Appendix B: Community Facilities

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Appendix B1:
Community Facilities – Correspondence

The City of New York
POLICE DEPARTMENT
Office of Management Analysis and Planning
One Police Plaza, Room 1403
New York, New York 10038

May 7th, 2009

Mr. Ryan Herchenroether, Planner
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

Dear Mr. Herchenroether,

This letter is in response to your request for information regarding the New York City Police Department facilities that serve the areas that will be affected by proposed development at three sites: the Western Rail Yard development site, and two "Additional Housing Sites," one near Tenth Avenue and West 48th Street and one at Ninth Avenue near West 54th Street.

The 10th Precinct, located at 230 West 20th Street, currently provides police services for the Western Rail Yard site. The 10th Precinct has 153 sworn uniformed members of the service assigned (as of March 31st, 2009). The 10th Precinct's 2008 annual average response time for crimes in progress was six minutes seven seconds. There are no plans to alter or move the 10th Precinct stationhouse at this time.

The Midtown North Precinct, located at 306 West 54th Street, currently provides police services for the two sites described in your letter as "Additional Housing Sites". The Midtown North Precinct has 279 sworn uniformed members of the service assigned (as of March 31st, 2009). The Midtown North Precinct's 2008 annual average response time for crimes in progress was six minutes fifty-three seconds. There are no plans to alter or move the Midtown North Precinct stationhouse at this time.

The Midtown South Precinct, which you reference in your letter, does not provide police services to the areas affected by this project.

The unnamed police facility that you reference in your letter is Manhattan South Task Force, located at 524 West 42nd Street. Manhattan South Task Force has 189 sworn uniform members of the service assigned (as of March 31st, 2009). Patrol Borough Task Forces augment patrol precincts in their delivery of police services and rapidly provide additional police personnel for large-scale incidents. There are no plans to alter or move the Manhattan South Task Force facility at this time.

Mounted Unit, Troop B, located at Pier 76, currently provides high-visibility patrol, traffic enforcement, and crowd control as necessary. Because the property owner of this facility does not wish to extend its lease arrangement with the NYPD, the Department of Citywide Administrative Services is currently exploring relocation options. Both the Mounted Unit Troop B and Manhattan South Task Force provide services for the southern half of Manhattan, an area much larger than the area encompassed by the proposed actions.

Manhattan Traffic Task Force, located at 138 West 30th Street, has 227 sworn uniformed members of the service assigned (as of March 31st, 2009). Manhattan Traffic Task Force performs functions primarily related to traffic enforcement, but also represents an additional police presence and provides additional resources in the event of a large scale incident. Manhattan Traffic Task Force provides services to the entire Borough of Manhattan, and there are no plans to alter or move the facility at this time.

Your letter also references the Movie and TV Unit, which uses the same facility as Manhattan Traffic Task Force. This unit is not normally involved in the delivery of local police services. It provides its special services for the entire City.

The Drug Enforcement Task Force that you reference in your letter is a joint federal, state, and municipal law-enforcement entity. The Drug Enforcement Agency provides oversight for this entity, which provides narcotics enforcement for the entire City.

It is important to note that although the Drug Enforcement Task Force, the Movie and TV Unit, Mounted Unit Troop B, Manhattan Traffic Task Force, and Manhattan South Task Force occupy facilities that are located within the vicinity of the proposed developments, these units provide police services for a much larger area. They should not be considered when determining the scope of police services available to the particular proposed developments. These units supplement patrol, but they do not factor into local response capabilities. Once again, the 10th Precinct and the Midtown North Precinct are the police units that are *primarily* responsible for providing police services to the delineated development areas.

The Police Department analyzes the deployment of its personnel using an algorithm designed in conjunction with the Rand Corporation to suggest the optimal number of personnel that should be assigned to a precinct in order to maximize the effectiveness of the Department's emergency response, crime fighting efforts, and quality-of-life initiatives.

The Department uses a quantitative method for deploying the Department's personnel. It is not a predictive formula, and is constrained by existing resources. When and if the Western Rail Yard site and the Additional Housing Sites projects come to fruition, however, police services will need to be evaluated in light of any projected population increases and possible demographic shifts. While, as with any large scale development, there will be an impact, at this time, it is impossible to forecast the need for increased staffing at the precincts concerned. As such, we request that the NYPD continue to be provided information as the project proceeds. Accurate projections and up-to-date data will assist the Department in determining future staffing and resource needs for the area concerned, allowing the Department to continue to serve the project area in keeping with its needs.

