOL NON-COMPLIANT RESIDENTIAL

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

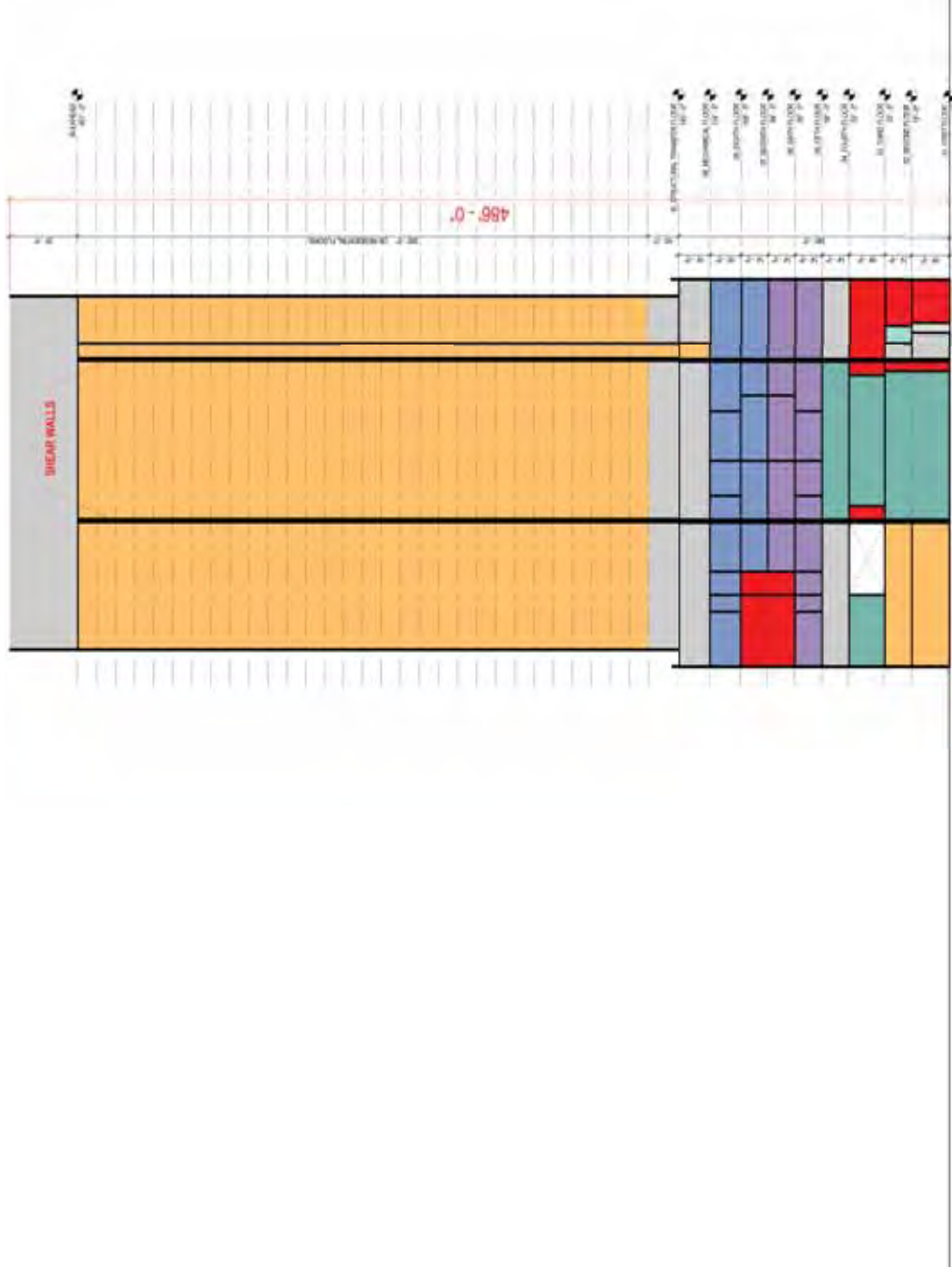
SCHEME C - INCREASED FOOTPRINT WITH RESIDENTIAL ABOVE

ECF - 96TH STREET DEVELOPMENT

HIGH SCHOOLS
8 STORIES

SCHEME C FAILURES

- **PLAYGROUND IS REDUCED IN SIZE BY 4541 SF**
- **SECURITY CONCERN: NUMEROUS UNSUPERVISED BLIND CORRIDORS ON 1ST, 2ND AND 3RD FLOORS**
- **COMPROMISES TO SCA PROGRAM REQUIREMENTS INCLUDE:**
 - TECHNOLOGY LAB
 - 2 TEACHER WORKROOMS
 - 1 OFFICE
 - 3 LOCKER ROOMS
 - WORKSHOP
 - SERVICE ROOMS
 - SERVICE ELEVATOR DOES NOT DIRECTLY ACCESS THE KITCHEN
- **UNNECESSARY DOUBLE HEIGHT SPACE IN LIBRARY AND ART ROOMS TO ACCOMMODATE REQUIRED SEPARATION FOR THE 2 HIGH SCHOOL PROGRAMS**



NOTE: RED INDICATES SPACES THAT DO NOT MEET SCA PROGRAM AREA REQUIREMENTS

LEGEND
PARK EAST HIGH SCHOOL
HERITAGE HIGH SCHOOL
SHARED HIGH SCHOOL PROGRAM
MECHANICAL
RESIDENTIAL
NON-COMPLIANT

CASE STUDIES: EAST RESIDENTIAL TOWER ABOVE TWO HIGH SCHOOLS

Perkins Eastman

SECTION

CITY PLANNING COMMISSION RESPONSE

**Attachment 4. COMPARISON TO OTHER MIXED USED SCHOOL AND
RESIDENTIAL DEVELOPMENTS**

CITY PLANNING COMMISSION RESPONSE

4. COMPARISON TO OTHER MIXED USED SCHOOL AND RESIDENTIAL DEVELOPMENTS

- **PS 59 & The High School of Art and Design**

PS 59, a PreK-5th grade school, and the High School of Art and Design are located on East 57th and 56th Streets near Second Avenue. The two schools occupy the same 11 story building, but are entirely separate school programs. The only common shared space is the auditorium. PS 59's and the high schools' entrances are from East 56th Street. Along East 57th street is a Whole Foods store which occupies the lower two stories and is 100' deep, and does not go through to 56th Street. The grocery store also has some below sub level storage area.

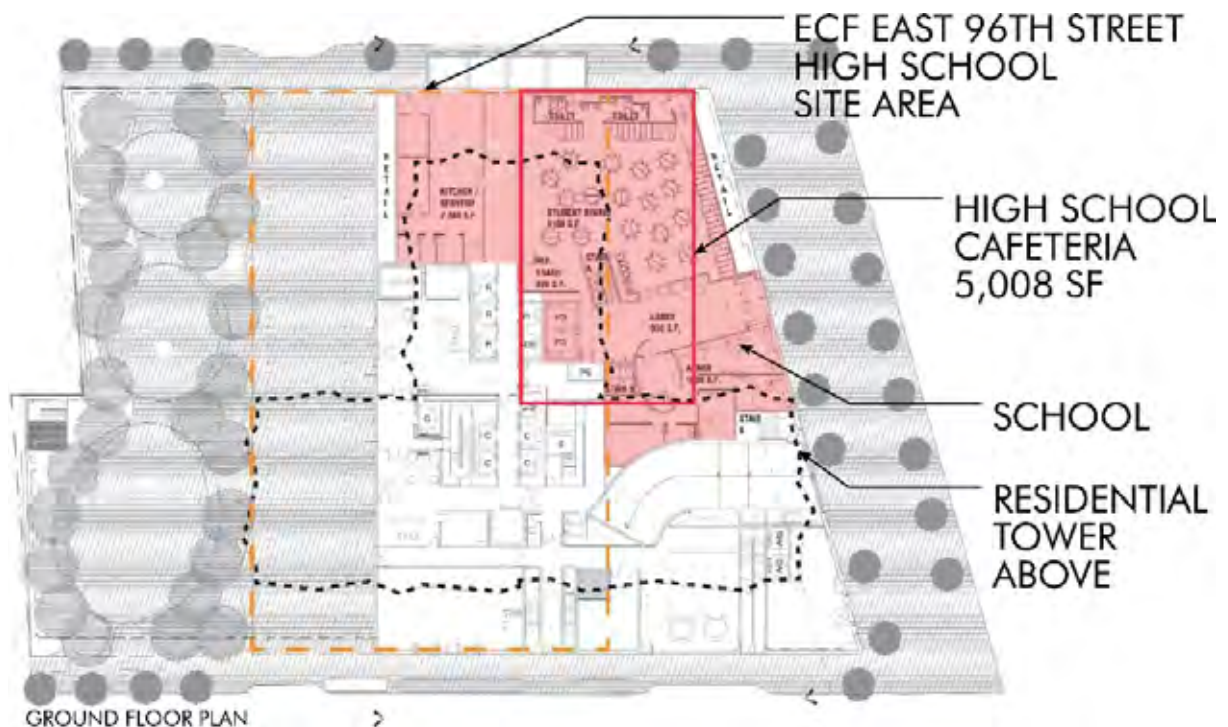
The 2 schools stand adjacent to 252 East 57th Street, and there is no overlap of residential program or infrastructure with the school program.



CITY PLANNING COMMISSION RESPONSE

- **Spruce Street School**

The Spruce Street School is a PreK-8th grade school located at the base of a 74 story, 950 feet tall, residential tower. The school is for +/- 800 students. Within the school there is a cafeteria, gymnasium, and auditorium. However all of the large spaces are sized for a PS/IS, and therefore they are significantly smaller than the same spaces required for the two proposed high schools at 96th Street. This also allows the Spruce Street residential tower to avoid extending over these large column free spaces. The cafeteria at Spruce Street is 3,108 sf vs 5,008 sf for the two high schools, the auditorium seats only 300 people rather than the 450 seats for the two proposed high schools, and the gymnasium is only 5,380 sf vs. the 8,500 sf that is required for the two high schools. The larger programs for the proposed high schools are outlined in the red rectangle below to show its much larger size. The footprint of the site that houses the Spruce Street School is also wider than available for the two high schools, a difference of about 58'. The footprint of the 96th Street site is outlined in orange in the diagram below for comparison. Finally, the Spruce Street School is one school vs. the two proposed high schools at 96th Street, which are two organizations with shared program space. This requires a clear separation between the schools for teaching spaces and administration, which constrains the planning within the building. While Spruce Street is an example of a mixed school and residential building, there are significant differences in programmatic requirements and site specific details that distinguish it and do not make it a useful example of how to plan for the ECF East 96th Street project.



CITY PLANNING COMMISSION RESPONSE

Attachment 5. SHADOW IMPACTS

See shadow studies attached on the following pages

CITY PLANNING COMMISSION RESPONSE

5. Shadow Impacts

This study compares shadows resulting from Scheme B to shadows resulting from the current proposed project. All descriptions of project-generated shadow effects below refer to project-generated shadows (either from the proposed or from Scheme B) falling on sunlight-sensitive resources. They do not necessarily refer to project-generated shadows falling on other features that are not of concern under CEQR, such as streets and sidewalks, private residences and rear yards, etc. Sunlight-sensitive resources include the reconstructed playground on the project block, Stanley Isaacs Playground, and the East River Esplanade.

A representative day in each season was analyzed: December 21 representing the winter months, March 21, which has equivalent shadow patterns to September 21, representing the spring and fall months, and June 21 representing the summer months. Also note that times refer to the actual “clock time” on each given analysis day. On December 21 this is Eastern Standard Time. On the March 21 / September 21 analysis day and the June 21 analysis day this is Eastern Daylight Time.

The analysis concluded that:

- The Scheme B towers would cast greater shadow coverage on the Marx Bros than the proposed project in the spring, summer and fall; Scheme B towers would cast similar shadows during the winter.
- The Scheme B towers would cast greater shadows in terms of both extent and duration on Stanley Isaacs Playground than then proposed project in the late spring and summer (when utilization is expected to be higher); the Scheme B towers would cast similar shadows during the fall, winter, and early spring.
- The Scheme B towers would cast greater shadow coverage than the proposed project on the East River Esplanade in the late afternoon in the spring, summer and fall.

December 21

Shadow falling on the reconstructed playground on the winter morning would be similar. This would remain the case until 1:30 PM when shadow from the eastern tower in both scenarios would exit the reconstructed playground. Shadow on the playground would be the same in both scenarios after that. No project-generated shadow would reach Stanley Isaacs Playground on this analysis day.

March 21 and September 21

Shadows resulting from the proposed project would be the same as those from Scheme B from the start of the analysis day at 8:36 AM EDT until approximately 10:00 AM. From 10:00 AM until approximately 1:00 PM shadow falling on the reconstructed playground would be smaller with the proposed project, due to the shorter eastern building, compared

CITY PLANNING COMMISSION RESPONSE

to Scheme B. Between 1:00 PM and 2:00 PM shadow would be approximately the same in size between the two scenarios. Shadow would exit the playground at 2:00 PM. Shadows falling on the reconstructed playground (from the western tower) and on Stanley Isaacs playground (from the eastern tower) would be the same in both scenarios the rest of the analysis day, which ends at 5:29 PM. With Scheme B, there would be more shadow on a portion of the East River Esplanade at around East 99th Street for the final half hour of the analysis day, 5:00 PM to 5:29 PM.

June 21

From the start of the summer analysis day at 6:57 AM, shadow falling on the reconstructed playground would be the same in both scenarios. Beginning at approximately 9:00 AM shadow with the proposed project would be smaller on the reconstructed playground due to the shorter eastern tower. Shadow would continue to be smaller, at times substantially so, with the proposed project compared with Scheme B until 1:00 PM. Shadows would be the same on the reconstructed playground for the remainder of the analysis day, between the two scenarios. No project-generated shadow would fall on Stanley Isaacs Playground in either scenario until 3:00 PM. From 3:00 PM until approximately 5:00 PM shadow would be larger with Scheme B compared to the proposed project, and after 5:00 PM shadow would be the same in both scenarios. With Scheme B, shadow would be larger on a portion of the East River Esplanade around East 97th Street from 4:30 PM to 6:00 PM. After that shadows would be approximately the same in both scenarios until the end of the analysis day at 7:01 PM.

See following pages for solar/shadow studies referenced above.

PROPOSED



10:00 AM

11:00 AM

12:00 PM

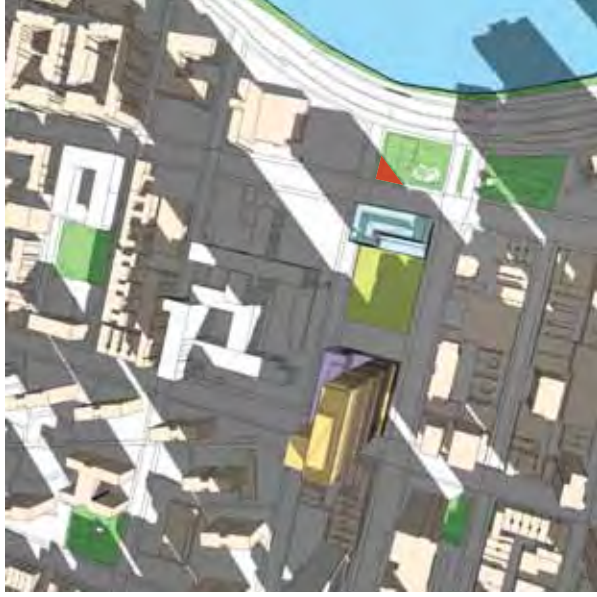
SCHEME B



PROPOSED



4:30 PM

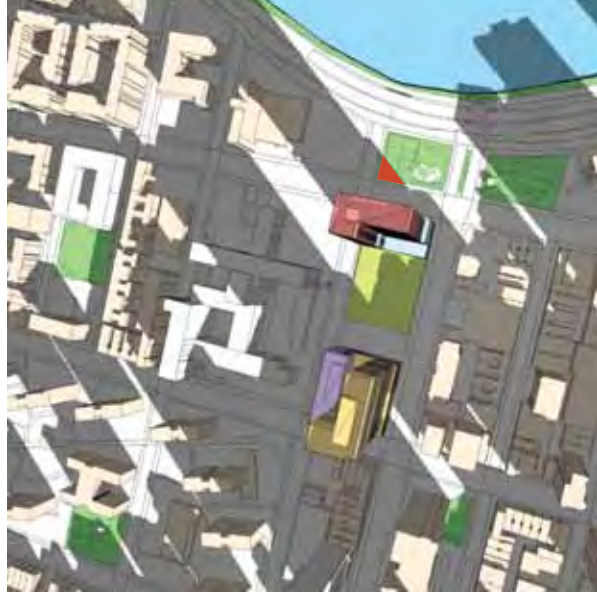


5:00 PM



5:30 PM

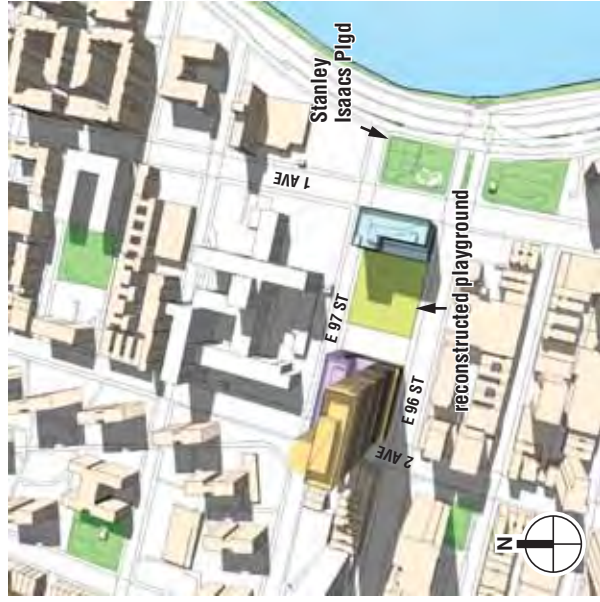
SCHEME B



Incremental Shadow



PROPOSED



10:00 AM



11:00 AM



12:00 PM

SCHEME B



PROPOSED



10:30 AM

11:00 AM

11:30 AM



SCHEME B

Incremental Shadow



PROPOSED



1:00 PM

1:15 PM

1:30 PM

SCHEME B



CITY PLANNING COMMISSION RESPONSE

Attachment 6. STRUCTURAL CONSIDERATIONS

CITY PLANNING COMMISSION RESPONSE

6. STRUCTURAL CONSIDERATIONS

The design and engineering team has conducted various analyses of the building design to determine the impact of combining the residential and school buildings into one structure. One study related to the structural design requirements of a combined 58-story structure in which the residential tower overlapped the Coop Tech building near the corner of 2nd Avenue and 97th Street. ***Refer to attached exhibit ‘3D Design Massing Options’ and ‘Typical Floorplate’ diagrams for study of these alternate schemes aimed at assessing feasibility of a reduction in tower height.*** This design would have resulted in a reduction of building height totaling six stories compared to a base case 64-story design.

The New York City Building Code treats schools and residential buildings very differently when it comes to structural design requirements. Per table 1604.5 of the 2014 NYC Building code, “buildings and other structures containing an elementary/ secondary school” fall under Structural Occupancy/ Risk Category III. Residential Buildings, on the other hand, are Occupancy/ Risk Category II. Per Table 1604.5.2 of 2014 NYC Building code, the Wind Importance Factor (I) for Occupancy Category II and III are 1.00 and 1.15 respectively. Hence wind loads are to be factored up by 15% for Risk Category III buildings (i.e. school buildings). Increased wind loads requires a stiffer concrete superstructure and additional foundation reinforcement. The structural design must therefore meet the more stringent design requirements for both the school and non-school portions once the two structures have been merged. ***Refer to attached studies and emails from DeSimone Consulting Engineers dated March 8th and May 19th for discussion of these factors.*** Engineering force models were developed to explore cost and impact of utilizing either caisson or pile type foundation elements. Analysis of both systems have been included for transparency in the extensive analysis of these issues to date. ***Refer to ‘Foundation Scenarios Summary’ table for overview of options considered by the team.***

The 96th Street site is more sensitive to structural design criteria because in addition to its impact above grade, we also need to pay attention to the impacts below grade. The building will need to be anchored in bedrock which lies approximately 250’ below the surface of the site. ***Refer to ‘Foundation Layout Studies’ following for progressive development of the building foundation elements to date.***

As per the analysis prepared by Desimone Consulting Engineers, the impact of complying with the 15% increase in Wind Importance Factor results in significant cost impacts on foundations and superstructure to reinforce them to withstand the additional wind loads.

Gilbane, an experienced construction manager in New York City, has provided a cost estimate of the financial impacts of the Desimone study. Below is a summary of their conclusions:

CITY PLANNING COMMISSION RESPONSE

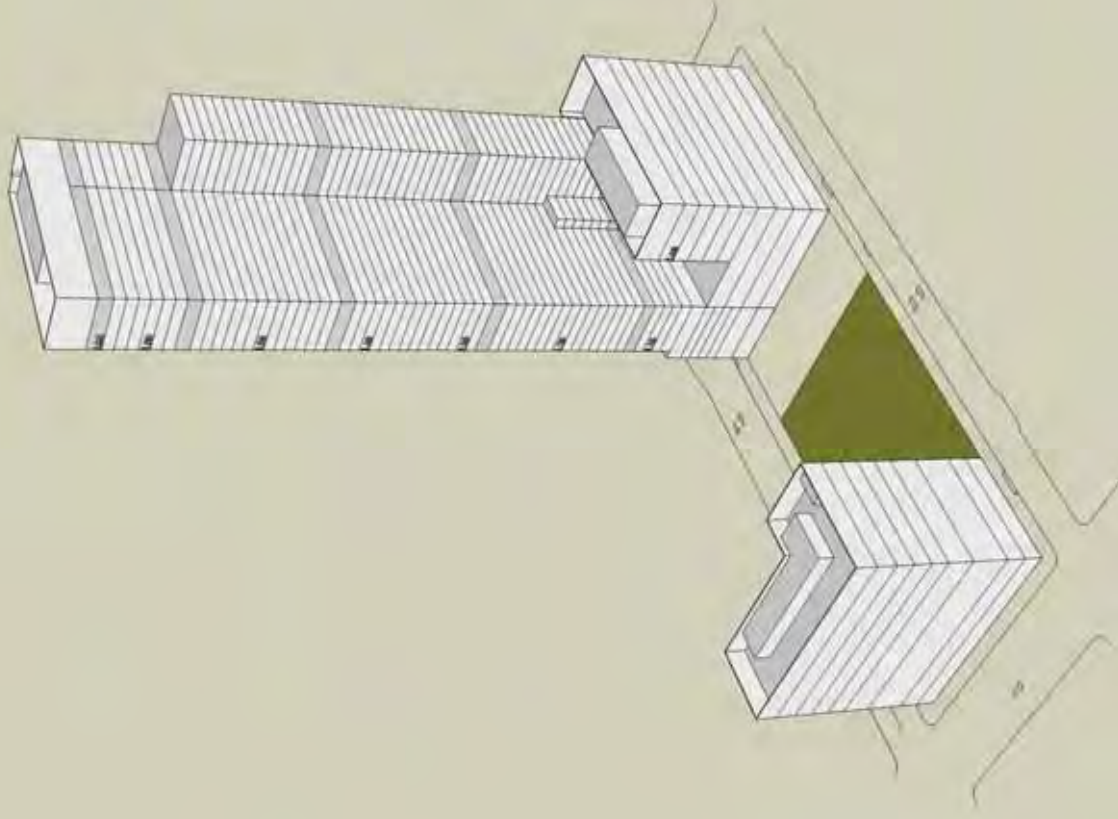
SUPERSTRUCTURE IMPACT	\$/gsf	Total
Superstructure budget	\$105	\$111,300,000
Load (e.g., bonds, contingency, general conditions, insurance, etc.)	\$36	\$37,637,539
Total Superstructure Cost	\$141	\$148,937,539
8% Increase (low end of range; applies to ALT A and ALT B designs)	\$11	\$11,915,003
10% Increase (upper end of range; applies to ALT A and ALT B designs)	\$14	\$14,893,754

FOUNDATIONS IMPACT		Total
Unloaded Cost Increase (partial overlap – ALT A)		\$1,200,000
Load		\$405,796
Subtotal		\$1,605,796
Unloaded Cost Increase (full overlap – ALT B)		\$2,000,000
Load		\$676,326
Subtotal		\$2,676,326
TOTAL IMPACT (RANGE)		
8% with ALT A design		\$13,520,799
10% with ALT B design		\$17,570,080

With a total cost increase ranging between \$13,520,799 and \$17,570,080, overlapping the two structures to reduce the height by six stories at 2nd Avenue is not cost feasible. A similar cost premium would be expected on the 1st Avenue schools should a residential tower be placed above them.

See detailed structural analysis and diagrams associated with the above analysis on the following pages.

