Appendix E

Construction

Appendix E-1 Construction Trucks and Workforce Projections

NYU Core Phase 1 Truck Projection

Average Delivery Trucks per Day

Work Task	Start Date	End Date	Truck Type	Average Truck per Day	Peak Trucks per Day	Peak Trucks per hour	Total Deliveries for Period	Duration in days	Check
Temporary Gym									
Excavation & Foundations	10/1/2013	12/1/2013	Dump truck (20 cy)	1	4	3	44	44	44
	10/1/2013	12/1/2013	Concrete Truck (11 yd)	3	15	4	131	44	132
	10/1/2013	12/1/2013	Concrete Pump Truck (1)	0.25	1	1	11	44	11
	10/1/2013	12/1/2013	Flat Bed Truck (Misc Deliveries)	2	4	2	87	44	88
	10/1/2013	12/1/2013	Utility / Fuel deliveries	1	1	1	44	44	44
Superstructure	12/1/2013	1/17/2014	Steel Deliveries (Tractor Trailer)	2	6	4	67	35	70
	12/1/2013	1/17/2014	Flat Bed Truck (Misc Deliveries)	1	5	4	34	35	35
	12/1/2013	1/17/2014	Utility / Fuel deliveries	1	1	1	34	35	35
	12/1/2013	1/17/2014	Rubbish Carting Trucks	0.2	1	1	10	35	7
Envelope	1/1/2014	3/1/2014	Framing Material & Panel Deliveries	2	6	4	84	43	86
	1/1/2014	3/1/2014	Window Deliveries	0.5	4	2	21	43	21.5
	1/1/2014	3/1/2014	Flat Bed Truck (Misc Deliveries)	1	3	2	42	43	43
	1/1/2014	3/1/2014	Utility / Fuel deliveries	0.5	1	1	21	43	21.5
Interiors	2/1/2014	6/30/2014	Box Truck / Van Deliveries	6	16	4	639	106	636
	2/1/2014	6/30/2014	Flatbed / Trailer Deliveries	1	4	2	106	106	106
	2/1/2014	6/30/2014	Rubbish carting Trucks	0.5	1	1	53	106	53
Zipper Building Tower									
Demolition of Existing Gym	7/1/2014	12/31/2014	Flat Bed Truck (Misc Deliveries)	0.5	3	2	65	132	66
	7/1/2014	12/31/2014	Utility / Fuel deliveries	0.5	1	1	65	132	66
	7/1/2014	12/31/2014	20 yard Dump Trucks	1	4	2	131	132	132
	7/1/2014	12/31/2014	Rubbish Carting Trucks	1	2	1	131	132	132
Excavation/Foundation	4/1/2015	6/1/2016	Dump truck (20 yard)	25	30	5	7625	306	7650
	4/1/2015	6/15/2016	Concrete Truck (11 yd)	4	35	5	1260	316	1264
	4/1/2015	6/15/2016	Concrete Pump Truck (1)	0.2	1	1	63	316	63.2
	1/1/2015	6/15/2016	Flat Bed Truck (Misc Deliveries)	3	4	2	1138	380	1140
	1/1/2015	6/15/2016	Utility / Fuel deliveries	1	2	1	379	380	380
Superstructure	2/1/2016	11/1/2016	Concrete Pump Truck	0.4	1	1	78	197	78.8
	2/1/2016	11/1/2016	Concrete Truck 11 yds	8	30	5	1566	197	1576
	2/1/2016	11/1/2016	Rubbish Carting Trucks (note: inc e	1	2	1	196	197	197
	2/1/2016	11/1/2016	Flatbed Deliveries	6	12	4	1174	197	1182
	2/1/2016	11/1/2016	Utility / Fuel Deliveries	1	1	1	196	197	197
	2/1/2016	11/1/2016	Box Truck Deliveries	12	24	4	2349	197	2364
Envelope	7/1/2016	4/1/2017	Curtainwall Panel Delivery Truck	2	5	4	391	196	392
	7/1/2016	4/1/2017	Flatbed Deliveries	1	2	2	196	196	196
	7/1/2016	4/1/2017	Box Truck (Misc deliveries)	2	4	2	391	196	392
Interiors	12/1/2016	12/31/2017	Box Truck / Van Deliveries	12	16	4	3386	282	3384
	12/1/2016	12/31/2017	Flatbed / Trailer Deliveries	4	8	2	1129	282	1128
	12/1/2016	12/31/2017	Rubbish carting Trucks	1	2	1	282	282	282
Zipper Building Academic									
Superstructure	5/1/2016	8/1/2017	Concrete Pump Truck	0.4	1	1	131	327	130.8
	5/1/2016	8/1/2017	Concrete Truck 11 yds	3	40	5	979	327	981
	4/1/2016	6/1/2017	Rubbish Carting Trucks	1	2	1	304	305	305
	9/1/2016	6/1/2017	Steel Delivery Trucks	4	8	5	780	196	784
	11/1/2016	3/1/2017	Precast Panel Deliveries	4	6	4	343	87	348
	4/1/2016	6/1/2017	Flatbed Deliveries	8	12	2	2434	305	2440
	4/1/2016	6/1/2017	Utility / Fuel Deliveries	1	1	1	304	305	305
	4/1/2016	6/1/2017	Box Truck Deliveries	8	16	3	2434	305	2440
Envelope	4/1/2017	12/1/2017	Curtainwall Panel Delivery Truck	6	10	4	1046	175	1050
	4/1/2017	12/1/2017	Box Truck (Misc deliveries)	4	8	3	697	175	700
Interiors	12/1/2017	12/31/2018	Box Truck / Van Deliveries	16	24	6	4514	282	4512
	12/1/2017	12/31/2018	Flatbed / Trailer Deliveries	8	12	4	2257	282	2256
	12/1/2017	12/31/2018	Rubbish carting Trucks	1	3	1	282	282	282
Bleeker School									
Demolition	9/1/2018	11/1/2018	Flat Bed Truck (Misc Deliveries)	1	3	2	44	44	44
	9/1/2018	11/1/2018	Utility / Fuel deliveries	1	1	1	44	44	44
	9/1/2018	11/1/2018	20 yard Dump Trucks	2	6	4	87	44	88
	9/1/2018	11/1/2018	Rubbish Carting Trucks	0.5	1	1	22	44	22
Excavation & Foundations	11/1/2018	10/1/2019	Dump truck (20 yard)	25	24	5	5964	239	5975
	11/1/2018	10/1/2019	Concrete Truck (11 yd)	2	30	4	477	239	478
	11/1/2018	10/1/2019	Concrete Pump Truck (1)	0.25	1	1	60	239	59.75
	11/1/2018	10/1/2019	Flat Bed Truck (Misc Deliveries)	2	5	2	477	239	478
	11/1/2018	10/1/2019	Utility / Fuel deliveries	1	2	1	239	239	239
Superstructure/ Envelope	12/1/2019	7/1/2020	Concrete Pump Truck	0.3	1	1	46	153	45.9
	12/1/2019	7/1/2020	Concrete Truck 11 yds	2.5	25	5	380	153	382.5
	10/1/2019	7/1/2020	Rubbish Carting Trucks	1	2	1	196	197	197
	10/1/2019	5/1/2020	Steel Delivery Trucks	4	7	5	609	154	616
	10/1/2019	7/1/2020	Flatbed Deliveries	6	12	3	1174	197	1182
	10/1/2019	7/1/2020	Utility / Fuel Deliveries	1	1	1	196	197	197
	10/1/2019	7/1/2020	Box Truck Deliveries	5	10	2	979	197	985
Envelope	6/1/2020	11/1/2020	Curtainwall Panel Delivery Truck	3	6	4	328	110	330
	6/1/2020	11/1/2020	Box Truck (Misc deliveries)	2	5	3	219	110	220
Interiors	9/1/2020	12/31/2021	Box Truck / Van Deliveries	12	16	4	4166	349	4188
	9/1/2020	12/31/2021	Flatbed / Trailer Deliveries	4	8	2	1389	349	1396
	9/1/2020	12/31/2021	Rubbish carting Trucks	1	3	1	347	349	349
Parking Garage									
Demolition of Temp Gym	10/1/21	12/31/21	Flat Bed Truck (Misc Deliveries)	1	4	2	65	66	66
	10/1/21	12/31/21	Utility / Fuel deliveries	1	1	1	65	66	66
	10/1/21	12/31/21	20 yard Dump Trucks	2	6	3	130	66	132
	10/1/21	12/31/21	Rubbish Carting Trucks	0.5	2	1	33	66	33
General Trucks									

General Trucks: 10 per day in every month, Oct-13 through Dec-21.

Year	Quarter	Month	Total number of trucks per day	Average daily trucks per quarter
2013	4Q	Oct	17	
		Nov	17	
		Dec	14	16
2014	1Q	Jan	18	
		Feb	22	
		Mar	18	19
	2Q	Apr	18	
		May	18	
		Jun	18	18
	3Q	Jul	13	
		Aug	13	
		Sep	13	13
	4Q	Oct	13	
		Nov	13	
		Dec	13	13
2015	1Q	Jan	14	
		Feb	14	
		Mar	14	14
	2Q	Apr	43	
		May	43	
		Jun	43	43
	3Q	Jul	43	
		Aug	43	
		Sep	43	43
	4Q	Oct	43	
		Nov	43	
		Dec	43	43
2016	1Q	Jan	43	
		Feb	72	
		Mar	72	62
	2Q	Apr	90	
		May	93	
		Jun	68	84
	3Q	Jul	65	
		Aug	65	
		Sep	69	66
	4Q	Oct	69	
		Nov	44	
		Dec	61	58
2017	1Q	Jan	61	
		Feb	61	
		Mar	57	60
	2Q	Apr	62	
		May	62	
		Jun	40	55
	3Q	Jul	40	
		Aug	37	
		Sep	37	38
	4Q	Oct	37	
		Nov	37	
		Dec	52	42
2018	1Q	Jan	35	
		Feb	35	
		Mar	35	35
	2Q	Apr	35	
		May	35	
		Jun	35	35
	3Q	Jul	35	
		Aug	35	
		Sep	40	37
	4Q	Oct	40	
		Nov	65	
		Dec	65	57
2019	1Q	Jan	40	
		Feb	40	
		Mar	40	40
	2Q	Apr	40	
		May	40	
		Jun	40	40
	3Q	Jul	40	
		Aug	40	
		Sep	40	40
	4Q	Oct	27	
		Nov	27	
		Dec	30	28
2020	1Q	Jan	30	
		Feb	30	
		Mar	30	30
	2Q	Apr	30	
		May	26	
		Jun	31	29
	3Q	Jul	15	
		Aug	15	
		Sep	32	21
	4Q	Oct	32	
		Nov	27	
		Dec	27	29
2021	1Q	Jan	27	
		Feb	27	
		Mar	27	27
	2Q	Apr	27	
		May	27	
		Jun	27	27
	3Q	Jul	27	
		Aug	27	
		Sep	27	27
	4Q	Oct	32	
		Nov	32	
		Dec	32	32

Percent trucks on extended shift

Number of trucks on extended shift

Max: 93 (monthly), 84 (quarterly); Average: 37

Max Monthly 93
Max Quarterly 84

	2013 4Q	2014 1Q	2Q	3Q	4Q	2015 1Q	2Q	3Q	4Q	2016 1Q	2Q	3Q	4Q	2017 1Q	2Q	3Q	4Q	2018 1Q	2Q	3Q	4Q	2019 1Q	2Q	3Q	4Q	2020 1Q	2Q	3Q	4Q	2021 1Q	2Q	3Q	4Q
Profile:	16	19	18	13	13	14	43	43	43	62	84	66	58	60	55	38	42	35	35	37	57	40	40	40	28	30	29	21	29	27	27	27	32

NYU Core - Phase 1 Workforce Projections (Average Number of Workers per Day)

	2013			2014												2015											
	4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temporary Gym																											
Excavation & Foundations	20	20																									
Superstructure/ Envelope			20	35	25																						
Interior Finishes					10	30	60	60	50																		
Demo Temp Gym																											
Demolition of Existing Gym										10	35	40	40	30	20												
Zipper Building Foundation																15	25	40	50	60	60	60	60	60	60	60	60
Zipper Tower																											
Superstructure/ Envelope																											
Interior Finishes																											
Zipper Academic																											
Superstructure/ Envelope																											
Interior Finishes																											
Bleeker School																											
Demolition																											
Excavation & Foundations																											
Superstructure/ Envelope																											
Interior Finishes																											
Total number of workers per day	20	20	20	35	35	30	60	60	50	10	35	40	40	30	20	15	25	40	50	60	60	60	60	60	60	60	60
Average daily workers per quarter			20			33			57			28			30			27			57			60			60
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	2016												2017												2018											
	1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temporary Gym																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Demo Temp Gym																																				
Demolition of Existing Gym																																				
Zipper Building Foundation	60	60	45	45	25	15																														
Zipper Tower																																				
Superstructure/ Envelope		20	54	68	85	128	181	210	233	283	257	213	190	90	35																					
Interior Finishes												40	60	75	100	125	150	150	150	170	170	150	100	50	200	400	550	700	750	750	750	750	650	500	350	100
Zipper Academic																																				
Superstructure/ Envelope				68	108	123	156	183	237	250	300	350	350	400	400	400	300	300	300	250	250	150	50													
Interior Finishes																								100												
Bleeker School																																				
Demolition																																	35	35		
Excavation & Foundations																																			15	30
Superstructure/ Envelope																																				
Interior Finishes																																				
Total number of workers per day	60	80	99	181	218	266	337	393	470	533	557	603	600	565	535	525	450	450	450	420	420	300	150	150	200	400	550	700	750	750	750	750	685	535	365	130
Average daily workers per quarter			80			222			400			564			567			475			430			200			383			733			728			343
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	2019												2020												2021													
	1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Temporary Gym																																						
Excavation & Foundations																																						
Superstructure/ Envelope																																						
Interior Finishes																																						
Demo Temp Gym																																		10	30	15		
Demolition of Existing Gym																																						
Zipper Building Foundation																																						
Zipper Tower																																						
Superstructure/ Envelope																																						
Interior Finishes																																						
Zipper Academic																																						
Superstructure/ Envelope																																						
Interior Finishes																																						
Bleeker School																																						
Demolition																																						
Excavation & Foundations	30	40	40	40	40	40	40	20	15																													
Superstructure/ Envelope										30	60	100	150	150	150	150	150	175	180	150	150	75																
Interior Finishes																					50	75	125	175	225	250	250	300	300	300	300	300	300	200	125	50	Max	Average
Total number of workers per day	30	40	40	40	40	40	40	20	15	30	60	100	150	150	150	150	150	175	180	150	200	150	125	175	225	250	250	300	300	300	300	300	300	210	155	65	750	221
Average daily workers per quarter			37			40			25			63			150			158			177			150			242			300			300			143	733	
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		

Max Monthly	750	🟨	demolition
Max Quarterly	733	🟥	Excavation & foundations
		🟦	Superstructure & envelope
		🟩	Interior finishes

2013			2014												2015											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
###	2014				2015				2016				2017				2018				2019				2020	
4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q
20	33	57	28	30	27	57	60	60	80	222	400	564	567	475	430	200	383	733	728	343	37	40	25	63	150	158

2016												2017												2018											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		2021																																	
3Q	4Q	1Q	2Q	3Q	4Q																														
177	150	242	300	300	143																														

2019												2020												2021											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12

NYU Core Phase 2 Truck Projection

Average Delivery Trucks per Day

Work Task	Start Date	End Date	Truck Type	Average Truck per Day	Peak Trucks per Day	Peak Trucks per hour	Total Deliveries for Period	Check
Parking Garage								
Excavation / Foundation	2/1/22	10/1/22	Dump truck (20 yard)	25	25	5	4321	108025
	4/1/22	1/31/23	Concrete Truck (11 yd)	2	30	4	436	872
	4/1/22	1/31/23	Concrete Pump Truck (1)	0.25	1	1	54	13.5
	1/1/22	1/31/23	Flat Bed Truck (Misc Deliveries)	2	5	2	564	1128
	1/1/22	1/31/23	Utility / Fuel deliveries	1	1	1	282	282
Superstructure (assume precast)	3/1/23	7/1/23	Concrete Pump Truck	0.2	1	1	17	3.4
	3/1/23	7/1/23	Concrete Truck 11 yds	2	25	5	174	348
	2/1/23	7/1/23	Rubbish Carting Trucks	0.3	1	1	32	9.6
	2/1/23	6/1/23	Precast Delivery Trucks	2	8	5	171	342
	2/1/23	7/1/23	Flatbed Deliveries	2	4	2	214	428
	2/1/23	7/1/23	Utility / Fuel Deliveries	1	1	1	107	107
	2/1/23	7/1/23	Box Truck Deliveries	4	8	2	429	1716
Interiors	7/1/23	9/30/23	Box Truck / Van Deliveries	8	12	5	874	6992
	7/1/23	9/30/23	Flatbed / Trailer Deliveries	4	8	2	437	1748
	7/1/23	9/30/23	Rubbish carting Trucks	0.2	1	1	22	4.4
WSV East Side								
Excavation/Foundation	11/1/23	5/1/25	Dump truck (20 yard)	18	30	5	7033	126594
	4/1/24	9/30/25	Concrete Truck (11 yd)	2	30	5	781	1562
	4/1/24	9/30/25	Concrete Pump Truck (1)	0.2	1	1	78	15.6
	10/1/23	9/30/25	Flat Bed Truck (Misc Deliveries)	3	5	2	1564	4692
	10/1/23	9/30/25	Utility / Fuel deliveries	1	2	1	521	521
Superstructure	7/1/25	12/31/25	Concrete Pump Truck	0.3	1	1	39	11.7
	7/1/25	12/31/25	Concrete Truck 11 yds	2.5	35	5	327	817.5
	4/1/25	12/31/25	Rubbish Carting Trucks	1	2	1	219	219
	4/1/25	11/1/25	Steel Delivery Trucks	3	8	5	459	1377
	4/1/25	12/31/25	Flatbed Deliveries	4	8	3	874	3496
	4/1/25	12/31/25	Utility / Fuel Deliveries	1	1	1	219	219
	4/1/25	12/31/25	Box Truck Deliveries	4	8	3	874	3496
Interiors	1/1/26	12/31/26	Box Truck / Van Deliveries	8	16	5	874	6992
	1/1/26	12/31/26	Flatbed / Trailer Deliveries	4	8	2	437	1748
	1/1/26	12/31/26	Rubbish carting Trucks	1	2	1	109	109
Mercer Building								
Superstructure	6/1/26	2/1/27	Concrete Pump Truck	0.3	1	1	53	15.9
	6/1/26	2/1/27	Concrete Truck 11 yds	2	25	5	350	700
	4/1/26	2/1/27	Rubbish Carting Trucks	1	2	1	219	219
	4/1/26	11/1/26	Steel Delivery Trucks	4	8	5	611	2444
	4/1/26	2/1/27	Flatbed Deliveries	3	8	2	656	1968
	4/1/26	2/1/27	Utility / Fuel Deliveries	1	1	1	219	219
	4/1/26	2/1/27	Box Truck Deliveries	6	16	3	1311	7866
Envelope	11/1/26	4/30/27	Curtainwall Panel Delivery Truck	2.5	6	5	321	802.5
	11/1/26	4/30/27	Box Truck (Misc deliveries)	4	8	3	514	2056
Interiors	3/1/27	9/30/28	Box Truck / Van Deliveries	16	24	4	6617	105872
	3/1/27	9/30/28	Flatbed / Trailer Deliveries	6	12	2	2481	14886
	3/1/27	9/30/28	Rubbish carting Trucks	1	3	1	109	109
Landscaping	5/1/28	9/30/28	Box Truck / Van Deliveries	2	4	2	219	438
	5/1/28	9/30/28	Flatbed / Trailer Deliveries	1	3	1	109	109
	5/1/28	9/30/28	Dump truck (20 yard)	2	5	2	219	438
WSV West Side								
Demolition	10/1/28	12/31/28	Flat Bed Truck (Misc Deliveries)	1	3	2	65	65
	10/1/28	12/31/28	Utility / Fuel deliveries	1	1	1	65	65
	10/1/28	12/31/28	20 yard Dump Trucks	1	4	3	65	65
	10/1/28	12/31/28	Rubbish Carting Trucks	0.5	1	1	33	16.5
Excavation/Foundation	1/1/29	2/1/30	Dump truck (20 yard)	25	30	5	7071	176775
	6/1/29	3/31/30	Concrete Truck (11 yd)	2	25	4	433	866
	6/1/29	3/31/30	Concrete Pump Truck (1)	0.25	1	1	76	19
	1/1/29	3/31/30	Flat Bed Truck (Misc Deliveries)	2	4	2	649	1298
	1/1/29	3/31/30	Utility / Fuel deliveries	1	1	1	324	324
Superstructure	3/1/30	6/30/30	Concrete Pump Truck	0.4	1	1	35	14
	3/1/30	6/30/30	Concrete Truck 11 yds	5	40	5	432	2160
	1/1/30	6/30/30	Rubbish Carting Trucks	1	2	1	219	219
	1/1/30	5/1/30	Steel Delivery Trucks	5	8	5	429	2145
	1/1/30	6/30/30	Flatbed Deliveries	3	8	2	656	1968
	1/1/30	6/30/30	Utility / Fuel Deliveries	1	1	1	219	219
	1/1/30	6/30/30	Box Truck Deliveries	4	8	3	874	3496
Interiors	7/1/30	3/31/31	Box Truck / Van Deliveries	8	16	5	874	6992
	7/1/30	3/31/31	Flatbed / Trailer Deliveries	4	8	2	437	1748
	7/1/30	3/31/31	Rubbish carting Trucks	1	2	1	109	109
LaGuardia Building								
Superstructure	9/1/30	12/1/30	Concrete Pump Truck	0.3	1	1	27	8.1
	9/1/30	12/1/30	Concrete Truck 11 yds	2	20	5	182	364
	7/1/30	12/1/30	Rubbish Carting Trucks	0.5	1	1	55	27.5
	7/1/30	10/1/30	Steel Delivery Trucks	4	8	5	368	1472
	7/1/30	12/1/30	Flatbed Deliveries	3	7	2	328	984
	7/1/30	12/1/30	Utility / Fuel Deliveries	1	1	1	109	109
	7/1/30	12/1/30	Box Truck Deliveries	8	16	4	874	6992
Envelope	12/1/30	4/1/31	Curtainwall Panel Delivery Truck	2.5	5	5	216	540
	12/1/30	4/1/31	Box Truck (Misc deliveries)	2	4	3	173	346
Interiors	2/1/31	12/31/31	Box Truck / Van Deliveries	8	16	4	1903	15224
	2/1/31	12/31/31	Flatbed / Trailer Deliveries	4	8	3	951	3804
	2/1/31	12/31/31	Rubbish carting Trucks	1	2	1	238	238
Interiors	5/1/31	9/30/31	Box Truck / Van Deliveries	2	4	2	219	438
	5/1/31	9/30/31	Flatbed / Trailer Deliveries	1	3	1	109	109
	5/1/31	9/30/31	Dump truck (20 yard)	2	5	2	219	438
General Trucks								