Thank you for including the New York City Police Department in the planning process of the Western Rail Yard project.

Sincerely,

John K. Donohue
Deputy Chief
Commanding Officer
Office of Management Analysis and Planning

The City of New York

FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PATRICK McNALLY
Chief of Operations
Bureau of Operations Room 7W-4

May 8, 2009

AKRF
440 Park Avenue South, 7th floor
New York, New York 10016
Attn: Ryan Herchenroether

Re: Fire Services Information Request
Western Rail Yard / Hudson Yards Project
Borough of Manhattan

Dear Sir,

The Fire Department, Bureau of Operations has received your letter concerning the above referenced project and has recently re-evaluated the site plan and documents for the above development. After further review, we offer the following comments in answer to your questions.

1. Fire protection in this area is adequate at this time.

2. No changes in fire protection or fire houses are planned at this time. This is of course subject to constant re-evaluation and unanticipated changes may occur over the ten year period in question, from 2009 to 2019.

3. If the proposed development occurs as you anticipate, then an increase in fire protection may be required. The addition of approximately 6.3 million gross square-foot mixed –use development consisting of commercial, retail and/or hotel space, residential units, a public school, and other community facilities will increase the demand for fire protection and for emergency medical services.

4. Additional fire companies and/or a fire house and additional Emergency Medical Services Units may be required to satisfy the increase demand.

5. In the event the 37 million square feet of Hudson Yards development materials by 2017/2019, the service demands from the additional 6.3 million square feet of WRY development would not result in a need for an additional fire station, but could be addressed through monitoring the growth and development of the area and adjusting staffing and other resources as needed.

We appreciate you seeking our advice on this vital matter. As future plans are developed we request that you forward them to the Fire Department for review. If you have any questions please call Captain George Becker at (718) 855-8571.

Very truly yours,

Patrick McNally
Chief of Operations

Cc: Celeste Evans
Senior Project Manager
NYC Department of City Planning
22 Reade Street, 4th Floor East
New York, NY 10007

Appendix B2:

Hudson Yards FGEIS Updated Public School and Day Care Analysis for 2010 and 2013 Updated on Mitigation Implementation for 2010 Impact on Public Schools and Child Care

DEPARTMENT OF CITY PLANNING
CITY OF NEW YORK

MEMORANDUM

To: File

From: Sarah Whitham

C: Robert Dobruskin
Celeste Evans

Date: May 8, 2009

Re: *Hudson Yards FGEIS*
Updated Public School and Day Care Analyses for 2010 and 2013
Update on Mitigation Implementation for 2010 Impact on Public Schools and Child Care

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Background

Public Schools

The *No. 7 Subway Extension-Hudson Yards Rezoning and Development Program FGEIS (Hudson Yards FGEIS)*, issued on November 8, 2004, found that the proposed project would have a significant adverse impact on public elementary and intermediate schools within the study area (aka "Region 3," bounded by West 14th Street, Broadway, West 59th Street, and Route 9A), as well as for Community School District 2 as a whole, for both the 2010 and 2025 Build Years. The *HY FGEIS* also forecast the potential elementary and intermediate school impacts later identified in the *Special West Chelsea District Rezoning and High Line Open Space FEIS* (*West Chelsea FEIS*), issued on May 13, 2005.

The *Hudson Yards FGEIS* discussed the mitigation required for the cumulative school impacts of the West Chelsea and Hudson Yards development programs. As indicated in the *Hudson Yards FGEIS*, with the adoption of the West Chelsea Rezoning (or adoption of an alternative resulting in comparable development), a new K-8 elementary/ intermediate school would be required by 2013, in addition to a school enlargement (by 2010) and an additional school (by 2025) required as a result of the Hudson Yards rezoning itself. The *FGEIS* noted that the NYC Department Education (DOE) would continue to monitor trends in demand for school seats in the area; that the DOE's responses to identified demand could take place in stages; and the responses could

include administrative actions and/or enlargement of existing schools, followed by the later construction or lease of new school facilities at an appropriate time.