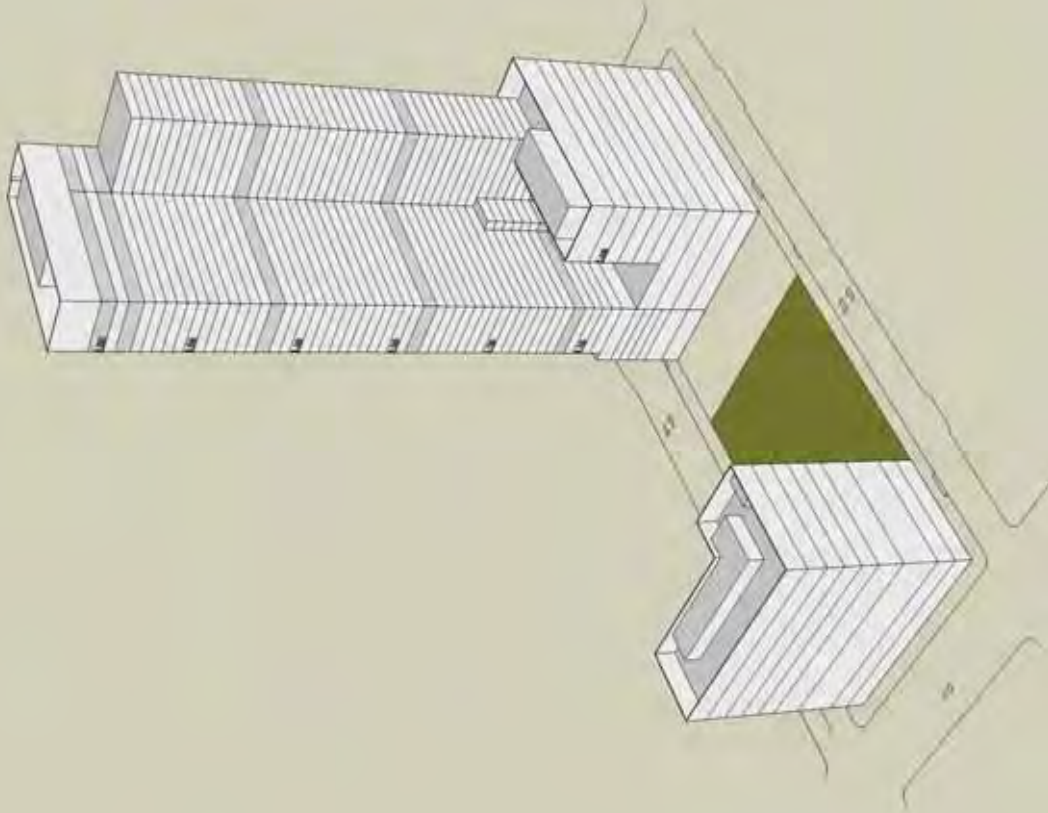
- 64FL Option
NE Bird-eye View



3D Massing Design Options

ECF - 96TH STREET DEVELOPMENT

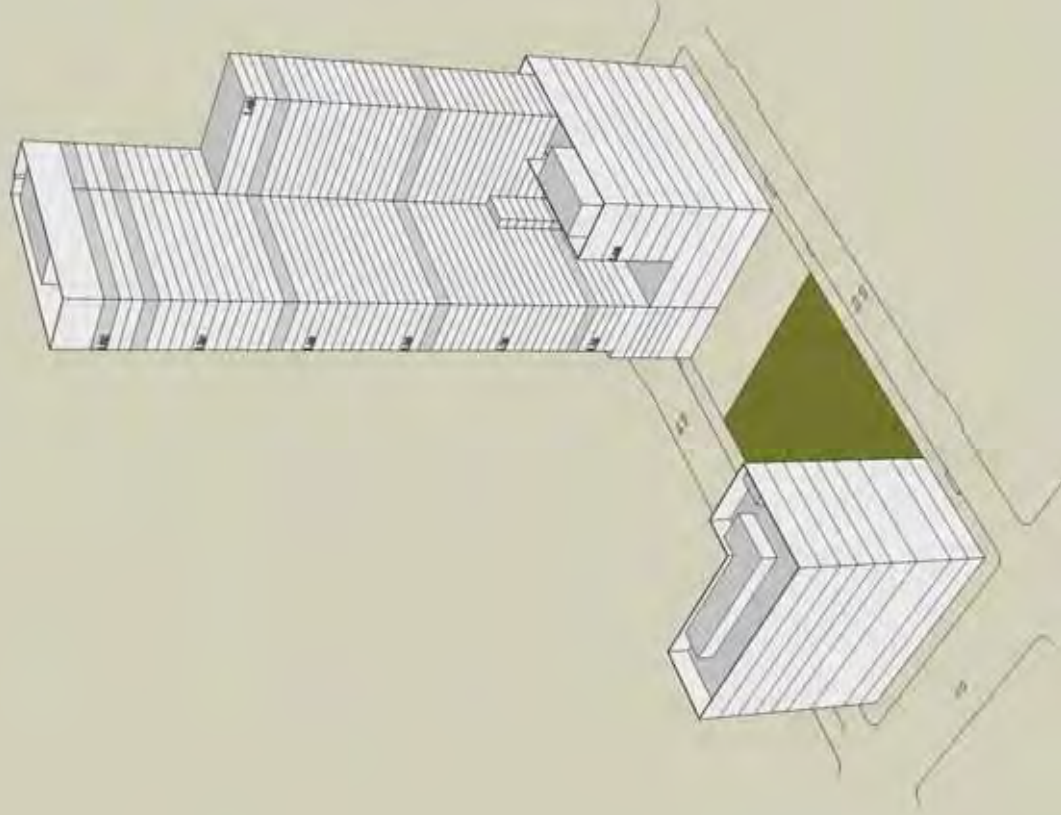
- 58FL Option: Alt-A
NE Bird-eye View



3D Massing Design Options

ECF - 96TH STREET DEVELOPMENT

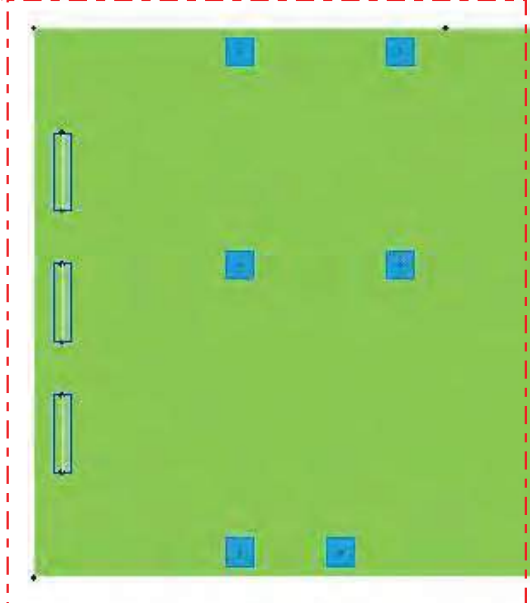
- 58FL Option: Alt-B
NE Bird-eye View



DESIGN PROGRESS DIAGRAM
MASSING STUDY - FEBRUARY 28, 2017

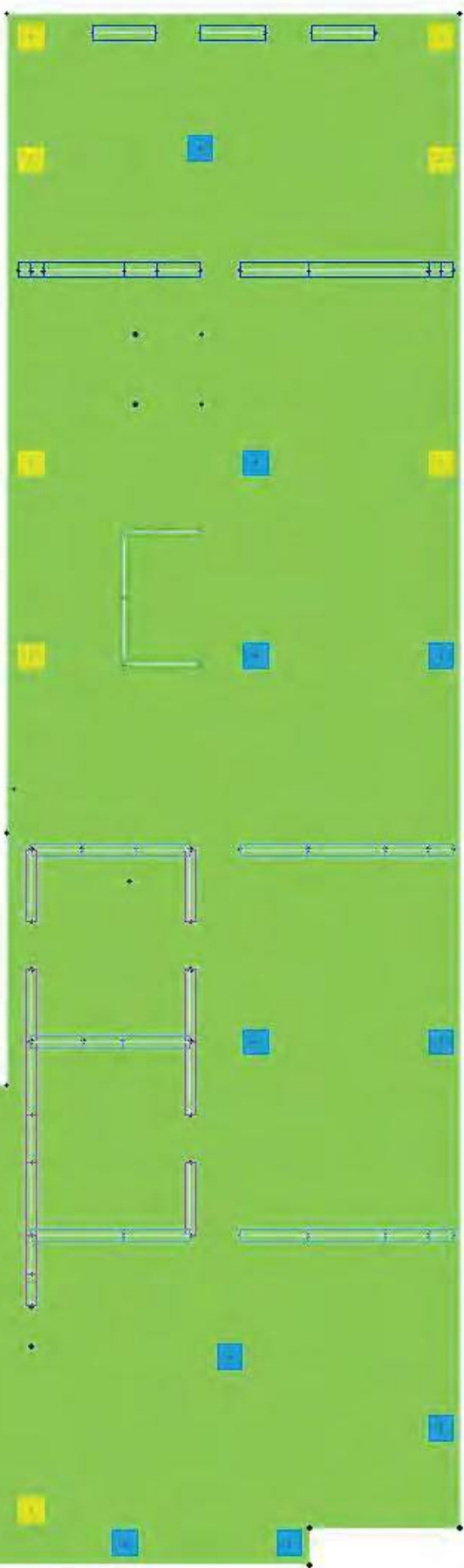
Perkins Eastman

SMALLER NORTH
WING, LESS
COLUMNS REQUIRE
LESS CAISSONS

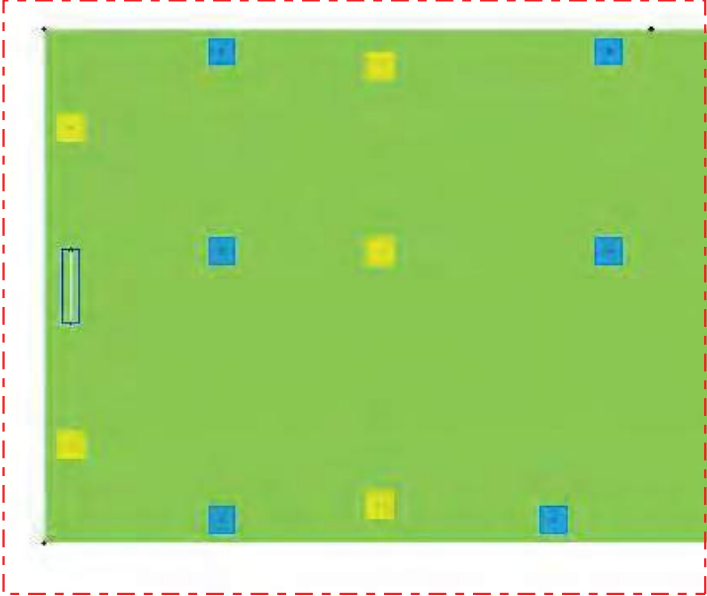


TOWER OPTION	2700T 48" DIA. WEST CAISSONS	3000T 72" DIA. EAST CAISSONS
	38	51
64 Floors		

64 FL TOWER - TYP FLOOR PLAN

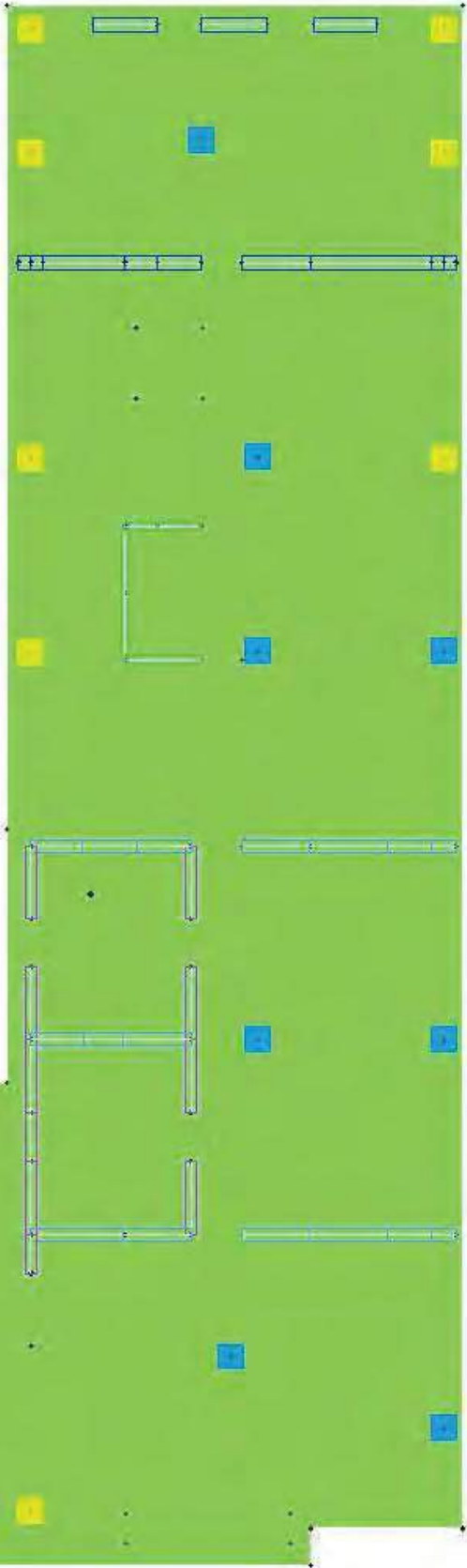


LONGER NORTH
WING, MORE
COLUMNS HENCE
MORE CAISSONS
REQUIRED



TOWER OPTION	2700T 48" DIA. WEST CAISSONS	3000T 72" DIA. EAST CAISSONS
ALT A - 58 Floors	40	52

ALT-A TOWER - TYP FLOOR PLAN



Typical Floorplate Diagrams

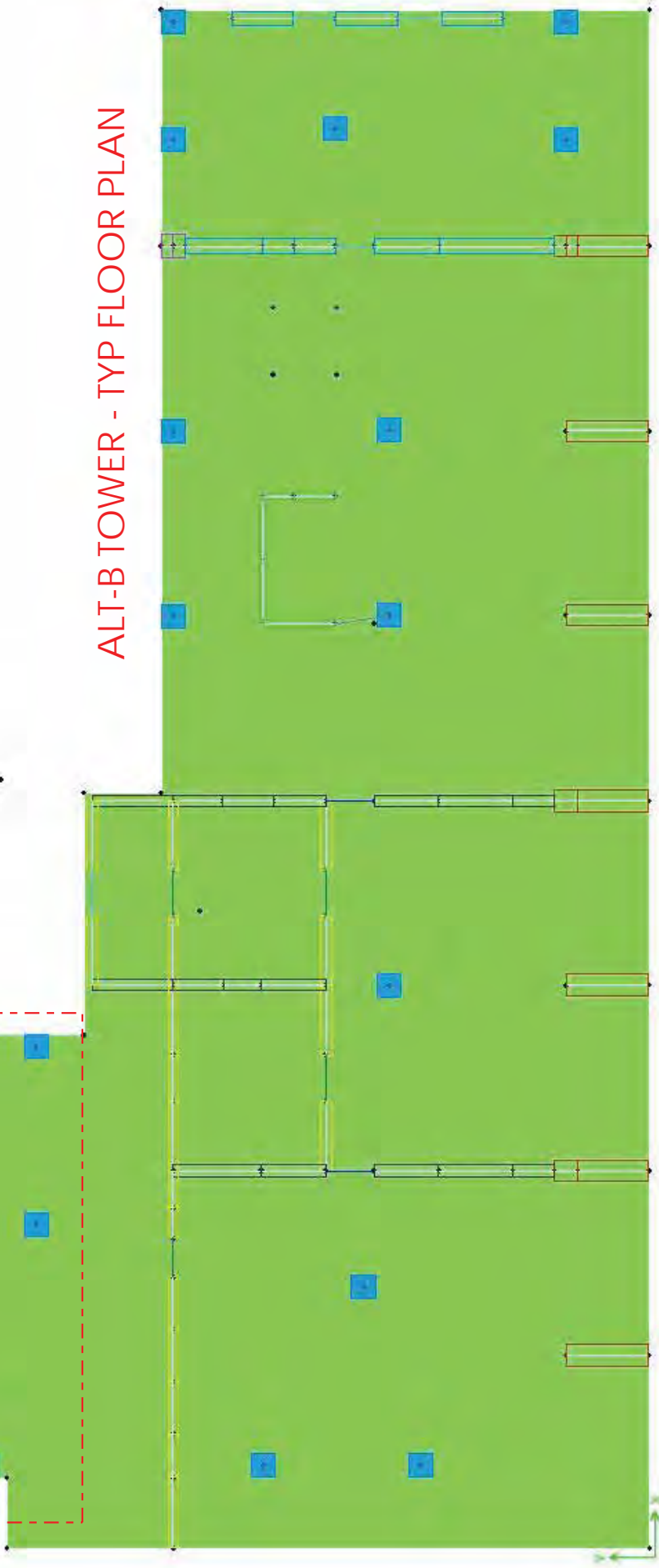


LONG NORTH WING,
MORE COLUMNS
HENCE MORE
CAISSONS REQUIRED

96TH STREET - ECF
58 FLOOR ALT B
TYPICAL FLOORPLATE

TOWER OPTION	2700T 48" DIA. WEST CAISSONS	3000T 72" DIA. EAST CAISSONS
ALT B - 58 Floors	44	53

ALT-B TOWER - TYP FLOOR PLAN



Christopher Reynolds

From: James Bonanno <james.bonanno@de-simone.com>
Sent: Wednesday, March 08, 2017 3:43 PM
To: Jon Vogel
Cc: Christopher Reynolds
Subject: DeSimone Study for East 96th Street Alt Massing
Attachments: 16031.00-20170308-ALT B Foundation Option.pdf; 16031.00-20170308-ALT A Foundation Option.pdf; 16031.00-20170308-64 FL Foundation Option.pdf

Jon

We have studied the two new 58 story massing options (Alt-A and Alt-B) and compared our findings with the 64-story base scheme. The changes to the foundation are illustrated via sketches attached with this email.

1. Base Scheme using 14" - 200T driven piles and 16" - 625 T drilled caissons requires 721 200 T piles and 118 caissons
2. Alt-A (58 story) using 14" - 200T driven piles and 16" - 625 T drilled caissons requires an additional 64 200T piles
3. Alt-B (58 story) using 14" - 200T driven piles and 16" - 625 T drilled caissons requires 105 more 200T piles than the quantity needed for the 64 story building

All of the additional piles are on the west side and are 180 feet long. Estimating cost per foot at approximately \$105, the foundation premium for connecting the tower to the school would be 1.2M and 2.0M for Alternates A and B respectively.

Regarding the superstructure premium for Alt-A and Alt-B, although the lateral wind load increases by 15% due to the higher importance factor, the reduction in height for these alternates offsets this increase and we estimate that the increase in cost of the superstructure will not exceed 10%.

Please let me know if there are any questions.

Regards

James J. Bonanno P.E.
Principal

DESIMONE CONSULTING ENGINEERS
140 Broadway, 25th Floor
New York, NY 10005
T. 212.532.2211
F. 212.481.6108
James.Bonanno@de-simone.com

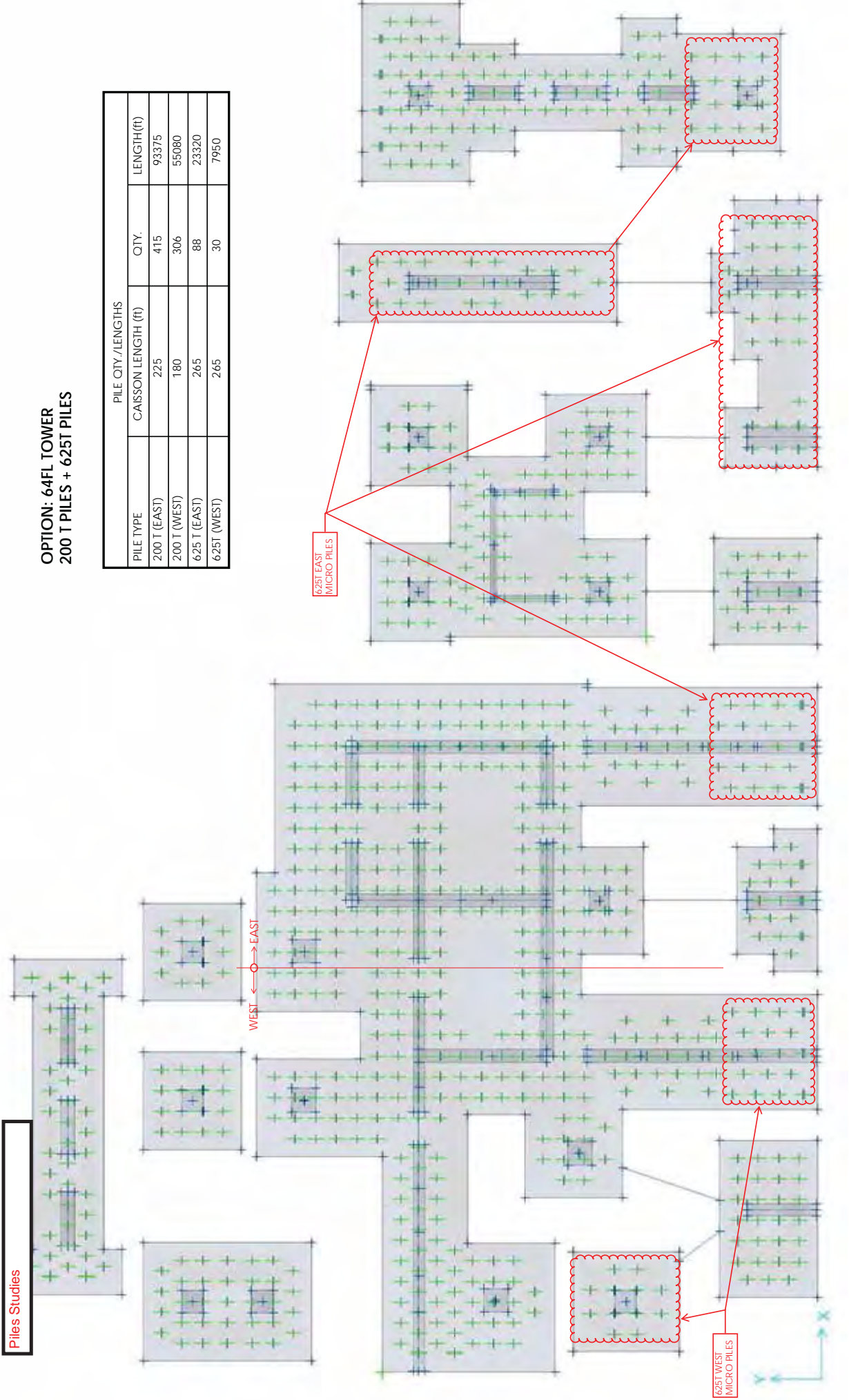


www.de-simone.com

Piles Studies

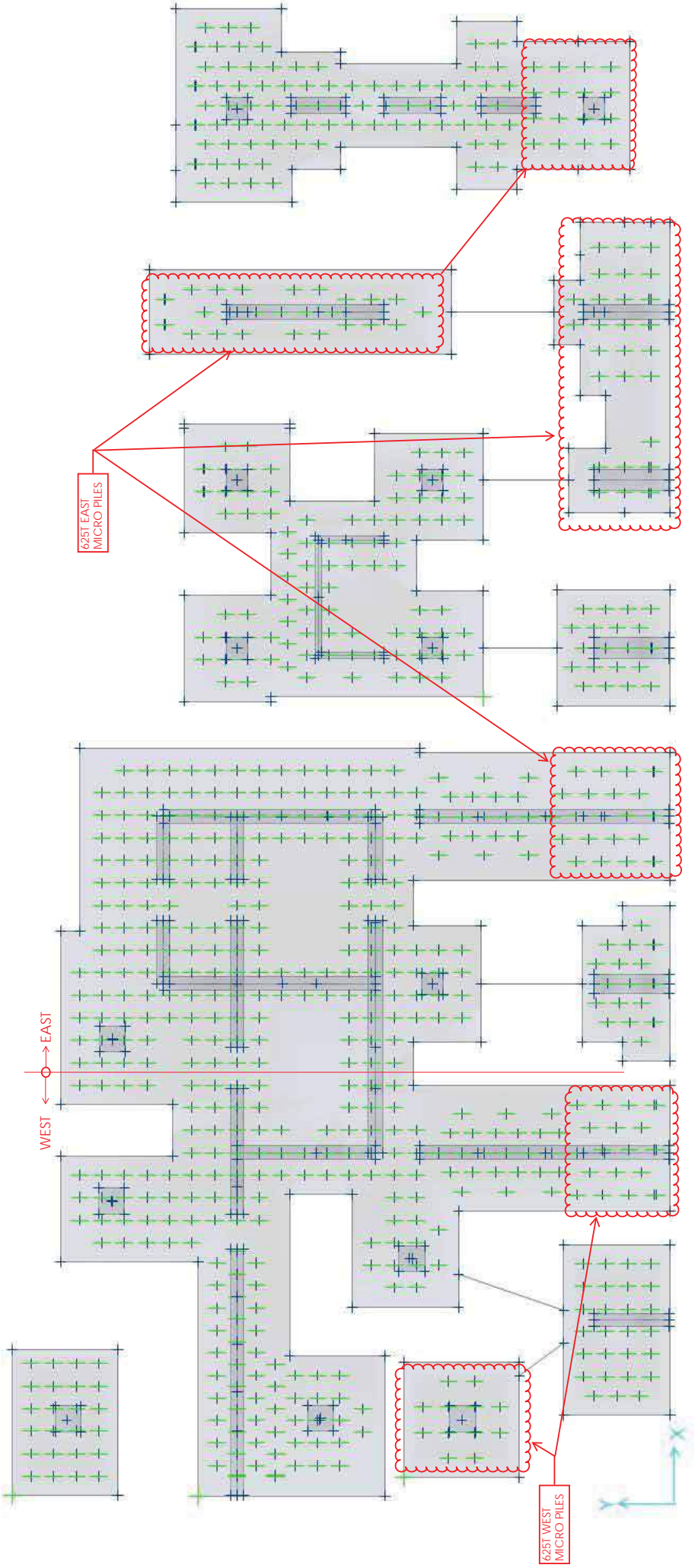
OPTION: 64FL TOWER
200 T PILES + 625T PILES

PILE QTY / LENGTHS			
PILE TYPE	CAISSON LENGTH (ft)	QTY.	LENGTH(ft)
200 T (EAST)	225	415	93375
200 T (WEST)	180	306	55080
625 T (EAST)	265	88	23320
625T (WEST)	265	30	7950



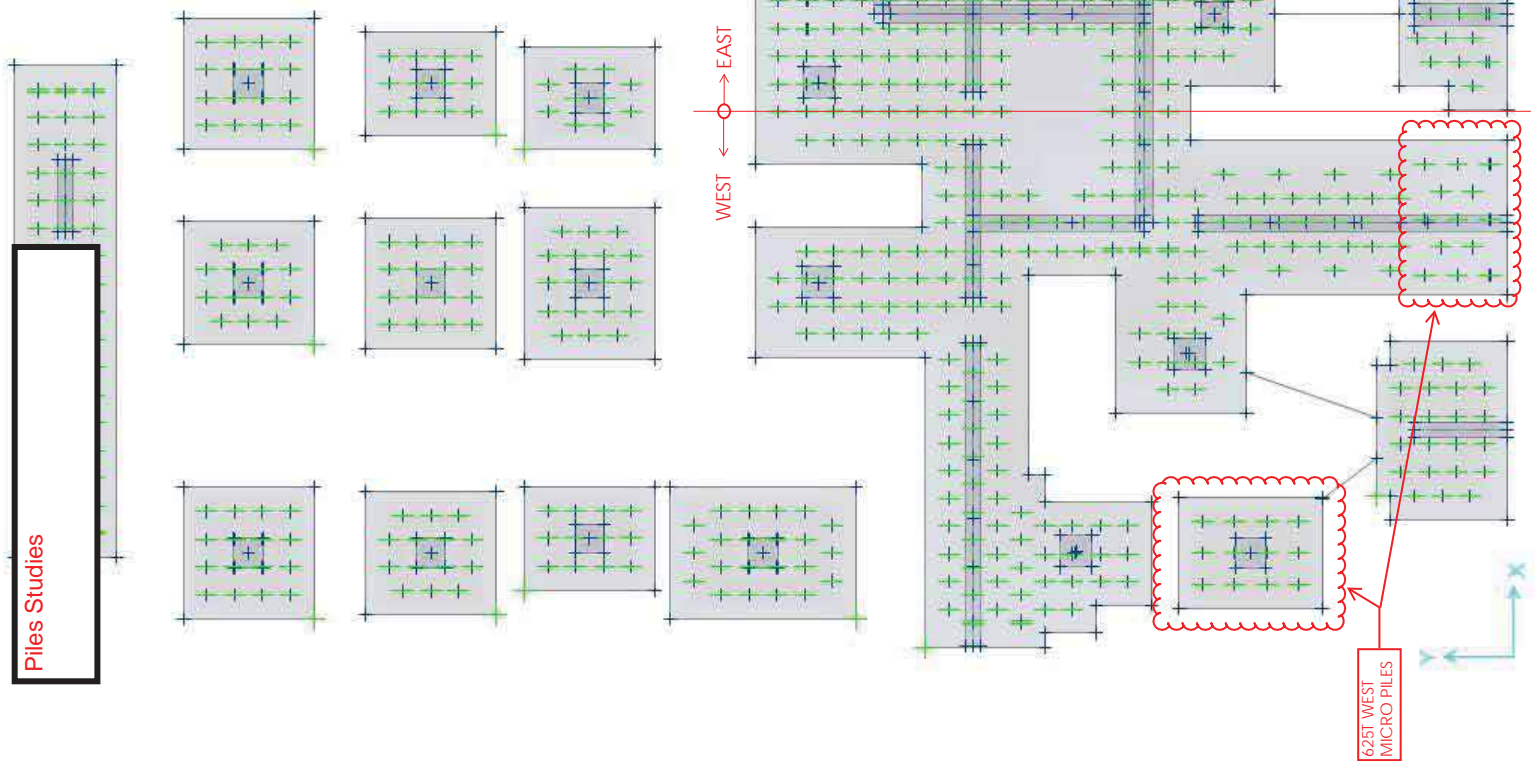
Piles Studies

PILE QTY./LENGTHS			
PILE TYPE	CAISSON LENGTH (ft)	QTY.	LENGTH(ft)
200 T (EAST)	225	405	91125
200 T (WEST)	180	380	68400
625 T (EAST)	265	88	23320
625T (WEST)	265	30	7950



OPTION: "ALT B"
200 T PILES + 625T PILES

PILE QTY./LENGTHS			
PILE TYPE	CAISSON LENGTH (ft)	QTY.	LENGTH(ft)
200 T (EAST)	225	415	93375
200 T (WEST)	180	411	73980
625 T (EAST)	265	76	20140
625 T (WEST)	265	25	6625

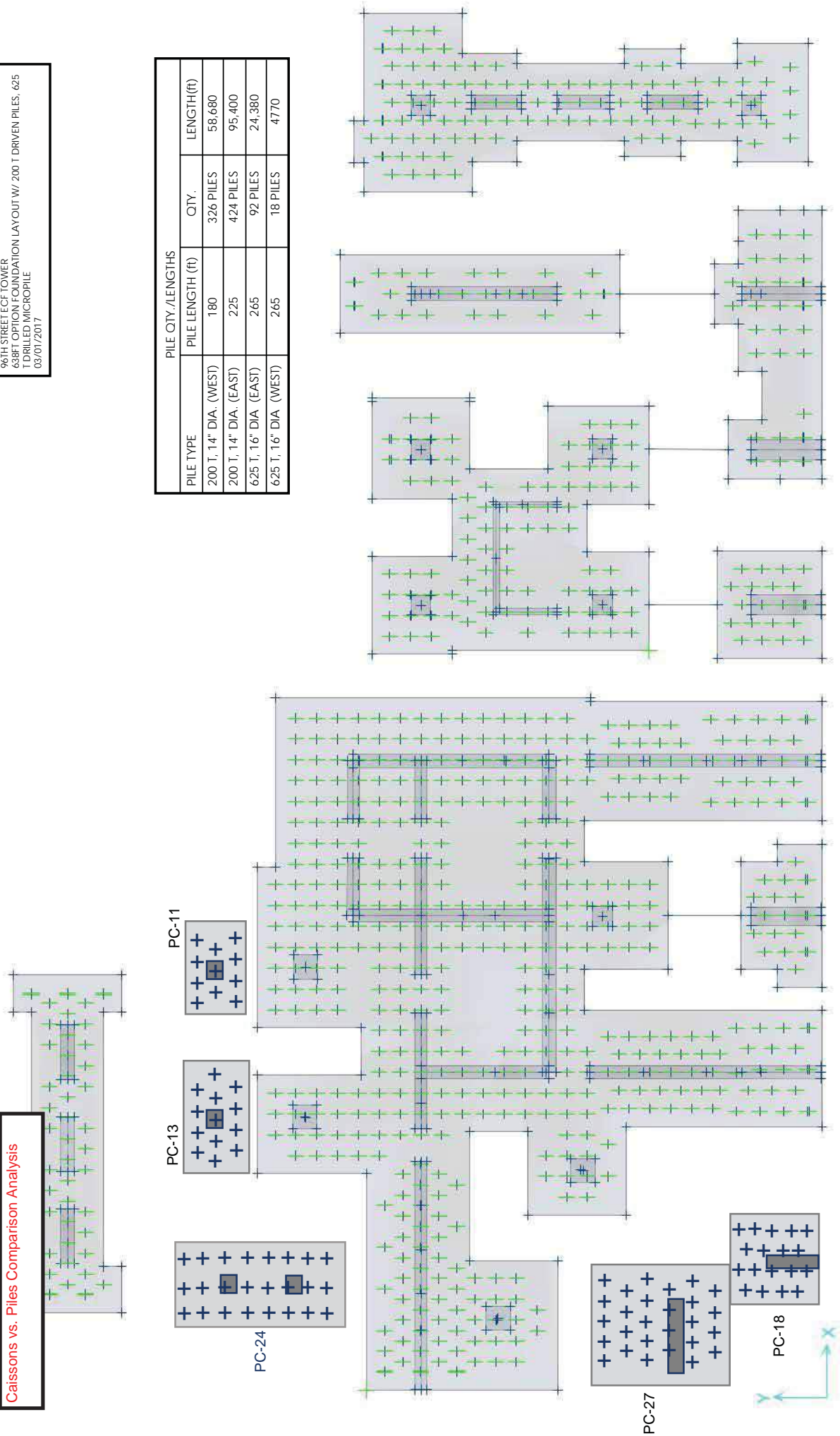


OPTION 1A (TOWER) - 200 TON DRIVEN PILES & 625 TON DRILLED MICROPILE

Caissons vs. Piles Comparison Analysis

DESIMONE CONSULTING ENGINEERS
96TH STREET LCF TOWER
438FT OPTION FOUNDATION LAYOUT W/ 200 T DRIVEN PILES, 625
T DRILLED MICROPILE
03/01/2017