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Total number of trucks per day	18	43	43	45	45	45	45	45	45	20	20	20	20	24	27	27	27	25	27	27	27	19	37	37	37	37	37	39	39	39	39	39	39	39	39	39	39	39	39	52	34	34
Average daily trucks per quarter			35			45			45			20			24			26			27			31			37			39			39			39			39			40
Percent trucks on extended shift																																										
Number of trucks on extended shift																																										

Max Monthly 59
Max Quarterly 47

	2022				2023				2024				2025				2026				2027				2028				2029				2030				2031			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Profile:	35	45	45	20	24	26	27	31	37	39	39	39	39	40	37	29	28	44	45	47	34	40	38	38	38	41	43	19	43	44	45	45	44	31	46	40	42	28	28	0

NYU Core - Phase 2 Workforce Projections (Average Number of Workers per Day)

	2022												2023												2024											
	1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mercer Garage																																				
Excavation & Foundations	12	30	30	40	50	50	50	50	50	50	50	35	30																							
Superstructure/ Envelope														40	50	60	50	10																		
Interior Finishes																			25	40	25															
Mercer Building Below Grade																						20	30	40	60	60	60	60	60	60	60	60	60	60	60	60
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Mercer Building																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Laguardia Building Below Grade																																				
Demolition																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Laguardia Building																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Total number of workers per day	12	30	30	40	50	50	50	50	50	50	50	35	20	40	50	60	50	10	25	40	25	20	30	40	60	60	60	60	60	60	60	60	60	60	60	60
Average daily workers per quarter			24			47			50			45			37			40			30			30			60			60			60			60
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	2025												2026												2027											
	1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mercer Garage																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Mercer Building Below Grade	60	60	60	60	60	60	60	60	45	30																										
Excavation & Foundations						40	60	75	90	90	90	90	90	45																							
Superstructure/ Envelope													45	70	90	100	100	150	150	150	100	75	50	25												
Interior Finishes																																				
Mercer Building														25	70	100	130	150	180	200	200	200	200	150	110	75										
Superstructure/ Envelope																									50	100	150	200	250	250	250	275	275	300		
Interior Finishes																																				
Laguardia Building Below Grade																																				
Demolition																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Laguardia Building																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Total number of workers per day	60	60	60	100	120	135	150	135	120	90	90	45	45	70	90	125	170	250	280	300	280	275	250	225	200	150	160	175	150	200	250	250	250	275	275	300
Average daily workers per quarter			60			118			75			45			68			182			287			250			170			175			250			283
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	2028												2029												2030											
	1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q			1Q			2Q			3Q			4Q		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mercer Garage																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Mercer Building Below Grade																																				
Excavation & Foundations																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Mercer Building																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Laguardia Building Below Grade																																				
Demolition	300	325	325	300	250	200	100	75	25	20	40	25																								
Excavation & Foundations													20	30	40	60	60	60	60	60	60	60	60	60	60	35	25									
Superstructure/ Envelope																										40	60	80	100	100	50					
Interior Finishes																																				
Laguardia Building																																				
Superstructure/ Envelope																																				
Interior Finishes																																				
Total number of workers per day	300	325	325	300	250	200	100	75	25	20	40	25	20	30	40	60	60	60	60	60	60	60	60	60	90	95	105	100	100	50	70	120	170	215	225	200
Average daily workers per quarter			317			250			67			28			30			60			60			60			97			83			120			213
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	2031													
	1Q			2Q			3Q			4Q			Max	Avg
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Mercer Garage														
Excavation & Foundations														
Superstructure/ Envelope														
Interior Finishes														
Mercer Building Below Grade														
Excavation & Foundations														
Superstructure/ Envelope														
Interior Finishes														
Mercer Building														
Superstructure/ Envelope														
Interior Finishes														
Laguardia Building Below Grade														
Demolition														
Excavation & Foundations														
Superstructure/ Envelope														
Interior Finishes														
Laguardia Building														
Superstructure/ Envelope														
Interior Finishes	50	80	110	140	150	175	125	80	50					
Total number of workers per day	50	100	150	200	250	250	300	300	250	150	75		325	120
Average daily workers per quarter		185			200			283			158		317	
Percent workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--		
Number of workers on extended shift	--	--	--	--	--	--	--	--	--	--	--	--		

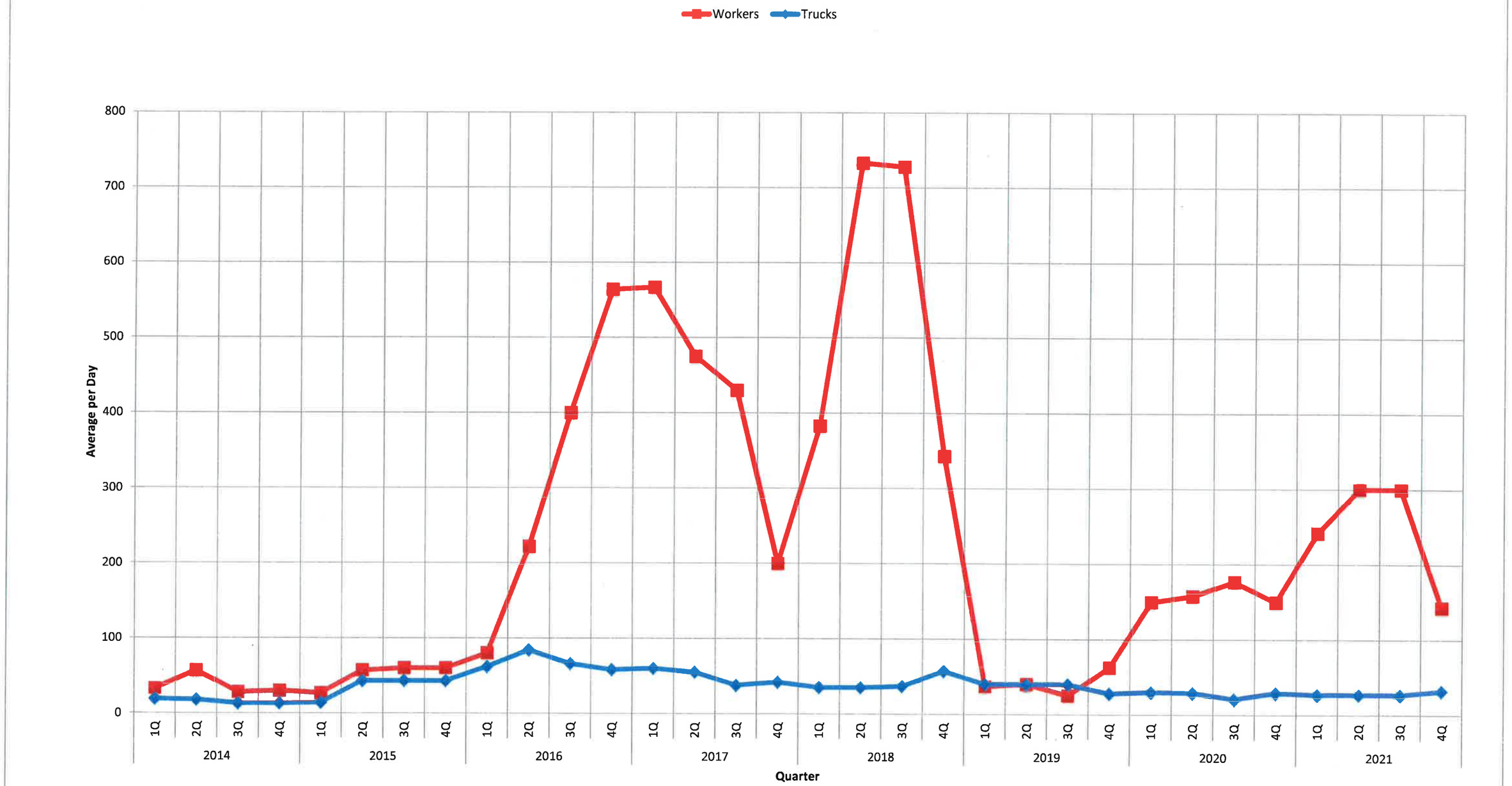
Max Monthly 325
Max Quarterly 317

demolition
Excavation & foundations
Superstructure & envelope
Interior finishes

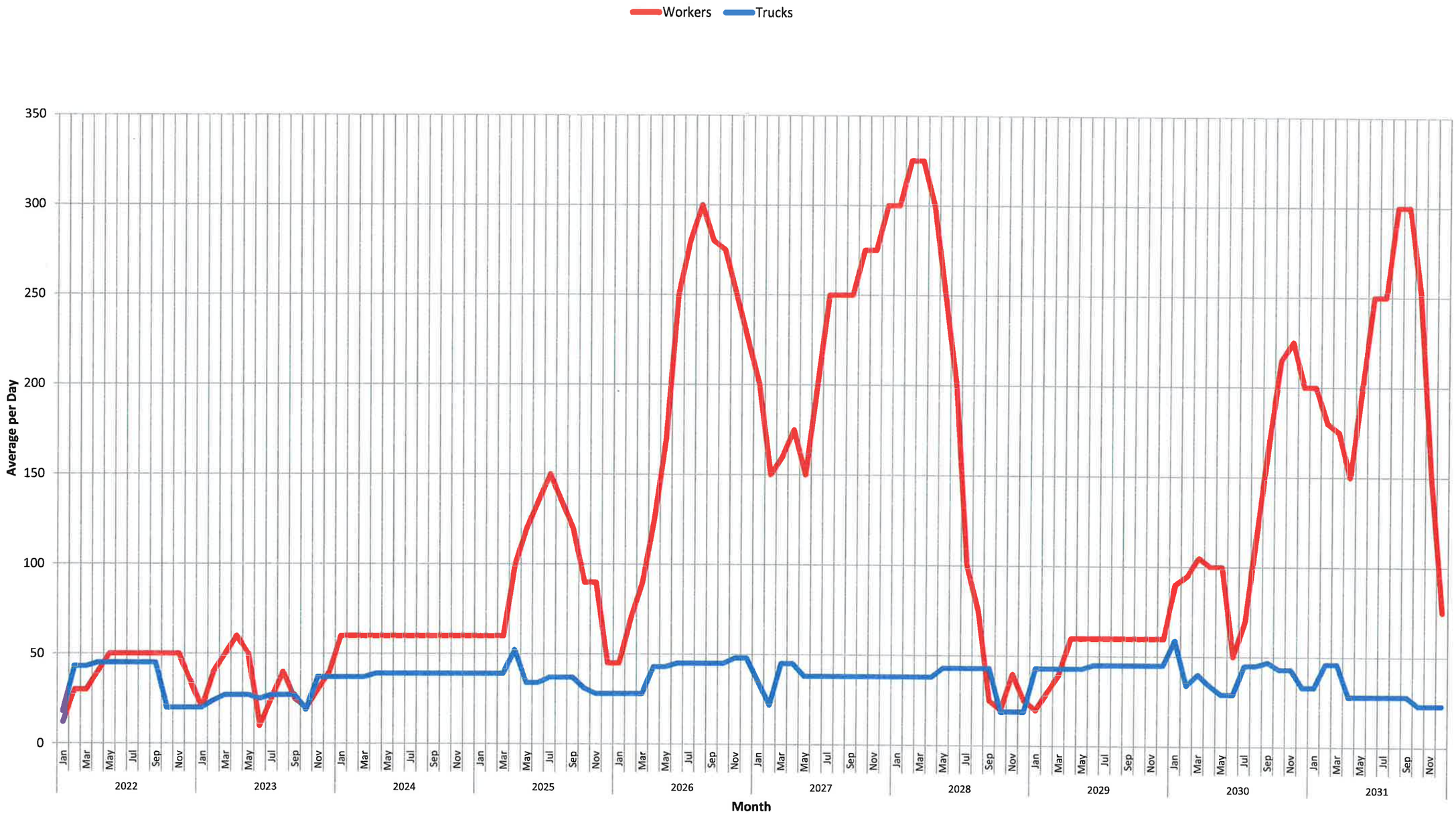
2022				2023				2024				2025				2026				2027				2028				2029				2030				2031			
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
24	47	50	45	37	40	30	30	60	60	60	60	60	118	135	75	68	182	287	250	170	175	250	283	317	250	67	28	30	60	60	60	97	83	120	213	185	200	283	158

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12

NYU Core 2031 Phase 1 Quarterly Worker and Truck Projections



NYU Core 2031 Phase 2 Monthly Worker and Truck Projections



Appendix E-2 **Construction Traffic**

NYU Core

Table 1
Construction Phase 1 (Weekday)-Level 1 Screening

Vehicle PCE Trips (Auto + Truck)																																			
				2013	2014				2015				2016				2017				2018				2019				2020				2021			
				4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time			In / Out																																
07:00 AM	-	08:00 AM	Total	18	24	26	15	15	19	50	51	51	73	109	113	124	124	110	89	67	79	119	119	95	44	45	43	35	49	46	40	45	55	62	62	48
08:00 AM	-	09:00 AM	Total	9	9	10	5	5	5	18	18	18	26	38	39	40	40	37	28	22	27	37	37	34	17	17	17	14	16	16	13	16	19	21	21	16
09:00 AM	-	10:00 AM	Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
10:00 AM	-	11:00 AM	Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
11:00 AM	-	12:00 PM	Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
12:00 PM	-	01:00 PM	Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
01:00 PM	-	02:00 PM	Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
02:00 PM	-	03:00 PM	Total	4	4	4	4	4	4	8	8	8	12	16	12	12	12	12	8	8	8	8	8	12	8	8	8	4	8	4	4	4	4	4	4	8
03:00 PM	-	04:00 PM	Total	4	4	4	4	4	4	8	8	8	13	18	15	16	16	15	11	9	11	13	13	14	8	8	8	4	9	5	5	5	6	6	6	9
04:00 PM	-	05:00 PM	Total	6	8	10	7	7	7	14	15	15	21	41	57	76	76	66	57	31	51	91	91	51	12	13	11	11	25	22	24	21	31	38	38	24
05:00 PM	-	06:00 PM	Total	0	1	1	1	1	1	1	1	1	2	5	9	12	12	10	9	4	8	16	15	7	1	1	1	1	3	3	4	3	5	6	6	3
			Daily Total	81	90	95	56	56	60	179	181	181	267	387	385	400	400	370	282	221	264	364	363	333	170	172	168	129	170	156	130	154	180	197	197	168

Auto 28.9%
Auto Occupancy 2.04

Table 2
Construction Phase 1 -Weekday Hourly Total Auto Trip Projection

Auto Trips				Regular Shift																																			
				Regular Shift Workers		2013	2014				2015				2016				2017				2018				2019				2020				2021			
						4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time			Temporal	Ph-1 Worker Projection-->		20	33	57	28	30	27	57	60	60	80	222	400	564	567	475	430	200	383	733	728	343	37	40	25	63	150	158	177	150	242	300	300	143
06:00 AM	- 07:00 AM		0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	- 08:00 AM		80%	In	100%	2	4	6	3	3	3	6	7	7	9	25	45	64	64	54	49	23	43	83	83	39	4	5	3	7	17	18	20	17	27	34	34	16
				Out	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	2	4	6	3	3	3	6	7	7	9	25	45	64	64	54	49	23	43	83	83	39	4	5	3	7	17	18	20	17	27	34	34	16
08:00 AM	- 09:00 AM		20%	In	100%	1	1	2	1	1	1	2	2	2	2	6	11	16	16	13	12	6	11	21	21	10	1	1	1	2	4	4	5	4	7	9	9	4
				Out	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	1	1	2	1	1	1	2	2	2	2	6	11	16	16	13	12	6	11	21	21	10	1	1	1	2	4	4	5	4	7	9	9	4
09:00 AM	- 10:00 AM		0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	- 11:00 AM		0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	- 12:00 PM		0%	In	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	- 01:00 PM		0%	In	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	- 02:00 PM		0%	In	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	- 03:00 PM		0%	In	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Total	**100%**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM	- 04:00 PM		5%	In	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	100%	0	0	0	0	0	0	0	0	0	1	2	3	4	4	3	3	1	3	5	5	2	0	0	0	0	1	1	1	1	2	2	2	1
				Total	**100%**	0	0	0	0	0	0	0	0	0	1	2	3	4	4	3	3	1	3	5	5	2	0	0	0	0	1	1	1	1	2	2	2	1
04:00 PM	- 05:00 PM		80%	In	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	100%	2	4	6	3	3	3	6	7	7	9	25	45	64	64	54	49	23	43	83	83	39	4	5	3	7	17	18	20	17	27	34	34	16
				Total	**100%**	2	4	6	3	3	3	6	7	7	9	25	45	64	64	54	49	23	43	83	83	39	4	5	3	7	17	18	20	17	27	34	34	16
05:00 PM	- 06:00 PM		15%	In	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Out	100%	0	1	1	1	1	1	1	1	1	2	5	9	12	12	10	9	4	8	16	15	7	1	1	1	1	3	3	4	3	5	6	6	3
				Total	**100%**	0	1	1	1	1	1	1	1	1	2	5	9	12	12	10	9	4	8	16	15	7	1	1	1	1	3	3	4	3	5	6	6	3
				In		3	5	8	4	4	4	8	9	9	11	31	56	80	80	67	61	29	54	104	104	49	5	6	4	9	21	22	25	21	34	43	43	20
				Out		2	5	7	4	4	4	7	8	8	12	32	57	80	80	67	61	28	54	104	103	48	5	6	4	8	21	22	25	21	34	42	42	20
				Total		5	10	15	8	8	8	15	17	17	23	63	113	160	160	134	122	57	108	208	207	97	10	12	8	17	42	44	50	42	68	85	85	40

Table 3
Construction Phase 1 -Weekday Hourly Truck Trip Projection

Truck Trips			Regular Shift																																	
	Regular Shift Trucks		2013	2014				2015				2016				2017				2018				2019				2020				2021			
			4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time	Temporal	Ph-1 Truck Projection-->	16	19	18	13	13	14	43	43	43	62	84	66	58	60	55	38	42	35	35	37	57	40	40	40	28	30	29	21	29	27	27	27	32
06:00 AM - 07:00 AM	0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM - 08:00 AM	25%	In 100%	4	5	5	3	3	4	11	11	11	16	21	17	15	15	14	10	11	9	9	9	14	10	10	10	7	8	7	5	7	7	7	7	8
		Out 100%	4	5	5	3	3	4	11	11	11	16	21	17	15	15	14	10	11	9	9	9	14	10	10	10	7	8	7	5	7	7	7	7	8
		Total	8	10	10	6	6	8	22	22	22	32	42	34	30	30	28	20	22	18	18	18	28	20	20	20	14	16	14	10	14	14	14	14	16
08:00 AM - 09:00 AM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
09:00 AM - 10:00 AM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
10:00 AM - 11:00 AM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
11:00 AM - 12:00 PM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
12:00 PM - 01:00 PM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
01:00 PM - 02:00 PM	10%	In 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Out 100%	2	2	2	1	1	1	4	4	4	6	8	7	6	6	6	4	4	4	4	4	6	4	4	4	3	3	3	2	3	3	3	3	3
		Total	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
02:00 PM - 03:00 PM	5%	In 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Out 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Total	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
03:00 PM - 04:00 PM	5%	In 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Out 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Total	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
04:00 PM - 05:00 PM	5%	In 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Out 100%	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	1	2
		Total	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
05:00 PM - 06:00 PM	0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		In	19	20	20	12	12	13	41	41	41	61	81	68	60	60	59	40	41	39	39	39	59	40	40	40	28	32	28	20	28	28	28	28	32
		Out	19	20	20	12	12	13	41	41	41	61	81	68	60	60	59	40	41	39	39	39	59	40	40	40	28	32	28	20	28	28	28	28	32
		Total	38	40	40	24	24	26	82	82	82	122	162	136	120	120	118	80	82	78	78	78	118	80	80	80	56	64	56	40	56	56	56	56	64

Table 3A
Construction Phase 1 -Weekday Hourly Truck Trip Projection (PCE)

PCE 2.00

Truck PCE Trips				Regular Shift																															
		Regular Shift Trucks		2013	2014				2015				2016				2017				2018				2019				2020				2021			
Time		Temporal	In / Out	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
06:00 AM - 07:00 AM		0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Out 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM - 08:00 AM		25%	In 100%	8	10	10	6	6	8	22	22	22	32	42	34	30	30	28	20	22	18	18	18	28	20	20	20	14	16	14	10	14	14	14	14	16
			Out 100%	8	10	10	6	6	8	22	22	22	32	42	34	30	30	28	20	22	18	18	18	28	20	20	20	14	16	14	10	14	14	14	14	16
			Total	16	20	20	12	12	16	44	44	44	64	84	68	60	60	56	40	44	36	36	36	56	40	40	40	28	32	28	20	28	28	28	28	32
08:00 AM - 09:00 AM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
09:00 AM - 10:00 AM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
10:00 AM - 11:00 AM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
11:00 AM - 12:00 PM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
12:00 PM - 01:00 PM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
01:00 PM - 02:00 PM		10%	In 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Out 100%	4	4	4	2	2	2	8	8	8	12	16	14	12	12	12	8	8	8	8	8	12	8	8	8	6	6	6	4	6	6	6	6	6
			Total	8	8	8	4	4	4	16	16	16	24	32	28	24	24	24	16	16	16	16	16	24	16	16	16	12	12	12	8	12	12	12	12	12
02:00 PM - 03:00 PM		5%	In 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Out 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Total	4	4	4	4	4	4	8	8	8	12	16	12	12	12	12	8	8	8	8	8	12	8	8	8	4	8	4	4	4	4	4	4	8
03:00 PM - 04:00 PM		5%	In 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Out 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Total	4	4	4	4	4	4	8	8	8	12	16	12	12	12	12	8	8	8	8	8	12	8	8	8	4	8	4	4	4	4	4	4	8
04:00 PM - 05:00 PM		5%	In 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Out 100%	2	2	2	2	2	2	4	4	4	6	8	6	6	6	6	4	4	4	4	4	6	4	4	4	2	4	2	2	2	2	2	2	4
			Total	4	4	4	4	4	4	8	8	8	12	16	12	12	12	12	8	8	8	8	8	12	8	8	8	4	8	4	4	4	4	4	4	8
05:00 PM - 06:00 PM		0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Out 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total			In	38	40	40	24	24	26	82	82	82	122	162	136	120	120	118	80	82	78	78	78	118	80	80	80	56	64	56	40	56	56	56	56	64
			Out	38	40	40	24	24	26	82	82	82	122	162	136	120	120	118	80	82	78	78	78	118	80	80	80	56	64	56	40	56	56	56	56	64
			Total	76	80	80	48	48	52	164	164	164	244	324	272	240	240	236	160	164	156	156	156	236	160	160	160	112	128	112	80	112	112	112	112	128