In response to the findings in the *Hudson Yards FGEIS*, the Department of Education amended its proposed *Five-Year Capital Plan (FY 2005-2009)* to include design monies for a 110-seat addition to PS 51 (to be fully funded and completed in FY 2010) and a 630-seat PS/IS school (to be fully funded for construction in the *FY 2010-2014 Capital Plan*) located within or near the Hudson Yards project area.

Child Care Facilities

The *HY FGEIS* found that the proposed project would have a significant adverse impact on day care facilities within the study area (within an approximate 1-mile radius from the rezoning area) for both the 2010 and 2025 Build Years.

The *Hudson Yards FGEIS* noted that mitigation for this impact could include adding capacity to existing facilities or providing a new day care facility in or near the Project Area. However, the *FGEIS* further noted that "it is not possible to know exactly which type of mitigation would be most appropriate and when, because the demand for publicly funded day care depends not only on the amount of residential development in the area, but [on] the proportion of new residents who are children of low-income families. Therefore, ACS will monitor development of the Project Area and respond as appropriate to provide the capacity needed."

Public School Enrollment Update

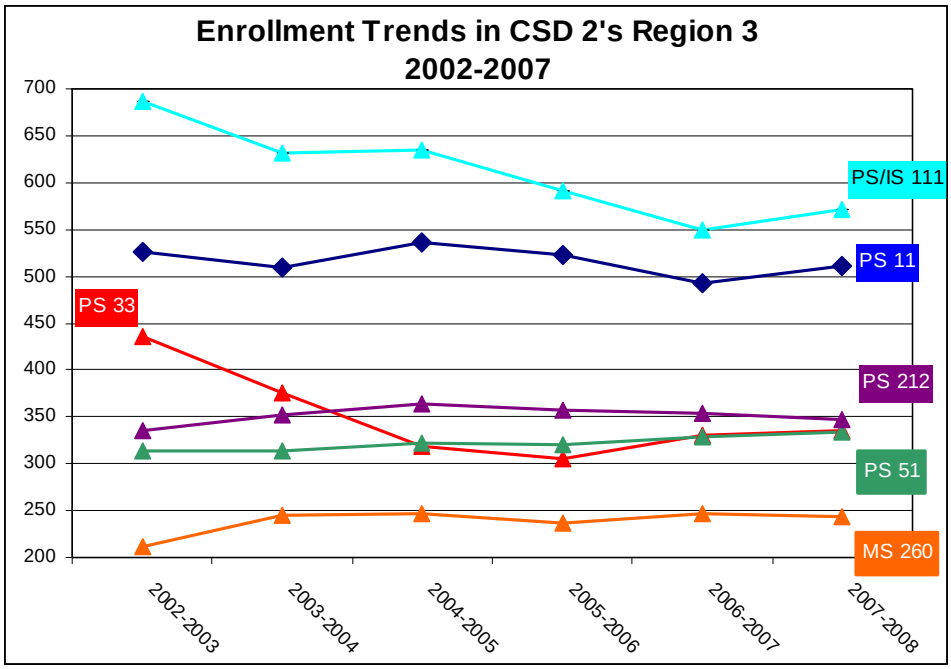
Since the City Council's adoption of the Hudson Yards and West Chelsea rezonings in 2005, the Department of Education and the NYC School Construction Authority have closely monitored the development of new housing units and school enrollment trends in this area of Community School District 2 and adjusted their Capital Plan for Community School District 2 accordingly.[1]

As shown in Figure 1, enrollments at two of the elementary schools within the Hudson Yards and West Chelsea study area (CSD 2's Region 3) have declined substantially since the rezonings were adopted. Enrollment at PS 33, the elementary school nearest to these rezoning areas has declined 22.8 percent since 2002. In the 2007-2008 school year, PS 33 had 212 available seats. Similarly, enrollment at PS/IS 111(at the northern end of Region 3) has declined 16.6 percent, and in 2007-2008 had 205 available seats. PS 11, located on West 21st Street, has experienced a modest decline in enrollment of 2.9 percent since 2002.

[1] Since the adoption of the *FY 2005-2009 Capital Plan*, the SCA/DOE issues annual amendments which incorporate updates resulting from sustained changes in trends. These amendments are submitted to the City Council for approval. This process gives SCA/DOE the flexibility to respond more quickly to changes in need, and allows them to channel their capital funding to areas with the greatest need for new schools seats.