PILE QTY./LENGTHS			
PILE TYPE	PILE LENGTH (ft)	QTY.	LENGTH(ft)
200 T, 14" DIA. (WEST)	180	326 PILES	58,680
200 T, 14" DIA. (EAST)	225	424 PILES	95,400
625 T, 16" DIA. (EAST)	265	92 PILES	24,380
625 T, 16" DIA. (WEST)	265	18 PILES	4770



MUESER RUTLEDGE CONSULTING ENGINEERS

FOR: 96th STREET PROJECT

SUBJECT: FOUNDATIONS OPTIONS SUMMARY - REVISION 7

Location	Deep Foundation Type	Bearing Stratum	Compression Design Load (tons)	Tension Design Load (tons)	Caisson/Pile Diameter (in.)	Caisson Socket/Bond Length (ft)	Total Caisson/Pile Length (ft)	Compression Stiffness (kips/in)	Tension Stiffness (kips/in)	Allowable Lateral Capacity (tons) - $p_y = 0.65$	Allowable Lateral Capacity (tons) - $p_y = 1.00$
Tower, western 1/3	Caisson	Intact Rock	900	450	24	20	200	1200	470	9	13
Tower, western 1/3	Caisson	Intact Rock	1350	675	24	30	210	1550	850	9	13
Tower, eastern 2/3	Caisson	Decomposed Rock	450	225	24	40	265	675	150	9	13
Tower, eastern 2/3	Caisson	Decomposed Rock	675	337	36	40	265	1700	225	17	24
School, Low-rise	Driven Tapered Pile	Sand, Varved	150	--	18, w/taper to 8, bottom 25 feet	--	150	--	--	--	--
School, Low-rise	Auger Cast in Place	Sand, Varved	60	--	14	50	80	600	--	--	--
Tower, western 1/3	Caisson	Intact Rock	2700	1350	48	30	200	3450	860	29	40
Tower, eastern 2/3	Caisson	Decomposed Rock	1350	675	72	40	265	5950	360	58	80
Tower, eastern 2/3	Caisson	Decomposed Rock	3000	1500	72	50	275	6000	650	58	80
Tower, western 1/3	Driven Pipe Pile	Intact Rock	200	100	14	--	180	300	270	4	5
Tower, eastern 2/3	Driven Pipe Pile	Till, Decomposed Rock	200	100	14	--	225	300	210	4	5
Tower, western 1/3	Driven Pipe Pile	Intact Rock	400	200	24	--	180	1700	900		
Tower, eastern 2/3	Driven Pipe Pile	Till, Decomposed Rock	400	200	24	--	245	1280	680		
Tower, eastern 2/3	Drilled Micropile	Decomposed Rock	625	290	16	40	265	550	170		

Notes:

- 1) Revision 7 - 02/24/2017
- 2) All locations based the soil strata on MR-1 boring
- 3) All casings for caissons and piles are 1/2" thick, except for 24" piles which will have 1" wall thickness.

CITY PLANNING COMMISSION RESPONSE

Attachment 7. AFFORDABLE HOUSING

CITY PLANNING COMMISSION RESPONSE

7. AFFORDABLE HOUSING

TOTAL AFFORDABLE INVESTMENT = APPROX. \$192 MILLION WITHOUT ANY CITY CAPITAL FUNDING

- The total project cost for the residential portion is expected to be \$642 million and the investment in permanent affordable housing is approximately \$200 million. Using a 28% allocation of cost for affordable housing (based on the percentage of building gross square feet occupied by affordable housing), this would equate to approximately \$178.4 million of construction costs for the affordable housing, after deducting \$5M for the 17,000 square feet of retail.
- However, this analysis does not take into account the fact that the affordable housing has a negative cash flow. The average affordable unit will have approximately \$12,500 of annual revenue, but will also incur around \$14,500 per unit in expenses (including rent payments under the ground lease with the Educational Construction Fund.) This yields an annual loss of roughly \$2,000 per affordable unit. Capitalized at a 5% return on investment, this equates to \$40,000 of additional investment in affordable housing per unit, or approximately \$13.8 million for 345 affordable units.

Revenue per affordable unit (average)	\$12,500
Expenses per affordable unit (including ground rent)	\$14,500
Annual loss per affordable unit	(\$2,000)
Capitalized loss per affordable unit at 5% rate	\$40,000
Capitalized loss for all affordable units	\$13,800,000
Total Development Cost of the affordable units ignoring loss	\$178,400,000
Total investment in affordable housing on site	\$192,200,000
Investment per affordable unit (approximately)	\$557,000

- In summary, the total investment in permanent affordable housing on site, including both construction costs and underwriting the annual losses, is approximately \$192 million. This investment, and the schools and playground investment, are being accomplished without the use of any New York City subsidies or capital dollars, allowing these limited funds to be used elsewhere in the community and elsewhere in the City for other public investments.

CITY PLANNING COMMISSION RESPONSE

Attachment 8. MARX BROTHERS PLAYGROUND

CITY PLANNING COMMISSION RESPONSE

8. MARX BROTHERS PLAYGROUND

A. Zoning History

- Marx Brothers Playground has been located within duly designated zoning districts since the establishment of the 1961 Zoning Resolution. As depicted on the original section map from 1961 shown below, and thereafter, the district boundary running through the center of the block bisects the Playground (rather than being coincident with the boundary of the Playground). The PLDG label located over the playground and the zoning district boundary line does not preclude Marx Brothers Playground from the zoning designations mapped over the space. The label rather partially masks the district boundary line underneath, which is a very common occurrence on the zoning map (for instance where a street label masks out a portion of zoning district boundary).



12/15/61

- The district boundary line was depicted this way on all subsequent zoning section maps since the original establishment of the 1961 Zoning Resolution, until an update of the zoning section map was made in 1983 (shown below). At that time it appears that a staff person responsible for maintaining the zoning map at City Planning may have mistakenly “cleared” up the map, by pulling back the district line to the edges of the Playground, perhaps thinking that the area was a public park even though it is officially a JOP. However, despite this mistaken graphical representation, the zoning district boundary remains through the center of the block and the Playground. There was never any official action to remove the zoning that always applied over Marx Brothers Playground. The movement of the boundary does not alter the status of the area as being subject to zoning.

CITY PLANNING COMMISSION RESPONSE



1983

- When the southern half of the block was changed from R10 to R10A in 1990, this district boundary line did not move. Accordingly, today, the district boundary line continues to remain through the centerline of the entire block, including the Playground – and does not wrap around the Playground even though it is incorrectly shown this way on the current map due to the 1983 clerical error.
- The diagram below, which was prepared by the Department's of Technical Review Division during the pre-ULURP process, shows the current zoning map 6b as it should appear and confirms that the Marx Brothers Playground is mapped within two zoning districts.



CITY PLANNING COMMISSION RESPONSE

Tab 8. MARX BROTHERS PLAYGROUND

See following pages for the attachments noted below

- B.** DPR Data Card
- C.** MTA Alienation Act

BLOCK	LOT	SEC.
1668	$\frac{p}{10}$ 1	

LAWS — LIBERS — CHARTER

LOCATION:

2nd Avenue from East 96th to East 97th Street

TITLE VESTED: in the City of New York - March 18, 1941 (for Board of Education)

JURISDICTION — ~~PARK~~

DATE: under Board of Education Jurisdiction

Playground opened - May 1, 1947 (J.O.P.)

METHOD OF ACQUISITION

PARCEL	1. CONDEMNATION		2. ASSIGNMENT OF CITY-OWNED PROPERTY		3. DEED OF GIFT		4. PURCHASE OR STATE GRANT	
	ACQUISITION AUTHORIZED		ASSIGNMENT AUTHORIZED		DEED ACCEPTED			
	B.E.	CAL	B.E.	CAL	B.E.	CAL	B.E.	CAL

MAPPING

MAP. NO. TITLE: NONE

AUTH. BY B.E. CAL.

MAP. NO. TITLE:

PARK ADD'N NO.

AREA IN ACRES

1.468

FINAL SECTION

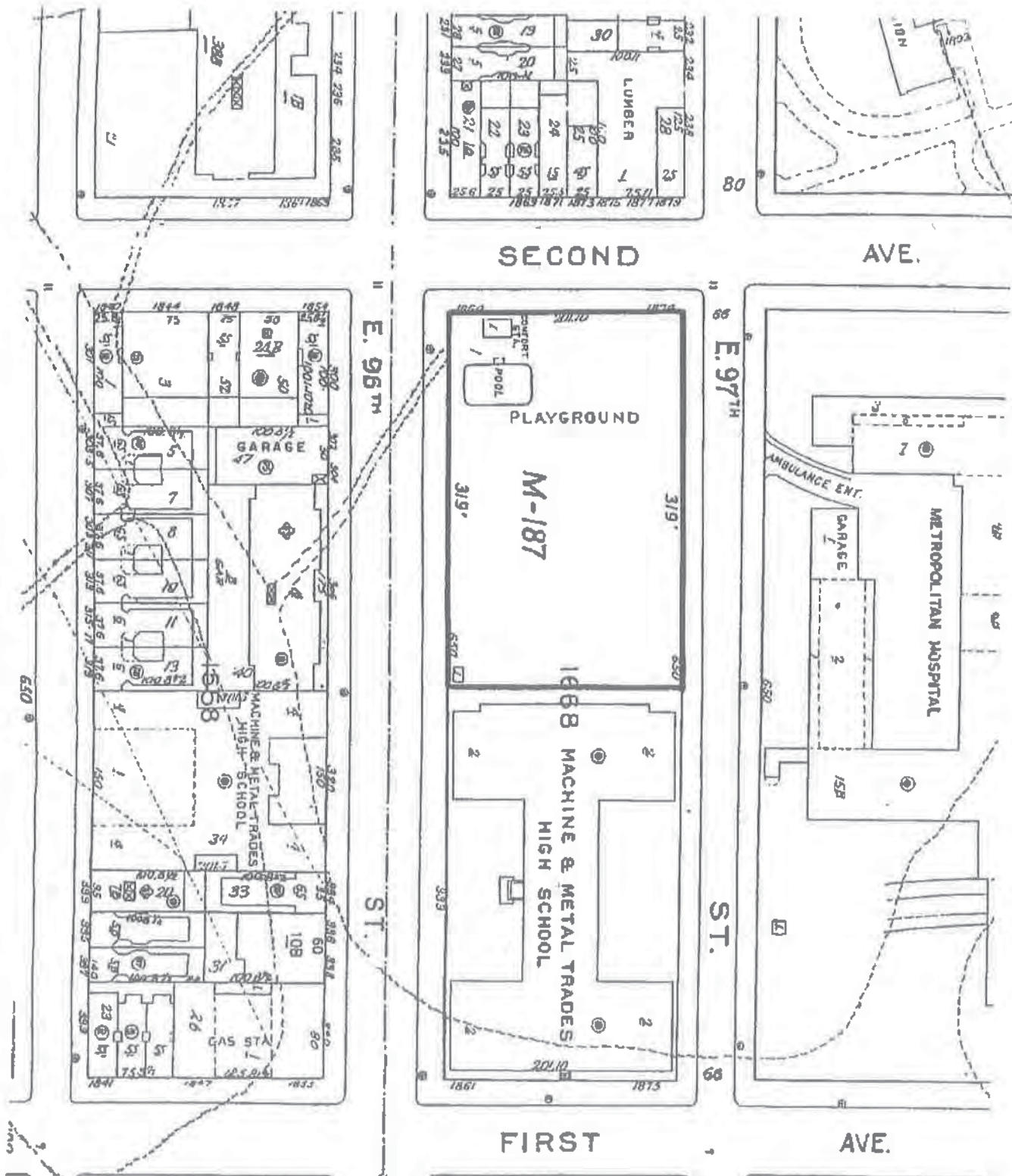
Borough of Manhattan

M-187

AREA = 1.47 ac.



*Jointly operated Playground.
T.V. in the City of N.Y. March 18, 1941.*



AN ACT in relation to authorizing discontinuance of the use
as parkland of land in the city of New York
commonly known as the Marx Brothers
playground

The People of the State of New York, represented in Senate and Assembly, do enact
as follows:

1 Section 1. Chapter 543 of the laws of 2004 authorized the city of New York, acting
2 through the department of parks and recreation of such city, to permit the metropolitan
3 transportation authority (MTA) to use a portion of the Marx Brothers playground in Manhattan,
4 temporarily, for construction support of the second avenue subway in exchange for the MTA
5 funding projects within the community and funding the restoration of the playground at the
6 conclusion of the construction. Chapter 543 identified the playground as parkland although it is a
7 school playground with park amenities jointly operated by the department of parks and recreation
8 and the department of education of such city and is not mapped as parkland. Construction of the
9 second avenue subway is completed and the city of New York would now like to turn over the
10 block on which the playground is located to the New York City Educational Construction Fund to
11 permit the construction of a combined occupancy structure, as that term is defined in section 452
12 of article 10 of the education law. The existing playground will be replaced by a new Marx
13 Brothers playground on the same block as, and equivalent in fair market value and usefulness to,
14 the existing playground. The new playground will be returned to the joint operation of the
15 department of parks and recreation and the department of education of such city and will not be
16 mapped as parkland. This alienation legislation is necessary because chapter 543 identified the

1 Marx Brothers playground as parkland although it is neither mapped as parkland nor under the
2 sole jurisdiction of the department of parks and recreation; rather it is a school playground with
3 park amenities jointly operated by the department of parks and recreation and the department of
4 education of such city.

5 §2. Subject to the provisions of this act, the city of New York, acting by and through
6 the department of parks and recreation and the department of education of such city, is hereby
7 authorized to discontinue the use as parkland of the land described in section three of this act,
8 commonly known as the Marx Brothers playground, and to transfer such land to the New York
9 City Educational Construction Fund to permit the construction of a combined occupancy structure,
10 as that term is defined in section 452 of article 10 of the education law upon such terms and
11 conditions as shall be agreed upon between the parties. Such terms and conditions shall include
12 the development of recreational facilities located on the same block as, and equivalent in fair
13 market value and usefulness to, the Marx Brothers playground. Such recreational facilities shall
14 be operated jointly by the department of parks and recreation and department of education of such
15 city but shall not be deemed to be a public park, as defined in Section 12-10 of the Zoning
16 Resolution, or parkland.

17 § 3. The lands authorized by section two of this act to be discontinued as parkland
18 are bounded and described as follows:

19 All that tract or parcel of land situate in the City of New York, County of New York, and State of
20 New York, bounded and described as follows:

21 Beginning at a point formed by the intersection of the easterly line of Second Avenue (100' wide
22 right of way), with the southerly line of East 97th Street (66' wide right of way), and from said
23 point of beginning running thence; 1. along the said southerly line of East 97th Street, south 61

1 degrees 00 minutes 41 seconds east, a distance of 319.00 feet to a point, thence; 2. through the
2 lands of Lot 1, Block 1668, south 28 degrees 59 minutes 19 seconds west, a distance of 201.83
3 feet to a point on the northerly line of East 96th Street (100' wide right of way), thence; 3. along
4 the said northerly line, north 61 degrees 00 minutes 41 seconds west, a distance of 319.00 feet to
5 a point formed by the intersection of said northerly line of East 96th Street with the said easterly
6 line of Second Avenue, thence; 4. along the said easterly line of Second Avenue, north 28 degrees
7 59 minutes 19 seconds east, a distance of 201.83 feet to a point and place of beginning, containing
8 64,384 square feet or 1.478 acres.

9 § 4. In the event that the city of New York received any funding support or
10 assistance from the federal government for the purchase, maintenance or improvement of the land
11 described in section two of this act, the discontinuance of such parkland authorized by section one
12 of this act shall not occur until the city of New York has complied with any federal requirements
13 pertaining to the alienation or conversion of such land, including satisfying the secretary of the
14 interior that the alienation or conversion complies with all conditions which the secretary of the
15 interior deems necessary to assure the substitution of other lands shall be equivalent in fair market
16 value and usefulness to the lands being alienated or converted.

17 § 5. This act shall take effect immediately.

CITY PLANNING COMMISSION RESPONSE

Tab 9. MARX BROTHERS PLAYGROUND IMPROVEMENTS

- A. Memo regarding extent of improvements with and without development project

See letter from Starr Whitehouse Landscape Architects on the following pages

Memorandum

Date: 05/26/2017
To: Jennifer Maldonado, NYC Educational Construction Fund
From: Stephen Whitehouse
Project Name: AvalonBay Communities, 321 East 96th Street, NY, NY
Subject: Improvements to Marx Brothers Playground



Message:

The objective of this memorandum is to compare the anticipated condition of the 64,150sf Marx Brothers Playground, located at 321 East 96th Street, in the borough of Manhattan, with and without the proposed mixed-use and public school development.

Condition without the Mixed-Use project

The playground's future condition without the mixed-use project is expected to be a combination of existing conditions and in-kind restoration of the MTA construction staging site pursuant to their permit with NYC Parks.

The existing play field would remain in its current condition and location. The field's artificial turf is in poor condition, being older than its recommended service life.

In 2004, the MTA was granted a construction and maintenance permit to occupy approximately 23,110 sf of the Marx Brothers Playground at the northeast corner of 96th Street and Second Avenue, for work associated with the construction of the Second Avenue Subway. Pursuant to the terms of the agreement with NYC Parks, the MTA is scheduled to vacate the site in September 2017 and must restore this portion of the playground to a condition acceptable by NYC Parks, which is typically defined as in-kind replacement.

Under this concept of in-kind replacement, site restoration would include perimeter sidewalk and curb reconstruction, street trees replacement, new park utility connections, replacement in-kind of playground equipment, and rough grading to restore the original grade. Prior play facilities on the site included a paved water spray area, swingsets, climbing equipment, safety surfacing and site fencing. Aside from general utility connections, the permit does not reference improvements to the NYC Parks comfort station.

In this future condition without the mixed-use project, the artificial turf field and most of the playground area, including the comfort station building, would remain within the designated 100-year flood plain.

S. Whitehouse to J Maldonado, re: Marx Brothers' Playground scenarios

05/25/17

Page 2

Any site improvements over and above the level of the MTA's restoration obligations, as set forth in the NYC Parks agreement, would necessitate additional City Capital funding, which has not been committed.

Condition with the Mixed-Use Project

The mixed-use redevelopment of the entire city block spanning from 2nd Avenue to 1st Avenue between East 96th Street and East 97th Street proposes to redevelop and upgrade the entire Marx Brothers Playground with new facilities and resiliency improvements. The proposed design would increase site resiliency by elevating the entire park, including a new multi-purpose athletic field and comfort station out of the 100-year floodplain to meet the Base Flood Elevation of 12' and Design Flood Elevation of 13', respectively.

Additional upgrades include two separate playgrounds for ages 2-5 and 5-12, spectator and companion seating, shaded picnic tables and gathering areas, and pedestrian security lighting, all designed in response to public comments gained during a community scope meeting in October 2016.

The playground comfort station would be constructed according to NYC Parks current design standards.

The mixed-use project provides an upgraded active recreation destination for local residents and high school students, which incorporates residents' programming suggestions and responds to the NYC Parks guidelines for designing in the floodplain, without using City Capital funds.

Cc: J. DesRosier

CITY PLANNING COMMISSION RESPONSE

Tab 10. SITE PHOTOS AND MASSING RENDERINGS

Project site, view northeast from East 96th Street and Second Avenue. MTA staging for Second Avenue Subway in foreground

1



Project site, view southwest from East 97th Street and First Avenue. School of Cooperative Technical Education in foreground

2



Project site, view southeast to Marx Brothers Playground from East 97th Street

3



East River Esplanade,
view north towards project site

4



East River Esplanade,
view south towards project site

5



First Avenue, view north from East 97th Street

6



First Avenue, view south from East 101st Street

7



Second Avenue, view north from East 92nd Street

8



Metropolitan Hospital, view from
Second Avenue and East 97th Street

9



Stanley Isaacs Playground,
view north from East 96th Street

10



Washington Houses, view northwest from
East 97th Street and Second Avenue

11



Isaacs NYCHA development,
view southeast from First Avenue
and East 95th Street

12





East 96th Street, view east from
west of Third Avenue 13



View west on East 100th Street from Third Avenue 14



View east on East 96th Street from Second Avenue 15

El Barrio Artspace, view from East 99th Street

16



Sports field adjacent to M.S. 244, on First Avenue

17



View east on East 97th Street from near Lexington Avenue

18



View south on Second Avenue from
East 102nd Street

19



View south on Second Avenue from
East 96th Street

20



View west on East 96th Street
from Second Avenue

21





View east on East 96th Street from First Avenue 22



View north on First Avenue from East 100th Street 23



Existing/No Action Condition



With Action Condition

This figure has been updated for the FEIS

ECF EAST 96TH STREET

Proposed Project in Context, Illustrative
View looking South on Second Avenue

Figure 8-11



Existing/No Action Condition



With Action Condition



Existing/No Action Condition



With Action Condition

Proposed Project in Context, Illustrative
View looking North on First Avenue
Figure 8-13



Existing/No Action Condition



With Action Condition

This figure has been updated for the FEIS

ECF EAST 96TH STREET

Proposed Project in Context, Illustrative
View looking North on Second Avenue
Figure 8-14



Existing/No Action Condition



With Action Condition

This figure has been updated for the FEIS

ECF EAST 96TH STREET

Proposed Project in Context,
Illustrative View looking East on East 96th Street

Figure 8-15



Existing/No Action Condition



This graphic has been revised for the FEIS.

With Action Condition

Proposed Project in Context, Illustrative
View looking Northwest from East River
Figure 8-16

APPENDIX F
WRITTEN COMMENTS ON THE
DRAFT ENVIRONMENTAL IMPACT STATEMENT



Diane Collier
Chair

Angel D. Mescain
District Manager

COMMUNITY BOARD ELEVEN

BOROUGH OF MANHATTAN
1664 PARK AVENUE
NEW YORK, NEW YORK 10035
TEL: (212) 831-8929/30
FAX: (212) 369-3571
www.cb11m.org

March 27, 2017

Marisa Lago
Director of Department of City Planning
120 Broadway
31st Floor
New York, NY 10271

Re: Recommendation on ULURP Application Nos. C 170226 ZMM, C 170228 ZSM, C 170229 ZSM

Dear Director Lago,

On March 21, 2017, Community Board 11 (CB11) held a public hearing and voted on the land use applications submitted by the New York City Educational Construction Fund (ECF) and Avalon Bay Communities Inc. with respect to their proposed project to be developed on a site occupying an entire city block (Block 1668, Lot 1), bounded by East 96th Street, Second Avenue, East 97th Street and First Avenue in the Borough of Manhattan (the "Project Area").

The applicant seeks to redevelop the project area by constructing a mixed-use building containing space for a school and a 68-story residential tower on Second Avenue and a community facility building containing space for two high schools on First Avenue. The proposed development also includes the reconstruction and relocation of the Marx Brothers Playground currently on the project area. The project area sits at the southern border of our district and abuts residential and well as institutional uses. The FDR Drive is accessible just to the east and to the west lays the entrance to the new Second Avenue Subway.

Our board has considered this project over the past few months and has hosted several presentations by the development team.

Project Description

The Proposed Development involves the construction of the new Mixed-use Building along Second Avenue on a portion of the current location of the Marx Brother Playground, the relocation of Co-op Tech to the Mixed-use Building, the demolition of the existing building along First Avenue currently housing Co-op Tech, the construction of the School Building along First Avenue and the reconstruction of the Playground in the midblock between the Mixed-use Building and School Building. The Proposed Development will contain approximately 1,270,600 square feet of floor area, or an FAR of 9.68. Upon redevelopment of the Project Area, the Proposed Development will provide approximately 260,000 square feet of new, modern school space in the East Harlem neighborhood.

The new school space will be used for the relocation of Co-op Tech into a new state-of-the-art facility suited for its vocational curriculum, and the relocation of two neighborhood public high schools (the Heritage School and Park East High School) to the Project Area in new, larger facilities. This will provide much relief to cramped, shared classrooms and help achieve a better learning environment.

The Mixed-use Building is proposed to contain 68-stories and approximately 1,140,000 square feet of floor area and rise to a height of approximately 760 feet, including bulkheads and rooftop mechanical space. The uses within the Mixed-use Building will include approximately 990,000 square feet of residential floor area, of which a minimum of 25% (approximately 247,500 square feet) will be affordable floor area in accordance with the Mandatory Inclusionary Housing Program, approximately 20,000 square feet of commercial floor area for retail establishments serving neighborhood needs, and approximately 130,000 square feet of community facility floor area occupied by Co-op Tech.

The base of the Mixed-use Building will occupy the entire 200 feet of frontage along Second Avenue and extend along both East 96th and East 97th Streets for 220 feet. The base will contain nine-stories and rise to approximately 185 feet at the street line, including bulkheads and rooftop mechanical space. Approximately 70 feet south of the intersection of Second Avenue and East 97th Street, the tower rises to 60 stories. The tower rises another eight stories at the intersection of Second Avenue and East 96th Street, reaching its full height of 760 feet, including rooftop mechanical and bulkheads.

Co-op Tech will be located in the portion of the base of the Mixed-use Building fronting upon East 97th Street. The remainder of the nine-story base fronting upon Second Avenue and East 96th Street will be occupied by first- and second-story local retail establishments, residential lobby space, residential common areas, amenity space and dwelling units. The Mixed-use Building will contain approximately 1,100 to 1,200 new dwelling units with approximately 330 to 360 (30%) as affordable units.

The School Building will occupy the entire First Avenue frontage of the Project Area, and approximately 110 feet of frontage along both East 96th and East 97th Streets. It is proposed to contain nine-stories and approximately 130,000 square feet of floor area. To accommodate the programmatic needs of the new high schools, it will rise without setback to a total height of 185 feet including bulkheads and rooftop mechanical space. Upon completion it will house two existing high schools relocated from elsewhere in the East Harlem neighborhood, the Park East High School currently located at East 105th Street between Second and Third Avenues and the Heritage School currently located at Lexington Avenue between East 105th and East 106th Streets.

Both the Park East High School and the Heritage School are currently located in spaces that provide cramped learning environments, lack of appropriate cafeterias and gymnasiums, lack of storage facilities and are unable to accommodate student needs. And in spite of these conditions, Park East and Heritage 4-year graduation rates exceed citywide average. In the new school, Park East High School and the Heritage School would share common state of the art cafeteria, gymnasium and auditoriums, but would otherwise operate fully independent of each other.

The Heritage School was co-founded by Teachers College, and has a unique interdisciplinary curriculum integrating arts, cultural visits and foreign languages in addition to Regents based courses. Through their programming, the Heritage School seeks to have students become respectful citizens and leaders who have the skills and habits of mind to be successful in higher education and the world beyond. The Heritage School has a population of approximately 340 students.

Park East High School is an academic alternative high school featuring all required Regents classes with a range of electives. The school stresses critical thinking and multiple learning strategies in all subject areas through a supportive environment that fosters student, staff and parent communication, while encouraging high standards and participation in meaningful schoolwide activities. They offer 9th Grade Block Programming with an emphasis on reading and writing skills and the Institute for Student Achievement is part of the fabric of the school. The Park East High School has a population of approximately 430 students.