NYU Core

Table 4
Construction Phase 2 (Weekday)- Vehicle Trips Level 1 Screening

Vehicle PCE Trips (Auto + Truck)																																											
				2022				2023				2024				2025				2026				2027				2028				2029				2030				2031			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time			In / Out																																								
07:00 AM	-	08:00 AM	Total	39	49	50	25	28	33	31	35	43	47	47	47	47	53	51	37	36	65	77	76	55	60	68	72	76	68	52	23	47	51	51	51	55	41	62	64	65	51	60	42
08:00 AM	-	09:00 AM	Total	17	21	21	9	9	13	13	13	18	18	18	18	18	19	20	14	14	21	28	27	17	21	23	24	25	23	18	9	17	18	22	22	19	14	23	22	21	18	20	12
09:00 AM	-	10:00 AM	Total	16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20	12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
10:00 AM	-	11:00 AM	Total	16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20	12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
11:00 AM	-	12:00 PM	Total	16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20	12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
12:00 PM	-	01:00 PM	Total	16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20	12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
01:00 PM	-	02:00 PM	Total	16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20	12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
02:00 PM	-	03:00 PM	Total	8	8	8	4	4	4	4	8	8	8	8	8	8	8	8	4	4	8	8	8	8	8	8	8	8	8	8	4	8	8	8	8	8	8	8	8	8	4	4	4
03:00 PM	-	04:00 PM	Total	8	8	8	4	4	4	4	8	8	8	8	8	8	9	9	5	4	9	10	10	9	9	10	10	10	10	8	4	8	8	8	8	9	9	9	10	9	5	6	5
04:00 PM	-	05:00 PM	Total	11	13	14	9	8	9	7	11	15	15	15	15	15	21	23	13	12	29	41	36	27	28	36	40	44	36	16	7	11	15	15	15	19	17	22	32	29	27	36	22
05:00 PM	-	06:00 PM	Total	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	4	6	5	4	4	5	6	7	5	1	1	1	1	1	1	2	2	3	5	4	4	6	3
		Daily	Total	164	200	202	92	94	124	120	136	173	177	177	177	177	193	194	135	131	216	270	262	180	210	230	240	250	230	183	88	172	181	205	205	192	151	227	221	216	169	192	128

Auto 28.9%
Auto Occupancy 2.04

Table 5
Construction Phase 2 -Weekday Hourly Auto Trip Projection

Auto Trips			Regular Shift																																											
	Regular Shift Workers		2022				2023				2024				2025				2026				2027				2028				2029				2030				2031			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time	Temporal	Ph-2 Workforce Projection-->	24	47	50	45	37	40	30	30	60	60	60	60	60	118	135	75	68	182	287	250	170	175	250	283	317	250	67	28	30	60	60	60	97	83	120	213	185	200	283	158
07:00 AM - 08:00 AM	80%	In 100%	3	5	6	5	4	5	3	3	7	7	7	7	7	13	15	9	8	21	33	28	19	20	28	32	36	28	8	3	3	7	7	7	11	9	14	24	21	23	32	18
		Out 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	3	5	6	5	4	5	3	3	7	7	7	7	7	13	15	9	8	21	33	28	19	20	28	32	36	28	8	3	3	7	7	7	11	9	14	24	21	23	32	18
08:00 AM - 09:00 AM	20%	In 100%	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	2	2	5	8	7	5	5	7	8	9	7	2	1	1	2	2	2	3	2	3	6	5	6	8	4
		Out 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	2	2	5	8	7	5	5	7	8	9	7	2	1	1	2	2	2	3	2	3	6	5	6	8	4
09:00 AM - 10:00 AM	0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM - 11:00 AM	0%	In 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM - 12:00 PM	0%	In 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM - 01:00 PM	0%	In 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM - 02:00 PM	0%	In 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM - 03:00 PM	0%	In 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM - 04:00 PM	5%	In 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	2	1	1	2	2	2	2	0	0	0	0	0	0	1	1	1	2	1	1	2	1
		Total 100%	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	2	1	1	2	2	2	2	0	0	0	0	0	0	1	1	1	2	1	1	2	1
04:00 PM - 05:00 PM	80%	In 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 100%	3	5	6	5	4	5	3	3	7	7	7	7	7	13	15	9	8	21	33	28	19	20	28	32	36	28	8	3	3	7	7	7	11	9	14	24	21	23	32	18
		Total 100%	3	5	6	5	4	5	3	3	7	7	7	7	7	13	15	9	8	21	33	28	19	20	28	32	36	28	8	3	3	7	7	7	11	9	14	24	21	23	32	18
05:00 PM - 06:00 PM	15%	In 0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out 100%	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	4	6	5	4	4	5	6	7	5	1	1	1	1	1	1	2	2	3	5	4	4	6	3
		Total 100%	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	4	6	5	4	4	5	6	7	5	1	1	1	1	1	1	2	2	3	5	4	4	6	3
		In	4	6	7	6	5	6	4	4	9	9	9	9	9	16	19	11	10	26	41	35	24	25	35	40	45	35	10	4	4	9	9	9	14	11	17	30	26	29	40	22
		Out	4	6	7	6	5	6	4	4	8	8	8	8	8	17	19	12	9	26	41	35	24	25	35	40	45	35	9	4	4	8	8	8	14	12	18	31	26	28	40	22
		Total	8	12	14	12	10	12	8	8	17	17	17	17	17	33	38	23	19	52	82	70	48	50	70	80	90	70	19	8	8	17	17	17	28	23	35	61	52	57	80	44

Table 6
Construction Phase 2 -Weekday Hourly Truck Trip Projection

Truck Trips				Regular Shift																																					
	Regular Shift Trucks			2022				2023				2024				2025				2026				2027				2028				2029				2030				2031			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Time	Temporal	Ph-2 Truck Projection-->		35	45	45	20	24	26	27	31	37	39	39	39	39	40	37	29	28	44	45	47	34	40	38	38	38	41	43	19	43	44	45	45	44	31	46	40	42	28	28	23
07:00 AM - 08:00 AM	25%	In	100%	9	11	11	5	6	7	7	8	9	10	10	10	10	10	9	7	7	11	11	12	9	10	10	10	10	10	11	5	11	11	11	11	11	8	12	10	11	7	7	6
		Out	100%	9	11	11	5	6	7	7	8	9	10	10	10	10	10	9	7	7	11	11	12	9	10	10	10	10	10	11	5	11	11	11	11	11	8	12	10	11	7	7	6
		Total		18	22	22	10	12	14	14	16	18	20	20	20	20	20	18	14	14	22	22	24	18	20	20	20	20	20	22	10	22	22	22	22	22	16	24	20	22	14	14	12
08:00 AM - 09:00 AM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
09:00 AM - 10:00 AM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
10:00 AM - 11:00 AM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
11:00 AM - 12:00 PM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
12:00 PM - 01:00 PM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
01:00 PM - 02:00 PM	10%	In	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Out	100%	4	5	5	2	2	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	3	4	4	4	4	4	4	2	4	4	5	5	4	3	5	4	4	3	3	2
		Total		8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
02:00 PM - 03:00 PM	5%	In	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Out	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Total		4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
03:00 PM - 04:00 PM	5%	In	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Out	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Total		4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
04:00 PM - 05:00 PM	5%	In	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Out	100%	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1
		Total		4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
05:00 PM - 06:00 PM	0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		In		39	47	47	20	21	28	28	32	39	40	40	40	40	40	39	28	28	41	47	48	33	40	40	40	40	40	41	20	41	41	47	47	41	32	48	40	41	28	28	21
		Out		39	47	47	20	21	28	28	32	39	40	40	40	40	40	39	28	28	41	47	48	33	40	40	40	40	40	41	20	41	41	47	47	41	32	48	40	41	28	28	21
		Total		78	94	94	40	42	56	56	64	78	80	80	80	80	80	78	56	56	82	94	96	66	80	80	80	80	80	82	40	82	82	94	94	82	64	96	80	82	56	56	42

Table 6A

Construction Phase 2 -Weekday Hourly Truck Trip Projection(PCE)

PCE 2.00

Truck PCE Trips — Regular Shift

Time	Temporal	Regular Shift Trucks In / Out		2022				2023				2024				2025				2026			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
07:00 AM - 08:00 AM	25%	In	100%	18	22	22	10	12	14	14	16	18	20	20	20	20	20	18	14	14	22	22	24
		Out	100%	18	22	22	10	12	14	14	16	18	20	20	20	20	20	18	14	14	22	22	24
		Total		36	44	44	20	24	28	28	32	36	40	40	40	40	40	36	28	28	44	44	48
08:00 AM - 09:00 AM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
09:00 AM - 10:00 AM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
10:00 AM - 11:00 AM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
11:00 AM - 12:00 PM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
12:00 PM - 01:00 PM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
01:00 PM - 02:00 PM	10%	In	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Out	100%	8	10	10	4	4	6	6	6	8	8	8	8	8	8	8	6	6	8	10	10
		Total		16	20	20	8	8	12	12	12	16	16	16	16	16	16	16	12	12	16	20	20
02:00 PM - 03:00 PM	5%	In	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Out	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Total		8	8	8	4	4	4	4	8	8	8	8	8	8	8	8	4	4	8	8	8
03:00 PM - 04:00 PM	5%	In	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Out	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Total		8	8	8	4	4	4	4	8	8	8	8	8	8	8	8	4	4	8	8	8
04:00 PM - 05:00 PM	5%	In	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Out	100%	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	2	2	4	4	4
		Total		8	8	8	4	4	4	4	8	8	8	8	8	8	8	8	4	4	8	8	8
05:00 PM - 06:00 PM	0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		In		78	94	94	40	42	56	56	64	78	80	80	80	80	80	78	56	56	82	94	96
		Out		78	94	94	40	42	56	56	64	78	80	80	80	80	80	78	56	56	82	94	96
		Total		156	188	188	80	84	112	112	128	156	160	160	160	160	160	156	112	112	164	188	192

Time	Temporal	Regular Shift Trucks In / Out		2027				2028				2029				2030				2031			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
07:00 AM - 08:00 AM	25%	In	100%	18	20	20	20	20	20	22	10	22	22	22	22	22	16	24	20	22	14	14	12
		Out	100%	18	20	20	20	20	20	22	10	22	22	22	22	22	16	24	20	22	14	14	12
		Total		36	40	40	40	40	40	44	20	44	44	44	44	44	32	48	40	44	28	28	24
08:00 AM - 09:00 AM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
09:00 AM - 10:00 AM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
10:00 AM - 11:00 AM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
11:00 AM - 12:00 PM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
12:00 PM - 01:00 PM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
01:00 PM - 02:00 PM	10%	In	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Out	100%	6	8	8	8	8	8	8	4	8	8	10	10	8	6	10	8	8	6	6	4
		Total		12	16	16	16	16	16	16	8	16	16	20	20	16	12	20	16	16	12	12	8
02:00 PM - 03:00 PM	5%	In	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Out	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Total		8	8	8	8	8	8	8	4	8	8	8	8	8	8	8	8	8	4	4	4
03:00 PM - 04:00 PM	5%	In	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Out	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Total		8	8	8	8	8	8	8	4	8	8	8	8	8	8	8	8	8	4	4	4
04:00 PM - 05:00 PM	5%	In	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Out	100%	4	4	4	4	4	4	4	2	4	4	4	4	4	4	4	4	4	2	2	2
		Total		8	8	8	8	8	8	8	4	8	8	8	8	8	8	8	8	8	4	4	4
05:00 PM - 06:00 PM	0%	In	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Out	100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		In		66	80	80	80	80	80	82	40	82	82	94	94	82	64	96	80	82	56	56	42
		Out		66	80	80	80	80	80	82	40	82	82	94	94	82	64	96	80	82	56	56	42
		Total		132	160	160	160	160	160	164	80	164	164	188	188	164	128	192	160	164	112	112	84

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Appendix E-3 Construction Air Quality

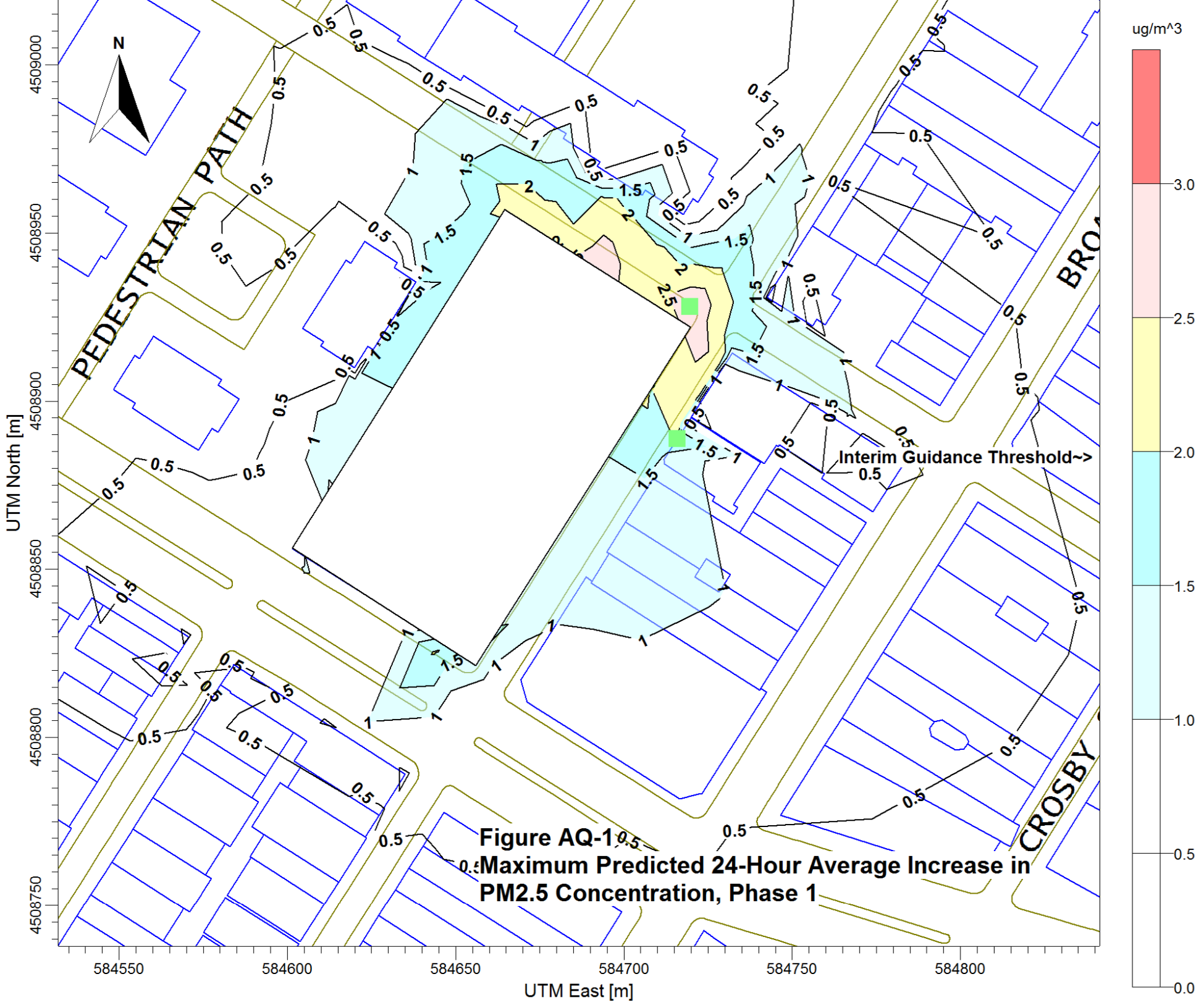

Figure AQ-1
Maximum Predicted 24-Hour Average Increase in PM2.5 Concentration, Phase 1

Appendix E-4 Construction Noise - Measured Existing Noise Levels

NYU Plans 2031
9/23/2009, 10/1/2009, 10/6/2009, 10/13/2009, 10/21/2009, 11/9/2010, 5/10/2011

SiteID	Location		L_{eq}	L_1	L_{10}	L_{50}	L_{90}	L_{Min}	L_{Max}	Minimum L_{eq}	Maximum L_{10}
1	West Houston Street at Greene Street	AM	73.7	83.4	77.3	69.8	62.0	58.7	85.8	72.6	77.4
		PreMD	73.3	81.5	76.8	70.7	62.7	59.9	87.4		
		MD	73.5	81.0	77.4	70.6	64.3	60.4	83.8		
		PrePM	72.6	81.0	76.3	69.9	61.9	59.6	84.2		
		PM	72.8	81.9	76.2	69.3	63.4	61.0	86.3		
2	Mercer Street between Bleecker and West Houston Streets	AM	67.9	80.0	69.4	63.6	60.3	58.1	85.1	64.2	70.2
		PreMD	65.5	74.5	68.2	62.2	59.8	58.0	81.4		
		MD	64.2	72.1	67.5	61.8	59.3	58.0	76.3		
		PrePM	66.8	74.6	70.2	64.2	62.0	60.9	81.5		
		PM	66.3	74.0	68.8	64.3	61.5	59.1	82.0		
3	Bleecker Street between Mercer Street and Laguardia Place	AM	63.6	72.3	66.2	61.3	58.6	57.1	78.6	63.4	67.3
		PreMD	63.6	74.0	65.7	60.5	58.1	57.0	81.9		
		MD	63.4	71.7	65.8	61.5	59.2	57.5	75.4		
		PrePM	64.5	73.3	67.3	61.6	58.7	57.2	79.9		
		PM	65.4	75.2	68.4	61.6	58.9	57.4	80.7		
4	Laguardia Place between West Houston and Bleecker Streets	AM	66.6	75.9	69.5	62.3	58.4	55.7	84.6	64.5	69.5
		PreMD	66.1	76.1	68.5	62.7	59.0	55.5	83.7		
		MD	66.1	75.4	68.9	63.2	59.5	56.7	82.5		
		PrePM	64.5	73.7	67.1	62.0	58.6	55.9	81.1		
		PM	63.6	70.5	66.6	62.0	58.9	55.7	75.4		
5	Laguardia Place between Bleecker and West 3rd Streets	AM	63.6	72.0	66.9	60.5	57.5	56.4	78.9	61.3	66.9
		MD	63.4	72.2	65.4	61.1	58.9	56.2	78.0		
		PrePM	61.3	67.7	64.2	59.7	57.5	56.1	72.9		
		PM	62.9	69.3	65.3	61.5	59.6	57.3	74.2		
6	West 3rd Street between Mercer Street and Laguardia Place	AM	66.5	72.9	69.8	64.4	60.2	57.9	79.8	62.5	69.8
		PreMD	66.4	77.2	67.8	63.2	61.3	58.2	84.8		
		MD	64.4	74.7	67.5	60.9	57.9	55.9	78.7		
		PrePM	62.5	70.2	66.5	59.0	56.9	55.5	73.4		
		PM	65.7	76.6	67.2	60.7	57.4	56.1	87.6		
7	Mercer Street between West 3rd and Bleecker Streets	AM	65.2	73.3	67.6	64.2	57.3	55.6	79.7	61.8	68.9
		PreMD	67.3	79.7	68.9	62.2	58.7	56.0	86.2		
		MD	65.3	76.1	66.6	60.3	57.9	55.7	86.1		
		PrePM	61.8	69.3	64.5	60.0	57.7	55.8	75.6		
		PM	60.3	68.4	62.9	58.2	56.1	54.5	77.4		
8	Courtyard of Washington Square Village	AM	56.0	60.1	58.0	55.5	54.0	53.0	69.8	56.0	59.7
		PreMD	57.8	61.8	59.7	57.0	55.3	54.2	64.5		
		MD	56.4	59.6	57.7	56.0	55.0	54.0	65.3		
		PrePM	57.2	63.7	58.3	56.6	55.6	54.8	67.5		
		PM	57.9	61.3	59.3	57.6	56.5	55.4	64.2		

NYU Plans 2031
9/23/2009, 10/1/2009, 10/6/2009, 10/13/2009, 10/21/2009, 11/9/2010, 5/10/2011