However, two of the elementary schools, PS 51 and PS 212 have experienced modest increases in enrollment (6.7 and 3.3 percent, respectively), and enrollment at MS 260 (located in the PS 11 building) has increased 15.6 percent during the same period of time. In the 2007-2008 school year, PS 51 was short 58 seats.

Figure 1
Enrollment Trends in CSD 2's Region 3, 2002-2007



As shown in Table 3, the SCA's latest enrollment projections for CSD 2 (Actual 2007, Projected 2008-2017) indicate that elementary enrollment in this school district is expected to increase between 11.8 and 14.1 percent. They project more modest increases for intermediate school enrollment over that same period of time. However, these projections, based on recent births, current school enrollment, and cohort survival methodology, are for the school district as a whole. CSD 2 covers the Upper East Side, Midtown between 14th and 59th streets, Greenwich Village, Chinatown, Tribeca, and Lower Manhattan. The Hudson Yards and West Chelsea rezoning areas are relatively small areas within the school district, and as shown earlier, enrollments in the schools serving those areas have declined overall in the last several years.

Table 3
Enrollment Projections for CSD 2 (Actual 2007, Projected 2008-2017):
Comparison of SCA's Enrollment Projections by Statistical Forecasting and Grier Consulting

CSD 2 Total	Statistical Forecasting	Grier
Actual 2007	21303	21303
Projected 2008	21561	21471
" 2009	21795	21667
" 2010	22089	21928
" 2011	22384	22204
" 2012	22661	22480
" 2013	22949	22786
" 2014	23158	23025
" 2015	23493	23418
" 2016	23663	23743
" 2017	23693	23933
CSD 2 Elementary		
Actual 2007	15032	15032
Projected 2008	15347	15259
" 2009	15612	15484
" 2010	15892	15733
" 2011	16123	15945
" 2012	16476	16300
" 2013	16671	16585
" 2014	16734	16723
" 2015	16788	16868
" 2016	16826	17030
" 2017	16813	17158
CSD 2 Intermediate		
Actual 2007	6271	6271
Projected 2008	6214	6212
" 2009	6183	6182
" 2010	6197	6195
" 2011	6261	6259
" 2012	6185	6180
" 2013	6278	6202
" 2014	6424	6302
" 2015	6705	6550
" 2016	6837	6713
" 2017	6880	6775
Notes: Special Education (SE) and GED are excluded. Elementary consists of Grades PK-5; Intermediate consists of Grades 6-8. These enrollment projections do not include Charter school enrollments. In 2007-2008 there were no charter schools in CSD 2.		

As noted earlier, enrollment at PS 33, the elementary school nearest to the Hudson Yards and West Chelsea rezoning areas, has declined substantially since the environmental documents for these rezonings were finalized and the findings adopted. Furthermore, enrollment at other elementary schools within CSD's Region 3 have not warranted new capital expenditures in this area of Community School District 2, with the exception of the planned expansion of PS 51, in either the *Adopted Five Year Capital Plan, 2005-2009*, or the *Proposed Five-Year Capital Plan, 2010-2014.*

Updated Development Analysis

An updated analysis of development in Hudson Yards, using CEQR analysis standards, corroborates the SCA's capital planning strategies for this area. The Hudson Yards FGEIS analysis was based on the development of 8,921 new dwelling units in the No-Build condition (including projected dwelling units from the West Chelsea and Ladies Mile rezonings) and an additional 844 new dwelling units in the Build condition as set forth in the Hudson Yards FGEIS. An evaluation of the projected development projects (No-Build and Build) indicates, however, that only 5,045 DUs (including West Chelsea and Ladies Mile development sites) will be completed by 2010. Based on this data, utilization for public elementary and intermediate schools within the study area actually decreases slightly because the number of DUs originally projected for the *HY FGEIS* 2010 RWCDS sites is less than what will actually be developed by 2010. The analysis was also done for 2013. With the additional seats that are planned for PS 51 (see below), there will be sufficient capacity in CSD 2's Region 3 elementary schools by 2013. Based on CEQR criteria, there would be no need for mitigation implementation in 2010 and 2013 (see Appendix).