Upon completion of the Mixed-use Building and the School Building, the Playground will be reconstructed to its current size of approximately 64,150 square feet in area. At the request of the New York City Department of Parks and Recreation, the Playground will be moved away from Second Avenue to the middle of the block. The Playground will be constructed by the Applicant and it is anticipated that it will include an approximately 600 square foot comfort station and maintenance building, along with play equipment and courts and fields for active recreation. The actual design of the Playground will be developed in conjunction with the Parks Department and the community.

As noted above, the portion of the Playground fronting upon Second Avenue is currently being used by the Metropolitan Transportation Authority for construction staging activities associated with the Second Avenue subway line. This use was authorized by the State Legislature in 2004 subject to the condition that upon completion of construction, the area would be restored for "park purposes." Since the Mixed-use Building is proposed to be constructed within the current Playground location, the State Legislature must approve new legislation designating the mid-block of the Project Area - between the Mixed-Use Building and the School Building - for the reallocation and reconstruction of the Playground. Prior to approval by the State Legislature, the New York City Council must adopt a home-rule message requesting the State legislation authorizing the relocation and reconstruction of the Playground.

Accessory parking is not required for the community facility, retail or affordable housing components of the Proposed Development. Accessory off-street parking, however, is required for a minimum of 40% of the non-income restricted dwelling units. This application includes a request to waive all accessory parking required for the none-income restricted dwelling units within the Mixed Building. With this waiver, no parking will be required for the entire Proposed Development. The Applicant may choose to provide approximately 120-spaces within a below grade accessory parking facility. If accessory parking is provided, it is anticipated that at minimum of nine spaces would be used by school administrators and faculty, and up to 111 spaces could be used by residents.

The Project Area is currently served by seven curb cuts. The Proposed Development will reduce this number to five curb cuts - three along East 97th Street (a narrow street) and two along East 96th Street (a wide street). All of the curb cuts are 22 feet wide and are located beyond 50 feet from the nearest intersection. Two curb cuts are proposed to be provided in connection with the Mixed-Use Building, with one located along East 97th Street, and another along East 96th Street.

The East 97th Street curb cut will provide access to a ramp for vehicles used in automotive repair classes at Co-op Tech. The East 96th Street curb cut will provide access to loading and the below grade accessory parking garage if developed. Two additional curb-cuts are proposed for loading and unloading associated with the operations of the School Building, one along East 97th Street and one along East 96th Street. A final curb cut is proposed along East 97th Street that will provide access to the Playground for Department of Parks and Recreation maintenance vehicles.

Actions Necessary to Facilitate the Proposal

In order to facilitate the Proposed Development, the Applicant requests the following series of actions:

Zoning Map Amendment (C 170226 ZMM)

The applicants propose a zoning map change to Zoning Sectional Map 6b: from an R7-2 district to a C2-8 district property bounded by Second Avenue, East 97th Street, a line of 100 feet easterly of Second Avenue, and a line midway between East 97th Street and East 96th Street; from an R7-2 district to an R10 district property bounded by a line 100 feet easterly of Second Avenue, East 97th Street, First Avenue, and a line midway between East 97th Street and East 96th Street; an R10 district to a C2-8 district property bounded by Second Avenue, a line midway between East 97th Street and East 96th Street, a line 100 feet

easterly of Second Avenue, and East 96th Street; and an R10A district to an R10 district property bounded by a line 100 feet easterly of Second Avenue, a line midway between East 97th Street and East 96th Street, First Avenue, and East 96th Street; Borough of Manhattan, Community District 11.

Special Permit to modify the height and setback requirements (C 170228 ZSM)

The applicants seek a special permit pursuant to Section 74-75 of the Zoning Resolution to modify the height and setback requirements of Sections 23-64 (Basis Height and Setback Requirements), 23-65 (Tower Regulations), 23-51 (Tower-on-a-Base) and 24-50 (Height and Setback Regulations), and to modify the requirements of Section 24-11 (Maximum Floor Area and percentage of Lot Coverage), in connection with a proposed mixed-use development, on a property bounded by East 97th Street, First Avenue, East 96th Street and Second Avenue, in R10** and C2-8**

* Note: a zoning text amendment is proposed to modify Section 74-75 of the Zoning Resolution under a concurrent related application (N 170227 ZRM).

** Note: the site is proposed to be rezoned by changing under concurrent related application for zoning map change (C 170226 ZMM).

Special Permit for the Waiver of Parking Requirements (C 170229 ZSM)

Special Permit pursuant to Section 197-c and 201 of the New York City Charter for a special permit pursuant to Section 74-533 of the Zoning Resolution to waive all required accessory off-street parking spaces for dwelling units in a development within a Transit Zone, that includes at least 20 percent of all dwelling units as income-restricted housing units, in connection with a proposed mixed-use development, on a property bounded by East 97th Street, First Avenue, East 96th Street and Second Avenue in R10** and C2-8 districts.

** Note: the site is proposed to be rezoned by changing under concurrent related application for zoning map change (C 170226 ZMM).

Community Board Comments

As proposed, the ECF East 96th Street project will create affordable housing, construct modern school facilities for East Harlem high-school students, rehabilitate the Marx brothers Playground and include retail space. Each of these factors are welcome additions to our community, however we have some concerns that we ask the development team to address. Particularly, given the dire need for affordable housing in our community, we ask that the number of affordable units be increased from that currently proposed and that these units be kept affordable long-term.

The Marx Brothers Playground is a valued community resource that we are please will be rehabilitated for use by these schools and our community members. However, we are concerned about community access to the playground during no-school hours. Given the high demand and use of permits for the Marx Brothers, the playing field is too often off limits to the community residents who wish to use the field for non-organized activity. We ask that the development team work with the Department of Parks and Recreation to set side time each day of the week during which permits will not issued so as to allow open access to community residents wishing to use of the playing field.

Similarly, board members expressed concern about the high school seats in the modern schools will not be available for East Harlem children due to NYC Department of Education (DOE)'s city wide open enrollment. While the principals have stated to improve their marketing to East Harlem District schools, we ask that ECF and DOE commit to providing priority enrollment for students residing in East Harlem applying to Heritage High School, Park East High School, and most importantly Co-op Tech.

The proposed project includes a residential tower of 68 stories, which would be as tall as the tallest buildings in East Harlem and the neighboring block to the south. While we understand the benefits of the fuller project and the costs that will be borne by the developer without public subsidy, our community has expressed its serious concerns about the height of the tower and potential implication for future development in East Harlem. As such, we ask that the development team explore every option to significantly reduce the height of residential tower.

Community Board 11 looks forward to continual dialogue with the development team to ensure their commitments to the East Harlem community are honored as the project proceeds in the ULURP process.

Community Board Recommendation

Community Board 11 (CB11) recommends approval with conditions of ULURP Application Nos. C 170226 ZMM, C 170228 ZSM, and C 170229 ZSM provided that the New York City Educational Construction Fund and Avalon Bay Communities Inc.:

- 1. Include more affordable housing units, with 50% of units to be permanently affordable**
- 2. Consult with CB11, the New York City Department of Housing Preservation & Development, and the office of Council Speaker Melissa Mark-Viverito to request subsidies from HPD to ensure that 50% of units will be permanently affordable**
- 3. Explore an alternative design scenario that reduces the height of the residential tower**
- 4. Include senior housing units**
- 5. Specify the exact number of residential units being built by category and size.**
- 6. Commit to establishing a “First Source” hiring program and allocate funds to target and identify job opportunities for residents of East Harlem throughout the development of the project**
- 7. Commit to workforce development, allocate funds for OSHA training & construction training, and assist with pipeline capacity.**
- 8. Commit to 35% local hiring in all construction positions for union and non-union East Harlem residents at minimum prevailing wage (\$40 P/H) or more depending on skill set and experience**
- 9. Commit to 50% local hiring for all new hire post construction positions**
- 10. Work to ensure that local East Harlem MWBE/LBE organizations receive 35% of all construction contracts**
- 11. Provide internship opportunities, property/project management training as well as skillset enhancement for East Harlem hires.**
- 12. Present a systematic hiring program which provides a quarterly review of the progress of the organization achieving the goals stated by CB11.**
- 13. Work to secure a written commitment by the NYC Department of Education to provide priority enrollment for students residing in East Harlem applying to Heritage High School, Park East High School, and Co-op Tech.**
- 14. Retail space be provided at reduced cost for local East Harlem retail establishments that have been/may be displaced**
- 15. Repurpose retail space to provide community facility space at reduced cost for locally-based health and human service providers**
- 16. Assist small business in sustaining their operations with below market rents and counseling services if needed.**
- 17. Work with the NYC Department of Parks and Recreation to establish “open play” hours during which permits will not be issued that would restrict access for community use of the playing field**

18. Incorporate adult fitness opportunities in the Marx Brothers Playground

If you have any questions regarding our recommendation, please contact Angel Mescain, District Manager at 212-831-8929 or amescain.cb11@gmail.com.

Sincerely,

A handwritten signature in black ink that reads "Diane Collier". The signature is written in a cursive, flowing style.

Diane Collier
Board Chair



George M. Janes

& Associates

250 E. 87th Street

New York, NY 10128

Tel: 646.652.6498

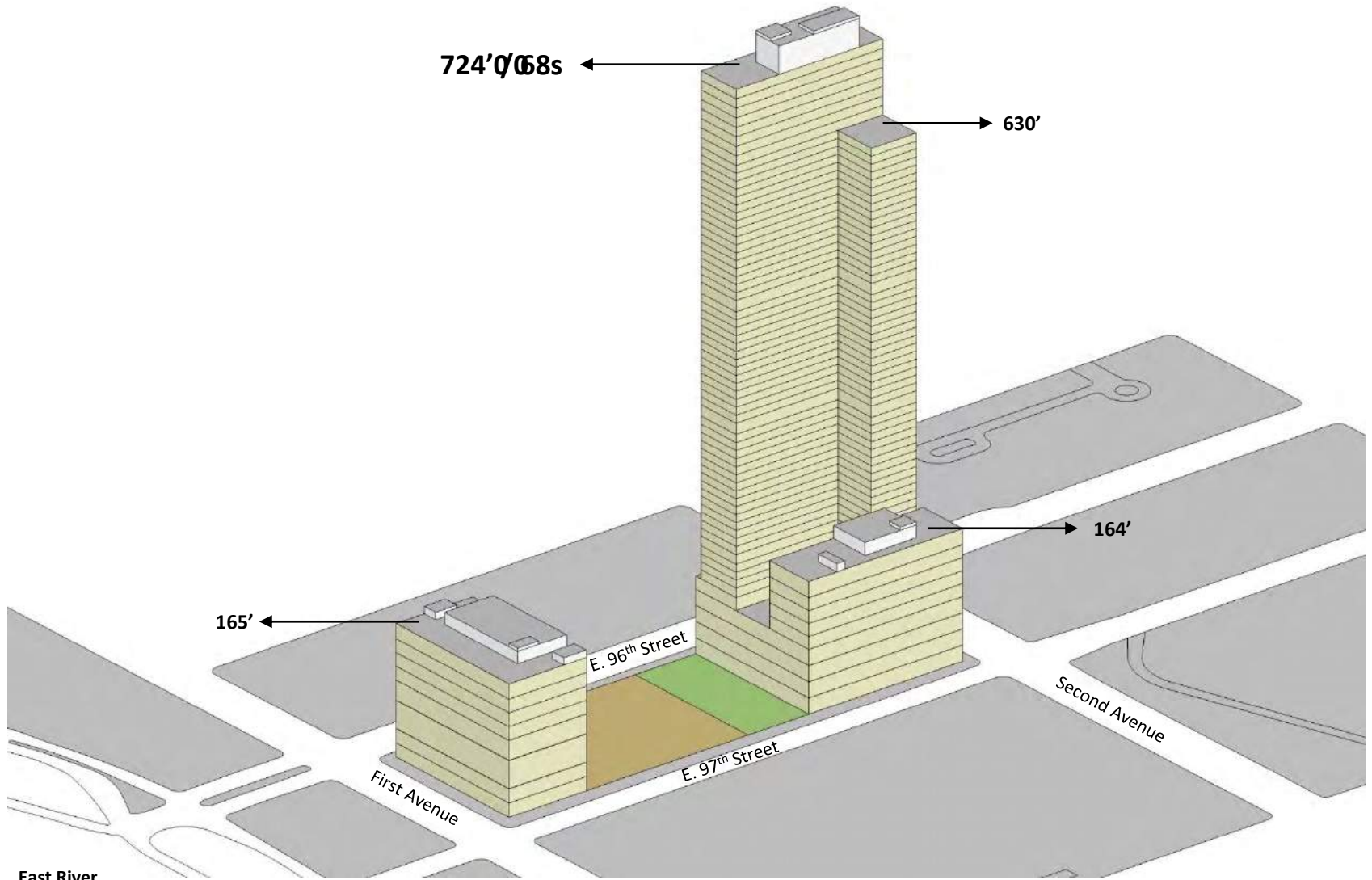
george@georgejanes.com

96th Street ECF Project in Context

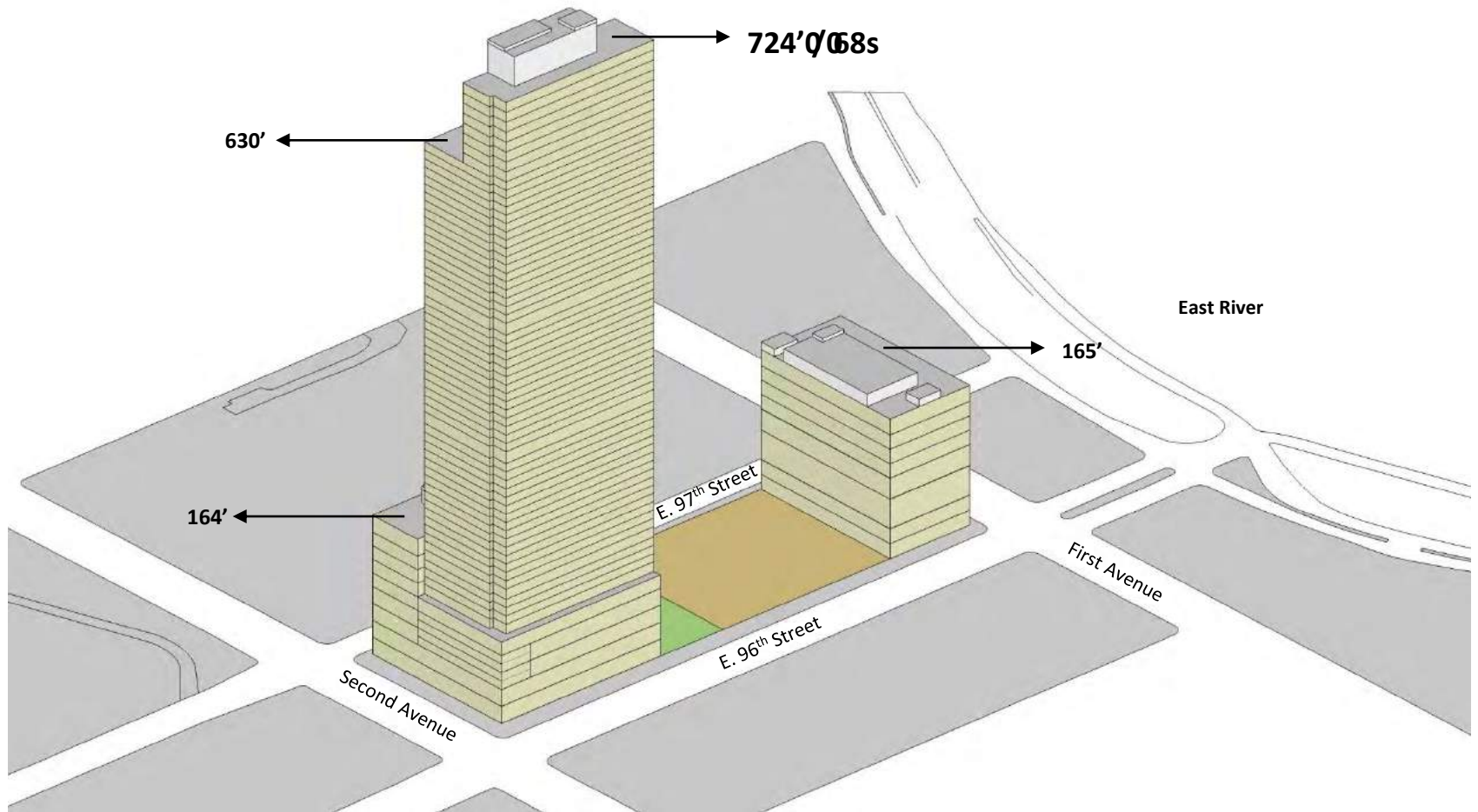
And Alternatives

3.8.2017

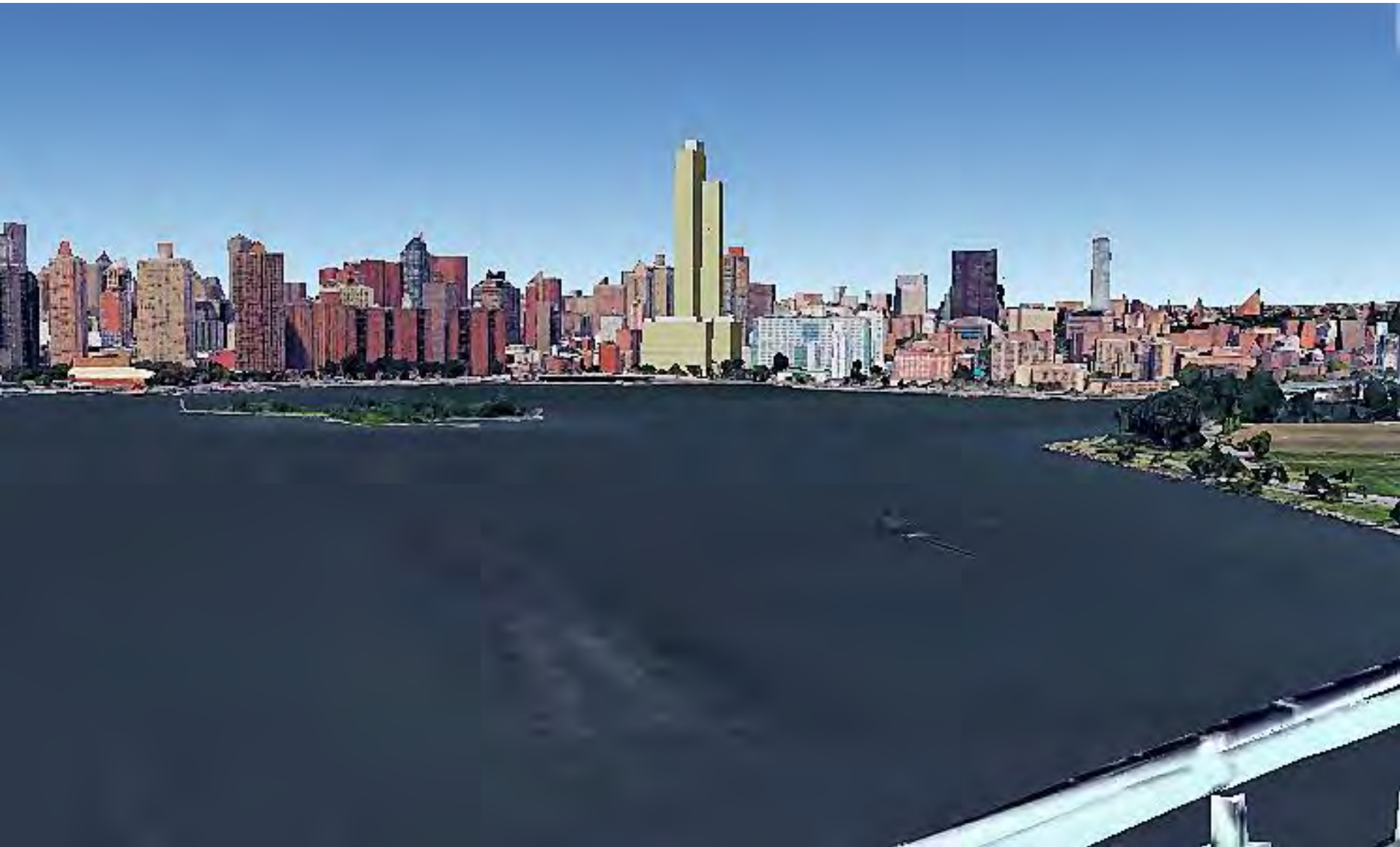
As proposed



As proposed



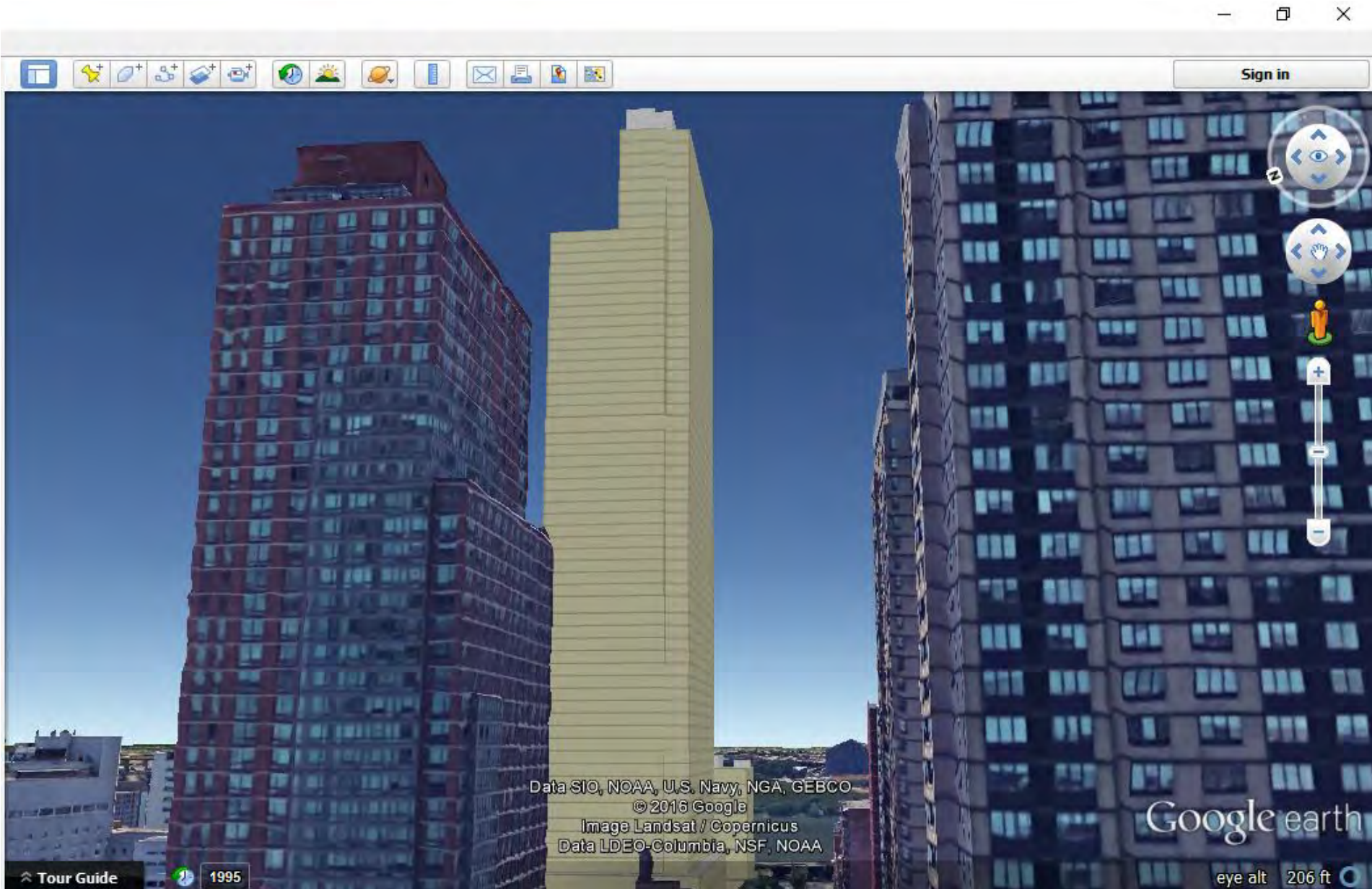
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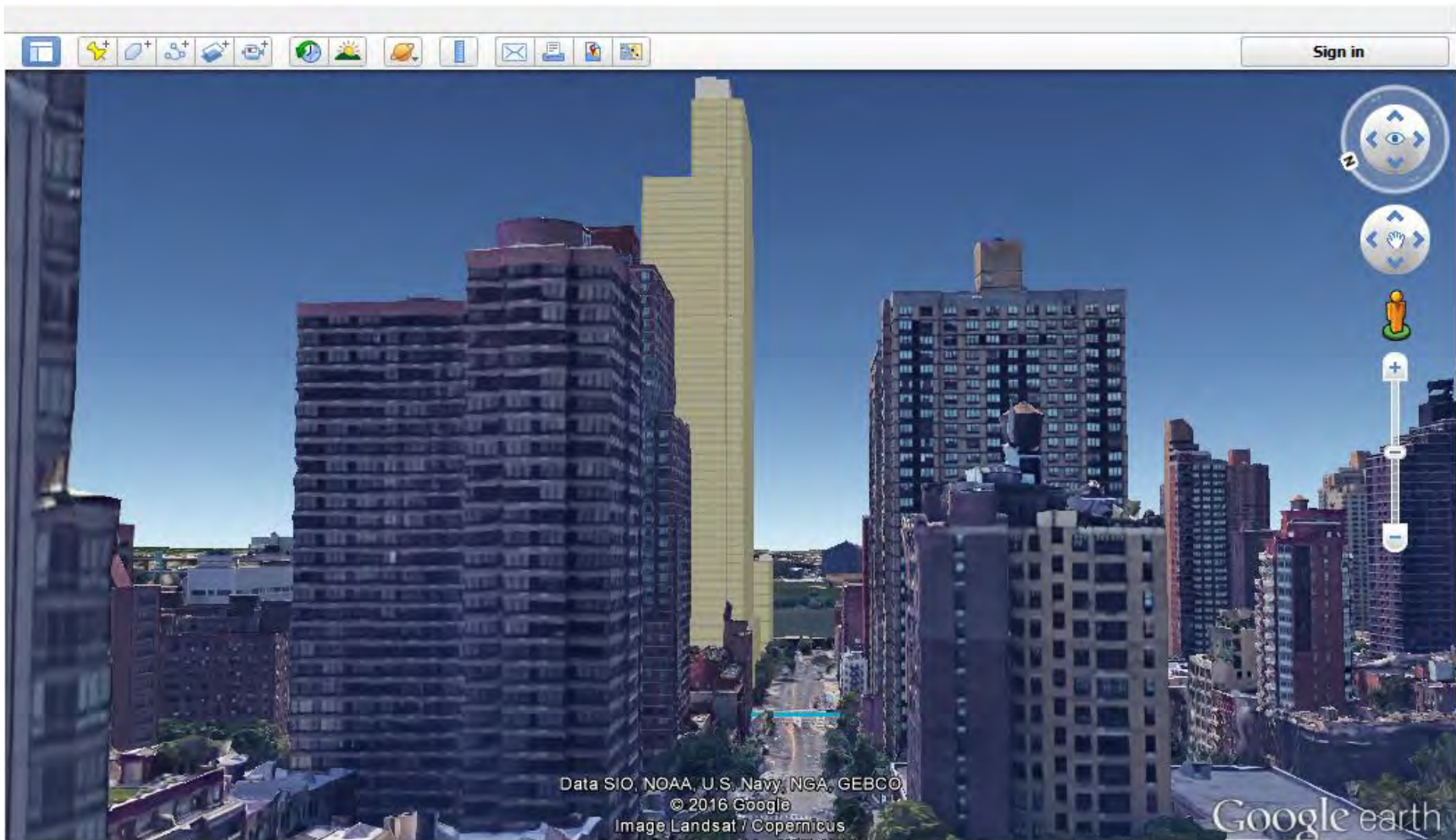
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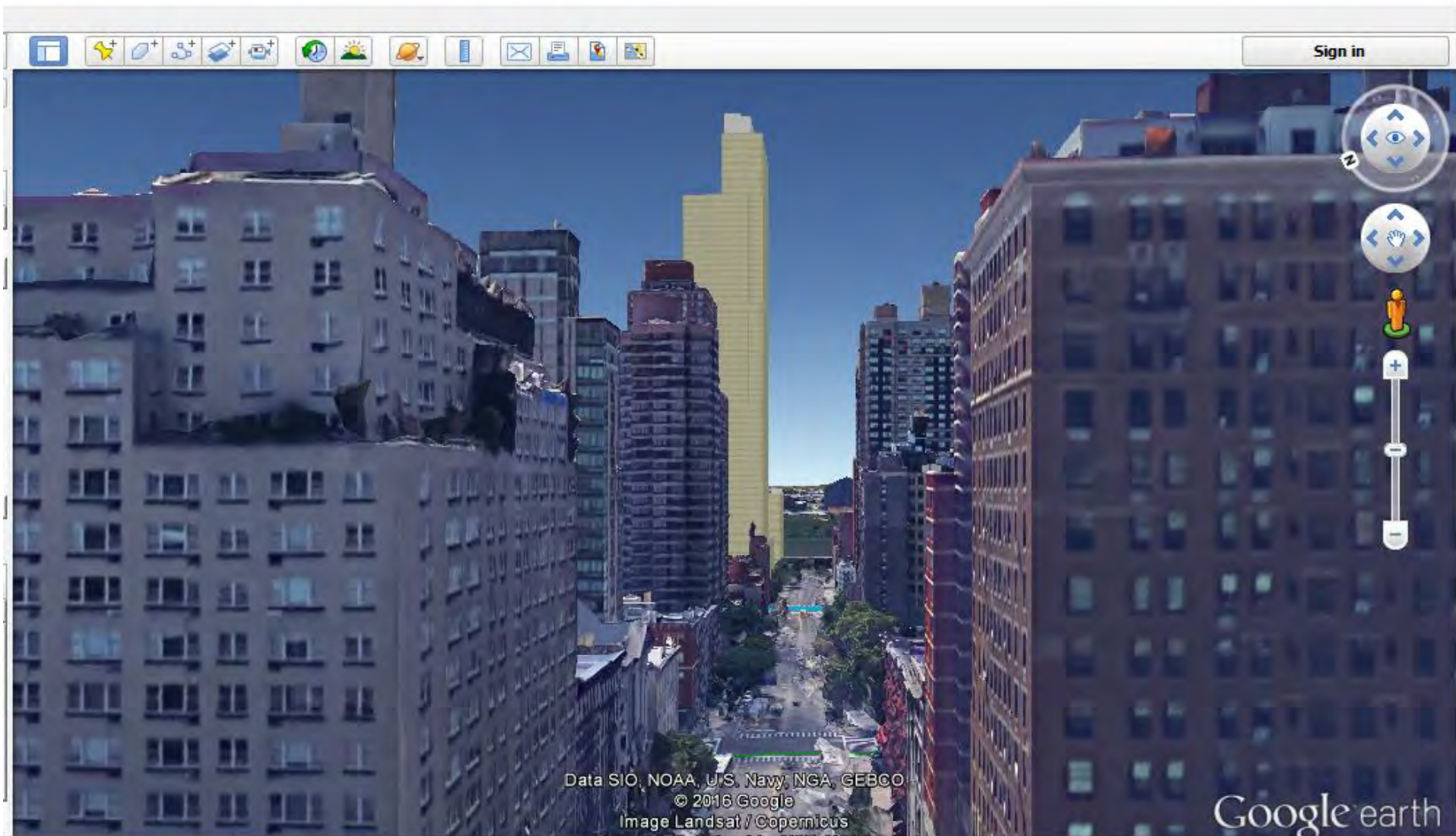
Third and 96th