SiteID	Location		L_{eq}	L_1	L_{10}	L_{50}	L_{90}	L_{Min}	L_{Max}	Minimum L_{eq}	Maximum L_{10}
9	Bleecker Street between Mercer Street and Broadway	AM	68.3	77.8	69.8	65.5	62.4	60.5	86.3	68.1	71.4
		MD	68.1	75.7	70.5	66.9	63.4	60.9	80.3		
		PrePM	68.3	78.1	70.4	65.7	63.4	61.1	86.4		
		PM	69.2	79.1	71.4	66.9	64.0	61.7	86.2		
10	West 3rd Street between Mercer Street and Broadway	AM	67.2	77.2	69.6	64.6	59.8	56.0	83.7	66.4	72.1
		PreMD	70.2	79.7	72.1	66.3	62.8	59.4	88.9		
		MD	66.4	76.1	68.7	63.6	60.0	55.9	83.5		
		PrePM	67.4	74.4	69.6	66.0	63.0	58.7	80.9		
		PM	67.4	75.7	70.0	65.7	62.1	59.1	80.9		
11	West 3rd Street between Thompson Street and Laguardia Place	AM	67.3	78.2	69.0	63.4	61.0	58.3	84.7	66.0	70.9
		PreMD	69.7	81.6	70.9	65.0	60.3	55.6	90.0		
		MD	68.6	78.9	70.7	65.3	60.9	58.6	84.8		
		PrePM	66.0	76.4	69.0	60.6	56.3	53.7	83.9		
		PM	64.2	72.8	67.7	61.4	56.5	54.2	79.3		
12	Bleecker Street between Thompson Street and Laguardia Place	AM	70.9	82.9	73.8	65.7	59.1	56.1	87.1	69.7	74.6
		MD	71.1	80.3	74.6	67.3	62.1	59.2	87.1		
		PrePM	69.8	79.0	73.0	65.4	59.5	54.9	85.7		
		PM	69.7	79.1	72.1	67.5	61.9	58.1	82.7		
13	East Side of 100 Silver Towers Ground Level	AM	66.5	68.5	67.3	66.4	65.6	64.9	69.9	66.5	67.3
	East Side of 100 Silver Towers Rooftop	AM	60.8	64.1	62.1	60.4	59.6	58.9	67.4	60.8	62.6
		PreMD	60.8	64.9	61.8	60.4	59.5	58.7	71.3		
		MD	61.0	65.7	62.2	60.6	59.8	58.9	68.8		
		PrePM	61.8	69.8	62.6	60.6	59.8	59.0	75.7		
		PM	61.0	67.3	61.8	60.4	59.6	59.0	71.1		
14	South Side of Washington Square Village 4 Ground Level	PreMD	64.2	73.2	67.3	61.6	58.4	55.7	77.6	64.0	67.3
	South Side of Washington Square Village 4 Rooftop	AM	64.1	67.3	64.7	63.8	63.3	62.9	75.8	63.5	64.8
		PreMD	63.7	66.4	64.3	63.6	63.0	62.3	70.5		
		MD	64.1	68.8	64.8	63.7	63.1	62.7	72.7		
		PrePM	63.5	66.1	64.2	63.4	62.8	62.2	67.7		
		PM	65.1	72.9	66.2	63.8	63.1	62.3	76.9		
15	South Side of Washington Square Village 1 Ground Level	PreMD	59.3	61.7	60.4	59.3	56.9	55.4	64.3	58.4	60.4
	South Side of Washington Square Village 1 Rooftop	AM	64.1	66.3	64.4	63.9	63.6	63.2	67.8	64.1	65.5
		PreMD	65.0	66.6	65.5	64.9	64.4	63.7	68.5		
		MD	64.6	65.5	65.0	64.5	64.2	63.5	66.8		
		PrePM	64.4	65.8	64.8	64.4	64.0	63.5	69.1		
		PM	65.2	66.2	65.6	65.2	64.8	64.2	66.9		

Appendix E-5 Construction Noise - Existing Noise Levels

NYU Construction Noise

Measured Location

Noise Receptor Sites	Elevation (floor)	Governed Receptor				Predicted Existing Leq					
		Noise Monitoring Site	Measured AM Leq	Measured Min Leq	TNM AM Leq	TNM AM Leq	Calibrate Factor	Adjust Level at grade Level	Quietest Leq at grade Level	Adjust Factor on floors	Min. Leq
1	at-grade	1	73.7	72.6	73.1						72.6
2	at-grade	2	67.9	64.2	65.4						64.2
3	at-grade	3	63.6	63.4	63.1						63.4
4	at-grade	4	66.6	64.5	69.0						64.5
5	at-grade	5	63.6	61.3	68.2						61.3
6	at-grade	6	66.5	62.5	68.7						62.5
7	at-grade	7	65.2	61.8	64.4						61.8
8	at-grade	8	56.0	56.0	48.6						56.0
9	at-grade	9	68.3	68.1	68.0						68.1
10	at-grade	10	67.2	66.4	69.7						66.4
11	at-grade	11	67.3	66.0	66.3						66.0
12	at-grade	12	70.9	69.7	68.8						69.7
15	at-grade	15	59.3	58.4	49.5						58.4
14	at-grade	14	64.2	64.0	61.6						64.0
13	at-grade	13	66.5	66.5	55.2						66.5
A1	at-grade	7	65.2	61.8	64.4	57.1	7.3	54.5	58.4	0.0	58.4
A1	3							54.5	58.4	1.4	59.8
A1	5							54.5	58.4	2.9	61.3
A1	10							54.5	58.4	4.3	62.7
A1	top floor							54.5	58.4	5.7	64.1
A2	at-grade	7	65.2	61.8	64.4	54.2	10.2	51.6	58.4	0.0	58.4
A2	3							51.6	58.4	1.4	59.8
A2	5							51.6	58.4	2.9	61.3
A2	10							51.6	58.4	4.3	62.7
A2	top floor							51.6	58.4	5.7	64.1
A3	at-grade	7	65.2	61.8	64.4	52.0	12.4	49.4	58.4	0.0	58.4
A3	3							49.4	58.4	1.4	59.8
A3	5							49.4	58.4	2.9	61.3
A3	10							49.4	58.4	4.3	62.7
A3	top floor							49.4	58.4	5.7	64.1
A4	at-grade	15	59.3	58.4	49.5	50.3	-0.8	58.4	58.4	0.0	58.4
A4	3							58.4	58.4	1.4	59.8
A4	5							58.4	58.4	2.9	61.3
A4	10							58.4	58.4	4.3	62.7
A4	top floor							58.4	58.4	5.7	64.1
A5	at-grade	15	59.3	58.4	49.5	49.5	0.0	58.4	58.4	0.0	58.4
A5	3							58.4	58.4	1.4	59.8
A5	5							58.4	58.4	2.9	61.3
A5	10							58.4	58.4	4.3	62.7
A5	top floor							58.4	58.4	5.7	64.1
A6	at-grade	15	59.3	58.4	49.5	50.5	-1.0	58.4	58.4	0.0	58.4
A6	3							58.4	58.4	1.4	59.8
A6	5							58.4	58.4	2.9	61.3
A6	10							58.4	58.4	4.3	62.7
A6	top floor							58.4	58.4	5.7	64.1
A7	at-grade	5	64	61	68	53.2	15.0	46.3	58.4	0.0	58.4
A7	3							46.3	58.4	1.4	59.8
A7	5							46.3	58.4	2.9	61.3
A7	10							46.3	58.4	4.3	62.7
A7	top floor							46.3	58.4	5.7	64.1
A8	at-grade	5	63.6	61.3	68.2	61.0	7.2	54.1	58.4	0.0	58.4
A8	3							54.1	58.4	1.4	59.8
A8	5							54.1	58.4	2.9	61.3
A8	10							54.1	58.4	4.3	62.7
A8	top floor							54.1	58.4	5.7	64.1
A9	at-grade	5	63.6	61.3	68.2	64.7	3.5	57.8	58.4	0.0	58.4
A9	3							57.8	58.4	1.4	59.8
A9	5							57.8	58.4	2.9	61.3
A9	10							57.8	58.4	4.3	62.7
A9	top floor							57.8	58.4	5.7	64.1
A10	at-grade	6	66.5	62.5	68.7	65.1	3.6	58.9	58.4	0.0	58.9
A10	3							58.9	58.4	1.4	60.3
A10	5							58.9	58.4	2.9	61.8
A10	10							58.9	58.4	4.3	63.2
A10	top floor							58.9	58.4	5.7	64.6
A11	at-grade	6	66.5	62.5	68.7	64.7	4.0	58.5	58.4	0.0	58.5
A11	3							58.5	58.4	1.4	59.9
A11	5							58.5	58.4	2.9	61.4
A11	10							58.5	58.4	4.3	62.8
A11	top floor							58.5	58.4	5.7	64.2
A12	at-garde	6	66.5	62.5	68.7	64.5	4.2	58.3	58.4	0.0	58.4
A12	3							58.3	58.4	1.4	59.8
A12	5							58.3	58.4	2.9	61.3
A12	10							58.3	58.4	4.3	62.7
A12	top floor							58.3	58.4	5.7	64.1

NYU Construction Noise

Measured Location

Noise Receptor Sites	Elevation (floor)	Governed Receptor				Predicted Existing Leq					
		Noise Monitoring Site	Measured AM Leq	Measured Min Leq	TNM AM Leq	TNM AM Leq	Calibrate Factor	Adjust Level at grade Level	Quietest Leq at grade Level	Adjust Factor on floors	Min. Leq
A13	at-grade	6	66.5	62.5	68.7	64.7	4.0	58.5	58.4	0.0	58.5
A13	3							58.5	58.4	1.4	59.9
A13	5							58.5	58.4	2.9	61.4
A13	10							58.5	58.4	4.3	62.8
A13	top floor							58.5	58.4	5.7	64.2
A14	at-garde	6	66.5	62.5	68.7	65.1	3.6	58.9	58.4	0.0	58.9
A14	3							58.9	58.4	1.4	60.3
A14	5							58.9	58.4	2.9	61.8
A14	10							58.9	58.4	4.3	63.2
A14	top floor							58.9	58.4	5.7	64.6
A15	at-grade	7	65.2	61.8	64.4	63.3	1.1	60.7	58.4	0.0	60.7
A15	3							60.7	58.4	1.4	62.1
A15	5							60.7	58.4	2.9	63.6
A15	10							60.7	58.4	4.3	65.0
A15	top floor							60.7	58.4	5.7	66.4
B1	at-grade	7	65.2	61.8	64.4	57.4	7.0	54.8	58.4	0.0	58.4
B1	3							54.8	58.4	1.4	59.8
B1	5							54.8	58.4	2.9	61.3
B1	10							54.8	58.4	4.3	62.7
B1	top floor							54.8	58.4	5.7	64.1
B2	at-grade	7	65.2	61.8	64.4	54.2	10.2	51.6	58.4	0.0	58.4
B2	3							51.6	58.4	1.4	59.8
B2	5							51.6	58.4	2.9	61.3
B2	10							51.6	58.4	4.3	62.7
B2	top floor							51.6	58.4	5.7	64.1
B3	at-grade	8	56	56	48.6	52.1	-3.5	56.0	58.4	0.0	58.4
B3	3							56.0	58.4	1.4	59.8
B3	5							56.0	58.4	2.9	61.3
B3	10							56.0	58.4	4.3	62.7
B3	top floor							56.0	58.4	5.7	64.1
B4	at-grade	8	56	56	48.6	50.2	-1.6	56.0	58.4	0.0	58.4
B4	3							56.0	58.4	1.4	59.8
B4	5							56.0	58.4	2.9	61.3
B4	10							56.0	58.4	4.3	62.7
B4	top floor							56.0	58.4	5.7	64.1
B5	at-grade	8	56	56	48.6	49.4	-0.8	56.0	58.4	0.0	58.4
B5	3							56.0	58.4	1.4	59.8
B5	5							56.0	58.4	2.9	61.3
B5	10							56.0	58.4	4.3	62.7
B5	top floor							56.0	58.4	5.7	64.1
B6	at-grade	8	56	56	48.6	50.6	-2.0	56.0	58.4	0.0	58.4
B6	3							56.0	58.4	1.4	59.8
B6	5							56.0	58.4	2.9	61.3
B6	10							56.0	58.4	4.3	62.7
B6	top floor							56.0	58.4	5.7	64.1
B7	at-grade	8	56	56	48.6	52.8	-4.2	56.0	58.4	0.0	58.4
B7	3							56.0	58.4	1.4	59.8
B7	5							56.0	58.4	2.9	61.3
B7	10							56.0	58.4	4.3	62.7
B7	top floor							56.0	58.4	5.7	64.1
B8	at-grade	5	63.6	61.3	68.2	60.8	7.4	53.9	58.4	0.0	58.4
B8	3							53.9	58.4	1.4	59.8
B8	5							53.9	58.4	2.9	61.3
B8	10							53.9	58.4	4.3	62.7
B8	top floor							53.9	58.4	5.7	64.1
B9	at-grade	5	63.6	61.3	68.2	65.6	2.6	58.7	58.4	0.0	58.7
B9	3							58.7	58.4	1.4	60.1
B9	5							58.7	58.4	2.9	61.6
B9	10							58.7	58.4	4.3	63.0
B9	top floor							58.7	58.4	5.7	64.4
B10	at-grade	5	63.6	61.3	68.2	67	1.2	60.1	58.4	0.0	60.1
B10	3							60.1	58.4	1.4	61.5
B10	5							60.1	58.4	2.9	63.0
B10	10							60.1	58.4	4.3	64.4
B10	top floor							60.1	58.4	5.7	65.8
B11	at-grade	3	63.6	63.4	63.1	65.5	-2.4	63.4	58.4	0.0	63.4
B11	3							63.4	58.4	-0.1	63.3
B11	5							63.4	58.4	-0.2	63.2
B11	10							63.4	58.4	-0.3	63.1
B11	top floor							63.4	58.4	-0.5	62.9
B12	at-grade	3	63.6	63.4	63.1	63.5	-0.4	63.4	58.4	0.0	63.4
B12	3							63.4	58.4	-0.1	63.3
B12	5							63.4	58.4	-0.2	63.2
B12	10							63.4	58.4	-0.3	63.1
B12	top floor							63.4	58.4	-0.5	62.9

NYU Construction Noise

Measured Location

Noise Receptor Sites	Elevation (floor)	Governed Receptor				Predicted Existing Leq					
		Noise Monitoring Site	Measured AM Leq	Measured Min Leq	TNM AM Leq	TNM AM Leq	Calibrate Factor	Adjust Level at grade Level	Quietest Leq at grade Level	Adjust Factor on floors	Min. Leq
B13	at-grade	3	63.6	63.4	63.1	61.8	1.3	62.1	58.4	0.0	62.1
B13	3							62.1	58.4	-0.1	62.0
B13	5							62.1	58.4	-0.2	61.9
B13	10							62.1	58.4	-0.3	61.8
B13	top floor							62.1	58.4	-0.5	61.6
B14	at-grade	14	64.2	64	61.6	60.8	0.8	63.2	58.4	0.0	63.2
B14	3							63.2	58.4	-0.1	63.1
B14	5							63.2	58.4	-0.2	63.0
B14	10							63.2	58.4	-0.3	62.9
B14	top floor							63.2	58.4	-0.5	62.7
B15	at-grade	14	64.2	64	61.6	60.8	0.8	63.2	58.4	0.0	63.2
B15	3							63.2	58.4	-0.1	63.1
B15	5							63.2	58.4	-0.2	63.0
B15	10							63.2	58.4	-0.3	62.9
B15	top floor							63.2	58.4	-0.5	62.7
B16	at-grade	14	64.2	64	61.6	61.6	0.0	64.0	58.4	0.0	64.0
B16	3							64.0	58.4	-0.1	63.9
B16	5							64.0	58.4	-0.2	63.8
B16	10							64.0	58.4	-0.3	63.7
B16	top floor							64.0	58.4	-0.5	63.5
B17	at-grade	14	64.2	64	61.6	63.8	-2.2	64.0	58.4	0.0	64.0
B17	3							64.0	58.4	-0.1	63.9
B17	5							64.0	58.4	-0.2	63.8
B17	10							64.0	58.4	-0.3	63.7
B17	top floor							64.0	58.4	-0.5	63.5
B18	at-grade	14	64.2	64	61.6	63.2	-1.6	64.0	58.4	0.0	64.0
B18	3							64.0	58.4	-0.1	63.9
B18	5							64.0	58.4	-0.2	63.8
B18	10							64.0	58.4	-0.3	63.7
B18	top floor							64.0	58.4	-0.5	63.5
C1	at-grade	13	66.5	66.5	55.2	55	0.2	66.3	63.4	0.0	66.3
C1	3							66.3	63.4	-0.8	65.5
C1	5							66.3	63.4	-1.6	64.7
C1	10							66.3	63.4	-2.4	63.9
C1	15							66.3	63.4	-3.2	63.1
C1	20							66.3	63.4	-4.0	62.3
C1	25							66.3	63.4	-4.8	61.5
C1	top floor							66.3	63.4	-5.7	60.6
C2	at-grade	13	66.5	66.5	55.2	55.2	0.0	66.5	63.4	0.0	66.5
C2	3							66.5	63.4	-0.8	65.7
C2	5							66.5	63.4	-1.6	64.9
C2	10							66.5	63.4	-2.4	64.1
C2	15							66.5	63.4	-3.2	63.3
C2	20							66.5	63.4	-4.0	62.5
C2	25							66.5	63.4	-4.8	61.7
C2	top floor							66.5	63.4	-5.7	60.8
C3	at-grade	13	66.5	66.5	55.2	60.30	-5.1	66.5	63.4	0.0	66.5
C3	3							66.5	63.4	-0.8	65.7
C3	5							66.5	63.4	-1.6	64.9
C3	10							66.5	63.4	-2.4	64.1
C3	15							66.5	63.4	-3.2	63.3
C3	20							66.5	63.4	-4.0	62.5
C3	25							66.5	63.4	-4.8	61.7
C3	top floor							66.5	63.4	-5.7	60.8
C4	at-grade	13	66.5	66.5	55.2	56.80	-1.6	66.5	63.4	0.0	66.5
C4	3							66.5	63.4	-0.8	65.7
C4	5							66.5	63.4	-1.6	64.9
C4	10							66.5	63.4	-2.4	64.1
C4	15							66.5	63.4	-3.2	63.3
C4	20							66.5	63.4	-4.0	62.5
C4	25							66.5	63.4	-4.8	61.7
C4	top floor							66.5	63.4	-5.7	60.8
D1	at-grade	1	74	73	73	49.90	23.2	49.4	63.4	0.0	63.4
D1	3							49.4	63.4	1.7	65.1
D1	5							49.4	63.4	3.1	66.5
D1	10							49.4	63.4	5.7	69.1
D1	15							49.4	63.4	5.8	69.2
D1	20							49.4	63.4	5.4	68.8
D1	25							49.4	63.4	4.9	68.3
D1	top floor							49.4	63.4	4.8	68.2
D2	at-grade	1	73.7	72.6	73.1	64.40	8.7	63.9	63.4	0.0	63.9
D2	3							63.9	63.4	2.7	66.6
D2	5							63.9	63.4	2.9	66.8
D2	10							63.9	63.4	2.3	66.2
D2	15							63.9	63.4	1.3	65.2
D2	20							63.9	63.4	0.1	64.0
D2	25							63.9	63.4	-1.1	62.8
D2	top floor							63.9	63.4	-1.9	62.0

NYU Construction Noise

Measured Location

Noise Receptor Sites	Elevation (floor)	Governed Receptor				Predicted Existing Leq					
		Noise Monitoring Site	Measured AM Leq	Measured Min Leq	TNM AM Leq	TNM AM Leq	Calibrate Factor	Adjust Level at grade Level	Quietest Leq at grade Level	Adjust Factor on floors	Min. Leq
D3	at-grade	1	73.7	72.6	73.1	68.90	4.2	68.4	63.4	0.0	68.4
D3	3							68.4	63.4	1.3	69.7
D3	5							68.4	63.4	0.9	69.3
D3	10							68.4	63.4	-0.6	67.8
D3	15							68.4	63.4	-2.1	66.3
D3	20							68.4	63.4	-3.3	65.1
D3	25							68.4	63.4	-4.6	63.8
D3	top floor							68.4	63.4	-5.5	62.9
D4	at-grade	1	73.7	72.6	73.1	63.60	9.5	63.1	63.4	0.0	63.4
D4	3							63.1	63.4	2.5	65.9
D4	5							63.1	63.4	2.7	66.1
D4	10							63.1	63.4	2.1	65.5
D4	15							63.1	63.4	1.0	64.4
D4	20							63.1	63.4	0.1	63.5
D4	25							63.1	63.4	-0.9	62.5
D4	top floor							63.1	63.4	-1.7	61.7
E1	at-grade	1	73.7	72.6	73.1	57.80	15.3	57.3	63.4	0.0	63.4
E1	3							57.3	63.4	1.8	65.2
E1	5							57.3	63.4	3.4	66.8
E1	10							57.3	63.4	3.5	66.9
E1	15							57.3	63.4	3.0	66.4
E1	20							57.3	63.4	2.2	65.6
E1	25							57.3	63.4	1.3	64.7
E1	top floor							57.3	63.4	0.6	64.0
E2	at-grade	1	73.7	72.6	73.1	64.00	9.1	63.5	63.4	0.0	63.5
E2	3							63.5	63.4	2.4	65.9
E2	5							63.5	63.4	3.6	67.1
E2	10							63.5	63.4	3.2	66.7
E2	15							63.5	63.4	2.4	65.9
E2	20							63.5	63.4	1.5	65.0
E2	25							63.5	63.4	0.5	64.0
E2	top floor							63.5	63.4	-0.2	63.3
E3	at-grade	4	66.6	64.5	69	64.30	4.7	59.8	63.4	0.0	63.4
E3	3							59.8	63.4	2.5	65.9
E3	5							59.8	63.4	3.4	66.8
E3	10							59.8	63.4	3.0	66.4
E3	15							59.8	63.4	2.3	65.7
E3	20							59.8	63.4	1.7	65.1
E3	25							59.8	63.4	0.8	64.2
E3	top floor							59.8	63.4	0.2	63.6
E4	at-grade	4	66.6	64.5	69	55.70	13.3	51.2	63.4	0.0	63.4
E4	3							51.2	63.4	3.8	67.2
E4	5							51.2	63.4	5.4	68.8
E4	10							51.2	63.4	5.8	69.2
E4	15							51.2	63.4	5.3	68.7
E4	20							51.2	63.4	4.6	68.0
E4	25							51.2	63.4	3.6	67.0
E4	top floor							51.2	63.4	3.2	66.6
F	at-grade	1	73.7	72.6	73.1	70.70	2.4	70.2	56.0	0.0	70.2
F	3							70.2	56.0	1.3	71.5
F	5							70.2	56.0	0.8	71.0
F	top floor							70.2	56.0	-0.5	69.7
G	at-grade	1	73.7	72.6	73.1	68.70	4.4	68.2	56.0	0.0	68.2
G	3							68.2	56.0	1.4	69.6
G	5							68.2	56.0	1.0	69.2
G	top floor							68.2	56.0	0.2	68.4
H	at-grade	1	73.7	72.6	73.1	68.20	4.9	67.7	56.0	0.0	67.7
H	3							67.7	56.0	2.5	70.2
H	top floor							67.7	56.0	2.9	70.6
I	at-grade	4	66.6	64.5	69	68.90	0.1	64.4	56.0	0.0	64.4
I	3							64.4	56.0	-0.7	63.7
I	top floor							64.4	56.0	-1.9	62.5
J	at-grade	5	63.6	61.3	68.2	69.20	-1.0	62.3	56.0	0.0	62.3
J	3							62.3	56.0	-0.3	62.0
J	5							62.3	56.0	-1.4	60.9
J	top floor							62.3	56.0	-2.4	59.9
K	at-grade	5	63.6	61.3	68.2	68.00	0.2	61.1	56.0	0.0	61.1
K	3							61.1	56.0	-0.3	60.8
K	top floor							61.1	56.0	-2.1	59.0
L	at-grade	6	66.5	62.5	68.7	68.60	0.1	62.4	56.0	0.0	62.4
L	3							62.4	56.0	-1.1	61.3
L	5							62.4	56.0	-2.6	59.8
L	10							62.4	56.0	-5.2	57.2
L	top floor							62.4	56.0	-6.0	56.4
M	at-grade	6	66.5	62.5	68.7	68.50	0.2	62.3	56.0	0.0	62.3
M	3							62.3	56.0	-1.3	61.0
M	5							62.3	56.0	-3.0	59.3
M	top floor							62.3	56.0	-6.2	56.1