Revised Plan for PS 51

In anticipation of the need generated by the development of new housing units as a result of the Hudson Yards rezoning (by 2010 and beyond), as well as a trend of increasing enrollment at this school, the SCA/DOE has entered into an agreement with HPD and Gotham (aka Studio City) to build a replacement school building for PS 51, the zoned school for the northern portion of the Hudson Yards rezoning area, and expand the capacity of the school to 630 seats. Instead of a 110-seat addition to an antiquated school building, as contemplated at the time of the *Hudson Yards FGEIS,* the City is adding 354 new seats[2] to the capacity of this school through the new replacement building. The new school is expected to be funded in the *Five-Year Capital Plan, 2010-2014*, and completed by September 2012.

Revised Plan for new PS/IS School

In anticipation of the continued development of new housing units facilitated by the Hudson Yards and West Chelsea rezonings, as well as the more than 5,000 housing units planned for the Western Rail Yards (WRY) project, the SCA has entered into negotiations with Related Companies for the provision of a new, 750-seat PS/IS facility on the WRY site. This proposed school facility is included in the *Proposed Five-Year Capital Plan, 2010-2014 .*

Conclusion for Public Schools

As stated above, it was noted at the time of the *Hudson Yards FGEIS* that the NYC Department Education (DOE) would continue to monitor trends in demand for school seats in the area; that the DOE's responses to identified demand could take place in stages; and the responses could include administrative actions and/or enlargement of

[2] Based on information provided for Western Rail Yards analysis.

existing schools, followed by the later construction or lease of new school facilities at an appropriate time. The foregoing analysis shows that implementation of the mitigation measures identified for the Hudson Yards rezoning for 2010 and in relation to development under the West Chelsea rezoning for 2013 is not warranted in light of enrollment trends. Based on monitoring of the development of new housing units and enrollment trends in area schools since the rezonings were adopted, the SCA and the DOE have not identified a need for new school seats in the rezoning areas by 2010. Further, if enrollment in these area schools continues to be stable or decline, continuing the pattern of the last few years, there will be no need for a new K-8 school in these rezoning areas by 2013.

The SCA has responded to enrollment trends since the rezonings were adopted by pursuing measures (PS 51 relocation/expansion) that will result in a larger number of additional seats (354 vs. 110) by 2012, than was anticipated for 2010. SCA will continue to monitor enrollment and plan for responses to demand that result from Hudson Yards development, as that development proceeds.

Child Care Facilities Update

The Agency for Children's Services has monitored the need for publicly subsidized day care services in this area of Manhattan since the rezoning was adopted. In August 2008 they published the results of a community needs analysis "*Charting the Course for Child Care and Head Start: Community Needs Analysis of Early Child Care and Education in New York City*." Based on their analysis of available capacity in the Chelsea/Clinton neighborhoods and the population of eligible children (Children under 6 below 200% Federal Poverty Level) in those neighborhoods, they did not identify a need for more capacity in those neighborhoods.

The potential for an increased number of eligible children generated by affordable housing that could be created by the use of inclusionary zoning or other measures in this area of Manhattan is being closely monitored by ACS. This potential increase in demand could be offset by a number of factors. In addition to publicly funded child care capacity within a mile or so of the rezoning area, private child care facilities and child care centers outside of the these areas (e.g., closer to parent's place of work) could be used by eligible families. Some of the increased day care demand would likely be offset by parents who choose to take their children to child care centers outside of the study area (e.g., closer to work). Some of the Family Day Care Networks serve children residing in the study area and could potentially absorb some of the demand.

Should the need for additional publicly funded child care capacity emerge, it would be considered in future ACS' Request for Proposal planning for contracted services. Finally, new capacity could potentially be developed as part of ACS's public-private partnership initiatives.

Conclusion for Child Care Services

ACS will continue to monitor development of the Project Area and respond as appropriate to provide the capacity needed. At this time , no need for additional capacity has been identified for 2010.

Appendix : Updated Hudson Yards CEQR Analysis for Public Schools

The No-Build analysis for the *HY FGEIS* was based on *HY FGEIS* Table 3-2 "Residential Units in the Project Area (section for Future Without the Proposed Action)" and Table 3-3 "Development Under Construction Outside the Project Area-Future Without the Action". These tables identified a number of projected housing units from private development projects as well as projected housing units from the Ladies Mile and the Special West Chelsea rezonings for the 2010 Build Year.

A reassessment of these projects (including RWCDS sites from the rezonings) found that a considerable number of projected dwelling units have not, or will not, be constructed by 2010 (see Tables 1 and 2).