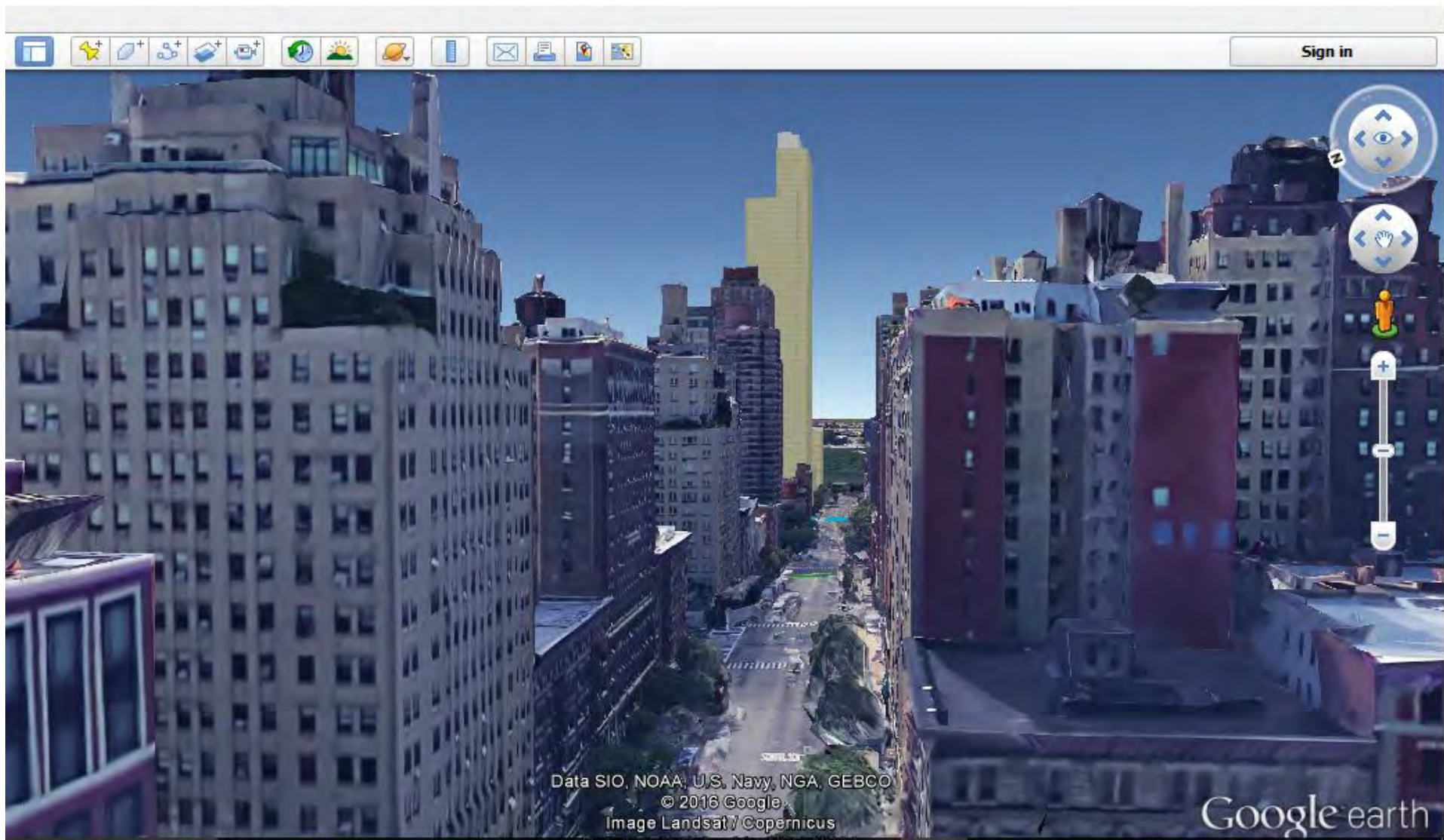
Lex and 96th



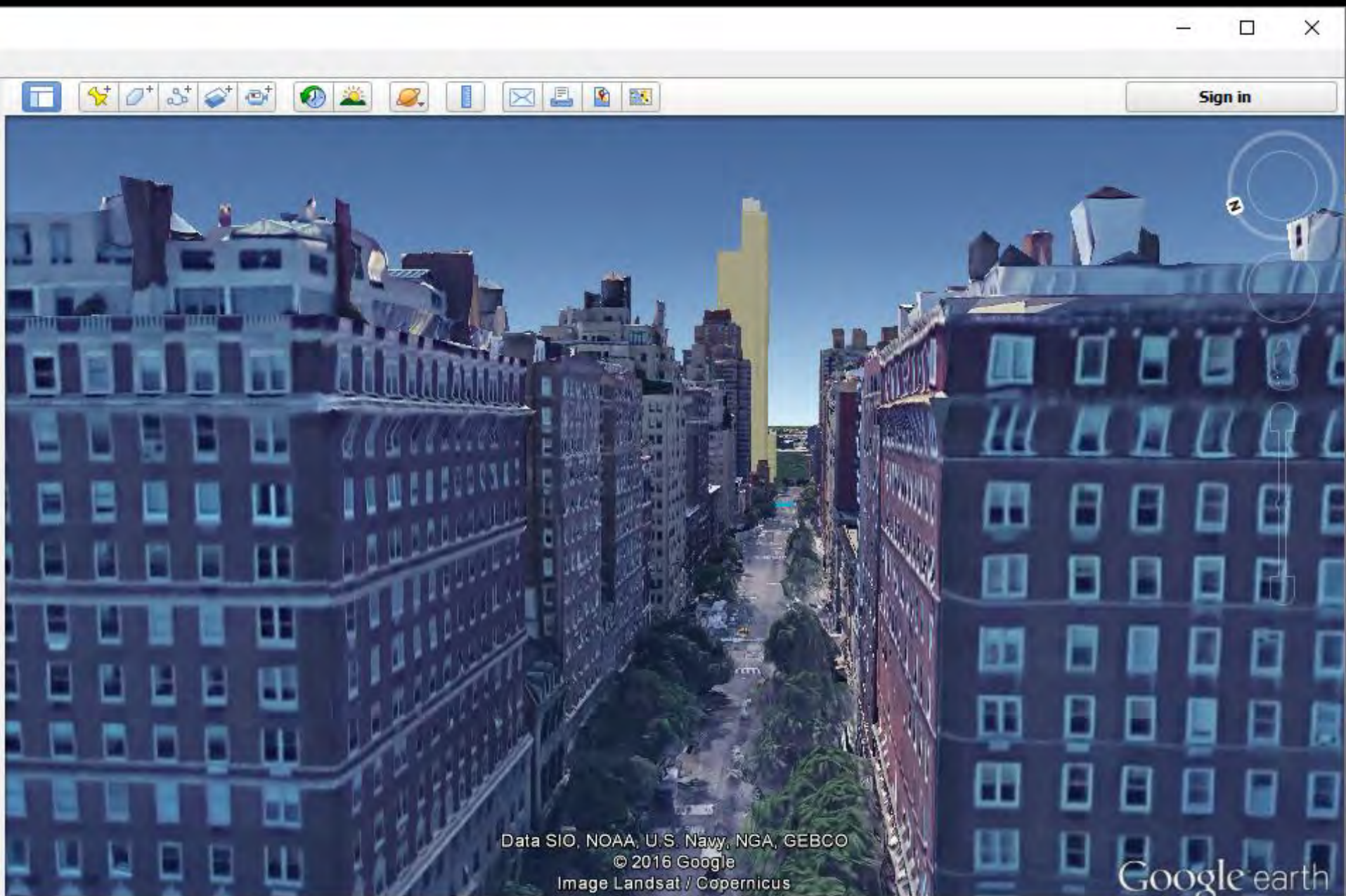
Park and 96th



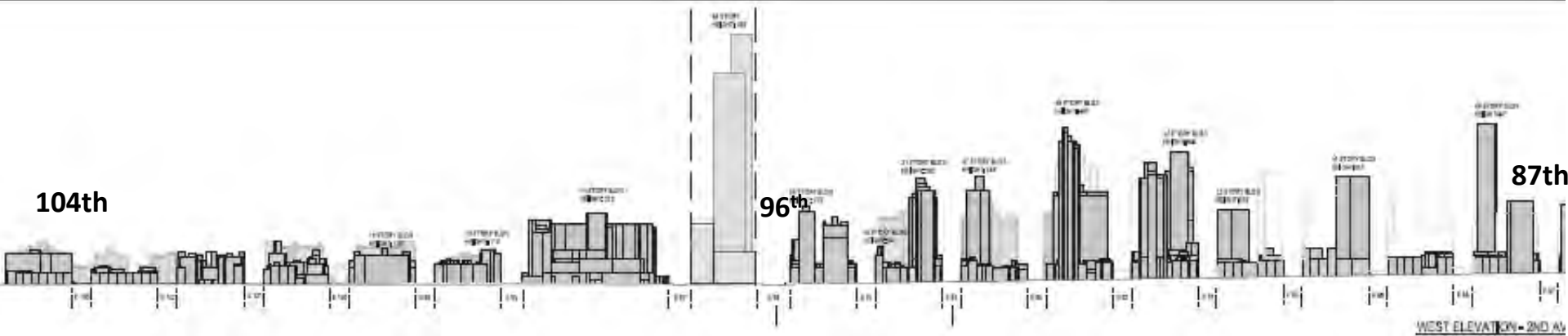
Madison and 96th



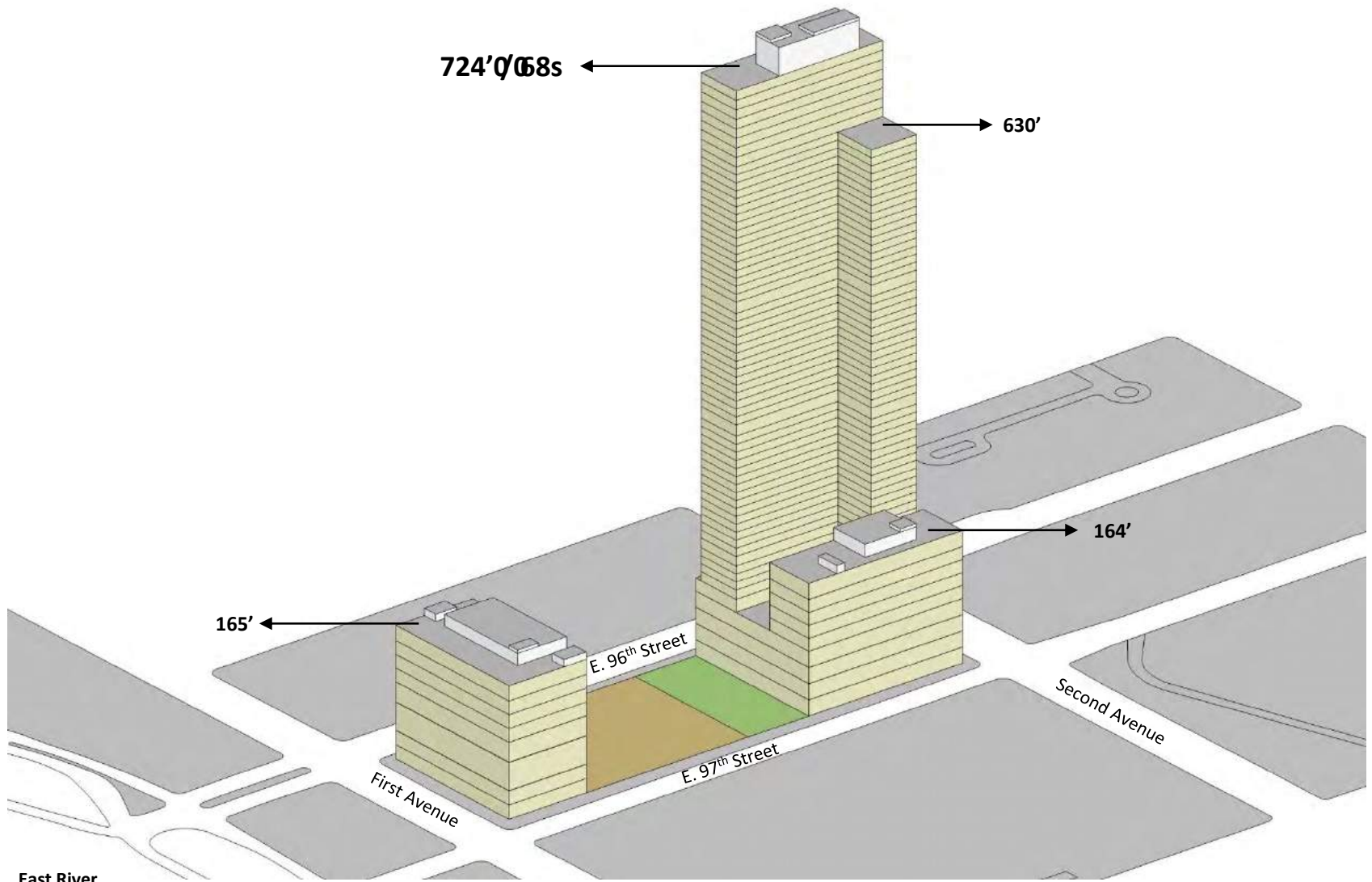
Fifth and 96th



Second Avenue from 104th to 87th

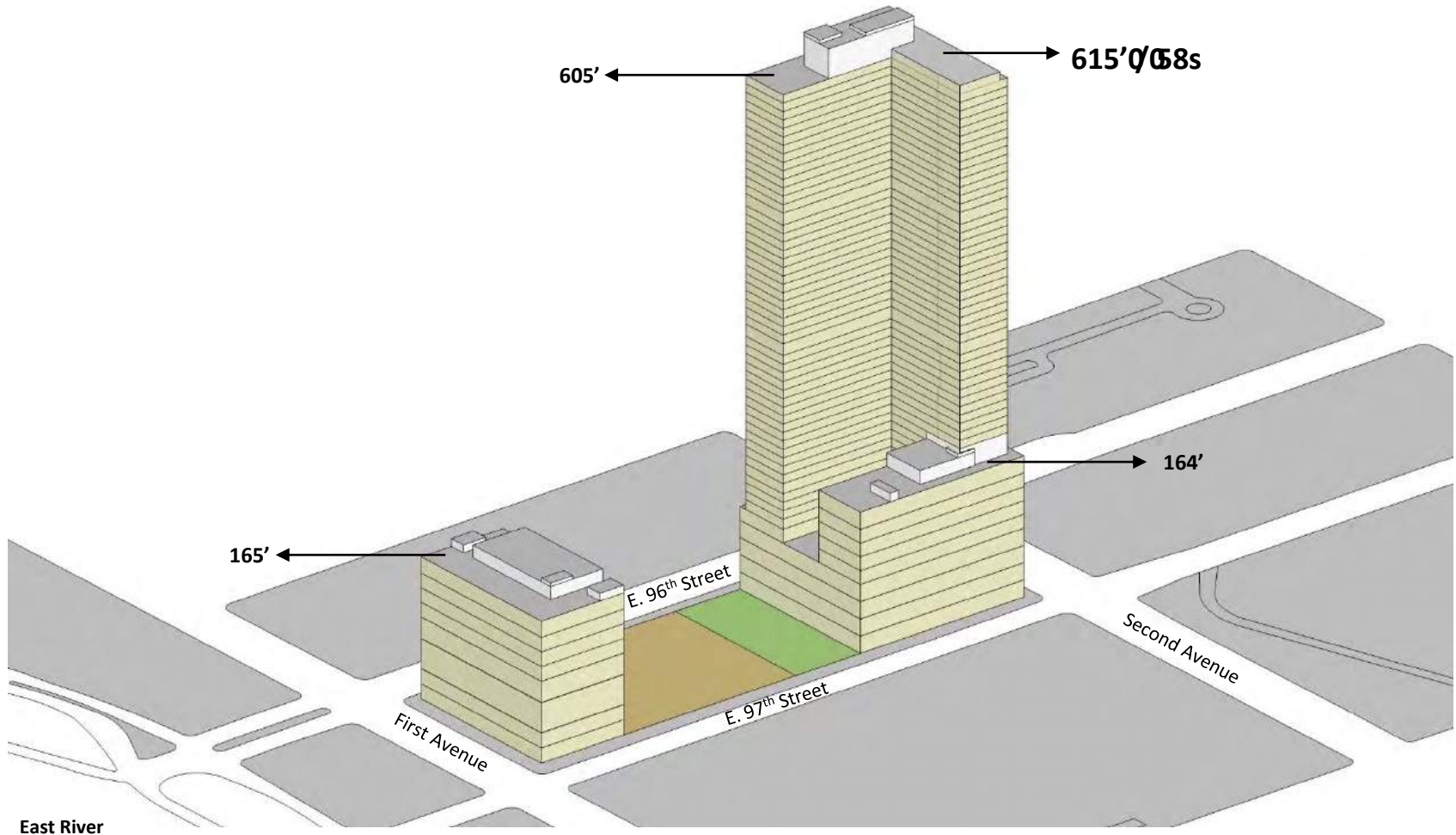


As proposed



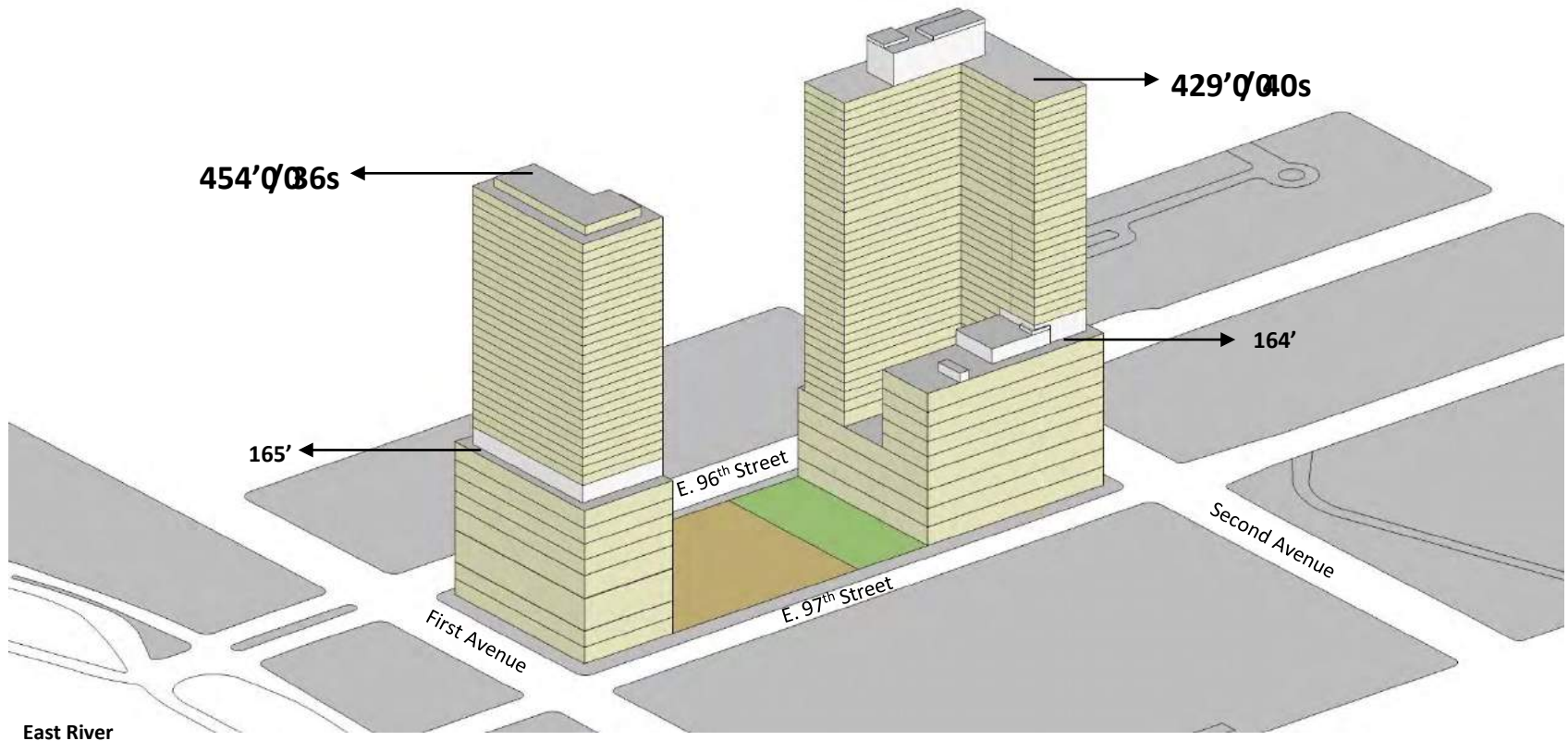
Option 1: Overbuild and keep schools the same

Expands the building over part of Co-op Tech, loses 10 stories



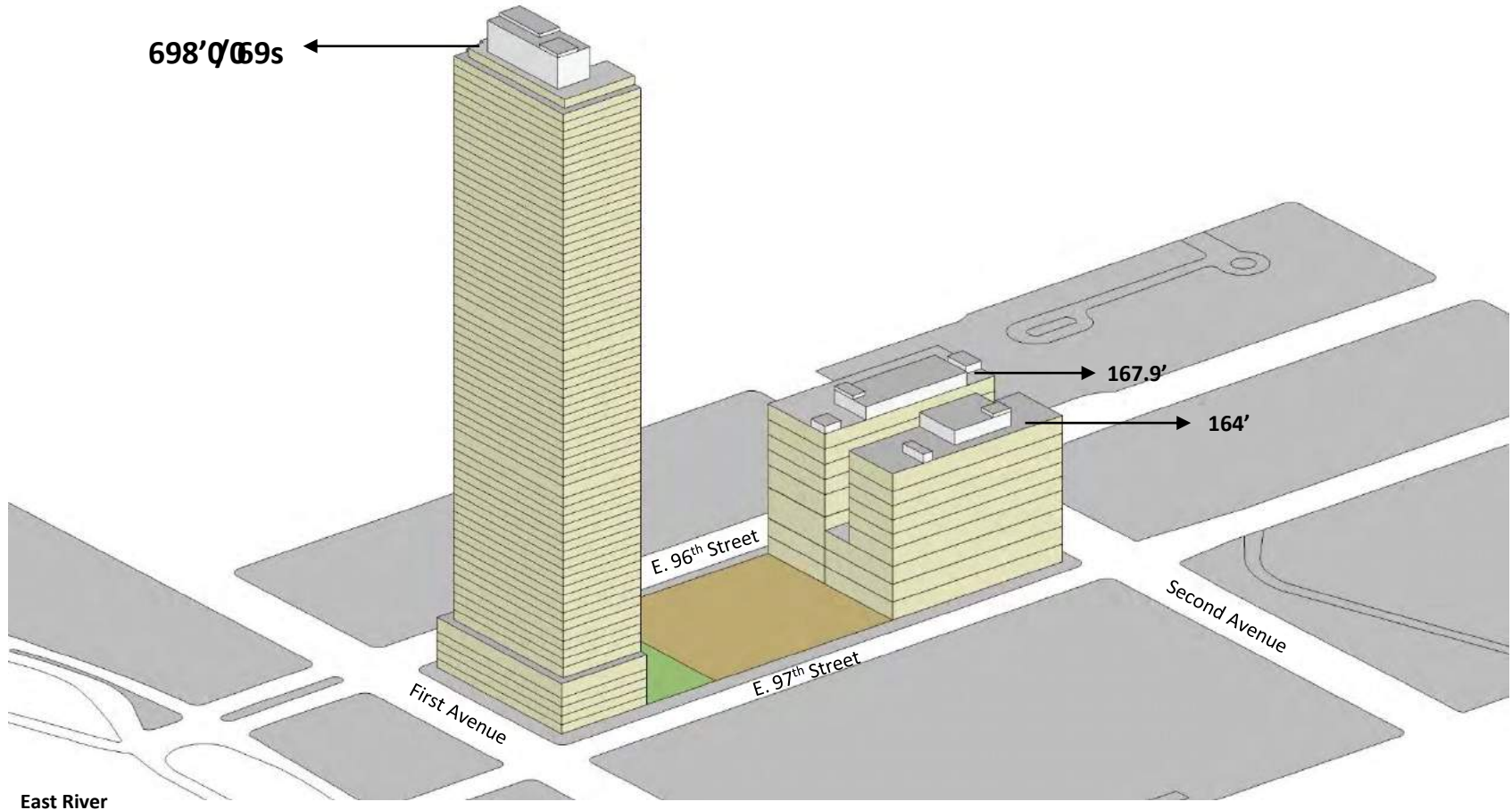
Option 2: Put residential on top of school at 1st

Compromises the school, but brings buildings down to ~450 feet



Opt 3: Move res. building to 1st and put schools on 2nd

Still huge and a poor place for the building (flooded during Sandy)



The overbuild option is the simplest way to reduce height without compromising the schools

Con:

- Increases building cost
- Doesn't lower building height much
- Compromises part of the roof of Co-op Tech

Pro:

- Lowers building height while keeping core out of school
- A minor change that would likely not restart ULURP

Building is still very tall, taller than Mt. Sinai by about 75 feet

The two building option dramatically lowers building height

Con:

- The usability of the school is compromised with residential core going through building
- Would likely restart ULURP

Pro:

- Substantially lowers building height

Buildings are still very tall, about 100 feet taller than Taino Towers, but 100 feet shorter than Mt. Sinai