NYU Construction Noise

Measured Location

Noise Receptor Sites	Elevation (floor)	Governed Receptor				Predicted Existing Leq					
		Noise Monitoring Site	Measured AM Leq	Measured Min Leq	TNM AM Leq	TNM AM Leq	Calibrate Factor	Adjust Level at grade Level	Quietest Leq at grade Level	Adjust Factor on floors	Min. Leq
N	at-grade	6	66.5	62.5	68.7	68.60	0.1	62.4	56.0	0.0	62.4
N	3							62.4	56.0	-1.1	61.3
N	5							62.4	56.0	-2.6	59.8
N	10							62.4	56.0	-5.2	57.2
N	top floor							62.4	56.0	-6.4	56.0
O	at-grade	7	65.2	61.8	64.4	66.90	-2.5	64.3	56.0	0.0	64.3
O	3							64.3	56.0	-0.1	64.2
O	5							64.3	56.0	-1.2	63.1
O	10							64.3	56.0	-3.3	61.0
O	15							64.3	56.0	-4.9	59.4
O	top floor							64.3	56.0	-6.1	58.2
P	at-grade	7	65.2	61.8	64.4	65.40	-1.0	62.8	56.0	0.0	62.8
P	3							62.8	56.0	-0.4	62.4
P	top floor							62.8	56.0	-1.5	61.3
Q	at-grade	2	67.9	64.2	65.4	66.50	-1.1	65.3	56.0	0.0	65.3
Q	3							65.3	56.0	-0.2	65.1
Q	5							65.3	56.0	-1.2	64.1
Q	top floor							65.3	56.0	-2.0	63.3
R	at-grade	2	67.9	64.2	65.4	70.30	-4.9	69.1	56.0	0.0	69.1
R	3							69.1	56.0	0.1	69.2
R	top floor							69.1	56.0	-1.5	67.6
S	at-grade	2	67.9	64.2	65.4	65.60	-0.2	64.4	56.0	0.0	64.4
S	3							64.4	56.0	-0.2	64.2
S	top floor							64.4	56.0	-1.0	63.4
T	at-grade	1	73.7	72.6	73.1	65.40	7.7	64.9	56.0	0.0	64.9
T	top floor							64.9	56.0	0.2	65.1
U	at-grade	1	73.7	72.6	73.1	69.30	3.8	68.8	56.0	0.0	68.8
U	3							68.8	56.0	1.0	69.8
U	top floor							68.8	56.0	0.2	69.0
V	at-grade	12	70.9	69.7	68.8	62.40	6.4	63.3	56.0	0.0	63.3
V	3							63.3	56.0	-0.4	62.9
V	5							63.3	56.0	-1.6	61.7
V	top floor							63.3	56.0	-3.0	60.3
W	at-grade	12	70.9	69.7	68.8	67.90	0.9	68.8	56.0	0.0	68.8
W	3							68.8	56.0	-0.8	68.0
W	top floor							68.8	56.0	-2.9	65.9
X	at-grade	11	67.3	66.0	66.3	61.60	4.7	61.3	56.0	0.0	61.3
X	3							61.3	56.0	-1.0	60.3
X	5							61.3	56.0	-2.5	58.8
X	top floor							61.3	56.0	-3.7	57.6
Y	at-grade	11	67.3	66.0	66.3	66.50	-0.2	66.2	56.0	0.0	66.2
Y	3							66.2	56.0	-0.2	66.0
Y	5							66.2	56.0	-1.3	64.9
Y	top floor							66.2	56.0	-4.2	62.0
Z	at-grade	6	66.5	62.5	68.7	68.60	0.1	62.4	56.0	0.0	62.4
AA	at-grade	6	66.5	62.5	68.7	65.20	3.5	59.0	56.0	-0.4	58.6
AA	3							59.0	56.0	-2.4	56.6
AA	5							59.0	56.0	-4.3	54.7
AA	10							59.0	56.0	-7.1	51.9
AA	top floor							59.0	56.0	-8.1	50.9
BB	at-grade	7	65.2	61.8	64.4	67.00	-2.6	64.4	56.0	0.0	64.4
BB	3							64.4	56.0	-0.9	63.5
BB	5							64.4	56.0	-2.1	62.3
BB	10							64.4	56.0	-4.5	59.9
BB	top floor							64.4	56.0	-5.3	59.1
CC	at-grade	10	67.2	66.4	69.7	71.90	-2.2	68.6	56.0	0.0	68.6
CC	3							68.6	56.0	-0.4	68.2
CC	top floor							68.6	56.0	-1.7	66.9
DD	at-grade	10	67.2	66.4	69.7	73.80	-4.1	70.5	56.0	0.0	70.5
DD	3							70.5	56.0	-0.6	69.9
DD	top floor							70.5	56.0	-2.0	68.5
EE	at-grade	2	67.9	64.2	65.4	62.90	2.5	61.7	56.0	0.0	61.7
EE	3							61.7	56.0	-1.5	60.2
EE	top floor							61.7	56.0	-3.1	58.6
EE	10							61.7	56.0	-5.5	56.2
EE	top floor							61.7	56.0	-6.2	55.5
FF	at-grade	1	73.7	72.6	73.1	60.70	12.4	60.2	56.0	0.0	60.2
FF	3							60.2	56.0	-1.2	59.0
FF	top floor							60.2	56.0	-2.8	57.4
GG	at-grade	1	73.7	72.6	73.1	59.50	13.6	59.0	56.0	0.0	59.0
GG	3							59.0	56.0	-1.2	57.8
GG	5							59.0	56.0	-2.8	56.2
GG	top floor							59.0	56.0	-4.5	54.5

Appendix E-6 Construction Noise Analysis Results

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
1	at-grade	72.7	0.1	72.7	0.1	73.6	0.9	73.7	1.0	73.7	1.1	73.5	0.8	72.8	0.1	72.7	0.1	72.7	0.0	72.7	0.0	72.8	0.1	72.8	0.1	72.8	0.1	72.8	0.1
2	at-grade	65.5	1.3	79.4	15.2	80.7	16.5	80.8	16.6	82.9	18.6	82.4	18.1	83.7	19.4	76.8	12.5	81.6	17.3	81.6	17.3	64.9	0.6	64.9	0.6	64.9	0.6	64.9	0.6
3	at-grade	63.7	0.3	64.0	0.6	64.2	0.8	64.3	0.9	66.4	3.0	66.4	3.0	66.6	3.2	63.7	0.3	64.4	0.9	65.0	1.5	65.2	1.7	65.0	1.5	63.9	0.4	63.8	0.3
4	at-grade	64.6	0.1	64.6	0.0	64.6	0.0	64.6	0.1	64.9	0.4	64.7	0.2	64.7	0.2	64.6	0.0	64.6	0.0	65.7	1.2	66.4	1.8	68.4	3.8	66.1	1.5	65.7	1.1
5	at-grade	61.4	0.1	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	62.1	0.8	62.8	1.5	64.4	3.0	62.5	1.1	62.4	1.0
6	at-grade	62.6	0.1	62.6	0.1	62.6	0.1	62.6	0.1	62.6	0.1	62.6	0.1	62.7	0.1	62.6	0.1	62.6	0.1	62.6	0.1	62.7	0.1	62.7	0.1	62.7	0.1	62.7	0.1
7	at-grade	65.3	3.5	63.0	1.2	63.0	1.2	63.2	1.4	64.8	2.9	65.0	3.1	65.4	3.6	63.7	1.9	63.4	1.6	63.4	1.6	62.6	0.8	62.6	0.8	62.6	0.7	62.6	0.7
8	at-grade	61.4	5.4	56.1	0.1	56.1	0.1	56.1	0.1	56.3	0.3	56.5	0.5	56.6	0.5	56.1	0.1	56.2	0.1	56.2	0.2	56.3	0.2	56.4	0.3	56.2	0.1	56.2	0.1
9	at-grade	68.1	0.0	68.1	0.0	68.2	0.0	68.2	0.0	68.7	0.5	69.2	1.1	69.4	1.2	68.2	0.0	68.5	0.3	68.5	0.3	68.3	0.1	68.3	0.1	68.2	0.0	68.2	0.0
10	at-grade	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.7	0.3	66.8	0.3
11	at-grade	66.0	0.0	66.0	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.2	0.0
12	at-grade	69.8	0.1	69.8	0.0	69.8	0.0	69.8	0.0	69.9	0.1	70.0	0.2	70.0	0.2	69.8	0.0	69.8	0.0	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.0	69.9	0.1
A1	at-grade	63.2	4.8	58.6	0.1	58.6	0.2	58.6	0.2	58.8	0.4	59.0	0.5	59.0	0.6	58.7	0.2	58.6	0.2	58.7	0.2	58.6	0.1	58.7	0.2	58.6	0.1	58.6	0.1
A1	3	74.0	14.1	60.1	0.2	60.1	0.2	60.1	0.3	60.6	0.7	60.8	0.9	61.0	1.1	60.2	0.4	60.1	0.3	60.2	0.3	60.1	0.2	60.1	0.2	60.1	0.2	60.0	0.1
A1	5	74.1	12.9	61.9	0.6	62.1	0.8	62.3	1.0	63.4	2.1	63.2	1.9	63.7	2.4	62.3	1.0	61.5	0.6	61.9	0.6	61.5	0.1	61.5	0.1	61.5	0.1	61.4	0.1
A1	10	73.0	10.3	63.4	0.7	63.5	0.8	63.7	0.9	65.5	2.8	65.4	2.7	66.1	3.4	64.0	1.3	62.9	0.8	63.5	0.8	62.8	0.1	62.9	0.1	62.8	0.1	62.9	0.1
A1	top floor	71.6	7.5	64.6	0.5	64.7	0.5	64.8	0.7	66.7	2.5	66.6	2.5	67.4	3.3	65.3	1.1	64.2	0.8	65.0	0.8	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A2	at-grade	62.5	4.1	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.2	58.7	0.3	58.7	0.3	58.5	0.1	58.5	0.1	58.6	0.1	58.5	0.1	58.6	0.1	58.5	0.0	58.5	0.0
A2	3	72.6	12.8	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.2	60.1	0.3	60.3	0.4	59.9	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0
A2	5	73.2	11.9	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.7	0.4	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.1	61.4	0.0	61.4	0.0
A2	10	72.2	9.5	62.8	0.1	62.8	0.1	62.8	0.1	63.3	0.6	63.3	0.6	63.9	1.1	63.1	0.4	62.8	0.3	63.0	0.3	62.8	0.1	62.8	0.1	62.8	0.0	62.8	0.0
A2	top floor	71.0	6.9	64.2	0.1	64.2	0.1	64.2	0.1	64.8	0.7	64.9	0.7	65.5	1.4	64.4	0.2	64.2	0.2	64.3	0.2	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A3	at-grade	62.1	3.7	58.4	0.0	58.5	0.0	58.5	0.0	58.6	0.1	58.7	0.2	58.8	0.4	58.5	0.0	58.5	0.1	58.5	0.1	58.5	0.1	58.6	0.1	58.5	0.0	58.5	0.0
A3	3	69.8	9.9	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.1	60.1	0.2	60.2	0.4	59.9	0.0	60.0	0.0	60.0	0.1	59.9	0.0	60.0	0.1	59.9	0.0	59.9	0.0
A3	5	70.6	9.4	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.6	0.3	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.0	61.4	0.0
A3	10	70.2	7.6	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.9	0.2	63.2	0.5	62.8	0.1	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0
A3	top floor	69.7	5.6	64.1	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.4	0.2	64.9	0.7	64.2	0.1	64.2	0.0	64.2	0.1	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A4	at-grade	62.1	3.7	58.4	0.0	58.5	0.0	58.5	0.0	58.6	0.1	58.6	0.2	58.8	0.3	58.5	0.0	58.5	0.1	58.5	0.1	58.5	0.1	58.6	0.1	58.5	0.0	58.5	0.0
A4	3	65.7	5.9	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.2	60.2	0.3	59.9	0.0	60.0	0.0	60.0	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0
A4	5	68.3	7.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.6	0.3	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.0	61.4	0.0
A4	10	68.4	5.8	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.9	0.1	63.2	0.4	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0
A4	top floor	68.4	4.3	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.2	64.7	0.6	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A5	at-grade	61.7	3.3	58.4	0.0	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.2	58.7	0.3	58.5	0.0	58.6	0.0	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0
A5	3	64.0	4.2	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.2	0.3	59.9	0.0	60.0	0.0	59.9	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0
A5	5	66.3	5.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.6	0.3	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.0	61.4	0.0
A5	10	66.9	4.2	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	63.1	0.4	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0
A5	top floor	67.3	3.2	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.3	0.1	64.6	0.5	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A6	at-grade	61.0	2.6	58.4	0.0	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.7	0.2	58.5	0.0	58.6	0.0	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0
A6	3	63.0	3.2	59.9	0.0	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.1	60.1	0.2	59.9	0.0	60.0	0.0	59.9	0.1	60.0	0.1	60.1	0.1	59.9	0.0	60.0	0.0
A6	5	64.3	3.0	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.3	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.5	0.2	61.4	0.0	61.4	0.1
A6	10	65.9	3.2	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.0	62.8	0.1	63.1	0.3	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.9	0.1	62.8	0.0	62.8	0.0
A6	top floor	66.5	2.4	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.3	0.1	64.5	0.4	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
A7	at-grade	60.6	2.2	58.4	0.0	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.7	0.2	58.5	0.0	58.6	0.0	58.5	0.1	58.6	0.1	58.6	0.2	58.5	0.0	58.5	0.0
A7	3	62.4	2.5	59.9	0.0	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.1	60.1	0.2	59.9	0.0	60.0	0.0	60.0	0.1	60.0	0.1	60.2	0.2	60.0	0.1	60.0	0.1
A7	5	63.4	2.1	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.3	0.0	61.6	0.0	61.5	0.1	61.6	0.3	61.8	0.4	61.5	0.1	61.5	0.1
A7	10	65.2	2.6	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.0	62.8	0.1	63.0	0.3	62.8	0.0	62.9	0.0	62.8	0.1	62.9	0.1	63.0	0.3	62.9	0.1	62.9	0.1
A7	top floor	66.0	1.9	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.1	64.5	0.3	64.2	0.0	64.3	0.0	64.2	0.1	64.3	0.1	64.4	0.2	64.2	0.1	64.3	0.1
A8	at-grade	60.2	1.8	58.4	0.0	58.5	0.0	58.5	0.0	58.7	0.2	58.8	0.3	58.9	0.4	58.5	0.1	58.7	0.1	58.6	0.2	58.7	0.2	58.9	0.4	58.6	0.1	58.6	0.1
A8	3	61.8	2.0	59.9	0.0	59.9	0.1	60.0	0.1	60.0	0.1	60.2	0.3	60.3	0.4	59.9	0.1	62.3	0.1	60.9	1.0	61.6	1.7	63.1	3.2	61.4	1.5	61.1	1.2
A8	5	62.8	1.6	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.5	0.2	61.3	0.0	63.6	0.0	62.2	0.9	63.0	1.7	64.4	3.0	62.7	1.4	62.5	1.2
A8	10	64.6	2.0	62.7	0.0	62.8	0.0	62.8	0.0	62.9	0.1	62.8	0.1	63.0	0.3	62.8	0.0	65.3	0.0	63.8	1.1	64.6	1.8	66.3	3.5	64.4	1.6	64.1	1.3
A8	top floor	65.6	1.5	64.1	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.4	0.2	64.6	0.5	64.2	0.0	66.4	0.0	65.1	1.0	66.0	1.8	67.3	3.1	65.5	1.3	65.4	1.2
A9	at-grade	58.5	0.1	58.4	0.0	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.9	0.0	58.6	0.2	58.8	0.3	59.2	0.7	58.7	0.2	58.7	0.2
A9	3	59.9	0.1	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.1	60.1	0.2	60.1	0.2	59.9	0.0	62.1	0.1	60.8	0.9	61.4	1.5	63.1	3.2	61.2	1.3	61.0	1.1
A9	5	61.3	0.1	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.3	0.0	63.4	0.0	62.1	0.8	62.8	1.5	64.3	3.0	62.6	1.2	62.4	1.0
A9	10	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	62.8	0.1	62.8	0.0	65.0	0.0	63.7	0.9	64.3	1.6	66.2	3.4	64.2	1.4	63.9	1.1
A9	top floor	64.1	0.0	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	66.2	0.0	65.0	0.8	65.8	1.6	67.2	3.0	65.3	1.1	65.3	1.1
A10	at-grade	59.9	0.1	59.9	0.0	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0	60.0	0.1	60.0	0.1	60.1	0.1	60.0	0.1	60.0	0.1
A10	3	61.3	0.1	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.1	61.4	0.1	61.4	0.1	61.3	0.0	61.5	0.0	61.4	0.1	61.5	0.1	61.5	0.2	61.4	0.1	61.4	0.1
A10	5	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.0	62.8	0.1	62.8	0.1	62.8	0.0	62.9	0.0	62.8	0.0	62.9	0.1	62.9	0.1	62.8	0.0	62.9	0.0
A10	10	64.1	0.0	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	64.3	0.0
A10	top floor	65.5	0.0	65.5	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.7	0.0	65.6	0.0	65.6	0.0	65.7	0.1	65.7	0.0	65.7	0.0