In the Project Area, as shown in Table 1, the number of DUs projected to be completed by 2010 increased slightly overall due to the large increase in the number of units in the River Place II development (from 2,406 DUs to 2,946 DUs). However, as shown in Table 2, the projected number of dwelling units decreased substantially in the Study Area (which excludes the Project Area), to 2,603 DUs (down from 6,577 DUs).

Based on the revisions encapsulated in Tables 1 and 2, the latest available enrollment, capacity and utilization data, and the latest available enrollment projections, the *HY FGEIS* public school analysis was updated for the 2010 Build Year. Since the HY FGEIS was adopted, the Department of Education and the NYC School Construction Authority has

- provided new information on enrollments in PS/IS schools allowing the apportionment of elementary and intermediate seats in those schools to the separate elementary and intermediate school analyses; and
- implemented a new capacity standard, called "Target Capacity"; target capacity assumes reduced class sizes of 20 children per class for grades K-3.

These changes are incorporated into the updated analysis. In addition, MS 104, which serves a very large section of Community School District 2, was included in the intermediate school analysis. Students living in the far west midtown area are not zoned to a particular middle school; it is likely that many of these children are assigned to MS 104.

This updated analysis finds that there is no significant adverse impact for public schools for the 2010 Build Year (see attached updates for HY FGEIS Tables 6-3 through 6-10). Based on the revised analysis, utilization for public elementary and intermediate schools within the study area would actually decrease slightly because of the reduction in the number of DUs originally projected for the *HY FGEIS* 2010 RWCDS sites. As noted in the comments in Table 1, two of the 2010 Projected Development sites have shifted to the 2025 Build Year, and a third site has not been redeveloped for residential use.

Table 1 (HY FGEIS Table 3-2)
RESIDENTIAL UNITS IN THE PROJECT AREA (2010 excerpt)

Project Area	Existing Conditions	Future Without the Proposed Action		Future With the Proposed Action		Increment	
		FGEIS	Updated	FGEIS	Updated	FGEIS	Updated
RWCDS Sites	62	1,298	1,298	2,674	866	1,376	-432
River Place II	0	532	1349	0	1349	-532	0
Ivy Tower	0	320	43	320	43	0	0
360 West 43rd Street	0	256	256	256	256	0	0
Total	62	2,406	2946	3,250	2514	844	-432

Table 2 (HY FGEIS Table 3-3)
DEVELOPMENT UNDER CONSTRUCTION OR PROPOSED OUTSIDE THE PROJECT AREA EXPECTED TO BE COMPLETED IN THE FUTURE WITHOUT THE PROPOSED ACTION
(2010 excerpt of projects with housing units)

Ref No.	Development Name/Address	Proposal	Build Year	FGEIS Total DU	Updated Total DU	Market Rate Units	Updated Market Rate Units	Low-Mod Units	Updated Low-Mod Units
3	306 W. 44th St., W. 44th St. and Eighth Ave.	564 residential units; 13,750 sf retail	2005	564	0	564	0	NA	0
8	Friars Tower, W. 31st St. between Seventh Ave. and Broadway	534 residential units	2005	534	460	534	460	NA	0
11	Eighth Ave. and W. 20th St.	37 residential units; 7,000 sf ground-floor retail	2004		37		37		0
12	Special W. Chelsea District Rezoning (south of W. 27th St.)	3,368 residential units, 154,495 sf retail, 198,726 sf community facility space	2010	3,368	1,074	2,908	932	460	132
13	Biltmore Theater Project 770-780 Eighth Ave.	460 residential units; 38,906 sf office; 6,101sf retail; 650 theater seats.	2004	460	464	460	464	NA	0
14	812 Sixth Ave.	269 residential units; 59,000 sf retail	2004	269	0	269	0	NA	0
15	35 W. 33rd St. between Fifth and Sixth Aves.	168 residential units	2004	168	168	168	168	NA	0
23	Clinton Mews – 511 West 46th and 516 West 47th Streets	151 residential units	2006	151	149	151	149	NA	0
24	Pitcairn – 505-513 West 47th Street	95 residential units	2006	95	109	95	109	NA	0
26	Ladies Mile Rezoning	931 residential units and 34,715 sf retail	2010	931	142	869	114	62	28
				6,577	2,603	6,055	2,433	522	160