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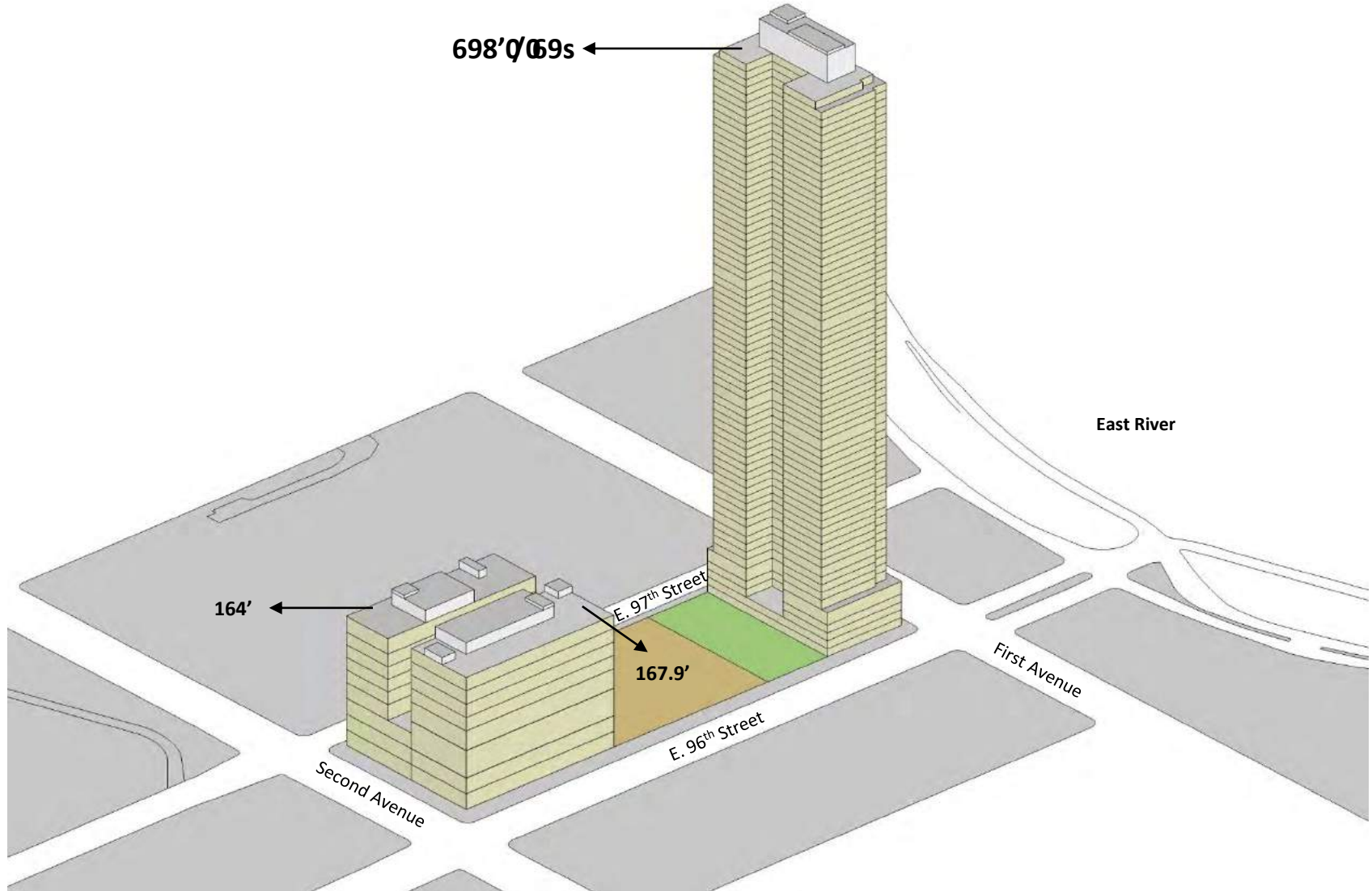
96th Street ECF Project in Context

And Alternatives

3.8.2017

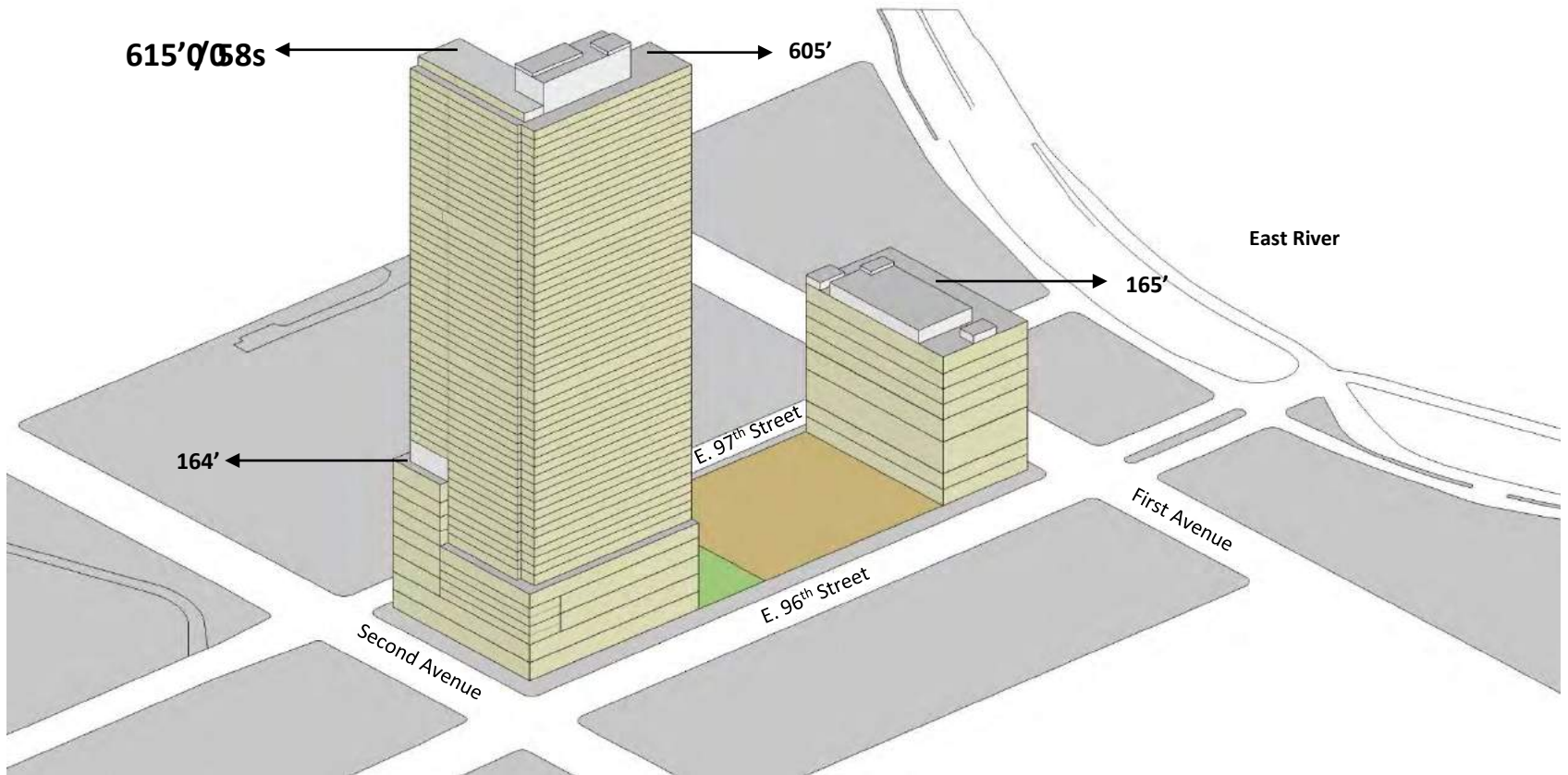
Move res. building to 1st and put schools on 2nd

Loses about 6 floors, still huge and a poor place for the building (flooded during Sandy)



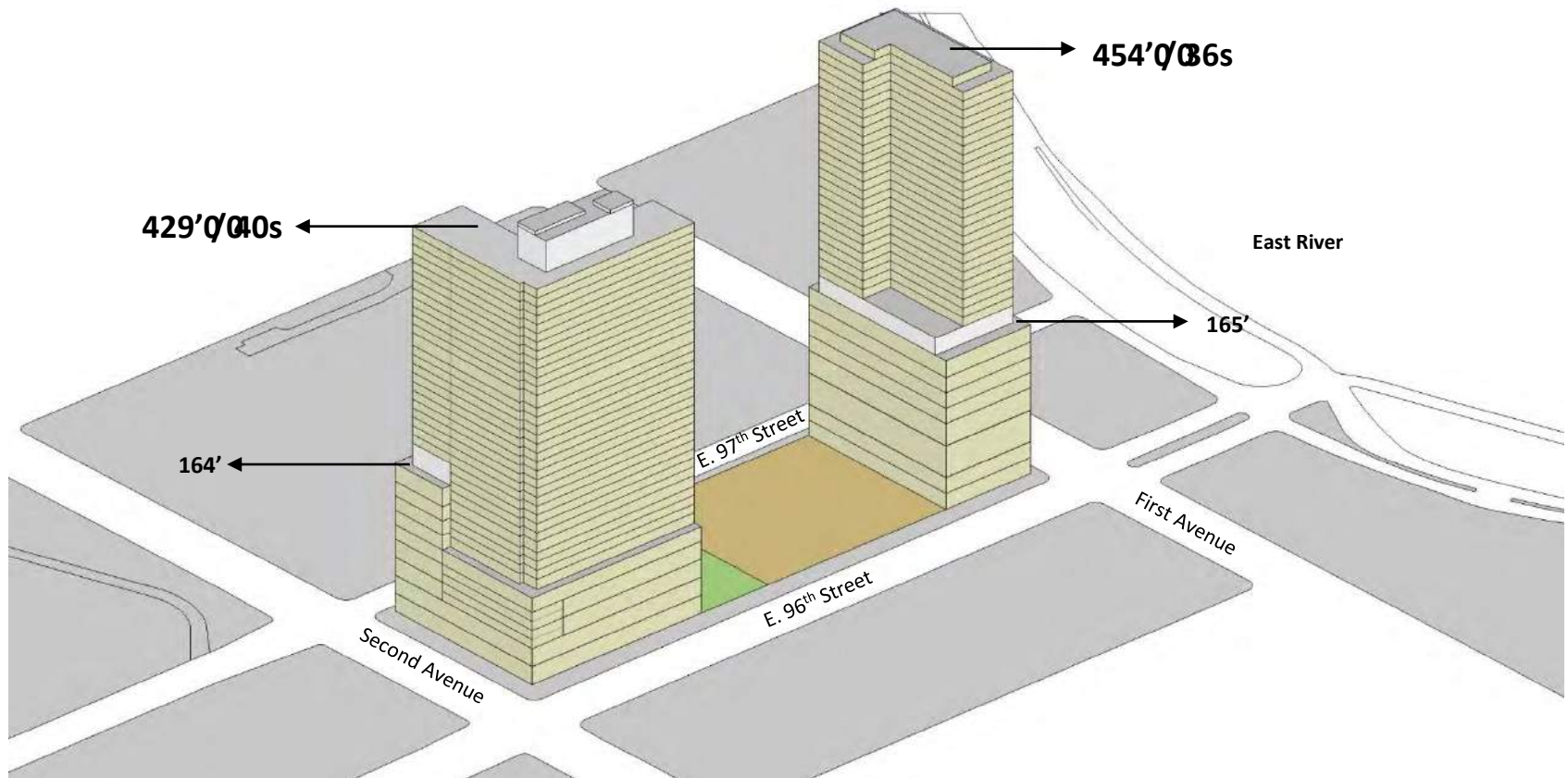
Keep schools the same

Expand residential building over part of Co-op Tech, loses 10 stories



Put residential on top of school at 1st

Compromises the school, but brings buildings down to ~450 feet



CARNEGIE HILL NEIGHBORS

May 22, 2017

City Planning Commission
Educational Construction Fund

Re: The ECF East 96th Street – Schools & Residential Tower Development Project
Comments on Draft Environmental Impact Statement
Applicant: Educational Construction Fund
Location: 96th Street – 97th Street; 1st Avenue – 2nd Avenue
(Block 1668, Lot 1)

Dear Honorable Melissa Lagos:

I am writing on behalf of Carnegie Hill Neighbors to share our serious concerns about the Draft Environmental Impact Statement prepared in connection with the Educational Construction Fund's ("ECF") proposed alienation of the Marx Brothers Playground, a city-owned park that occupies the western half of the block (the "Block") between 1st and 2nd Avenues, 96th and 97th Streets, to ECF and its relocation, and the transfer of newly generated development rights derived from the alienated Playground to Avalon Bay, a private, market-rate developer for the construction of a 1.1 million square foot, 760 foot tall residential tower with 20,000 square feet of commercial space, and three high schools (270,000 square feet), and the associated rezoning and other actions to be approved through the Uniform Land Use Review Procedure. (Note: The Marx Brothers Playground is owned by NYC Department of City-wide Administrative Services and the Board of Education; it is a "jointly operated park" by the Department of Parks & Recreation and the Board of Education.)

The Draft Environmental Impact Statement (DEIS) describes the impact of the height of the proposed residential tower in Visual Character and Shadow and concludes that the height of the proposed building does not have an adverse impact; this conclusion is not reasonable or defensible. The DEIS describes several unmitigated environmental impacts that are not acceptable, even on balance with the benefits of the project. Finally, the DEIS asserts that there is no alternative to the proposed project that would achieve the project's goals and avoid the unmitigated impacts. A smaller project should be proposed and analyzed, similar goals could be achieved and, even if not, the goals should be adjusted to avoid the unmitigated impacts and to design a project that is not inconsistent with the urban context.

HEIGHT

The proposed building is 760 feet tall (including the bulkhead) and is described as 68 stories in the DEIS. Even with the shorter building it agreed with the Borough President to build, is 65 stories tall. The proposed 700 foot tower will be the tallest building north of 60th Street on the east side. It will dwarf all of the buildings in East Harlem, along 96th Street from the river to Central Park, and south to 60th Street. This height is inappropriate for East Harlem, where the pending rezoning is proposing a maximum height of 400 feet.

The DEIS states that "the proposed project would alter the visual character of the surrounding area, but this character is already changing through the buildings currently under construction." It describes buildings in the Surrounding Area, with the tallest building 45 stories tall and only two others 40 or 41 stories. It identifies [3] buildings that are in the realm of 30 stories.

The proposed building is therefore 150% - 210% taller than the next tallest buildings in the Surrounding Area. This cannot credibly be stated that “the proposed project would not significantly adversely affect urban design or visual resources.” It is not “more consistent” with the heights of buildings south of 96th Street, unless the DEIS is looking at 57th Street as a comparison. The proposed project is egregiously out of scale. (See attached a zoning and building analysis of the East 96th Street Corridor illustrating how out of context this proposed building would be.)

SHADOWS

The DEIS shows that the proposed tower will cast shadows on numerous public parks and natural resources, including Central Park, five avenues away, small parks between Central Park and the proposed building (such as, Seabury, Hunter High School and Elementary School, Normandy Court), Stanley Isaacs Park, the East River Esplanade and the East River, itself. On the project site, itself, the proposed tower will block much of the sun from the Marx Brothers Playground for much of the afternoon throughout the year, degrading the public park.

Despite these impacts, the DEIS concludes that, “The proposed project would not have any direct, significant adverse impacts on existing open space in terms of . . . shadows. . . . New shadows from the proposed buildings would fall on several sunlight-sensitive open space resources at certain times of day in certain seasons, but in no case would the new shadows significantly impact the use or usability of the resource or any vegetation within the resource.” The DEIS’ conclusion makes sense only if sunlight is not considered an important element of the public’s enjoyment of public parks.

TRAFFIC AND TRANSPORTATION

The following unmitigated traffic impacts of this enormous project are not acceptable. Moreover, there will be a secondary impact at other locations. These traffic impacts could be mitigated with a smaller project, which was not explored.

- Traffic impacts at 96th Street and the FDR Drive, 96th Street and 1st and 2nd Avenues. This traffic congestion will, in turn, exacerbate traffic congestion at several other places in your district, including 92nd Street from the 2nd Avenue to the FDR Drive, where - as you know, the intersection at York and 92nd Street is already going to be compromised by sanitation trucks going to the Marine Transfer Station and the Middle School’s buses.
- Crash locations on 96th Street will be worsened.
- Mass transit be slowed on the 96th Street crosstown bus and the 1st and 2nd Avenue buses (M15 SBS), and the subway station at 96th Street.

ALTERNATIVE APPROACHES SHOULD BE CONSIDERED

ECF’s project should be reduced in size; it is too ambitious. Alternative approaches should be seriously considered that do not involve the generation of development rights from the Playground and the development of a 1.1 million square foot residential tower with retail space. Two smaller potential alternatives are posed here; there are other alternatives, as well.

SMALLER ALTERNATIVES SHOULD BE STUDIED

A smaller project of 787,000 square feet – the amount of development rights that would be available with a rezoning of the current site of Co-op Tech Vocational School (or its equivalent area divided between a parcel on First Avenue and a parcel on Second Avenue), without the

Playground's development rights – should be sufficient to construct two, if not three schools (270,000 square feet), and develop 517,000 square feet of residential and commercial space in one or two buildings.

If only one residential building were constructed on Second Avenue, it still would be likely to be disproportionately tall for the neighborhood, but not as egregiously so. If two residential buildings were constructed, their height would be in the range of 15 – 30 stories, depending on their design, a height range consistent with the Surrounding Area.

These buildings would be significantly shorter than the proposed tower and would reduce the shadow, traffic and transportation impacts of the project. The third school could be constructed on the site of the vacated Park East High School. The project's goals would be achieved.

SAME SIZE PROJECT IN A DIFFERENT CONFIGURATION

A third alternative – which is not desirable – is similar to the current ECF proposal except the floor area would be distributed evenly between the two parcels instead of stacking 1.1 million square feet on the 2nd Avenue end of the block. Each development parcel would have a residential building with one or two schools, including the floor area generated by the public park that is transferred to Avalon Bay. This would result in two buildings about 450 feet in height each. (See, attached, an example of a two-tower alternative, and its less intrusive impact on the 96th Street Corridor.)

The two buildings still would be out of context, taller than any building in East Harlem and on 96th Street, but not as egregiously so compared to the ECF/Avalon Bay 700-foot tall proposal. However, such a project would generate all of the same unmitigated environmental impacts of the current proposal.

CONCLUSION

The DEIS should not be accepted because it fails to consider alternatives that might mitigate the visual impacts of the height and shadow that, in reality, are adverse and unmitigated, (but not recognized as such in the DEIS), as well as the traffic and transportation impacts that are recognized as being adverse, but not susceptible of mitigation.

Thank you for your consideration.

Respectfully yours,



Lo van der Valk
President

Attachments:

- East 96th Street ECF Project (Co-op Tech) – Photosimulation and Alternative – by George M. Janes for Carnegie Hill Neighbors
- The East 96th St. Corridor: Current Character and Proposed Zoning Changes for the ECF Co-op Tech Project



George M. Janes
& Associates
250 E. 87th Street
New York, NY 10128

East 96th Street ECF Project (Co-op Tech)
321 East 96th Street
Photosimulations and Alternative

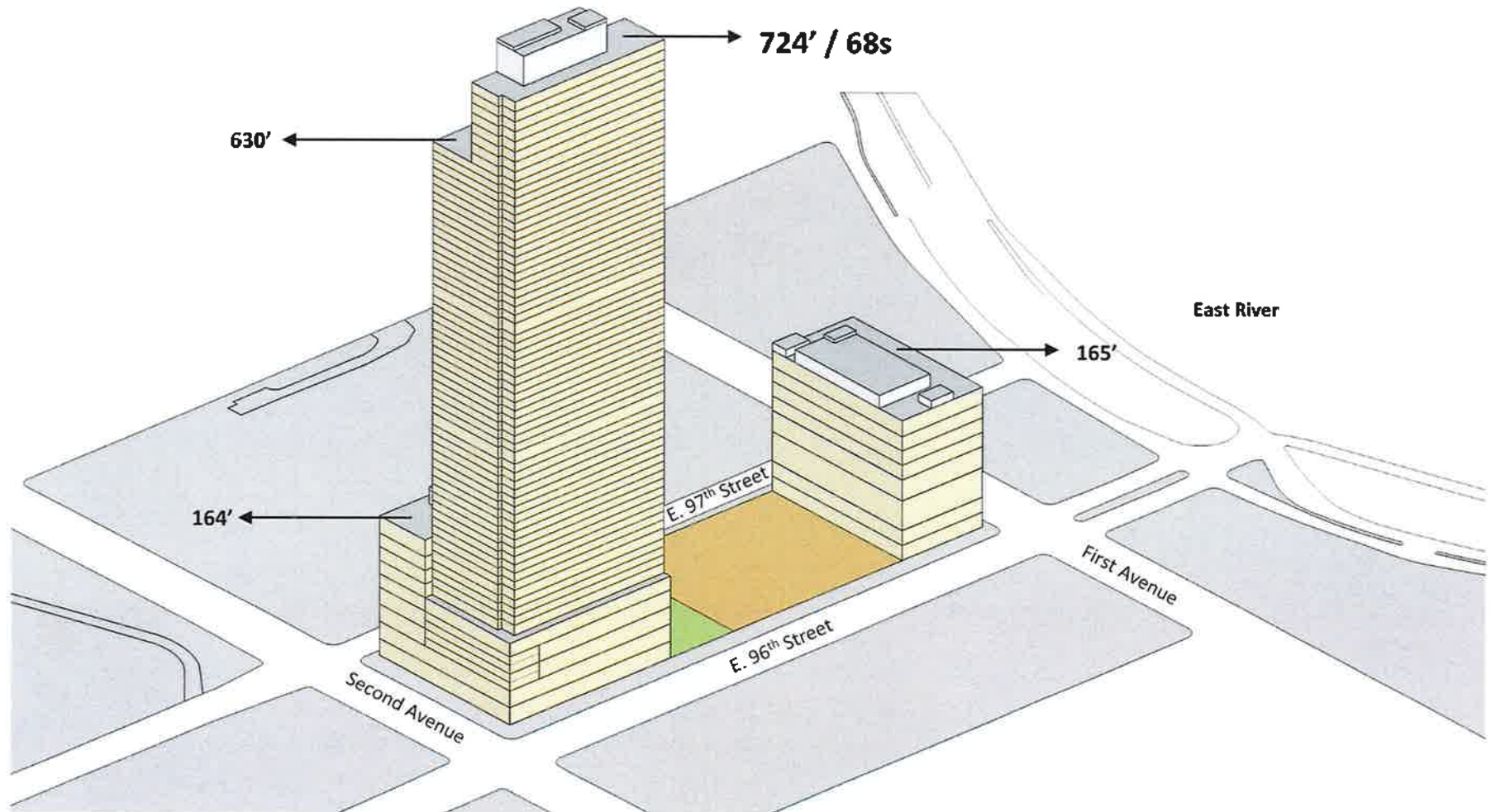
Prepared for:

Carnegie Hill Neighbors
1326 Madison Avenue
New York, NY 10128
212-996-5520
chn@chneighbors.org
www.chneighbors.org

4.20.2017

As proposed by ECF

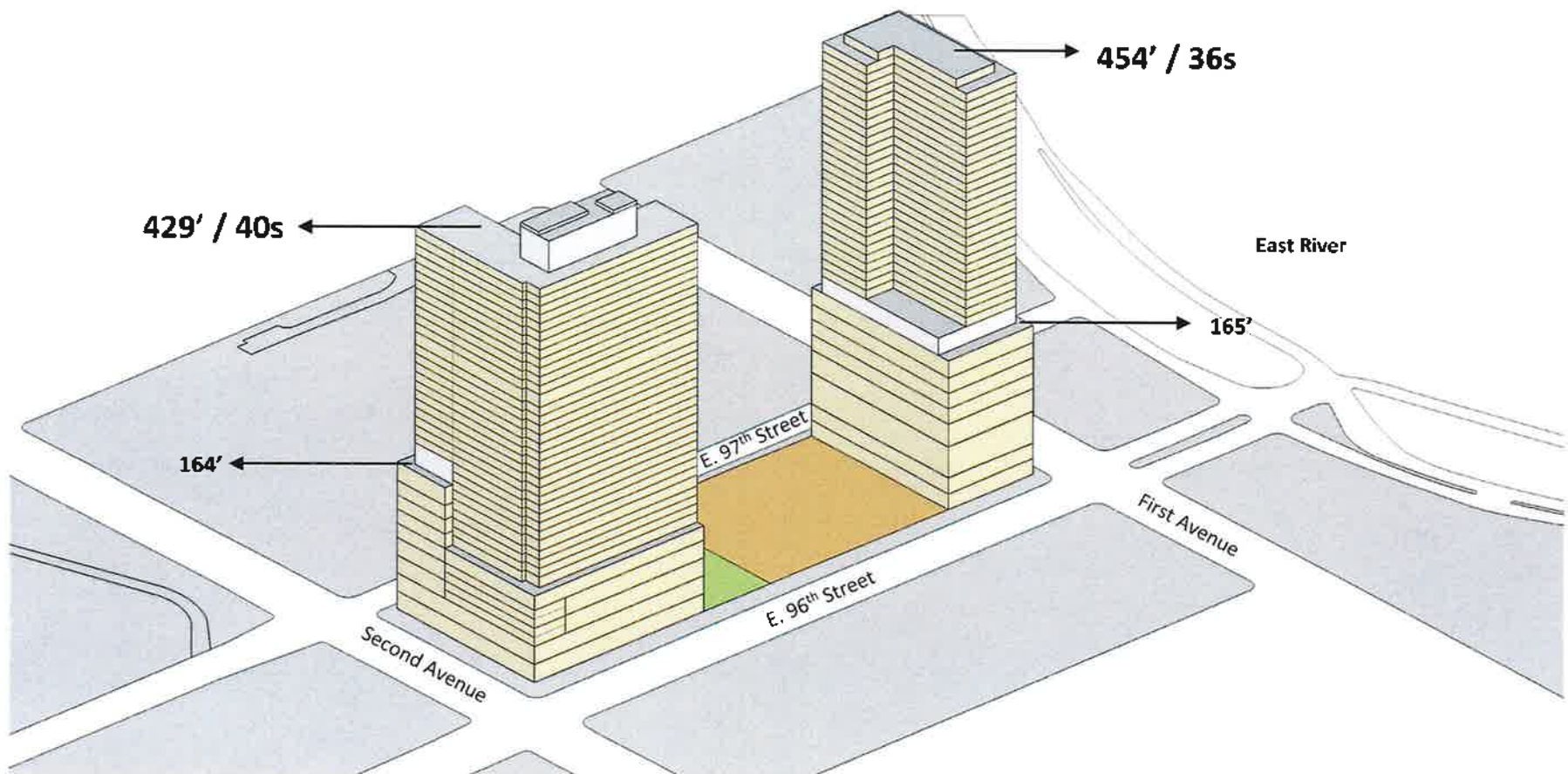
Looking Northeast



Two tower alternative: Put residential on top of schools at First and Second Avenues