Construction Nois

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Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
1	at-grade	72.8	0.1	72.8	0.1	72.8	0.1	72.9	0.1	72.9	0.1	72.9	0.1	72.9	0.1	72.9	0.1	72.9	0.1	72.9	0.1	72.9	0.1	73.0	0.1	73.0	0.1	73.0	0.1
2	at-grade	64.9	0.6	65.1	0.8	65.0	0.7	64.9	0.6	65.0	0.6	65.4	1.1	65.8	1.5	65.3	0.9	65.0	0.6	65.0	0.6	65.0	0.6	65.0	0.6	65.0	0.6	65.0	0.6
3	at-grade	63.8	0.3	63.6	0.0	63.5	0.0	63.6	0.1	63.7	0.2	63.6	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.1	63.7	0.1	63.6	0.0
4	at-grade	65.7	1.1	64.6	0.0	64.6	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	65.0	0.4	64.8	0.1	65.6	0.9	66.2	1.5	65.4	0.7	65.0	0.3
5	at-grade	62.4	1.0	61.6	0.1	61.5	0.1	61.7	0.3	62.1	0.7	61.9	0.4	61.6	0.1	61.5	0.1	77.0	15.5	69.0	7.6	72.9	11.4	88.6	27.1	78.1	16.6	75.2	13.7
6	at-grade	62.7	0.1	62.7	0.1	62.7	0.1	62.8	0.1	62.8	0.2	62.8	0.1	62.7	0.1	62.7	0.1	62.7	0.1	62.8	0.1	62.8	0.1	62.9	0.2	62.8	0.1	62.8	0.1
7	at-grade	65.0	3.1	75.8	13.9	84.6	22.7	75.9	13.9	70.8	8.9	86.3	24.4	85.5	23.6	79.5	17.5	62.7	0.7	62.7	0.7	62.7	0.7	62.8	0.8	62.7	0.7	62.7	0.7
8	at-grade	61.1	5.0	62.2	6.1	78.8	22.7	82.3	26.2	80.5	24.4	69.0	12.9	62.6	6.4	60.7	4.5	59.9	3.7	56.9	0.7	60.8	4.6	64.4	8.2	60.2	4.0	57.5	1.3
9	at-grade	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
10	at-grade	66.8	0.3	66.8	0.3	66.7	0.2	66.8	0.2	66.8	0.2	66.8	0.3	66.8	0.2	66.8	0.2	66.8	0.2	66.8	0.2	66.8	0.2	66.8	0.2	66.8	0.2	66.8	0.2
11	at-grade	66.2	0.0	66.2	0.0	66.2	0.0	66.2	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.1	66.4	0.1	66.4	0.1	66.3	0.0
12	at-grade	69.9	0.1	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0
A1	at-grade	63.7	5.2	66.3	7.8	60.5	2.0	62.3	3.8	62.9	4.3	67.1	8.6	63.2	4.6	60.2	1.6	59.5	0.9	58.7	0.2	60.2	1.6	60.8	2.2	59.2	0.6	58.8	0.2
A1	3	74.2	14.2	78.5	18.5	71.3	11.4	74.7	14.7	75.1	15.2	81.9	21.9	75.5	15.5	69.5	9.5	61.0	1.0	60.2	0.2	61.9	1.9	62.8	2.8	60.7	0.7	60.2	0.2
A1	5	75.2	13.8	78.4	17.0	71.5	10.2	74.5	13.1	75.1	13.7	81.3	19.9	75.3	13.9	69.5	8.1	62.5	1.0	61.6	0.2	63.2	1.7	64.3	2.8	62.4	1.0	61.9	0.4
A1	10	73.5	10.7	76.6	13.8	70.7	7.9	73.7	10.9	74.7	11.9	79.2	16.4	74.2	11.4	69.0	6.2	64.0	1.1	63.0	0.2	64.9	2.0	65.7	2.8	63.9	1.0	63.2	0.3
A1	top floor	71.7	7.5	74.3	10.1	69.6	5.4	72.4	8.2	73.9	9.7	76.8	12.5	72.8	8.5	68.4	4.1	65.1	0.8	64.5	0.2	65.9	1.6	66.7	2.4	65.0	0.7	64.5	0.2
A2	at-grade	63.2	4.7	62.7	4.2	59.6	1.1	62.1	3.5	62.2	3.6	64.3	5.8	60.1	1.5	59.0	0.4	60.2	1.6	58.8	0.2	60.8	2.2	61.7	3.1	60.0	1.4	59.4	0.8
A2	3	73.2	13.3	78.1	18.1	71.5	11.6	77.4	17.4	77.8	17.8	81.2	21.3	69.3	9.3	61.0	1.0	61.9	1.9	60.3	0.3	62.6	2.6	64.0	4.0	61.8	1.8	61.1	1.1
A2	5	74.3	13.0	77.7	16.3	71.7	10.3	77.6	16.2	78.4	17.0	80.7	19.2	69.1	7.7	62.2	0.8	63.2	1.8	61.8	0.4	64.3	2.8	65.4	3.9	63.0	1.5	62.4	0.9
A2	10	72.9	10.1	75.8	13.0	70.9	8.1	76.1	13.3	77.4	14.5	78.7	15.9	68.7	5.9	63.4	0.5	64.7	1.9	63.4	0.5	65.7	2.8	66.9	4.0	64.8	1.9	63.9	1.0
A2	top floor	71.3	7.1	73.9	9.7	69.8	5.6	74.2	9.9	75.8	11.6	76.5	12.2	67.9	3.6	64.6	0.3	65.6	1.4	64.7	0.4	66.5	2.2	67.7	3.4	65.7	1.4	65.0	0.7
A3	at-grade	62.5	4.0	61.9	3.4	61.6	3.1	66.9	8.4	68.4	9.8	67.0	8.4	60.9	2.4	59.0	0.5	60.5	1.9	58.8	0.2	61.2	2.6	62.0	3.4	60.3	1.7	59.6	1.0
A3	3	70.1	10.2	74.6	14.7	70.7	10.7	77.1	17.1	79.4	19.4	75.8	15.8	64.6	4.6	60.5	0.5	62.5	2.5	60.3	0.3	63.2	3.2	64.6	4.6	62.3	2.3	61.4	1.4
A3	5	71.3	9.9	74.4	13.1	71.5	10.2	79.2	17.8	80.7	19.3	77.4	16.0	66.1	4.7	61.8	0.4	64.3	2.9	62.0	0.5	65.4	3.9	66.1	4.6	64.2	2.7	63.2	1.8
A3	10	70.7	7.9	73.5	10.7	70.7	7.9	77.1	14.2	78.7	15.9	76.3	13.5	66.4	3.6	63.1	0.3	65.2	2.4	63.6	0.7	66.4	3.5	67.3	4.4	65.2	2.3	64.2	1.3
A3	top floor	69.9	5.7	72.4	8.2	69.6	5.4	74.7	10.5	76.7	12.4	74.8	10.5	66.6	2.3	64.4	0.2	66.0	1.7	64.8	0.6	67.1	2.8	68.0	3.7	66.0	1.7	65.2	0.9
A4	at-grade	62.1	3.6	62.9	4.4	59.4	0.9	63.1	4.5	63.8	5.2	60.2	1.6	59.0	0.4	58.7	0.2	60.9	2.3	58.9	0.3	61.7	3.1	63.0	4.4	60.7	2.1	59.9	1.3
A4	3	65.8	5.9	69.2	9.3	70.8	10.8	79.1	19.1	80.7	20.8	73.1	13.1	63.2	3.2	60.3	0.3	63.4	3.4	60.7	0.7	64.3	4.2	66.2	6.2	63.4	3.4	62.1	2.1
A4	5	68.3	6.9	71.3	9.9	70.8	9.4	78.2	16.8	80.0	18.6	73.9	12.4	64.2	2.8	61.7	0.2	65.7	4.2	62.4	1.0	66.7	5.2	68.0	6.5	65.6	4.2	64.1	2.6
A4	10	68.7	5.9	71.4	8.6	70.0	7.2	76.3	13.5	78.2	15.4	73.4	10.6	64.9	2.1	63.0	0.2	66.1	3.3	64.1	1.2	67.5	4.6	68.6	5.8	66.1	3.2	64.8	1.9
A4	top floor	68.5	4.3	70.8	6.6	69.1	4.9	74.3	10.0	76.4	12.1	72.8	8.6	65.6	1.4	64.4	0.1	66.7	2.4	65.2	0.9	68.0	3.7	69.0	4.7	66.6	2.3	65.6	1.3
A5	at-grade	61.4	2.9	62.5	4.0	59.1	0.6	65.4	6.9	62.2	3.7	59.8	1.2	58.9	0.3	58.7	0.1	61.0	2.4	59.1	0.5	61.7	3.1	64.1	5.5	61.1	2.5	60.1	1.5
A5	3	63.9	3.9	65.4	5.4	68.7	8.8	78.1	18.1	77.8	17.8	70.6	10.6	62.2	2.2	60.4	0.4	66.7	6.7	62.0	2.0	67.7	7.7	69.3	9.3	67.1	7.0	65.1	5.1
A5	5	66.0	4.6	68.0	6.6	68.9	7.5	77.3	15.9	77.4	16.0	70.8	9.4	63.1	1.7	61.7	0.3	67.4	5.9	64.1	2.6	68.7	7.3	70.6	9.1	67.6	6.2	65.6	4.2
A5	10	67.0	4.2	69.0	6.2	68.4	5.6	74.7	11.9	76.2	13.4	70.9	8.1	64.1	1.3	63.1	0.2	67.5	4.7	64.8	1.9	69.6	6.7	70.5	7.6	67.7	4.8	66.0	3.1
A5	top floor	67.3	3.1	69.2	5.0	68.0	3.8	72.9	8.7	74.9	10.6	70.9	6.6	65.1	0.9	64.4	0.1	67.6	3.3	65.6	1.3	69.3	5.0	70.5	6.2	67.7	3.4	66.4	2.1
A6	at-grade	60.7	2.2	61.4	2.9	59.5	0.9	61.9	3.4	64.0	5.5	60.8	2.3	59.0	0.5	58.7	0.1	60.2	1.6	59.0	0.4	60.8	2.2	61.9	3.3	61.0	2.4	60.0	1.4
A6	3	62.7	2.8	63.5	3.6	65.3	5.4	70.4	10.5	73.9	13.9	68.6	8.7	61.9	1.9	60.8	0.8	69.5	9.5	64.9	4.9	71.8	11.8	72.9	12.9	70.5	10.5	67.9	7.9
A6	5	64.0	2.6	65.6	4.3	66.5	5.1	72.3	10.9	74.6	13.2	68.9	7.5	62.9	1.4	62.0	0.6	69.5	8.1	65.5	4.0	71.7	10.3	73.3	11.8	70.5	9.0	68.0	6.5
A6	10	65.7	2.9	67.0	4.2	66.7	3.9	72.1	9.2	74.0	11.2	69.2	6.3	63.9	1.1	63.3	0.4	69.2	6.4	65.7	2.8	71.0	8.1	72.8	9.9	70.0	7.1	67.8	4.9
A6	top floor	66.5	2.3	67.7	3.5	67.0	2.8	71.2	6.9	73.2	8.9	69.3	5.1	65.0	0.7	64.6	0.3	68.8	4.5	66.1	1.8	70.4	6.1	72.3	8.0	69.1	4.8	67.5	3.2
A7	at-grade	60.4	1.9	61.3	2.8	59.9	1.3	62.3	3.8	65.2	6.6	62.0	3.4	59.5	1.0	59.2	0.6	60.1	1.5	59.0	0.4	60.5	1.9	62.1	3.5	61.1	2.5	60.1	1.5
A7	3	62.1	2.2	63.1	3.2	62.9	3.0	66.5	6.5	69.5	9.5	66.7	6.7	61.9	1.9	61.3	1.3	72.1	12.1	67.3	7.3	73.2	13.2	76.3	16.3	74.6	14.5	71.8	11.8
A7	5	63.3	2.0	64.6	3.2	64.9	3.5	68.9	7.6	72.1	10.7	67.7	6.3	63.3	1.9	62.7	1.2	72.0	10.6	67.3	5.9	73.0	11.6	76.2	14.8	74.2	12.8	71.5	10.0
A7	10	65.1	2.3	66.3	3.5	65.8	3.0	70.2	7.4	72.3	9.5	68.1	5.3	64.2	1.4	63.8	0.9	71.1	8.2	66.9	4.0	72.2	9.4	75.1	12.2	72.6	9.7	70.2	7.3
A7	top floor	66.0	1.8	67.2	3.0	66.4	2.2	69.9	5.6	72.0	7.8	68.5	4.2	65.3	1.0	64.9	0.6	70.0	5.7	66.7	2.4	71.4	7.1	73.9	9.6	70.7	6.4	68.8	4.5
A8	at-grade	59.8	1.3	60.4	1.9	59.5	1.0	61.5	2.9	63.6	5.1	60.7	2.1	59.4	0.8	59.2	0.7	61.5	2.9	59.6	1.0	62.0	3.4	64.4	5.8	63.6	4.97	62.0	3.4
A8	3	62.3	2.4	62.2	2.2	61.7	1.7	64.0	4.0	67.2	7.2	64.0	4.0	61.1	1.1	60.8	0.8	74.7	14.6	69.6	9.6	74.9	14.9	79.1	19.0	78.2	18.1	75.5	15.5
A8	5	63.5	2.1	63.2	1.9	63.5	2.2	66.4	5.0	69.8	8.4	65.5	4.1	62.7	1.3	62.4	1.0	74.1	12.7	69.5	8.1	74.7	13.3	78.8	17.3	77.2	15.8	74.7	13.3
A8	10	65.1	2.3	65.1	2.3	64.8	2.0	67.4	4.6	70.3	7.5	66.1	3.2	63.8	0.9	63.5	0.7	72.4	9.5	68.1	5.2	73.5	10.6	77.1	14.2	74.3	11.4	72.1	9.2
A8	top floor	66.2	2.0	66.1	1.9	65.7	1.4	67.9	3.7	70.4	6.2	66.8	2.6	64.9	0.6	64.7	0.5	70.6	6.4	67.2	2.9	72.3	8.0	75.4	11.1	71.7	7.4	69.7	5.4
A9	at-grade	58.7	0.2	58.6	0.1	58.6	0.0	58.7	0.2	58.8	0.3	58.7	0.1	58.6	0.1	58.6	0.0	61.3	2.7	59.1	0.5	60.6	2.0	62.0	3.4	60.6	2.0	60.3	1.7
A9	3	61.0	1.1	60.0	0.1	60.0	0.0	60.1	0.1	60.2	0.2	60.1	0.1	60.1	0.1	60.1	0.1	71.6	11.6	67.1	7.0	73.0	13.0	74.3	14.2	69.6	9.6	68.0	7.9
A9	5	62.4	1.1	61.4	0.1	61.4	0.0	61.5	0.1	61.7	0.3	61.5	0.1	61.5	0.1	61.5	0.0	71.5	10.0	67.7	6.2	73.0	11.6	74.3	12.9	70.5	9.0	69.3	7.8
A9	10	63.9	1.1	62.8	0.0	62.8	0.0	62.9	0.1	63.1	0.2	62.9	0.1	62.9	0.1	62.9	0.0	70.4	7.6	66.7	3.8	72.1	9.2	73.8	10.9	69.4	6.5	68.3	5.4
A9	top floor	65.3	1.1	64.2	0.0	64.2	0.0	64.3	0.1	64.4	0.2	64.3	0.1	64.3	0.0	64.3	0.0	69.3	5.0	66.2	1.9	71.0	6.7	72.9	8.6	68.3	4.0	67.4	3.1
A10	at-grade	60.0	0.1	60.0	0.1	60.0	0.0	60.1	0.1	60.2	0.2	60.1	0.1	60.1	0.1	60.1	0.0	60.3	0.2	60.2	0.1	60.4	0.3	60.8	0.7	60.6	0.5	60.4	0.3
A10	3	61.5	0.1	61.4	0.0	61.4	0.0	61.5	0.1	61.6	0.1	61.5	0.1	61.5	0.1	61.5	0.0	62.0	0.5	62.1	0.6	62.7	1.2	63.0	1.4	62.4	0.9	62.0	0.5
A10	5	62.9	0.1	62.9	0.0	62.9	0.0	62.9	0.1	63.0	0.1	63.0	0.1	62.9	0.0	62.9	0.0	63.3	0.3	63.3	0.4	63.8	0.9	64.0	1.1	63.6	0.6	63.3	0.4
A10	10	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.1	64.4	0.1	64.4	0.0	64.4	0.0	64.3	0.0	64.5	0.2	64.6	0.2	64.9	0.5	65.1	0.7	64.8	0.4	64.6	0.2
A10	top floor	65.7	0.0	65.7	0.0	65.7	0.0	65.7	0.0	65.8	0.1	65.8	0.0	65.8	0.0	65.8	0.0	65.9	0.1	65.9	0.1	66.1	0.3	66.2	0.4	66.0	0.2	65.9	0.1

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
A11	at-grade	59.0	0.1	59.0	0.0	59.0	0.0	59.0	0.1	59.0	0.1	59.1	0.1	59.1	0.1	59.0	0.1	59.1	0.1	59.0	0.1	59.1	0.1	59.1	0.1	59.0	0.1	59.1	0.1
A11	3	60.4	0.1	60.4	0.0	60.4	0.0	60.4	0.1	60.4	0.1	60.5	0.1	60.5	0.1	60.4	0.0	60.5	0.1	60.5	0.1	60.5	0.1	60.5	0.1	60.5	0.1	60.5	0.1
A11	5	61.8	0.1	61.8	0.0	61.8	0.0	61.8	0.0	61.9	0.1	61.9	0.1	61.9	0.1	61.8	0.0	61.9	0.1	61.9	0.1	61.9	0.1	61.9	0.1	61.9	0.0	61.9	0.0
A11	10	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.3	0.0	63.3	0.1	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.1	63.3	0.0	63.3	0.0
A11	top floor	64.6	0.0	64.6	0.0	64.6	0.0	64.6	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0
A12	at-garde	58.6	0.2	58.5	0.1	58.5	0.1	58.5	0.1	58.6	0.1	58.6	0.2	58.7	0.2	58.5	0.1	58.6	0.1	58.6	0.1	58.6	0.1	58.6	0.1	58.6	0.1	58.6	0.1
A12	3	60.0	0.1	59.9	0.1	59.9	0.1	59.9	0.1	60.0	0.1	60.0	0.2	60.1	0.2	59.9	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1
A12	5	61.4	0.1	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0
A12	10	62.8	0.1	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	62.8	0.1	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0
A12	top floor	64.2	0.1	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.1	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0
A13	at-grade	58.8	0.3	58.6	0.1	58.6	0.1	58.6	0.1	58.7	0.2	58.8	0.3	58.8	0.3	58.7	0.1	58.7	0.1	58.7	0.1	58.7	0.1	58.7	0.1	58.7	0.1	58.7	0.1
A13	3	60.2	0.3	60.0	0.1	60.1	0.1	60.1	0.1	60.1	0.2	60.2	0.2	60.2	0.2	60.1	0.1	60.1	0.1	60.1	0.1	60.1	0.1	60.1	0.1	60.1	0.1	60.1	0.1
A13	5	61.6	0.2	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.1	61.6	0.2	61.6	0.2	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.1
A13	10	62.9	0.2	62.9	0.0	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	63.0	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.0	62.9	0.0
A13	top floor	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0
A14	at-garde	59.3	0.4	59.1	0.2	59.1	0.2	59.1	0.2	59.3	0.3	59.3	0.4	59.4	0.4	59.2	0.2	59.2	0.2	59.2	0.2	59.2	0.2	59.2	0.2	59.1	0.2	59.2	0.2
A14	3	61.0	0.7	60.6	0.2	60.6	0.2	60.6	0.2	60.8	0.4	60.9	0.5	60.9	0.6	60.7	0.3	60.6	0.3	60.7	0.3	60.6	0.2	60.6	0.2	60.6	0.2	60.6	0.2
A14	5	62.4	0.6	61.9	0.2	62.0	0.2	62.0	0.2	62.1	0.3	62.2	0.4	62.2	0.4	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.1	62.0	0.2	62.0	0.1	62.0	0.1
A14	10	63.6	0.4	63.3	0.1	63.3	0.1	63.3	0.1	63.4	0.2	63.4	0.2	63.5	0.2	63.3	0.1	63.4	0.1	63.4	0.1	63.3	0.1	63.4	0.1	63.3	0.1	63.4	0.1
A14	top floor	64.8	0.2	64.7	0.0	64.7	0.0	64.7	0.1	64.7	0.1	64.8	0.1	64.8	0.1	64.7	0.1	64.7	0.1	64.7	0.1	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0
A15	at-grade	63.8	3.3	61.1	0.5	61.1	0.6	61.2	0.7	62.5	2.0	62.4	1.9	62.9	2.4	61.6	1.0	60.8	0.7	61.2	0.7	60.8	0.2	60.8	0.2	60.8	0.2	60.8	0.2
A15	3	69.9	8.0	62.6	0.6	62.7	0.7	62.8	0.9	64.2	2.3	64.2	2.3	64.8	2.8	63.2	1.2	62.3	0.8	62.8	0.8	62.3	0.3	62.3	0.3	62.3	0.3	62.3	0.2
A15	5	71.9	8.5	63.9	0.5	64.0	0.6	64.2	0.8	65.4	2.0	65.4	2.0	65.8	2.4	64.4	1.0	63.6	0.6	64.0	0.6	63.6	0.2	63.6	0.2	63.6	0.2	63.6	0.2
A15	10	71.4	6.6	65.2	0.4	65.3	0.5	65.5	0.7	66.8	2.0	66.6	1.8	67.1	2.3	65.8	1.0	65.0	0.6	65.5	0.6	65.0	0.1	65.0	0.1	65.0	0.1	65.0	0.1
A15	top floor	70.8	4.6	66.5	0.3	66.6	0.4	66.7	0.5	68.0	1.7	67.9	1.7	68.4	2.2	67.1	0.8	66.3	0.6	66.8	0.6	66.3	0.0	66.3	0.1	66.3	0.0	66.3	0.0
B1	at-grade	62.3	3.9	58.7	0.3	58.7	0.2	58.7	0.3	59.6	1.2	60.1	1.7	60.3	1.9	58.9	0.5	58.7	0.6	59.1	0.6	58.7	0.2	58.8	0.3	58.7	0.2	58.6	0.1
B1	3	74.5	14.7	60.2	0.3	60.2	0.3	60.2	0.4	61.2	1.3	61.5	1.7	61.8	1.9	60.4	0.5	60.2	0.7	60.6	0.7	60.2	0.3	60.2	0.3	60.1	0.2	60.0	0.1
B1	5	74.4	13.2	61.5	0.3	61.5	0.3	61.6	0.3	62.5	1.2	62.7	1.4	63.0	1.7	61.9	0.6	61.5	0.5	61.9	0.6	61.5	0.2	61.5	0.2	61.5	0.1	61.5	0.1
B1	10	73.3	10.6	62.9	0.2	62.9	0.2	62.9	0.2	63.8	1.1	64.1	1.4	64.3	1.6	63.1	0.4	62.9	0.5	63.2	0.5	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1
B1	top floor	71.8	7.7	64.2	0.1	64.2	0.1	64.3	0.1	64.8	0.7	65.0	0.9	65.2	1.0	64.4	0.2	64.2	0.3	64.5	0.3	64.2	0.1	64.3	0.1	64.2	0.0	64.2	0.0
B2	at-grade	61.2	2.8	58.5	0.1	58.5	0.1	58.6	0.1	59.1	0.6	59.5	1.0	59.6	1.2	58.7	0.2	58.6	0.3	58.8	0.3	58.6	0.1	58.7	0.2	58.5	0.1	58.6	0.1
B2	3	73.2	13.4	59.9	0.1	59.9	0.1	60.0	0.1	60.4	0.5	60.8	0.9	60.9	1.0	60.1	0.2	60.0	0.3	60.2	0.3	60.0	0.1	60.1	0.2	60.0	0.1	60.0	0.1
B2	5	73.0	11.7	61.4	0.1	61.4	0.1	61.4	0.1	61.7	0.4	62.0	0.7	62.1	0.7	61.4	0.1	61.4	0.2	61.5	0.2	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0
B2	10	72.2	9.5	62.8	0.1	62.8	0.1	62.8	0.1	63.0	0.3	63.2	0.5	63.3	0.5	62.9	0.1	62.9	0.1	62.9	0.2	62.9	0.1	62.9	0.1	62.8	0.1	62.8	0.0
B2	top floor	71.1	7.0	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.2	64.4	0.3	64.5	0.4	64.2	0.1	64.2	0.1	64.3	0.1	64.2	0.0	64.2	0.1	64.2	0.0	64.2	0.0
B3	at-grade	63.8	5.4	58.5	0.1	58.5	0.1	58.5	0.1	58.9	0.4	59.2	0.8	59.3	0.9	58.6	0.1	58.6	0.2	58.7	0.3	58.6	0.1	58.7	0.2	58.6	0.1	58.6	0.1
B3	3	70.4	10.6	59.9	0.1	59.9	0.1	59.9	0.1	60.3	0.4	60.5	0.7	60.6	0.7	60.0	0.1	60.0	0.2	60.1	0.2	60.0	0.1	60.2	0.3	60.0	0.1	60.0	0.1
B3	5	70.5	9.3	61.3	0.1	61.3	0.0	61.4	0.1	61.6	0.3	61.8	0.5	61.8	0.5	61.4	0.1	61.4	0.1	61.5	0.2	61.4	0.1	61.5	0.1	61.4	0.0	61.4	0.0
B3	10	70.2	7.6	62.7	0.0	62.8	0.0	62.8	0.0	62.9	0.2	63.1	0.3	63.1	0.4	62.8	0.1	62.8	0.1	62.9	0.1	62.8	0.1	62.9	0.1	62.8	0.0	62.8	0.0
B3	top floor	69.8	5.7	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.4	0.2	64.4	0.3	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
B4	at-grade	62.2	3.8	58.5	0.1	58.5	0.1	58.5	0.1	58.8	0.3	59.0	0.6	59.1	0.6	58.6	0.1	58.6	0.2	58.7	0.2	58.6	0.2	58.7	0.2	58.6	0.1	58.6	0.1
B4	3	66.2	6.3	59.9	0.1	59.9	0.1	59.9	0.1	60.1	0.3	60.3	0.5	60.4	0.5	60.0	0.1	60.0	0.1	60.1	0.2	60.0	0.1	60.1	0.2	60.0	0.1	60.0	0.1
B4	5	68.5	7.3	61.3	0.0	61.3	0.0	61.3	0.1	61.5	0.2	61.6	0.3	61.7	0.4	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.5	0.1	61.4	0.0	61.4	0.0
B4	10	68.6	5.9	62.7	0.0	62.7	0.0	62.8	0.0	62.9	0.1	63.0	0.2	63.0	0.3	62.8	0.0	62.8	0.1	62.8	0.1	62.8	0.1	62.9	0.1	62.8	0.0	62.8	0.0
B4	top floor	68.5	4.4	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.2	64.3	0.2	64.2	0.0	64.2	0.0	64.2	0.1	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
B5	at-grade	61.6	3.2	58.5	0.0	58.5	0.1	58.5	0.1	58.7	0.2	58.8	0.4	58.9	0.4	58.5	0.1	58.7	0.1	58.6	0.2	58.7	0.2	58.9	0.4	58.6	0.1	58.6	0.1
B5	3	64.1	4.2	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.2	60.2	0.3	60.2	0.3	59.9	0.1	60.1	0.1	60.0	0.1	60.1	0.2	60.2	0.3	60.0	0.1	60.0	0.1
B5	5	66.3	5.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.5	0.2	61.4	0.0	61.4	0.1	61.4	0.1	61.5	0.1	61.5	0.2	61.4	0.0	61.4	0.1
B5	10	66.9	4.2	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.9	0.2	62.9	0.2	62.8	0.0	62.9	0.0	62.8	0.1	62.9	0.1	62.9	0.1	62.8	0.0	62.8	0.0
B5	top floor	67.3	3.2	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.1	64.3	0.1	64.2	0.0	64.2	0.0
B6	at-grade	61.0	2.6	58.5	0.0	58.5	0.0	58.5	0.1	58.7	0.2	58.8	0.4	58.8	0.4	58.5	0.1	58.8	0.1	58.7	0.2	58.8	0.3	59.0	0.5	58.6	0.1	58.7	0.2
B6	3	62.9	3.1	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.2	60.1	0.3	60.2	0.3	59.9	0.1	60.1	0.1	60.1	0.2	60.2	0.3	60.3	0.4	60.0	0.1	60.0	0.1
B6	5	64.2	2.9	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.5	0.2	61.3	0.0	61.5	0.0	61.4	0.1	61.5	0.2	61.7	0.3	61.4	0.1	61.4	0.1
B6	10	65.9	3.2	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	62.9	0.1	62.8	0.0	62.9	0.0	62.8	0.1	62.9	0.1	63.0	0.2	62.8	0.1	62.8	0.1
B6	top floor	66.5	2.4	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.0	64.3	0.0	64.2	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0
B7	at-grade	60.6	2.2	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.2	58.7	0.3	58.8	0.3	58.5	0.1	58.8	0.1	58.7	0.2	58.9	0.4	59.1	0.6	58.7	0.2	58.7	0.2
B7	3	62.4	2.6	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.1	60.1	0.2	60.1	0.3	59.9	0.1	60.2	0.1	60.1	0.2	60.2	0.3	60.4	0.5	60.0	0.1	60.1	0.1
B7	5	63.4	2.2	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.5	0.2	61.3	0.0	61.6	0.0	61.4	0.1	61.6	0.2	61.7	0.4	61.5	0.1	61.5	0.1
B7	10	65.3	2.6	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	62.9	0.1	62.8	0.0	62.9	0.0	62.8	0.1	62.9	0.2	63.1	0.3	62.8	0.1	62.9	0.1
B7	top floor	66.1	2.0	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.1	64.2	0.1	64.2	0.0	64.3	0.0	64.2	0.1	64.3	0.1	64.4	0.2	64.2	0.0	64.2	0.0