Updated HY FGEIS Tables 6-3 to 6-10

Table 6-3
2007–2008 SCHOOL YEAR: PUBLIC ELEMENTARY/INTERMEDIATE SCHOOL ENROLLMENT, CAPACITY, AND UTILIZATION

Map No.	School Name	Address	Enrollment in Program	Capacity	Available Seats in Program	Program Utilization
Elementary Schools						
1	P.S. 51 Elias Howe School	520 W. 45th Street	334	276	-58	121%
2	P.S. 33 Chelsea School	281 Ninth Avenue	336	548	212	61%
3	P.S. 212 Midtown West School	328 W. 48th Street	347	342	-5	101%
4	P.S. 11 William J. Harris School	320 W. 21st Street	511	458	-53	112%
5	P.S. 111 Adolph S. Ochs School	440 W. 53rd Street	356	483	127	74%
Totals, Region 3			1,884	2,107	223	89%
Totals, CSD 2			15,055	14,329	-726	105%
Junior High/Intermediate Schools						
6	I.S./J.H.S. 260 Clinton School	320 W. 21st Street	244	264	20	92%
7	M.S. 104 Simon Baruch	330 E. 21st Street	1040	1181	141	88%
	P.S. 111 IS component		216	294	78	73%
Total, Region 3 and MS 104			1500	1739	239	86%
Totals, CSD 2			6,218	7,028	810	88%

Table 6-4
2007–2008 SCHOOL YEAR: MANHATTAN PUBLIC HIGH SCHOOL ENROLLMENT, CAPACITY AND UTILIZATION

Map No.	School Name	Address	Enrollment in Program	Capacity	Available Seats in Program	Program Utilization
7	Professional Performing Arts High School	328 W. 48th Street	428	538	110	80%
8	Fashion Industries High School	233 W. 24th Street	1,664	1,975	311	84%
9	Bayard Rustin High School	351 W. 18th Street	2,122	2,282	160	93%
10	High School for Graphic Communication Arts	439 W. 49th Street	1,839	1,829	-10	101%
11	Park West High School	525 W. 50th Street	2,018	2,987	969	68%
12	High School for Environmental Studies	444 W. 56th St.	1,746	1,524	-222	115%
Totals, High schools near Project Area			9,817	11,135	1318	88%
Totals, High schools in Manhattan			58,080	62,030	3950	94%

Table 6-5
2010 FUTURE WITHOUT THE PROPOSED ACTION: PROJECTED NEW HOUSING UNITS AND ESTIMATED NUMBER OF STUDENTS GENERATED BY THE NEW HOUSING UNITS

	Housing Units	Elementary School	Intermediate School	High School	Total
Project Area					
Market Rate*	2,650	318	106	159	583
Low-Moderate Income	234	28	9	14	51
Sub-total	2,884	346	115	173	634
Study Area					
Market Rate*	2,433	292	97	146	535
Low-Moderate Income	160	19	6	10	35
Total	5,477	657	218	329	1,204

* The total number of residential units in the Project Area under existing and the Future Without the Proposed Action conditions are provided in Table 3-2 of Chapter 3, "Analytical Framework." The number of units in the Future Without the Proposed Action in Tables 3-1 and 3-2 include existing residential units. Therefore, the total number of new housing units in the Future Without the Proposed Action as represented in Table 6-5 is calculated by removing the existing units in Table 3-2 from the total number of units in the Future Without the Proposed Action in Table 3-1.

** Excluding Project Area. The total number of new housing units in the Future Without the Proposed Action in the Study Area is provided in Table 3-3. However, two projects, 325 Fifth Avenue and 400 Fifth Avenue (Projects 21 and 22 on Table 3-3, respectively), are located outside of the community facilities study area. Therefore, the total number of new housing units in the Future Without the Proposed Action in the Study Area as represented in Table 6-5 is calculated by removing the number

Note: Table updated using *CEQR Technical Manual* Table 3C-2, updated Fall 2008; no income distinction in Fall 2008 ratios

Table 6-6
2010 FUTURE WITHOUT THE PROPOSED ACTION: ESTIMATED PUBLIC ELEMENTARY/INTERMEDIATE SCHOOL ENROLLMENT CAPACITY AND UTILIZATION

Region/District	Projected Enrollment in 2010	Students Generated from New Residential Development	Total Projected Enrollment	Program Capacity	Available Seats in Program	Program Utilization
Elementary Schools						
Totals, Region 3	2,066	346	2,412	2,107	-305	114%
Totals, CSD 2	15,892	657	16,549	14,329	-2,220	115%
Junior High/Intermediate Schools						
Totals, Region 3 and MS 104	1487	115	1,602	1,739	137	92%
Totals, CSD 2	6,197	218	6,415	7,028	613	91%