Looking Northeast

Puts core through school, but brings buildings down to about 450 feet



Existing Conditions

96th Street at Madison Ave



Photosimulation

Conditions proposed by ECF
96th Street at Madison Ave



Photosimulation

Two tower alternative

96th Street at Madison Ave



Existing Conditions

96th Street at Park Ave



Photosimulation

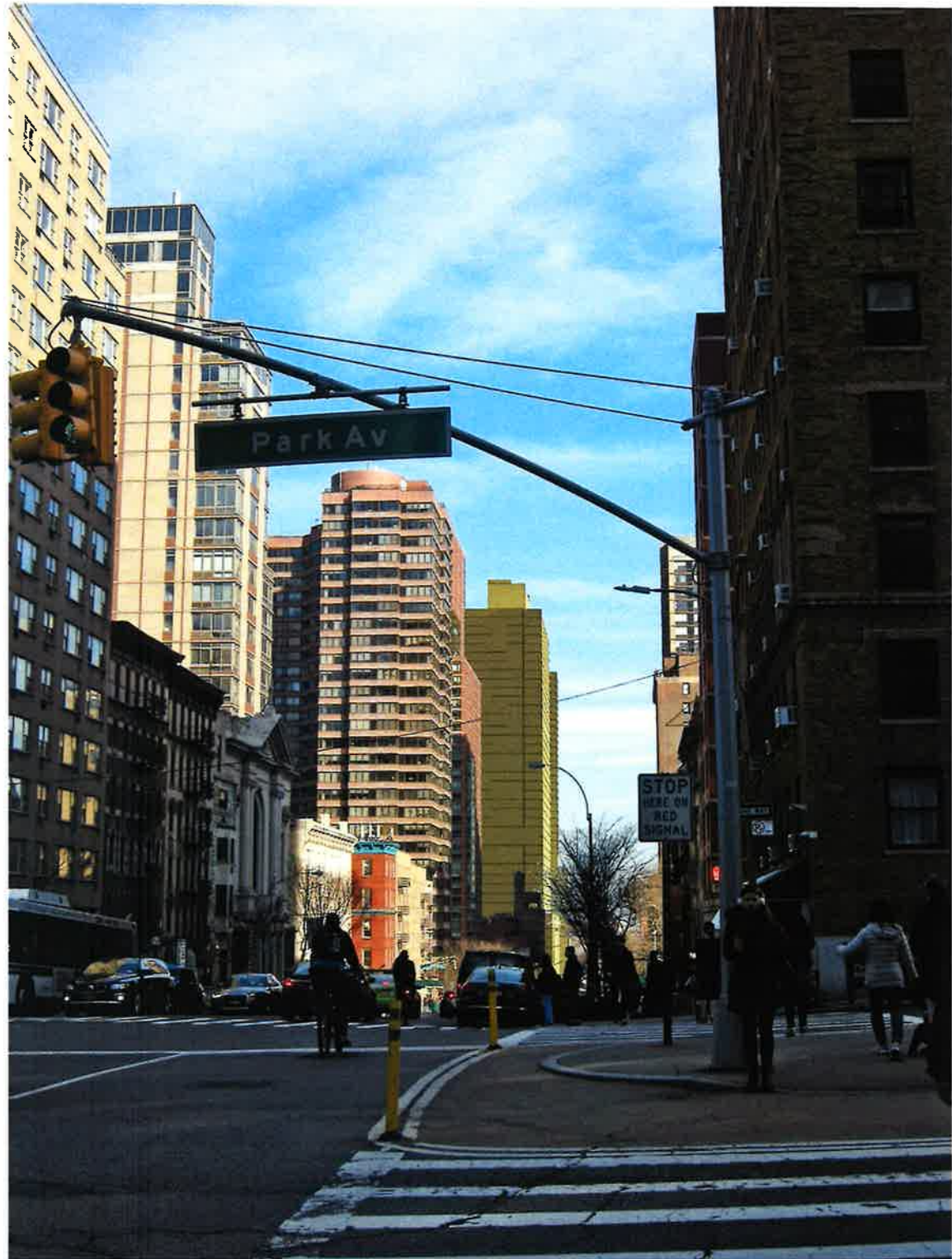
Conditions proposed by ECF

96th Street at Park Ave



Photosimulation

Two tower alternative 96th Street at Park Ave



Existing Conditions

96th Street at Lexington Ave



Photosimulation

Conditions proposed by ECF

96th Street at Lexington Ave



Photosimulation

Two tower alternative

96th Street at Lexington Ave



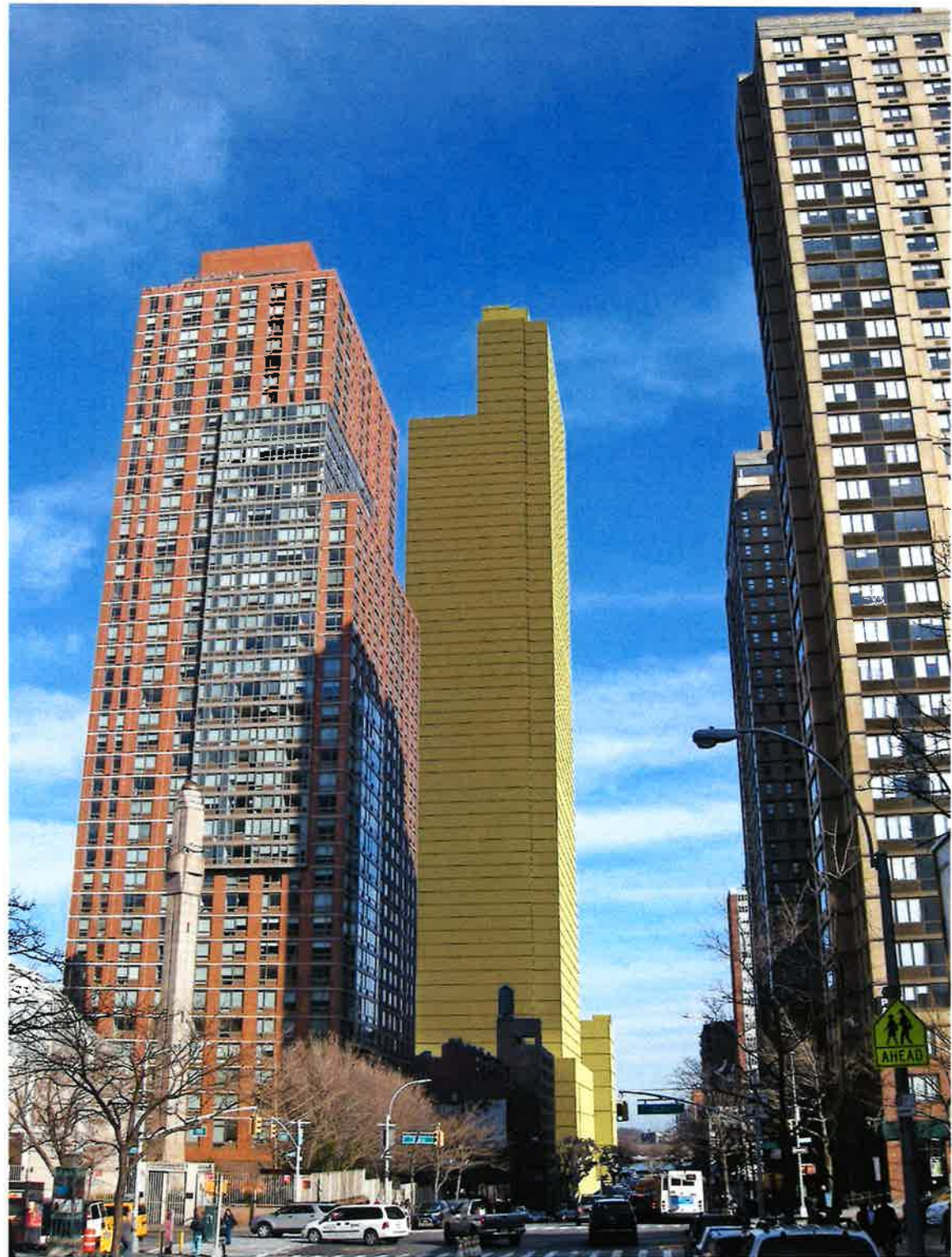
Existing Conditions

96th Street btw Lexington and Third Ave



Photosimulation

Conditions proposed by ECF
96th Street btw Lexington
and Third Ave



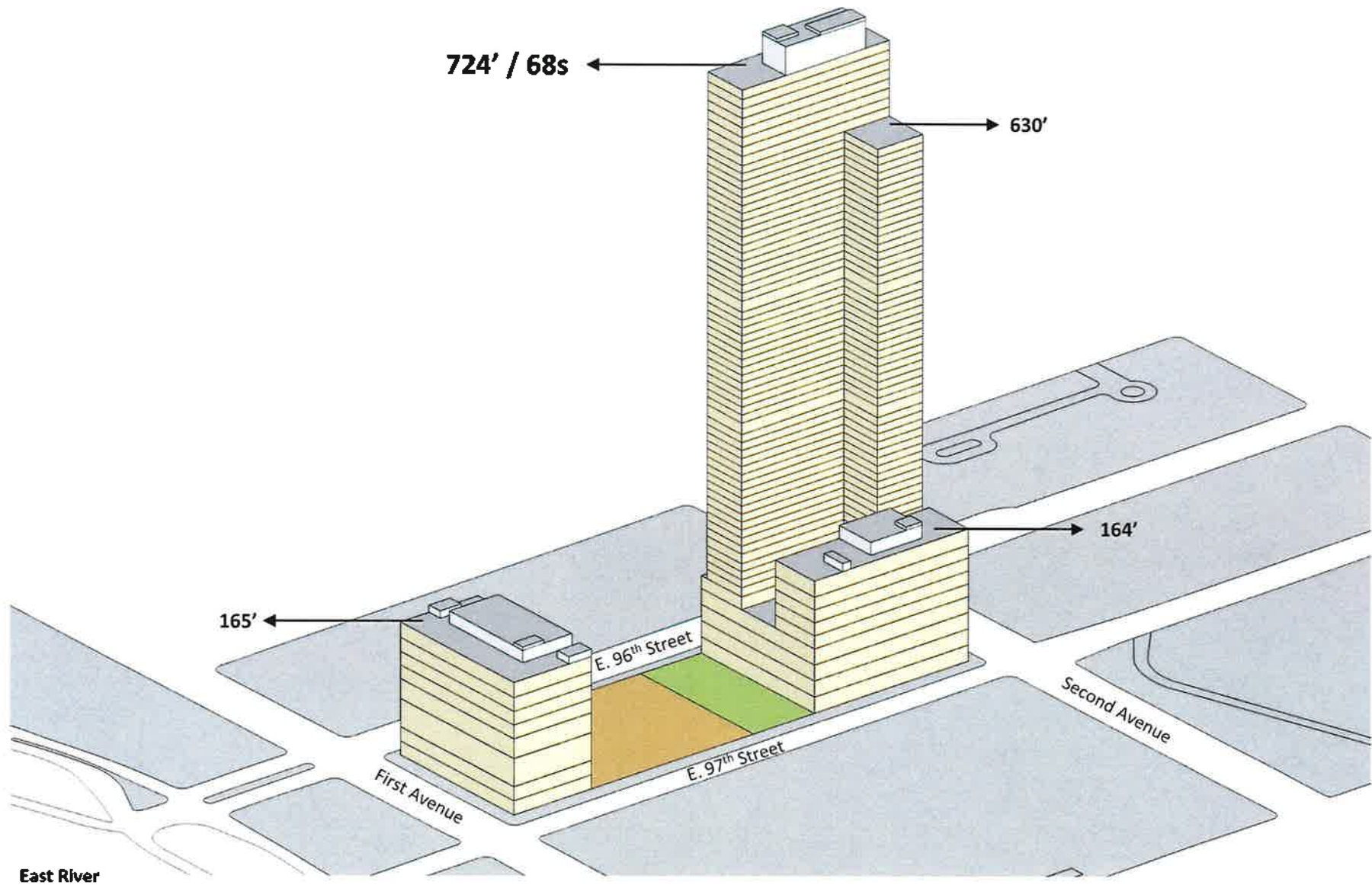
Photosimulation

Two tower alternative
96th Street btw Lexington
and Third Ave



As proposed by ECF

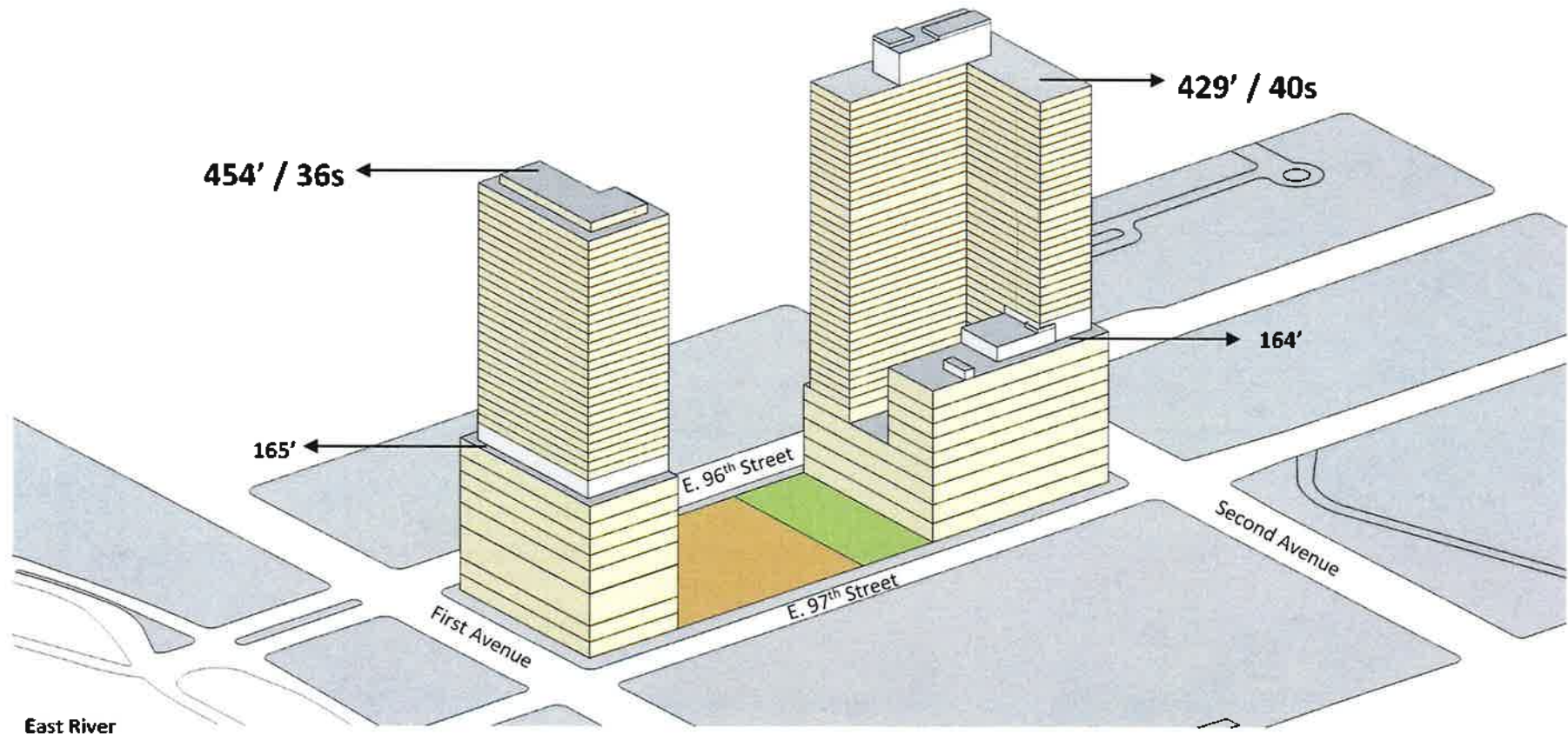
Looking Southwest



Two tower alternative: Put residential on top of schools at First and Second Avenues

Looking Southwest

Puts core through school, but brings buildings down to about 450 feet



**Current Zoning for the East 96th Street Corridor
and Zoning Changes to Accommodate the ECF/Co-op Tech Tower (Revised, May 2017)**
(Map Excerpt is from City Planning Commission Zoning Map 6b; Prepared by Carnegie Hill Neighbors)

East 96th Street corridor is highly residential, in fact, more so than East 86th Street, the nearest major crosstown street. As is shown here, although zoning for East 96th Street is somewhat segmented, it is zoned mostly R10A (or equivalent), which has a height limit of 210 feet. Only about 25% of the area is zoned R10, which has no height limit (outlined below in yellow). Note that zoning for the entire block that now contains Co-op Tech – the block between 2nd and 1st Avenues (outlined in red) – is proposed to be upzoned from R7-2 and R10A (plus the playground parkland) to R10 to accommodate the proposed development,



These blocks are zoned R10A equivalent (denoted unofficially here as R10AE) because they are in special districts that have height limits and most other features (such as setback requirements) identical to R10A. No building is taller than the 210-foot limit; most are well below it.



These blocks are zoned R10A, and are height limited to 210 feet, and all buildings are below the 210-foot limit.

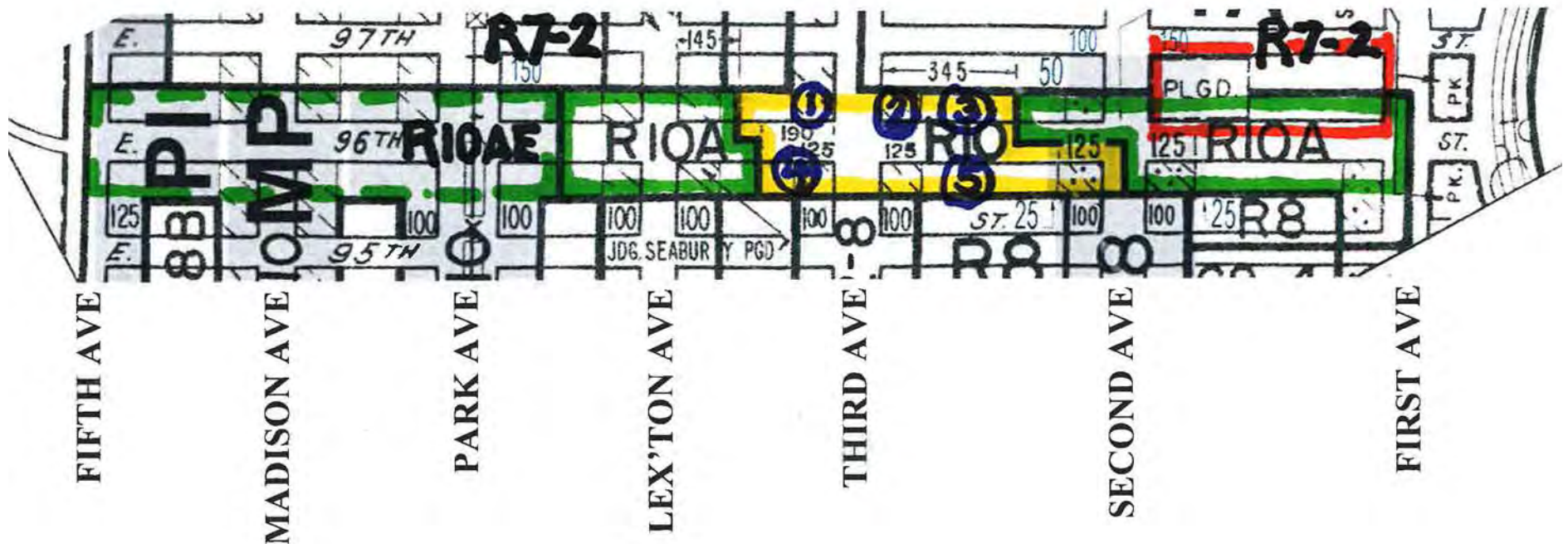


These blocks are zoned R10, with same FAR 10 as R10A districts, but without height limits. Yet the tallest building is 401 ft. (without bulkheads):

- (1) The Monterey (built, 1990), 29 stories, 282 feet in height;
- (2) The Islamic Center of New York (1985), 4 stories with much of the land unbuilt; less than 80 feet in height (estimated);
- (3) One Carnegie Hill (215 E.96, 2005), 41 stories, 401 ft tall (426 ft gross); main section set back 37 feet (upper 12 stories, 52 ft) from street line;
- (4) PS 198 (1960), 3 stories tall; less than 50 ft in height (estimated);
- (5) The Normandy Court Complex (1985) 35 stories; 331 ft in height.



This is the subject block. Currently, northern half is zoned (besides the playground parkland) R7-2 and southern half R10A. The entire block will be upzoned to R10, thus enabling the tower to be built with no height limitations. Its proposed height is 724 ft, revised to 680 ft.



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May 22, 2017

Jennifer Maldonado, Executive Director
New York City Educational Construction Fund
30-30 Thomson Avenue, First Floor
Long Island City, NY 11101

Re: Co-op Tech Mixed Use Development @ East 96th Street
CEQR/SEQR No. 16ECF001M
ULURP No. C170226Zmm, C170228ZSM, C170229ZSM

Dear Ms. Maldonado,

Since our founding in 1982, FRIENDS of the Upper East Side Historic Districts has worked to preserve the livability and sense of place of the diverse neighborhoods that comprise the Upper East Side. This concern for neighborhood preservation necessitates sound planning as a vital tool of balanced urban development. I am writing to you today regarding the troubling ECF Co-op Tech Mixed Use Development proposed for the block along East 96th Street between First and Second Avenues.

This proposal, which will have a height taller than any building north of Midtown, will have impacts not only on East Harlem, but also on the Upper East Side, northern Manhattan, and beyond. FRIENDS urges the skyline-defining potential for this project to be carefully considered. While other supertall towers are built as-of-right, this development offer the opportunity for public review through the ULURP process, and can set a precedent for what the City thinks is appropriate development. To us and many others, this tower is inappropriate for a number of reasons.

While this block is unique in that it is one entire lot, and thus can amass a great deal of development rights, it is surrounded by lower-scale blocks that are not likely to be developed in the near future. The potential for another tower of similar height to be built nearby is very slim – once this building is constructed it will define the skyline for many years to come. A building in the 700-foot range would be unlike anything the East Side has seen north of Midtown. Unlike Midtown, where buildings around this height, like 520 Park Avenue and even 432 Park Avenue, will eventually be surrounded by clusters of similar height buildings, as predicted by the numerous proposed towers for the area. On East 96th Street, this building will stand alone, thus having an even greater impact because it will not be amongst a forest of other tall buildings.

Enclosed, please see a graphic illustration of the building elevations on the east and west sides of Second Avenue between 60th and 110th Streets created for FRIENDS by BFJ Planning as part of our October 2015 report, “The Upper East Side: A Framework for the Future of Five Neighborhoods.” The graphic illustrates the existing context of Second Avenue, where currently 93% of buildings are less than 210 feet tall, with only two buildings on Second Avenue that are taller than 400 feet. The building currently proposed by ECF would dwarf even the tallest buildings on Second Avenue by

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nearly two times. We understand that Manhattan Borough President Gale Brewer has successfully negotiated for the height of the building to be lowered by 5 floors or approximately 50 feet. While the reduction of height is an improvement, a reduction of only 50 feet has a limited impact on a project of this scale, and does little to quell our concerns about the greater impact on the neighborhood at large

However, alternatives for bulk and massing exist which could produce a building with the same FAR and still offer the numerous benefits to the community this project has promised. These alternatives deserve careful and detailed consideration by all of the stakeholders and decision-makers before this project moves ahead. As just one example, one alternative involves building two separate towers – one at each end of the block – that would stand around 430 and 455 feet tall. While these towers would still be large, they would be much closer in height to the surrounding residential towers. The photo-simulations prepared by planning consultant George Janes and Carnegie Hill Neighbors showing views from farther west along 96th Street with the tower as proposed and the two tower alternative illustrate to great effect the massive and widespread impact a 724 foot tower would have on our streetscape. The two tower alternative would produce buildings that are much more contextual, rather than one that is an anomaly in this part of the city.

Aside from the height, this development will allow for a large number of residents in an area which already has a number of transportation problems. East 96th Street is already plagued by traffic going onto and off of the FDR Drive, and the newly-opened Second Avenue subway only has one entrance along 96th Street. No additional parking will be created by this project, and the high concentration of schools in this area will add to the congestion.

Additionally, while the construction of three new school facilities is an undeniable boon for the neighborhood, the project does not actually increase the number of high school seats available in East Harlem, since three existing schools will occupy the new facilities. We also underscore Community Board 11's concern about the availability of these school seats to East Harlem residents due to the DOE's policy of citywide open enrollment. One of the schools set to be relocated to new facilities in the proposed project, Heritage High School, currently occupies an individually landmarked building at 1608 Lexington Avenue, between East 105th and East 106th Streets, designated in 1996. The building, designed by the Superintendent of Public School Buildings David Stagg and built between 1879 and 1882, represents a rare extant example of school design in the Italianate style. The building has been in use for educational purposes for almost its entire life, and as one of the few designated landmarks in East Harlem, FRIENDS is hopeful that the City will find an appropriate education or community use for this significant building.

In a neighborhood that is already undergoing rapid change, we must preserve and even seek to enhance the character of our community. Thanks in part to the transit corridor approaching the FDR Drive, there is little defining character in this area already, and this project could be a chance to inject some personality. As proposed, the design of the tower itself is rather generic. If the building is to be so tall, it should at least be an architecturally dynamic contribution, but the project as proposed is a missed opportunity to enliven both the streetscape and skyline. Overall, a project this

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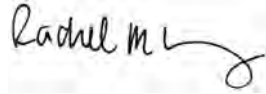
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large should result in a net benefit to the community, both in terms of tangible outcomes like the much-needed creation of schools and affordable housing, but also the intangible design elements that contribute to livability. FRIENDS believes the excessive height of this project and its potential to impact the skyline for years to come should be taken into serious consideration by the City before issuing a recommendation.

Respectfully,

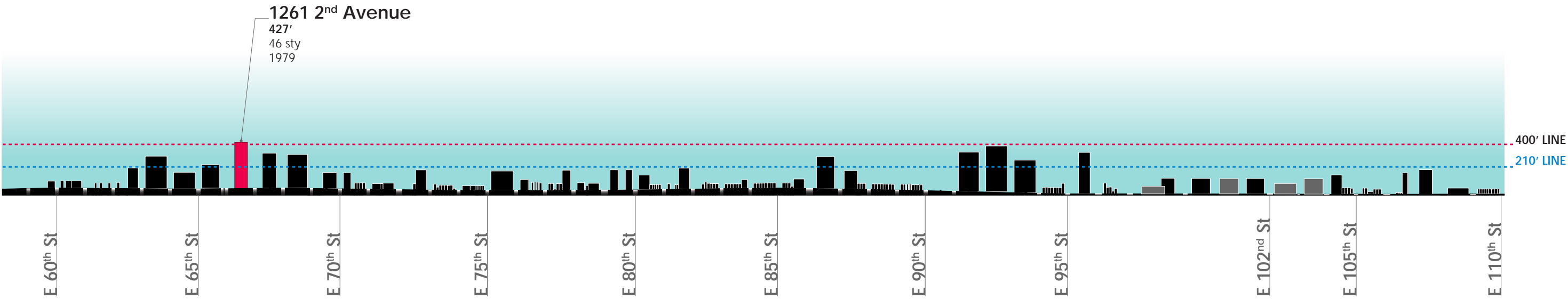


Rachel Levy
Executive Director

Elevations of Second Avenue Buildings

93% of buildings are less than 210 feet tall, and only two surpass 400 feet.

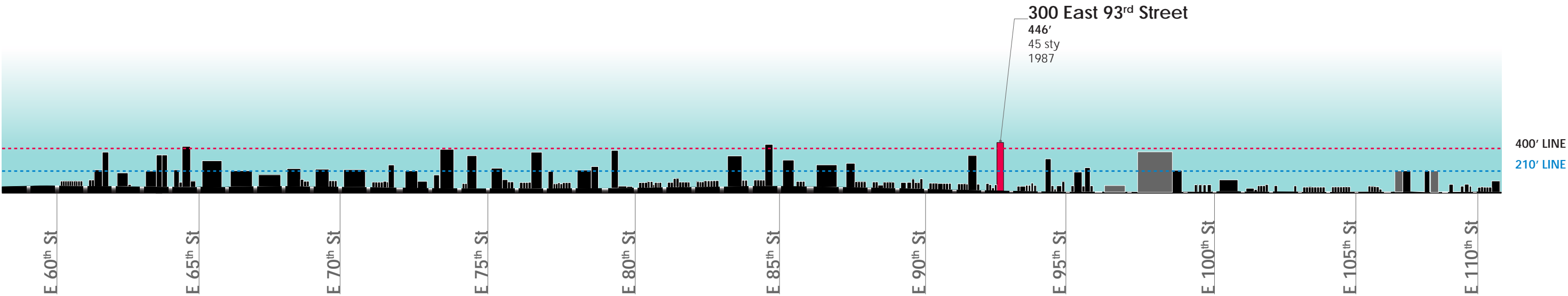
SECOND AVENUE



1261 2nd Avenue
427'
46 sty
1979

400' LINE
210' LINE

WEST ELEVATION



300 East 93rd Street
446'
45 sty
1987

400' LINE
210' LINE

EAST ELEVATION



Data:
• Building Footprints Shapefile of footprint outlines of buildings in New York City created Sep 19, 2013 updated Nov 12, 2015 NYC Open Data
• MapPluto tax lot data March 2015-June 2015 NYC Department of City Planning

From: Public Hearing Comments (Do not reply) [mailto:PublicComments_DL@planning.nyc.gov]
Sent: Monday, May 22, 2017 9:54 AM
To: Calvin Brown (DCP) <CBROWN@planning.nyc.gov>; William Pugliese (DCP) <WPugliese@planning.nyc.gov>; ManhattanComments_DL <ManhattanComments_DL@planning.nyc.gov>
Subject: Comments re: C 170226 ZMM - ECF East 96Th Street

Re. Project: **C 170226 ZMM - ECF East 96Th Street**

- Application Number: **C 170226 ZMM**
- Project: **ECF East 96Th Street**
- Public Hearing Date: **05/10/2017**
- Borough: **Manhattan**
- Community District: **11**

Comments on the Draft Environmental Impact Statement received by the 10th calendar day following the close of the public hearing will be considered by the lead agency.

Submitted by:

Name: **George Janes**
Zip: **10128**

I represent:

- **Myself**

Details for "I Represent":

My Comments:

Vote: I am **opposed**

Have you previously submitted comments on this project? **No**
If yes, are you now submitting new information? **Yes**

I have attended or will attend the City Planning Commission's Public hearing on this project: **No**

Additional Comments:

Section 11-13 of the Zoning Resolution (ZR) tells us that zoning doesn't apply to parks and that they don't generate floor area. ZR 23-65(c) tells us the tower regulations do not apply in residential districts next to parks and hence that we can't have a tower adjacent to a park of an acre or more. Yet, here we have a park

generating floor area, a residential tower next to a park, both in addition to rezoning a full block to R10, and a host of other zoning waivers required for the ECF special permit. This project is the latest and certainly the largest to date of what has become known as Zoning for Dollars. Zoning for Dollars has become the expression we use when political forces decide to use the City's ZR to pay for essential city services. The purpose of zoning is to protect public health and safety, promote good design, and to be a tool for the implementation of a well-considered plan. By using the ZR to buy essential services--services for which we all pay taxes--we have created an inherent conflict between zoning's primary purpose and revenue generation. If, as citizens, you are concerned because of what happens when the ZR is used to dole out political favors, I urge you to vote no on this application. One of the reasons we have citizens serving on the CPC is that you are the final line of defense against undue, short-term, political pressures making permanent marks on our City and the regulations designed to protect all of our health, safety, and welfare. While the proposed tower is enormous, far taller and massive than any residential building in East Harlem or the Upper East Side, the size is not necessarily a bad thing: if this project came out of a well-considered plan that looked beyond the immediate needs of the Department of Education, and the community found that this was the best solution, then the CPC would likely approve the project. But this project did not come out of a well-considered plan, but it is the product of the Council Member, and while the dollars generated by zoning changes are going toward good causes (new schools, affordable housing, a park renovation), that should not matter: There are near infinite good causes for which we can use the ZR to generate funds, but that's not zoning is for and to use it in such a way compromises the protections it provides. I urge you to protect planning in New York City. Uphold a ZR that primarily supports our health, safety, and welfare. Do not allow short-term political interests undermine the long-term interests of good planning and design that you are here to protect. Please, say no to Zoning for Dollars, and this most egregious example of it. Thank you.