Construction Nois

Exceed Le

Exceed 3 c

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
A11	at-grade	59.1	0.1	59.1	0.1	59.1	0.1	59.3	0.2	59.4	0.3	59.2	0.2	59.2	0.1	59.1	0.1	59.3	0.2	59.2	0.1	59.4	0.3	59.9	0.8	59.6	0.5	59.4	0.3
A11	3	60.5	0.1	60.5	0.1	60.5	0.1	60.6	0.2	60.7	0.3	60.6	0.1	60.6	0.1	60.5	0.0	60.7	0.2	60.6	0.1	60.8	0.3	61.2	0.7	61.0	0.4	60.8	0.2
A11	5	61.9	0.1	61.9	0.1	61.9	0.0	62.0	0.1	62.1	0.2	62.0	0.1	62.0	0.1	62.0	0.0	62.1	0.1	62.0	0.1	62.2	0.2	62.5	0.5	62.3	0.3	62.1	0.2
A11	10	63.3	0.0	63.3	0.0	63.3	0.0	63.4	0.1	63.5	0.1	63.4	0.1	63.4	0.0	63.4	0.0	63.4	0.1	63.4	0.1	63.5	0.2	63.7	0.3	63.6	0.2	63.5	0.1
A11	top floor	64.7	0.0	64.7	0.0	64.7	0.0	64.8	0.1	64.8	0.1	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.9	0.1	65.0	0.2	64.9	0.1	64.9	0.1
A12	at-garde	58.7	0.2	58.8	0.3	58.7	0.2	59.3	0.8	59.5	0.9	59.0	0.4	58.8	0.2	58.7	0.1	58.7	0.1	58.6	0.1	58.8	0.2	59.0	0.4	58.8	0.2	58.7	0.1
A12	3	60.1	0.1	60.2	0.2	60.1	0.1	60.5	0.6	60.7	0.7	60.3	0.3	60.2	0.2	60.1	0.1	60.1	0.1	60.1	0.0	60.1	0.1	60.3	0.3	60.2	0.2	60.1	0.1
A12	5	61.5	0.1	61.5	0.2	61.5	0.1	61.8	0.4	61.9	0.5	61.7	0.3	61.6	0.1	61.5	0.1	61.5	0.1	61.5	0.0	61.5	0.1	61.7	0.2	61.6	0.1	61.5	0.1
A12	10	62.9	0.1	62.9	0.1	62.9	0.1	63.0	0.2	63.2	0.3	63.0	0.2	62.9	0.1	62.9	0.1	62.9	0.0	62.9	0.0	62.9	0.1	63.0	0.2	63.0	0.1	62.9	0.1
A12	top floor	64.2	0.0	64.3	0.1	64.3	0.0	64.4	0.1	64.4	0.2	64.4	0.1	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.1	64.4	0.1	64.4	0.1	64.3	0.0
A13	at-grade	59.0	0.4	59.4	0.8	58.9	0.2	59.3	0.7	59.6	0.9	59.8	1.2	59.1	0.5	58.9	0.2	58.8	0.1	58.8	0.1	58.8	0.1	58.9	0.2	58.8	0.1	58.8	0.1
A13	3	60.3	0.3	60.7	0.7	60.3	0.2	60.6	0.6	60.8	0.7	61.1	1.0	60.5	0.5	60.3	0.2	60.2	0.1	60.2	0.1	60.2	0.1	60.3	0.2	60.2	0.1	60.2	0.1
A13	5	61.7	0.2	62.0	0.5	61.6	0.2	61.9	0.4	62.0	0.5	62.3	0.7	61.9	0.3	61.7	0.2	61.6	0.1	61.6	0.1	61.6	0.1	61.7	0.1	61.7	0.1	61.6	0.1
A13	10	63.0	0.2	63.2	0.3	63.0	0.1	63.2	0.3	63.3	0.4	63.4	0.5	63.2	0.2	63.1	0.1	63.0	0.1	63.0	0.0	63.0	0.1	63.1	0.1	63.1	0.1	63.0	0.1
A13	top floor	64.4	0.1	64.5	0.2	64.4	0.1	64.5	0.1	64.5	0.2	64.6	0.3	64.5	0.1	64.4	0.1	64.4	0.0	64.4	0.0	64.4	0.0	64.5	0.1	64.4	0.0	64.4	0.0
A14	at-garde	59.5	0.5	61.2	2.2	59.3	0.3	59.6	0.6	59.7	0.7	60.8	1.7	59.6	0.6	59.3	0.3	59.2	0.2	59.2	0.1	59.3	0.2	59.3	0.2	59.3	0.2	59.3	0.2
A14	3	61.0	0.5	62.7	2.3	60.9	0.5	61.1	0.7	61.2	0.7	62.8	2.3	61.7	1.2	61.0	0.5	60.7	0.2	60.7	0.2	60.7	0.2	60.8	0.3	60.7	0.2	60.7	0.2
A14	5	62.5	0.6	63.5	1.6	62.2	0.4	62.4	0.5	62.4	0.5	63.6	1.7	62.8	0.9	62.3	0.4	62.1	0.1	62.1	0.1	62.1	0.2	62.1	0.2	62.1	0.2	62.1	0.1
A14	10	63.7	0.4	64.3	1.0	63.5	0.2	63.6	0.3	63.7	0.4	64.4	1.1	63.9	0.6	63.6	0.2	63.4	0.1	63.4	0.1	63.5	0.1	63.5	0.1	63.5	0.1	63.5	0.1
A14	top floor	64.9	0.2	65.2	0.5	64.8	0.1	64.9	0.2	65.0	0.2	65.3	0.6	65.1	0.3	64.9	0.1	64.8	0.0	64.8	0.0	64.8	0.0	64.9	0.1	64.8	0.0	64.8	0.0
A15	at-grade	63.3	2.7	74.0	13.4	61.8	1.2	65.4	4.7	61.3	0.6	72.3	11.7	66.3	5.6	62.8	2.1	60.9	0.2	60.9	0.2	60.9	0.2	61.0	0.3	60.9	0.2	60.9	0.2
A15	3	68.7	6.7	75.6	13.6	67.8	5.8	67.7	5.6	63.1	1.1	76.6	14.5	73.4	11.3	68.6	6.5	62.4	0.3	62.4	0.3	62.4	0.3	62.4	0.3	62.4	0.3	62.4	0.3
A15	5	71.5	8.1	75.3	11.8	68.2	4.7	68.0	4.5	64.3	0.8	76.3	12.8	73.4	9.9	68.8	5.3	63.7	0.2	63.7	0.2	63.7	0.2	63.8	0.2	63.8	0.2	63.7	0.2
A15	10	70.9	6.0	73.6	8.7	68.1	3.2	68.0	3.1	65.5	0.6	75.0	10.1	72.9	7.9	68.9	3.9	65.1	0.1	65.1	0.1	65.1	0.1	65.1	0.1	65.1	0.1	65.1	0.1
A15	top floor	70.1	3.8	72.1	5.8	68.2	1.9	68.1	1.7	66.7	0.4	73.4	7.1	72.1	5.7	68.9	2.5	66.4	0.1	66.4	0.0	66.4	0.1	66.5	0.1	66.5	0.1	66.5	0.1
B1	at-grade	61.0	2.5	63.3	4.8	59.7	1.2	60.2	1.7	62.8	4.3	61.1	2.6	62.0	3.4	60.9	2.3	59.9	1.3	58.9	0.3	60.0	1.4	61.5	2.9	59.9	1.3	59.0	0.4
B1	3	71.6	11.7	70.7	10.7	70.2	10.3	70.8	10.8	74.9	15.0	73.5	13.5	75.1	15.1	73.1	13.1	61.5	1.5	60.4	0.4	62.0	2.0	63.6	3.6	61.6	1.6	60.5	0.5
B1	5	71.5	10.2	72.4	11.0	70.1	8.7	70.9	9.5	74.9	13.5	73.9	12.4	74.7	13.3	72.7	11.3	62.6	1.2	61.8	0.3	63.1	1.6	64.9	3.4	62.8	1.4	61.9	0.4
B1	10	70.9	8.1	72.1	9.3	69.5	6.7	70.8	8.0	74.5	11.7	74.1	11.3	73.1	10.3	70.9	8.1	64.2	1.4	63.2	0.3	64.4	1.5	66.1	3.2	64.3	1.4	63.3	0.4
B1	top floor	70.1	5.9	71.4	7.2	68.8	4.6	70.5	6.2	73.8	9.6	73.5	9.2	71.3	7.0	69.2	4.9	65.3	1.0	64.6	0.3	65.5	1.2	67.1	2.8	65.4	1.1	64.6	0.3
B2	at-grade	60.5	2.0	62.9	4.4	59.5	1.0	60.2	1.6	62.8	4.3	60.3	1.7	60.4	1.8	59.9	1.4	60.2	1.6	58.8	0.2	61.0	2.4	62.3	3.7	60.1	1.5	59.0	0.4
B2	3	71.9	12.0	71.2	11.3	71.1	11.2	72.5	12.5	78.7	18.7	73.3	13.3	72.9	12.9	72.3	12.3	61.9	1.9	60.3	0.3	62.7	2.7	64.5	4.5	61.8	1.8	60.5	0.4
B2	5	71.8	10.5	72.0	10.6	70.8	9.4	72.5	11.2	78.5	17.1	73.3	11.9	72.6	11.2	71.9	10.5	63.2	1.7	61.8	0.4	64.5	3.1	66.1	4.7	63.2	1.8	61.9	0.4
B2	10	71.0	8.2	71.8	9.0	70.0	7.2	72.2	9.4	77.4	14.5	73.0	10.2	71.2	8.3	70.4	7.5	64.7	1.8	63.4	0.5	65.9	3.0	67.7	4.8	65.0	2.1	63.3	0.5
B2	top floor	70.0	5.8	71.2	7.0	69.2	5.0	71.6	7.4	75.8	11.6	72.8	8.6	69.7	5.4	68.8	4.5	65.6	1.3	64.7	0.4	66.7	2.4	68.2	3.9	65.9	1.6	64.6	0.3
B3	at-grade	63.1	4.6	62.6	4.1	59.7	1.2	60.9	2.4	65.9	7.3	60.5	2.0	60.3	1.8	59.9	1.3	60.5	1.9	58.9	0.3	61.4	2.8	62.7	4.1	59.8	1.2	58.7	0.1
B3	3	70.0	10.0	69.2	9.3	70.0	10.0	72.8	12.9	81.5	21.6	71.6	11.6	69.2	9.3	68.4	8.4	62.4	2.4	60.4	0.4	63.4	3.4	65.2	5.2	61.6	1.6	60.1	0.1
B3	5	70.1	8.8	70.6	9.3	69.9	8.6	72.9	11.5	80.9	19.5	71.7	10.3	69.3	7.9	68.5	7.0	64.2	2.8	62.0	0.6	65.5	4.1	67.3	5.9	63.6	2.1	61.7	0.2
B3	10	69.7	6.9	70.7	7.9	69.5	6.7	72.6	9.8	78.8	16.0	71.6	8.8	68.9	6.1	68.1	5.2	65.2	2.3	63.6	0.7	66.5	3.6	68.7	5.8	65.1	2.2	63.1	0.2
B3	top floor	69.2	5.0	70.3	6.1	68.8	4.6	71.8	7.6	76.7	12.4	71.8	7.5	68.4	4.1	67.6	3.3	66.0	1.7	64.9	0.6	67.2	2.9	69.1	4.8	65.8	1.5	64.4	0.1
B4	at-grade	61.9	3.4	62.2	3.7	59.2	0.6	60.9	2.4	64.0	5.5	59.6	1.0	59.3	0.7	59.0	0.5	60.8	2.3	59.0	0.4	61.8	3.2	63.8	5.2	60.5	1.9	58.8	0.2
B4	3	65.5	5.6	67.9	7.9	68.6	8.7	74.5	14.5	80.5	20.6	69.9	9.9	66.7	6.7	65.7	5.7	63.2	3.2	60.7	0.6	64.4	4.4	67.1	7.1	63.0	3.0	60.2	0.2
B4	5	67.8	6.5	69.3	7.9	68.8	7.4	74.1	12.7	80.1	18.7	70.0	8.6	66.9	5.5	66.0	4.6	65.4	3.9	62.4	0.9	66.7	5.3	69.1	7.7	64.9	3.5	61.7	0.2
B4	10	68.3	5.5	69.5	6.7	68.7	5.9	73.0	10.2	78.4	15.6	70.4	7.6	67.1	4.3	66.3	3.5	65.9	3.1	64.0	1.1	67.7	4.8	70.4	7.6	66.1	3.2	63.0	0.1
B4	top floor	68.3	4.1	69.4	5.2	68.3	4.1	71.9	7.7	76.6	12.3	70.6	6.3	67.2	3.0	66.6	2.3	66.5	2.2	65.2	0.9	68.2	3.9	70.5	6.2	66.5	2.2	64.4	0.1
B5	at-grade	61.2	2.7	62.0	3.5	63.9	5.4	74.2	15.7	74.8	16.3	64.1	5.6	61.4	2.8	60.8	2.2	60.9	2.3	59.1	0.5	61.7	3.1	65.3	6.7	61.1	2.5	58.9	0.3
B5	3	63.5	3.6	64.7	4.7	66.6	6.7	75.4	15.5	77.5	17.5	67.8	7.8	64.3	4.3	63.5	3.5	66.4	6.4	62.0	2.0	68.3	8.3	71.3	11.3	66.4	6.4	60.4	0.4
B5	5	65.5	4.2	67.1	5.7	67.1	5.8	74.2	12.8	77.2	15.8	68.1	6.7	64.9	3.5	64.2	2.8	67.2	5.8	64.2	2.7	69.6	8.2	73.6	12.1	68.3	6.8	61.7	0.3
B5	10	66.7	3.9	67.8	5.0	67.4	4.6	72.4	9.6	76.1	13.3	69.0	6.2	65.5	2.7	64.9	2.0	67.4	4.5	65.0	2.1	69.9	7.0	73.1	10.2	68.1	5.3	63.1	0.2
B5	top floor	67.1	2.9	68.1	3.9	67.4	3.2	71.3	7.0	74.9	10.6	69.4	5.1	66.1	1.9	65.7	1.4	67.5	3.2	65.6	1.3	69.6	5.3	72.5	8.2	67.8	3.5	64.4	0.1
B6	at-grade	60.7	2.2	61.5	3.0	59.4	0.9	61.5	2.9	64.0	5.4	60.0	1.4	59.3	0.7	59.0	0.4	59.9	1.3	59.0	0.4	61.4	2.8	63.4	4.8	61.0	2.4	59.1	0.5
B6	3	62.5	2.6	63.5	3.5	64.7	4.8	69.0	9.0	73.7	13.7	66.8	6.8	63.0	3.0	62.4	2.4	69.4	9.4	66.1	6.1	72.0	12.0	77.0	17.0	72.1	12.1	60.9	0.9
B6	5	63.7	2.4	65.5	4.1	65.7	4.3	70.8	9.4	74.0	12.6	67.2	5.8	63.8	2.4	63.2	1.8	69.4	8.0	66.2	4.7	72.3	10.8	76.9	15.5	71.8	10.4	62.1	0.6
B6	10	65.5	2.7	66.6	3.8	66.2	3.4	70.4	7.6	73.7	10.8	67.6	4.8	64.7	1.8	64.2	1.4	69.0	6.1	65.9	3.1	71.8	8.9	75.6	12.8	70.5	7.6	63.3	0.4
B6	top floor	66.3	2.1	67.3	3.1	66.6	2.4	70.0	5.7	73.1	8.9	68.3	4.0	65.5	1.3	65.2	0.9	68.6	4.3	66.1	1.8	71.1	6.8	74.2	9.9	69.3	5.0	64.5	0.2
B7	at-grade	60.4	1.9	61.1	2.6	59.8	1.3	61.9	3.4	65.0	6.5	61.3	2.7	59.5	0.9	59.2	0.6	59.8	1.2	59.0	0.4	61.3	2.7	63.1	4.5	61.0	2.4	59.0	0.4
B7	3	62.0	2.1	62.9	2.9	62.8	2.9	65.8	5.8	69.6	9.6	65.6	5.6	62.0	2.0	61.5	1.5	71.5	11.5	67.1	7.1	74.7	14.7	78.9	18.8	74.7	14.7	62.6	2.5
B7	5	63.2	1.8	64.3	2.9	64.7	3.3	68.3	6.9	72.2	10.8	66.6	5.2	63.3	1.9	62.9	1.4	71.3	9.8	67.1	5.6	74.7	13.3	78.8	17.3	74.2	12.8	63.3	1.9
B7	10	65.0	2.2	66.0	3.2	65.6	2.8	69.3	6.5	72.3	9.5	67.2	4.3	64.3	1.4	63.9	1.1	70.4	7.5	66.6	3.7	73.6	10.7	77.2	14.3	72.3	9.4	64.1	1.2
B7	top floor	66.0	1.8	66.8	2.6	66.2	2.0	69.2	4.9	72.0	7.8	67.8	3.5	65.3	1.0	65.0	0.7	69.4	5.1	66.5	2.2	72.3	8.1	75.5	11.2	70.4	6.1	65.0	0.7