Note: For 2010 enrollment projections, Statistical Forecasting Projection series (Actual 2007, Projected 2008-2017) was used

Table 6-6a
2013 FUTURE WITHOUT THE PROPOSED ACTION: ESTIMATED PUBLIC ELEMENTARY/INTERMEDIATE SCHOOL ENROLLMENT CAPACITY AND UTILIZATION

Region/District	Projected Enrollment in 2013	Students Generated from New Residential Development	Total Projected Enrollment	Program Capacity	Available Seats in Program	Program Utilization
Elementary Schools						
Totals, Region 3	2,166	346	2,512	2,461	-51	102%
Totals, CSD 2	16,661	657	17,318	14,683	-2,635	118%
Junior High/Intermediate Schools						
Totals, Region 3 and MS 104	1507	115	1622	1,739	117	93%
Totals, CSD 2	6,278	218	6,496	7,028	532	92%

Notes: For 2013 enrollment projections, Statistical Forecasting Projection series (Actual 2007, Projected 2008-2017) was used

PS 51 new additional capacity of 354 seats, to be completed by 2013, added to elementary school capacity.

Table 6-7
2010 FUTURE WITHOUT THE PROPOSED ACTION: ESTIMATED MANHATTAN PUBLIC HIGH SCHOOL ENROLLMENT, CAPACITY AND UTILIZATION

Region/District	Projected Enrollment in 2010	Students Generated from New Residential Development	Total Projected Enrollment 2010	Program Capacity	Available Seats in Program	Program Utilization
High Schools						
In Manhattan	53,788	329	54,117	62,030	7,913	87%

Note: For 2010 enrollment projections, Statistical Forecasting Projection series (Actual 2007, Projected 2008-2017) was used

Table 6-8
2010 FUTURE WITH THE PROPOSED ACTION: PROJECTED NEW HOUSING UNITS AND ESTIMATED NUMBER OF STUDENTS GENERATED BY THE NEW HOUSING UNITS

	Housing Units	Elementary School	Intermediate School	High School	Total
Project Area					
Market Rate					
Low-Moderate Income					
Total	-432	-52	-17	-26	-95

Table 6-9
2010 FUTURE WITH THE PROPOSED ACTION: ESTIMATED PUBLIC ELEMENTARY/INTERMEDIATE SCHOOL ENROLLMENT, CAPACITY, AND UTILIZATION

Region/District	Projected Enrollment in 2010	Students Generated from Proposed Action	Total Projected Enrollment in 2010	Program Capacity	Available Seats in Program	Program Utilization
Elementary Schools						
Totals, Region 3	2,412	-52	2,360	2,107	-253	112%
Totals, CSD 2	16,549	-52	16,497	14,329	-2,168	115%
Junior High/Intermediate Schools						
Totals, Region 3	1,602	-17	1,585	1,739	154	91%
Totals, CSD 2	6,415	-17	6,398	7,028	630	91%

Table 6-9a
2013 FUTURE WITH THE PROPOSED ACTION: ESTIMATED PUBLIC ELEMENTARY/INTERMEDIATE SCHOOL ENROLLMENT, CAPACITY, AND UTILIZATION

Region/District	Projected Enrollment in 2013	Students Generated from Proposed Action	Total Projected Enrollment in 2010	Program Capacity	Available Seats in Program	Program Utilization
Elementary Schools						
Totals, Region 3	2,512	-52	2,460	2,461	1	100%
Totals, CSD 2	17,318	-52	17,266	14,683	-2,583	118%
Junior High/Intermediate Schools						
Totals, Region 3	1,622	-17	1,605	1,739	134	92%
Totals, CSD 2	6,496	-17	6,479	7,028	549	92%

Table 6-10
2010 FUTURE WITH THE PROPOSED ACTION: ESTIMATED MANHATTAN PUBLIC HIGH SCHOOL ENROLLMENT, CAPACITY AND UTILIZATION

		Students Generated from Proposed Action	Projected Enrollment in 2010	Program	Available Seats in	Program
High Schools in Manhattan	54,117	-26	54,091	62,030	7,939	87%