From: fee.noire@gmail.com [mailto:fee.noire@gmail.com] **On Behalf Of** MM Winfield
Sent: Thursday, March 23, 2017 1:59 PM
To: E96Street <E96Street@schools.nyc.gov>; Maldonado Jennifer <JMaldonado10@schools.nyc.gov>
Subject: Comments on Draft Environmental Impact Statement for ECF East 96th Street - 16ECF001M

Dear Ms. Maldonado:

Please find attached my personal comments reviewing the Draft Environmental Impact Statement (16ECF001M) for the ECF East 96th Street project. I look forward to the required forthcoming responses to comments received on the DEIS and hope to see a FEIS that is responsive to these concerns.

For *Lexington Gardens II*, the Borough President's Office (bcc: here) was helpful in having the consultants, who compiled the EIS, correct the misinformation that I identified in the schools section. I'm surprised that on an ECF project that some of this same misinformation in the schools section appears again, especially at the DEIS stage.

If there is a way to correct this from happening again, whether it is at DCP, DOE or the SCA, for future land use projects in our district, it would be much appreciated if that can be done immediately.

In addition, the Speaker's East Harlem Neighborhood Plan (bcc: Speaker's office as well) provided detailed information on requested improvements in the environmental review process that the East Harlem community expected going forward. These recommendations are referenced in the comment and attached here. In the future, I hope that other ULURP applicants are held to these standards, which ultimately improve the quality of the FEIS.

Thank you for your consideration.

Regards,

Marie Winfield

East Harlem resident and CSD4 parent

2 attachments



EHNP_FINAL_EIS_RECS.pdf

43K



ECF Co-op Tech DEIS Review - Winfield M 032017.pdf

86K

Comments on the Draft Environmental Impact Statement for ECF East 96th Proposal

16ECF001M

March 2007

Marie Winfield

Summary

The ECF Co-op Tech mixed-use development proposal is out-of-character for the surrounding community and outside the scope of current land use policy in Community District 11. The Draft Environmental Impact Statement does not reflect the enormity of the environmental impacts this proposal would yield on the surrounding community, nor provide sufficient mitigation for these impacts. The below timeline and comment clearly indicate that the DEIS would have benefitted from community input, feedback and analysis at the Draft Scope of Work stage. Without effective notice to provide useful feedback, ECF's current DEIS is not an adequate assessment of the ensuing environmental impacts.

Community Engagement Timeline

Over a year ago, on March 8, 2016, the Educational Construction Fund (ECF) contacted Community Board 11 to request a meeting with the Chair at the Community School District 4 offices on March 16, 2016. At that time, the CB11 Chair asked ECF if the committee chairs of Land Use and Education could be invited to the meeting. The full Board was not informed that this meeting took place in the monthly report. On March 24, 2016, ECF asked to meet with the Environment, Open Space and Parks Committee leadership. The meeting was scheduled for Thurs. March 31st, where both ECF and the NYC Department of Parks and Recreation gave an overview of the Marx Brothers Playground proposal. In April 2016, the larger ECF project was outlined in [the media](#). ECF and Parks presented to the CB11 EOS & Parks Committee on June 9, 2016 on the Marx Brothers Playground. A public scoping meeting for Marx Brothers Playground was scheduled for October 24, 2016.

ECF did not present at the CB11 Land Use Committee until December 2016. At this meeting, ECF revealed that the environmental review process had already started. The DEIS Scoping meeting took place at Park East High School on June 29, 2016. ECF stated that only two people showed up at that meeting and that they gave notice to the CB and published in newspapers, such as El Diario and the NY Daily News. Written comments were due on July 11, 2016 while the Community Board was not in session. At the December 2016 CB11 meeting, not a single Board member on the Land Use committee could state they knew anything about the public scoping session. The Parks Committee was also not informed of the scoping meeting at the June 2016 committee meeting. Months later, CB11 held a public hearing at a Full Board meeting on February 21, 2017. ECF made presentations throughout March 2017 at various CB11 committees and at the full Board meeting.

ECF did not inform the Environment, Open Space and Parks Committee in June that the public scoping would be taking place just weeks later. No matter what minimum notice requirements SEQRA/CEQR baseline, both the Community Board leadership and the ECF development team have not lived up to their responsibilities of ensuring that effective notice took place. Public comment at CB11 public hearings related to the draft EIS have gone ignored as community members are unaware that only written feedback or comment at a public scoping session on the EIS will require a response by the lead agency. Neither ECF nor Community Board 11 has done anything to correct this misunderstanding or facilitate a response from the CB or any community member to the DEIS. **Both the Community Board and ECF have ignored recommendations in the East Harlem Neighborhood Plan on the environmental review process for the Co-op Tech project.**

The end result has been that the entire environmental review process has been without significant feedback from the community. On Tues. March 21, 2017, CB11 voted to support the project with a list of “conditions” that examine none of the serious environmental impacts that may go unmitigated, according to the DEIS.

Chapter 2: Land Use

Public Policy

It is inappropriate to reference a **twenty-one (21) year old** 197-a plan, which was never adopted by the City, as a policy document to be considered for any current land use action in Community District 11.

Community Board 11 develops **annual statements of district needs and budget priorities**, which are not even referenced in this section. These are the current policy documents that should be considered and referenced in this section. **Respectfully, the section on the 197-a plan should be removed and replaced by analysis of the Community Board's Statement of District Needs and Budget Priorities, which have been submitted to DCP and other city agencies, as well as the formal response by the Community Board to the FY '18 preliminary budget.** *Please see response to comments on the African Burial Ground proposal environmental review, where this change was made to the Final Scope of Work for the DEIS.*

With regards to the **East Harlem Neighborhood Plan**, the final Plan document is not just a series of objectives. The EHNP developed series of recommendations under specific topic areas that specifically referenced sites in East Harlem. This site was never discussed as part of the EHNP because of the decision by external facilitators and consultants to designate the Co-op Tech site as a "pipeline" site, even though this project was only a proposal and had not yet been approved through ULURP. As a member of, and often the only community resident participating in, the Land Use and Zoning subgroup for the EHNP, I can personally testify that this was not a decision that came out of the community discussion or deliberation. Marx Brothers Playground is certainly not a site identified under the EHNP as a priority for rehabilitation. As often stated throughout community meetings, Marx Brothers is not often permitted by East Harlem athletic groups. As a pipeline site, the Co-op Tech project was referenced as if it was already a given. This section's referencing of the ECF proposal as responsive to the EHNP after the fact is misleading.

The **East Harlem Neighborhood Plan** gave detailed recommendations on how to provide an expanded environmental review process that was responsive to community input. (See

attached Environmental Impact Statement Recommendations) The ECF team has failed to acknowledge any of these recommendations in its plan, nor even attempt to implement a single one. The EHNP recommends three strategies for improving this process: providing scoping notices in multiple languages, with extended time for public review; providing a minimum of two scoping sessions (day and evening) with interpretation and childcare provided, with a good-faith effort made to flyer NYCHA developments; providing updates on environmental review on a regular basis by meeting with the Community Board and providing updated handouts in multiple language. **ECF has failed on all three community engagement recommendations for the Environmental Impact Statement in the EHNP.**

It is very disturbing to find an analysis of the **Waterfront Revitalization Program Policies** that seems to be focused on the views that the residents of the 68-story tower would have over the waterfront, instead of **examining the effect of planting a 68-story tower in the rest of the community**. It is completely unbelievable that an analysis of this area could possibly find this proposal consistent with protecting and improving the visual quality associated with NYC's urban content and the historic and working waterfront. While it is indubitably wonderful that this project "will afford the occupants of the new buildings an appreciation of the City's waterfront setting," it seems your paid consultants may be missing the point here in an intentionally obtuse way. This project puts a 68-story tower on Second Avenue that obstructs the rest of the community's "appreciation of the City's waterfront setting." (See p. 2-18)

Land Use

There is no stated public policy that supports concentrating three high schools on one block. There is no existing land use in the study area that concentrates three high schools on one city block. This concentration of high schools on the Southern end of the district is not a desirable effect of this proposal. Valid concerns about an eventual change in school district zoning by just one block could possibly move three high schools out of the local CSD. This is simply not a desirable policy to start a precedent, here in our local school district, on the distribution of high schools within a given district.

Other corrections

There is a typo in the third paragraph: “The proposed rezoning area closes to the project site, Second Avenue between 104th and 112th Street...” “[C]loses” should be changed to “closest.”(p. 2-6)

Chapter 3: Socioeconomic conditions

When using CEQR criteria relating to a radius study area, it seems helpful to adjust the study area when large portions of the area does not fall under the study conditions. In this case, a large portion of the socioeconomic conditions study area is the East River.

Decentering the study area to examine the effects at a greater distance inland seems to make more sense here, regardless of whether it is known beforehand that the population will not meet the Step 2 criteria. (See Child Care Facilities study area map)

The **East Harlem Neighborhood Plan**, in addition to providing broad objectives, provides detailed instructions on how to engage in supplemental environmental review that better gauges the true impacts on the East Harlem community. (See *attached Environmental Impact Statement Recommendations*). There are recommendations for an enhanced environmental review under Socioeconomic Conditions which this DEIS does not address at all.

Chapter 4: Community Facilities and Services

Direct Impact on School Facilities

Without an indication of the repurposing of the Park East High School facility, there cannot be a useful analysis of the direct impact of concentrating 3 high school facilities on the same block, thereby removing two high schools from the East Harlem core. If Park East High School were to be sold by the city for private development, there would be a greater direct impact on school facility distribution in the district. To completely analyze this section, **please require the DOE/SCA to respond with their eventual proposed use of the Park East High School building and attach their formal reply to your response to comments on the DEIS when releasing the FEIS.**

Indirect Effects

In Table 4-4 (p. 4-10), there is incorrect information listed for JHS 13. In the ULURP review for *Lexington Gardens II*, I identified incorrect information in the school facilities section on intermediate schools in this subdistrict. Thanks to the Manhattan Borough President's office, consultants AKRF corrected their environmental impact statement and removed JHS 13 and another intermediate school from their list of schools. **JHS 13 has been closed since June 2015. Please remove JHS 13 from the list of schools in Table 4-4 and adjust the calculations in this section.**

The CEQR formula for school seat generation does not accurately calculate needed school seats in Manhattan. As shown, in the context of *Lexington Gardens II* by the CB11 Land Use Consultant, George Janes, the CEQR formula underestimates the number of school seats generated in upper Manhattan and overestimates the number of schools seats needed in the "Manhattan core." The problems around calculating schools seat generation is certainly not new. Accurate school seat generation numbers appear as a recommendation in the EHNP (which I advocated for within the Land Use and Zoning subgroup); many efforts citywide are engaged on providing better demographics data and updating the CEQR methodology for more accurate projects. An ECF project should surely be held to a higher standard and go beyond the CEQR formula when projecting the number of school seats needed in the district. **Please choose a more refined methodology to complete the school seat generation analysis required in this section when completing the FEIS.**

Providing analysis that is founded on incorrect data that misrepresents our community diminishes the credibility of the entire analysis provided in the Environmental Impact Statement. **Please review all DOE data provided by DCP for errors before submitting for a FEIS.**

Libraries

The CEQR methodology is insufficient to capture the burden that this project will put on our local libraries. The 5% threshold is too high. A site visit to Aguilar library on any given day will show that any analysis concluding that "the proposed project would not result in a noticeable change in the delivery of library services" cannot be true. (See p. 4-15)

Chapter 5: Open Space

On page 5-1, the DEIS states that: “the students are anticipated to only use the playground on the project site during the school day, and would depart from the neighborhood after school hours.” **Please provide the data used to support this assumption.**

Table 5-3, again, indicates incorrect data or simply that the field visits noted here were never done. East Harlem has been designated a Community Parks Initiative zone, specifically due to the disinvestment in open space by New York City over the past 20 years. Some of the sites indicated in Table 5-3 have been picked as CPI sites due to **poor** conditions, which is documented by the Parks Department. Pier 107 is in no way shape or form in “good” condition. Up until recently, there was a huge sinkhole on the Esplanade directly in front of access to the Pier. Currently, Pier 107 remains closed to the public because the roof requires demolition. The eastern half of the Pier is completely unsafe and will be closed to the public after demolition of the roof structure and the pier is reopened. The entire pier is in danger of destabilizing less than 10 years from now and requires a complete rehabilitation. **Please update the “Condition/Utilization” column within this table with either correct information from the Parks Department or with actual field visits to these locations.**

The DEIS states that “[t]he private open spaces that would be created at the 7th and 61st floors of the building facing Second Avenue would help to serve the open space needs of the residents to be generated by the proposed project.” **Please indicate the actual offset of the percentage decrease in open space in the study area expected by the private open spaces on the 7th and 61st floors of the residential tower.**

Chapter 6: Shadows

Using certain criteria, such as the lack of seating or planters, in a Community Parks Initiative zone (of which the definition is that the area has not had significant investments in these types of amenities), to justify the conclusion that new shadows will not have an effect on the usability of the space is not an equitable metric.

The proposed residential tower is too tall. New project-generated incremental shadows due to this out-of-context height are not acceptable.

Chapter 7: Historic and Cultural Resources

Please indicate in the FEIS how the Community Board, local Council member, and relevant school community will be notified of the CPP.

Please indicate what entity will provide monitoring of the requirements set out in the CPP.

The analysis on indirect effects and neighborhood character seem to be based on “alternative facts.” Surely there is a non *de minimis* difference between 43 stories and 68 stories. **Please indicate why a difference of 25 stories is seen as compatible with the surrounding area.**

Chapter 8: Urban Design

Please indicate exactly what criteria were used to determine that a 760 foot building is compatible with buildings in the surrounding area.

Please indicate how the “sloping topography of the area” will “somewhat lessen the perceived height” of a 760 foot building in east-west views. (p. 8-9)

Chapter 9: Hazardous Materials

Please indicate how many closed status spills are listed in the DEC database.

Please indicate whether there will be a presentation planned for Community Boards 8 and 11 on the Work Plan for Phase II investigations and required remediation.

Chapter 10: Water and Sewer Infrastructure

This section notes that “[s]pecific BMP methods will be determined for each building with further refinement of the building design and in consultation with DEP, but may include on-site stormwater detention systems such as planted rooftop spaces (“green roofs”)

and/or vaults.” (See p. 10-7) **Please indicate whether there will be additional stormwater management infrastructure incorporated into the Marx Brothers Playground site and if so, what type of green infrastructure is foreseen at that location.**

Chapter 11: Transportation

Please provide information on why the identified improvements needed for First Avenue and East 96th Street and Third Avenue and East 96th Street will occur post-construction. Looking at the crash data, it seems as if these improvements should be implemented even in the No Action Scenario.

At several meetings, without correction from ECF or Avalon, Community Board members have stated that there is no parking on this site. The EIS clearly states that there is an “an option to provide up to 120 accessory parking spaces.” **Please clarify whether ECF/Avalon plans to use the option to provide 120 accessory parking spaces and how many parking spaces would actually be a part of this project in the FEIS.**

Chapter 13: Climate Change

Please indicate any additional resiliency control that will be undertaken, outside of the building design flood elevations.

Chapter 15: Neighborhood Character

The DEIS states that “[t]he preliminary neighborhood character analysis presented below concluded that the proposed project would not result in any significant adverse impacts on neighborhood character, and that a detailed analysis was not necessary.” **Please indicate in further detail how it was concluded that an unprecedented 68-story, 760 foot building with almost 800 market-rate units on one block fits into the neighborhood character.**

Chapters on Noise, Air Quality, Construction

Given the ongoing litigation re: *Jewish Home Life Care* & Friends of PS 163, **please indicate whether the analysis in the construction, noise and air quality sections would meet the standards required by the judge in that case.**

Chapter 18: Mitigation

The DEIS specifically identified 306 East 96th Street as a location that will be subject to noise pollution due to construction, above the recommended threshold. Since ECF and Avalon have no plans to mitigate this nuisance, **please indicate whether ECF/Avalon have already reached out to the residents of this building and will be compensating them for the nuisance and the loss of usable balcony space during the construction period.**

In order to mitigate the decrease in open space ratio for Community District 11, **please respond to the possibility of upgrading the turf at the Eugene McCabe field to provide for usable alternatives to the Marx Brothers playground that are within the community district.**

Chapter 19: Unavoidable Adverse Impacts

Under Transportation, the DEIS notes that “[t]he proposed project would also result in a significant adverse subway stairway impact at the S4 stairway at the 96th Street-Lexington Avenue station during the weekday AM peak hour. Discussions with New York City Transit (NYCT) are underway to identify subway mitigation needs. If no feasible mitigation measures are found, the identified significant adverse stairway impact would be unmitigated.” **Please indicate why the results of possible subway mitigation measures were not available at the time of the DEIS publication. Please include these mitigation measures in the FEIS.**

General Overview

I strongly urge both Avalon Bay and the Educational Construction Fund to review their consultants' work before submitting a final EIS. The level of research and analysis in some of the sections of this DEIS is highly concerning.

Statement of Individual Comment

I am submitting this comment on my own behalf (not in relation to Community Board 11, my position as Vice Chair of the Environmental, Open Space and Parks Committee, member of the Land Use and Zoning subgroup of the East Harlem Neighborhood Plan), nor on behalf of any other boards or organizations that I am affiliated with.

The above comments reflect solely my personal opinions and analysis.

Submitted on:

Thursday, March 23, 2017

Submitted by:

Marie Winfield - East Harlem, New York, 10035 - winfieldmm@web.de - 347.286.1336

ENVIRONMENTAL IMPACT STATEMENT RECOMMENDATIONS

The Steering Committee wishes to see a more expansive environmental impact analysis framework for any Environmental Impact Statement (EIS) related to a zoning text or mapping amendment in the East Harlem community. The broader framework should take into account qualitative information, use the CEQR process as an educational and engagement opportunity with the community, and institute a feedback model for compliance and implementation of mitigation measures.

The purpose and need of the environmental review should explicitly cite and include the objectives of the East Harlem Neighborhood Plan, specifically the overarching goal of a vibrant, thriving, livable and affordable East Harlem. The findings should be analyzed from the perspective of the positions laid out in East Harlem Neighborhood Plan.

In addition to requesting an enhanced EIS be conducted, a supplementary integrated impact study should be completed as part of any proposal for East Harlem, utilizing quantitative and qualitative tools. The purpose of this study is to evaluate the potential for non-traditional unanticipated impacts and serve as a guide to bolster the respective subgroup objectives and gauge the impact on vulnerable sub-populations.

Standards for public engagement should go beyond the minimum requirements laid out in the CEQR manual and should use the process as an opportunity to ensure a more comprehensive proposal.

- ✓ The scoping notice and the draft scope of work should be available in multiple languages, and an extended review time frame beyond the minimum 30 days for public review and comment should be provided.

- ✓ In order to fully engage the community, a minimum of two scoping sessions should be held, one during the day, one at night, with childcare provided, and scoping sessions should have translation services available. The noticing of these sessions should be sent to local neighborhood papers and a good-faith effort made to flyer NYCHA developments and major transit hubs.
- ✓ Updates during the environmental review process should be provided on a regular basis by meeting with the Community Board and providing updated handouts available in multiple languages.

1.

Recommendations for an Integrated Impact Statement

ECONOMIC IMPACTS

Examine how the recommendations may impact local businesses, neighborhood income distribution, human capital, employment, and real estate prices.

HEALTH IMPACTS

Examine how recommendations may impact community health using a social determinants of health perspective; including how access to goods, services, employment, safe and affordable housing, as well as open space contributes to the general well-being and health for the residents of East Harlem.

SOCIAL IMPACTS

Examine the impact of the recommendations on social factors such as gang and youth violence, child development, mental health and social capital.

EQUITY ASSESSMENT

Examine whether recommendations will have differential impacts on vulnerable sub-populations such as people who are homeless, physically disabled, and racial/ethnic minorities.

HOUSING AFFORDABILITY IMPACTS

Analysis of how new development will affect housing affordability for low-income residents.

2.

Recommendations for an Enhanced Environmental Review

SOCIOECONOMIC CONDITIONS

Establish baselines regarding displacement, warehousing of existing residential units, neighborhood specific business challenges, and housing rents in the informal market.

Assess the impacts of development on construction workforce job quality, living wages, local hiring, absence of prevailing wage requirement and the availability of apprenticeship programs.

Study job generation as a result of the rezoning and how job and economic sector growth is benefitting local residents as compared to people outside of the immediate area.

HISTORIC AND CULTURAL RESOURCES

An assessment of eligible historic and cultural resources should be developed in direct consultation with the community, and such list should be used as the enhanced baseline for analysis for impacts.

WATER AND SEWER INFRASTRUCTURE

Assessment of water and sewer infrastructure should be enhanced with community surveys on existing water pressure conditions, frequency of sewage problems, sidewalk or street flooding et al to identify existing gaps in infrastructure investment and maintenance in addition to the need for additional capacity analysis.

PUBLIC HEALTH

Analysis should consider local smoking rates, activity level, availability of health care, and perceptions regarding availability of health care, active design, general well-being, acceptance and treatment of those with mental health concerns, or those in other vulnerable populations such as the elderly, those with terminal diseases such as AIDS, members of the LGBTQ community, and those who are homeless.

NEIGHBORHOOD CHARACTER

Definition and baseline should be informed by community input and expanded to include cultural and demographic identities, and mitigation measures to indirect or adverse impacts should be created with consultation by the community. Information collected during the community visioning sessions that noted exact locations or areas that contribute to the neighborhood character should be incorporated.

CONSTRUCTION IMPACTS

Consider as part of the baseline existing 311 calls regarding enforcement, work without a permit, emergency demolition permits, and other quality of life concerns. In cases where the soft analysis reveals sites adjacent or proximate to schools, senior care, or daycare centers and analysis is not triggered by the minimum thresholds set out in the CEQR manual, but the time frame for construction, noise and air impacts will correspond with operational hours and days, then a full analysis and mitigation measures consideration should be conducted.

LAND USE AND PUBLIC POLICY

Analysis should acknowledge that a change in administration may alter the public policy goal of affordable housing, and speak to mitigation measures to ensure long-term implementation of the target affordability levels established elsewhere in this plan.

From: Public Hearing Comments (Do not reply) [mailto:PublicComments_DL@planning.nyc.gov]

Sent: Tuesday, May 09, 2017 11:22 AM

To: Calvin Brown (DCP) <CBROWN@planning.nyc.gov>; ManhattanComments_DL <ManhattanComments_DL@planning.nyc.gov>

Subject: Comments re: C 170226 ZMM - ECF East 96Th Street

Re. Project: **C 170226 ZMM - ECF East 96Th Street**

- Application Number: **C 170226 ZMM**
- Project: **ECF East 96Th Street**
- Public Hearing Date: **05/10/2017**
- Borough: **Manhattan**
- Community District: **11**

Comments on the Draft Environmental Impact Statement received by the 10th calendar day following the close of the public hearing will be considered by the lead agency.

Submitted by:

Name: **Jennifer Lee**

Zip: **10128**

I represent:

• **Myself**

Details for "I Represent": **I live on East 96th Street, who will be directly impacted by this project.**

My Comments:

Vote: I am **opposed**

Have you previously submitted comments on this project? **No**

If yes, are you now submitting new information?

I have attended or will attend the City Planning Commission's Public hearing on this project: **No**

Additional Comments:

As a local resident, I firmly oppose the ECF East 96th Street project for these reasons. 1) It is illegal to build the project on State parkland. There's no open space/park in the area except for

Marx Brothers Playground at this project site, reduced to a soccer field (for the Second Ave Subway construction staging). Years of construction will deprive many youth of even this small space which is used every day. 2) Such a 68-story building violates the current zoning. It will be by far the tallest building in the area, totally out of context with the neighborhood and throwing long shadows for an estimated 513 acres. 3) The densely populated area is already highly congested with pedestrian & vehicular traffic (4 schools, FDR entrance/exit, 2 subway stations, bus stops, hospital & many residential towers all within a one-block radius). 1,100 rental units, retail space & 3 schools will make this problem far worse & unsafe. PLEASE RESTORE the block to a desperately needed public park/playground, NOT another super high-rise (where the rent would be unaffordable to most residents in the area even for the designated "affordable" units). Thank you.

CITY PLANNING COMMISSION

Calendar Information Office – 31st Floor

120 Broadway, New York, N.Y. 10271

Subject ECF East 96th St Project

Date of Hearing May 10, 2017

Calendar No.

Borough Manhattan ULURP No.: C 170226 ZMM, N 170227 ZRM,

C 170228 ZSM, and C 170229 ZSM

CD No. 11

Position:

Opposed X

In Favor

Comments:

I am a professor at the City University of New York and have been for the past 17 years. My professional life has been dedicated to teaching the youth of NYC, most of whom come from our city's public-schools. For this reason, I favor and support the schools proposed as part of the development at 96th Street and Second Avenue.

That said, good public schools should not come at the expense of a neighborhood and its residents. For this reason, I am writing to express my strong opposition to the 68-story development that has been proposed at 96th Street and Second Avenue. The reasons for my opposition are as follows.

First, this building violates the current zoning, is exponentially taller than any other building in the area and is completely out of context with the neighborhood. In addition it throws long shadows for an estimated 513 acres, including large parts of East River Esplanade, Cherry Tree Park, Blake Hobbs Playground, Stanley Isaacs Playground, and some parts of Central Park, Normandie Court Plaza, Harlem RBI and Samuel Seabury Playground that are vital outdoor spaces for area residents.

Second, the project is to be built on State parkland, which is illegal. Further, during the many years of construction, the project will deny many hundreds of local children and families of the use of that park space.

Third, the 1,100 apartments, retail space and three public schools will bring thousands of residents and students to the area on a daily basis, causing unacceptable pedestrian and vehicle traffic and congestion. Since E 96th is one of the most important paths to enter FDR, the traffic is already bad. It is not unusual to observe dangerous situations, particularly when students enter or exit the two elementary schools at the corner of E 96th St and 3rd Avenue.

Again, it is my sincere hope that new schools will be built. If and when the schools do get approved, the developer should be required to pay for at least 2 traffic crossing guards on 96th and 97th streets and 1st avenue, as is presently done on 96th and 3rd avenue.

Name: REBECCA E. CONNOR

Address: 217 E 96th St, 26D

Organization:

East 96 St Neighbors



CITY PLANNING COMMISSION

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120 Broadway, New York, N.Y. 10271

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C 170228 ZSM, and C 170229 ZSM

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Second, the project is to be built on State parkland - which is illegal by itself - and will deny local children and families of the ability to use the open space during many years of construction.

Third, the 1,100 apartments, retail space and three public schools will bring thousands of residents and students to the area on a daily basis, causing unacceptable pedestrian and vehicle traffic and congestion. Since E 96th is one of the most important paths to enter FDR, the traffic is already quite bad and it is not unusual to observe dangerous situations, particularly when students enter or exit the two elementary schools at the corner of E 96th St and 3rd Avenue.

Name: Joelyn Ceave

Address: 217 E 96th St 2FD

Organization (if any) NEW YORK NY 10128

East 96 St Neighbors

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120 Broadway, New York, N.Y. 10271

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Name: DIVYA SINGH 

Address: 217 E 96TH ST

East 96 St Neighbors

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Name: NISHANT UPADHYAY 

Address: 217 E 96TH ST

Organization (if any)

East 96 St Neighbors

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Name: Katia Sakamoto

Address: 217 E 96th St apt 26C New York NY 10128

Organization (if any)

East 96 St Neighbors

CITY PLANNING COMMISSION

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Name: Lesley Domiano, Lesley Domiano

Address: 217 E. 96 St (29N) NY NY 10128

Organization (if any)

East 96 St Neighbors

CITY PLANNING COMMISSION

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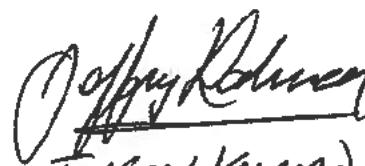
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Name: JEFFREY AND BARBARA KALMAN

Address: 217 EAST 96TH ST. AA 29E NY, NY 11212

Organization (if any)

East 96 St Neighbors


JEFFREY KALMAN