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
B8	at-grade	60.2	1.8	58.4	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.7	0.2	58.7	0.2	58.5	0.0	58.9	0.1	58.7	0.2	58.9	0.5	59.2	0.8	58.6	0.2	58.7	0.2
B8	3	61.8	1.9	59.9	0.0	59.9	0.0	59.9	0.1	60.0	0.1	60.1	0.3	60.1	0.3	59.9	0.1	60.2	0.1	60.1	0.2	60.3	0.4	60.5	0.7	60.0	0.2	60.0	0.2
B8	5	62.8	1.6	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.3	0.0	62.6	0.0	61.8	0.5	62.4	1.1	63.2	1.9	62.0	0.7	62.0	0.7
B8	10	64.6	1.9	62.7	0.0	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1	62.8	0.1	62.7	0.0	63.6	0.0	63.2	0.5	63.7	1.0	64.2	1.5	63.2	0.5	63.2	0.5
B8	top floor	65.6	1.5	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.1	64.2	0.1	64.1	0.0	64.7	0.0	64.4	0.3	64.8	0.6	65.1	1.0	64.4	0.3	64.4	0.3
B9	at-grade	59.0	0.1	59.0	0.1	59.0	0.1	59.1	0.1	59.1	0.2	59.2	0.3	59.2	0.3	59.0	0.1	63.8	0.1	61.7	2.8	63.9	4.9	65.4	6.4	61.6	2.6	62.4	3.4
B9	3	60.4	0.1	60.4	0.1	60.5	0.1	60.5	0.1	60.6	0.2	60.8	0.4	60.7	0.3	60.5	0.1	68.7	0.1	65.7	5.3	68.6	8.2	70.5	10.1	65.6	5.2	66.8	6.4
B9	5	61.8	0.1	61.8	0.1	61.8	0.1	61.9	0.1	61.9	0.1	62.0	0.2	62.0	0.2	61.9	0.1	72.1	0.1	68.7	6.9	71.9	10.1	74.0	12.1	69.0	7.2	70.0	8.2
B9	10	63.2	0.1	63.2	0.0	63.3	0.0	63.3	0.0	63.3	0.1	63.3	0.1	63.4	0.1	63.3	0.0	71.7	0.0	69.0	5.8	72.2	8.9	73.9	10.6	68.9	5.6	69.6	6.4
B9	top floor	64.6	0.0	64.6	0.0	64.7	0.0	64.7	0.0	64.7	0.1	64.7	0.1	64.7	0.1	64.7	0.0	70.9	0.0	68.6	3.9	71.3	6.6	73.2	8.5	68.6	3.9	69.1	4.4
B10	at-grade	60.0	0.2	60.4	0.6	60.4	0.5	60.7	0.8	62.6	2.8	62.6	2.8	62.4	2.6	60.0	0.2	63.0	0.8	63.4	3.6	65.5	5.6	64.9	5.1	61.7	1.8	61.8	2.0
B10	3	61.4	0.2	61.9	0.6	61.8	0.5	62.1	0.9	64.3	3.1	64.3	3.0	64.1	2.8	61.4	0.2	69.7	0.8	68.5	7.2	71.6	10.4	72.0	10.7	67.3	6.1	67.3	6.0
B10	5	62.8	0.1	63.2	0.5	63.2	0.5	63.4	0.8	65.5	2.8	65.3	2.6	65.2	2.5	62.8	0.1	72.1	0.9	71.9	9.2	75.3	12.6	74.9	12.2	69.5	6.8	69.6	6.9
B10	10	64.1	0.1	64.6	0.5	64.6	0.5	64.9	0.8	67.1	3.0	67.1	3.0	66.9	2.8	64.2	0.1	71.3	0.7	71.2	7.1	74.6	10.5	74.2	10.1	69.1	4.9	69.1	5.0
B10	top floor	65.5	0.0	65.9	0.4	65.9	0.4	66.2	0.7	67.8	2.3	68.0	2.5	67.8	2.3	65.6	0.0	70.4	0.5	70.4	4.9	73.3	7.8	74.0	8.4	68.6	3.0	68.6	3.1
B11	at-grade	63.5	0.1	63.7	0.2	63.8	0.3	63.8	0.4	65.2	1.7	65.2	1.8	65.1	1.7	63.6	0.1	64.2	0.4	65.2	1.7	66.4	3.0	65.1	1.6	64.0	0.5	63.8	0.3
B11	3	63.4	0.1	63.7	0.4	63.7	0.4	63.8	0.5	65.8	2.5	66.0	2.7	65.9	2.5	63.5	0.1	65.3	0.7	68.4	5.1	70.9	7.6	68.6	5.3	65.1	1.8	63.7	0.3
B11	5	63.3	0.1	63.8	0.6	63.9	0.7	64.0	0.8	66.7	3.5	66.3	3.1	66.1	2.9	63.3	0.1	67.2	0.8	70.9	7.7	74.3	11.0	71.5	8.2	67.0	3.7	63.8	0.6
B11	10	63.2	0.1	63.7	0.6	63.9	0.8	64.1	1.0	67.2	4.1	67.4	4.3	67.2	4.1	63.2	0.1	66.3	1.1	70.3	7.2	73.6	10.5	71.2	8.1	66.0	2.9	63.7	0.5
B11	top floor	63.0	0.1	63.7	0.8	64.1	1.1	64.3	1.3	67.2	4.2	67.6	4.7	67.4	4.4	63.0	0.1	65.4	1.1	69.3	6.3	72.3	9.4	71.5	8.5	65.1	2.1	63.4	0.4
B12	at-grade	63.5	0.1	63.7	0.3	63.8	0.4	63.8	0.4	65.4	2.0	65.4	2.0	65.4	1.9	63.5	0.1	64.0	0.4	65.0	1.5	65.9	2.4	65.2	1.7	63.9	0.4	63.7	0.2
B12	3	63.4	0.1	63.7	0.4	63.8	0.5	63.9	0.5	66.3	3.0	66.4	3.1	66.3	2.9	63.4	0.1	64.6	0.7	67.1	3.8	69.1	5.7	67.9	4.5	64.5	1.1	63.6	0.2
B12	5	63.3	0.1	63.9	0.7	64.1	0.9	64.2	1.0	67.5	4.2	67.0	3.8	66.9	3.7	63.3	0.1	65.7	1.3	69.3	6.1	71.8	8.5	70.3	7.0	65.5	2.3	63.6	0.3
B12	10	63.2	0.1	64.0	0.9	64.3	1.2	64.3	1.2	67.9	4.8	68.3	5.2	68.1	5.0	63.2	0.1	65.5	1.4	69.2	6.0	71.7	8.6	70.5	7.3	65.3	2.2	63.4	0.3
B12	top floor	63.0	0.1	64.0	1.1	64.2	1.3	64.3	1.3	67.7	4.7	68.4	5.5	68.2	5.3	63.0	0.1	64.9	1.4	68.4	5.5	71.0	8.0	70.5	7.6	64.7	1.7	63.2	0.2
B13	at-grade	62.3	0.2	62.7	0.6	62.8	0.7	63.0	0.9	65.4	3.2	65.3	3.1	65.3	3.1	62.3	0.2	62.7	0.8	63.9	1.7	64.5	2.2	64.0	1.8	62.6	0.4	62.5	0.2
B13	3	62.3	0.4	63.0	1.0	63.2	1.1	63.4	1.4	67.2	5.1	67.3	5.2	67.2	5.1	62.2	0.2	63.0	1.5	65.6	3.6	66.9	4.8	65.8	3.6	63.0	0.9	62.4	0.2
B13	5	62.1	0.2	63.5	1.6	63.7	1.8	64.2	2.2	68.6	6.7	68.0	6.0	67.9	5.9	62.1	0.2	63.5	1.9	67.2	5.2	68.8	6.8	67.1	5.1	63.4	1.4	62.3	0.3
B13	10	61.9	0.1	64.1	2.3	63.9	2.1	64.3	2.5	69.0	7.2	69.9	8.1	69.9	8.0	62.0	0.1	63.6	2.7	67.8	5.9	69.4	7.5	68.6	6.7	63.5	1.6	62.1	0.2
B13	top floor	61.7	0.1	64.2	2.6	63.7	2.0	64.1	2.5	68.7	7.1	70.1	8.4	69.8	8.1	61.8	0.1	63.3	2.6	67.3	5.6	69.0	7.3	68.6	6.9	63.2	1.4	61.9	0.2
B14	at-grade	63.4	0.1	64.0	0.6	63.9	0.6	64.3	1.0	66.7	3.4	66.6	3.3	66.9	3.5	63.5	0.1	63.6	0.8	64.7	1.3	64.8	1.4	64.5	1.1	63.6	0.2	63.5	0.1
B14	3	63.3	0.1	64.9	1.7	65.1	1.9	65.9	2.7	69.6	6.3	68.9	5.7	69.2	5.9	63.4	0.1	63.7	1.6	65.7	2.5	65.8	2.5	65.1	1.9	63.6	0.4	63.4	0.1
B14	5	63.2	0.1	65.9	2.8	65.4	2.3	66.3	3.2	70.9	7.8	70.6	7.4	70.8	7.7	63.3	0.2	63.7	3.1	67.4	4.3	67.0	3.9	65.9	2.7	63.7	0.5	63.3	0.1
B14	10	63.1	0.1	66.5	3.5	65.2	2.2	66.2	3.2	71.3	8.3	72.5	9.5	72.7	9.7	63.2	0.1	63.9	3.4	67.8	4.8	67.8	4.7	67.2	4.1	63.8	0.7	63.2	0.1
B14	top floor	62.9	0.1	66.0	3.2	65.0	2.2	66.0	3.1	70.8	7.9	72.2	9.4	72.1	9.2	63.0	0.1	63.7	3.1	67.5	4.7	67.7	4.8	67.3	4.4	63.6	0.7	63.0	0.1
B15	at-grade	63.3	0.1	63.9	0.7	64.1	0.9	64.4	1.2	67.0	3.8	67.2	3.9	67.7	4.4	63.4	0.1	63.5	1.0	64.6	1.4	64.4	1.2	64.2	1.0	63.5	0.2	63.4	0.1
B15	3	63.2	0.2	65.5	2.4	66.3	3.2	67.0	3.9	70.9	7.8	70.2	7.0	70.6	7.5	63.3	0.2	63.5	2.0	65.7	2.6	65.1	1.9	64.7	1.6	63.4	0.3	63.3	0.1
B15	5	63.2	0.2	66.6	3.6	66.5	3.5	67.4	4.4	73.0	9.9	73.3	10.3	73.8	10.8	63.3	0.2	63.4	4.2	67.8	4.8	65.6	2.5	65.1	2.0	63.4	0.3	63.2	0.1
B15	10	63.0	0.2	66.9	4.0	66.6	3.7	67.4	4.5	73.0	10.1	74.5	11.6	74.6	11.7	63.1	0.2	63.5	5.0	68.7	5.7	66.5	3.5	65.9	2.9	63.4	0.5	63.1	0.1
B15	top floor	62.8	0.1	66.4	3.7	66.4	3.7	67.2	4.5	72.2	9.5	73.8	11.0	73.6	10.8	62.9	0.2	63.4	4.3	68.0	5.2	66.7	4.0	66.3	3.5	63.3	0.5	62.9	0.1
B16	at-grade	64.2	0.2	64.7	0.7	64.8	0.7	65.0	1.0	68.0	3.9	68.1	4.1	68.8	4.8	64.2	0.2	64.3	1.2	65.6	1.5	64.9	0.9	64.8	0.7	64.2	0.1	64.2	0.1
B16	3	64.1	0.2	66.5	2.6	67.2	3.3	67.9	4.0	72.6	8.7	71.7	7.8	72.3	8.4	64.1	0.2	64.2	2.8	67.1	3.1	65.3	1.3	65.1	1.1	64.2	0.2	64.1	0.1
B16	5	64.0	0.2	67.9	4.1	67.6	3.8	68.3	4.5	74.7	10.9	74.5	10.7	74.9	11.1	64.2	0.4	64.1	6.3	70.4	6.5	65.4	1.5	65.2	1.3	64.1	0.2	64.0	0.1
B16	10	63.9	0.2	68.0	4.3	67.4	3.7	68.1	4.4	75.0	11.3	76.5	12.8	76.5	12.8	64.1	0.3	64.1	6.5	70.6	6.9	66.1	2.4	65.8	2.0	64.1	0.3	63.9	0.1
B16	top floor	63.6	0.1	67.3	3.8	67.1	3.5	67.8	4.3	73.7	10.2	75.3	11.8	75.0	11.5	63.8	0.3	64.0	5.2	69.3	5.7	66.4	2.8	66.1	2.5	63.9	0.3	63.7	0.1
B17	at-grade	64.2	0.2	64.8	0.7	64.8	0.7	65.0	1.0	68.7	4.7	68.9	4.8	69.6	5.5	64.6	0.6	64.3	1.8	66.1	2.0	64.8	0.7	64.7	0.6	64.3	0.1	64.3	0.1
B17	3	64.4	0.5	66.7	2.8	67.2	3.3	68.0	4.0	73.6	9.7	72.7	8.8	73.4	9.5	66.2	2.2	64.2	4.1	68.2	4.3	65.0	1.0	64.8	0.8	64.2	0.2	64.2	0.2
B17	5	64.4	0.6	67.9	4.1	67.6	3.8	68.3	4.5	76.4	12.6	76.3	12.4	76.9	13.1	67.6	3.8	64.1	7.6	71.6	7.7	65.0	1.1	64.9	1.0	64.1	0.2	64.1	0.1
B17	10	64.2	0.5	68.1	4.4	67.4	3.7	68.1	4.4	76.6	12.9	77.7	13.9	77.9	14.1	67.0	3.2	64.1	8.4	72.3	8.6	65.6	1.8	65.3	1.5	64.1	0.2	63.9	0.1
B17	top floor	63.9	0.4	67.5	3.9	67.1	3.6	67.8	4.3	74.8	11.3	76.2	12.7	76.1	12.5	66.1	2.5	63.9	6.6	70.4	6.8	65.7	2.1	65.6	1.9	63.9	0.3	63.7	0.1
B18	at-grade	65.8	1.8	64.6	0.6	64.6	0.6	64.7	0.7	67.6	3.6	67.0	2.9	67.6	3.5	64.8	0.7	64.2	1.2	65.2	1.2	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1
B18	3	71.2	7.3	65.6	1.7	65.7	1.8	66.2	2.3	71.0	7.0	69.4	5.4	70.4	6.5	66.2	2.3	64.2	2.7	66.6	2.7	64.2	0.2	64.2	0.3	64.2	0.2	64.1	0.2
B18	5	72.4	8.6	66.4	2.6	66.2	2.4	66.8	3.0	73.5	9.7	72.2	8.4	73.2	9.4	68.0	4.2	64.1	4.6	68.4	4.6	64.1	0.2	64.1	0.2	64.0	0.2	64.0	0.2
B18	10	71.7	8.0	66.3	2.6	66.1	2.4	66.6	2.9	74.5	10.8	74.5	10.8	74.9	11.2	67.7	4.0	63.9	6.2	70.0	6.2	63.9	0.2	63.9	0.2	63.9	0.1	63.9	0.1
B18	top floor	70.4	6.9	66.0	2.5	65.8	2.2	66.3	2.8	73.3	9.7	73.4	9.8	73.7	10.2	66.9	3.3	63.7	5.1	68.6	5.1	63.7	0.1	63.7	0.1	63.7	0.1	63.7	0.1
C1	at-grade	66.5	0.0	66.6	0.1	66.6	0.0	66.6	0.1	67.8	1.3	67.7	1.2	67.5	0.9	66.6	0.0	66.6	0.1	67.0	0.4	67.3	0.7	67.0	0.4	66.6	0.0	66.6	0.0
C1	3	65.7	0.0	66.6	0.9	65.9	0.2	66.0	0.2	72.2	6.5	68.8	3.0	68.3	2.6	65.8	0.1	65.9	0.1	66.6	0.9	67.4	1.6	66.6	0.8	65.8	0.1	65.8	0.0
C1	5	64.9	0.0	66.8	1.9	65.2	0.3	65.2	0.3	72.3	7.4	70.2	5.3	70.4	5.5	65.0	0.1	65.2	0.2	66.7	1.7	68.0	3.1	66.6	1.7	65.1	0.2	65.0	0.1
C1	10	64.2	0.1	66.6	2.5	64.4	0.3	64.5	0.4	71.7	7.6	71.5	7.4	71.1	6.9	64.2	0.1	64.6	0.3	66.6	2.5	68.6	4.4	67.5	3.3	64.5	0.3	64.2	0.1
C1	15	63.4	0.1	65.6	2.3	63.7	0.3	63.7	0.4	71.0	7.7	71.1	7.8	69.6	6.2	63.5	0.1	63.8	0.6	66.3	3.0	68.2	4.9	67.3	3.9	63.8	0.4	63.5	0.1
C1	20	62.6	0.1	64.7	2.2	62.9	0.4	62.9	0.4	70.2	7.7	70.0	7.5	68.5	5.9	62.7	0.2	63.1	0.8	65.8	3.2	67.6	5.1	66.7	4.1	63.0	0.4	62.7	0.1
C1	25	61.8	0.1	63.7	2.0	62.1	0.4	62.2	0.4	69.2	7.4	68.8	7.1	68.9	7.2	61.9	0.1	62.3	0.8	65.0	3.3	67.0	5.2	66.0	4.2	62.2	0.4	61.9	0.1
C1	top floor	61.0	0.2	62.9	2.0	61.4	0.5	61.5	0.6	68.3	7.5	68.1	7.3	68.9	8.0	61.0	0.2	61.4	0.9	64.3	3.4	66.3	5.4	65.3	4.4	61.3	0.4	61.0	0.1

Construction Nois

Exceed Le

Exceed 3 c

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
B8	at-grade	60.0	1.6	60.5	2.0	59.5	1.1	60.9	2.4	63.7	5.3	61.3	2.8	59.3	0.8	59.0	0.5	60.3	1.8	59.0	0.6	64.8	6.4	64.8	6.3	62.9	4.4	60.5	2.0
B8	3	61.5	1.6	62.2	2.3	61.6	1.7	63.8	3.9	67.1	7.2	63.8	3.9	61.1	1.2	60.6	0.7	72.0	12.1	67.4	7.5	77.6	17.7	79.5	19.6	76.9	17.0	71.8	11.9
B8	5	63.1	1.8	63.3	2.0	63.5	2.2	66.1	4.7	69.8	8.4	65.6	4.3	62.7	1.3	62.2	0.9	71.8	10.5	67.4	6.0	77.7	16.4	79.5	18.1	76.5	15.2	71.5	10.2
B8	10	64.7	1.9	65.2	2.4	64.7	2.0	67.3	4.5	70.3	7.5	66.3	3.5	63.7	1.0	63.4	0.6	70.8	8.1	66.8	4.0	75.9	13.1	78.0	15.2	74.8	12.0	70.4	7.6
B8	top floor	65.6	1.5	66.2	2.0	65.6	1.4	67.8	3.6	70.3	6.1	67.0	2.8	64.9	0.7	64.6	0.4	69.8	5.6	66.6	2.4	73.9	9.7	76.2	12.0	72.8	8.6	69.1	4.9
B9	at-grade	62.4	3.4	59.1	0.1	59.1	0.0	59.1	0.1	59.3	0.2	59.1	0.1	59.1	0.1	59.1	0.0	60.8	1.7	59.3	0.2	61.5	2.5	63.2	4.1	62.9	3.8	61.4	2.3
B9	3	66.8	6.4	60.5	0.1	60.5	0.0	60.5	0.1	60.6	0.2	60.6	0.1	60.6	0.1	60.5	0.0	68.9	8.4	63.8	3.3	75.2	14.6	75.5	15.0	72.5	12.0	69.3	8.8
B9	5	70.0	8.2	61.9	0.1	61.9	0.0	62.0	0.1	62.2	0.3	62.0	0.1	62.0	0.1	62.0	0.0	69.0	7.0	64.7	2.7	75.0	13.1	75.7	13.7	73.1	11.1	69.8	7.8
B9	10	69.6	6.4	63.3	0.0	63.3	0.0	63.4	0.1	63.5	0.2	63.4	0.1	63.4	0.0	63.4	0.0	68.7	5.3	65.1	1.7	73.9	10.5	74.8	11.4	72.1	8.7	69.3	5.9
B9	top floor	69.1	4.4	64.7	0.0	64.7	0.0	64.8	0.1	64.9	0.1	64.8	0.1	64.8	0.0	64.8	0.0	68.4	3.6	65.8	1.0	72.5	7.7	73.5	8.7	70.9	6.1	68.6	3.8
B10	at-grade	61.8	2.0	59.9	0.1	59.9	0.0	60.0	0.1	60.1	0.2	60.0	0.1	59.9	0.1	59.9	0.0	60.0	0.1	59.9	0.0	60.5	0.6	60.7	0.8	60.3	0.4	60.1	0.2
B10	3	67.3	6.0	61.3	0.1	61.3	0.0	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.3	0.0	61.8	0.5	61.5	0.2	64.2	2.9	64.1	2.8	62.6	1.3	61.9	0.6
B10	5	69.6	6.9	62.7	0.0	62.7	0.0	62.8	0.1	62.9	0.1	62.8	0.1	62.8	0.0	62.8	0.0	63.1	0.4	62.9	0.1	64.9	2.2	64.9	2.1	63.7	1.0	63.2	0.4
B10	10	69.1	5.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.4	0.2	64.3	0.1	65.7	1.5	65.6	1.5	64.8	0.6	64.5	0.3
B10	top floor	68.6	3.1	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.1	65.6	0.0	65.6	0.0	65.6	0.0	65.7	0.1	65.6	0.0	66.5	0.9	66.5	0.9	66.0	0.4	65.8	0.2
B11	at-grade	63.8	0.3	63.5	0.0	63.5	0.0	63.6	0.1	63.7	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.2	63.9	0.3	63.8	0.2	63.7	0.1
B11	3	63.7	0.4	63.4	0.0	63.4	0.0	63.5	0.1	63.5	0.1	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.1	63.5	0.0	63.7	0.2	63.9	0.4	63.7	0.2	63.6	0.1
B11	5	63.9	0.6	63.3	0.0	63.3	0.0	63.4	0.1	63.4	0.1	63.4	0.1	63.4	0.1	63.4	0.0	63.4	0.1	63.4	0.0	63.6	0.2	63.8	0.4	63.6	0.2	63.5	0.1
B11	10	63.7	0.5	63.2	0.0	63.2	0.0	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.1	63.3	0.0	63.5	0.2	63.7	0.4	63.5	0.2	63.4	0.1
B11	top floor	63.4	0.4	63.0	0.0	63.0	0.0	63.1	0.1	63.2	0.1	63.1	0.1	63.1	0.0	63.1	0.0	63.1	0.1	63.1	0.0	63.3	0.2	63.4	0.3	63.3	0.2	63.2	0.1
B12	at-grade	63.7	0.2	63.5	0.0	63.5	0.0	63.6	0.1	63.7	0.2	63.6	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.1	63.9	0.3	63.7	0.1	63.7	0.1
B12	3	63.6	0.2	63.4	0.1	63.4	0.0	63.5	0.1	63.6	0.2	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.1	63.5	0.0	63.6	0.1	63.8	0.3	63.6	0.2	63.5	0.1
B12	5	63.6	0.3	63.3	0.0	63.3	0.0	63.4	0.1	63.5	0.2	63.4	0.1	63.4	0.1	63.4	0.0	63.4	0.1	63.4	0.0	63.5	0.1	63.7	0.3	63.5	0.2	63.4	0.1
B12	10	63.5	0.3	63.2	0.0	63.2	0.0	63.3	0.1	63.4	0.2	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.1	63.3	0.0	63.4	0.1	63.6	0.3	63.4	0.2	63.3	0.1
B12	top floor	63.2	0.2	63.0	0.0	63.0	0.0	63.1	0.1	63.2	0.2	63.1	0.1	63.1	0.0	63.1	0.0	63.1	0.0	63.1	0.0	63.2	0.1	63.4	0.3	63.2	0.1	63.2	0.1
B13	at-grade	62.5	0.3	62.4	0.1	62.3	0.0	62.5	0.2	62.6	0.3	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.0	62.4	0.0	62.5	0.1	62.6	0.2	62.5	0.1	62.4	0.0
B13	3	62.5	0.4	62.3	0.2	62.2	0.1	62.4	0.3	62.7	0.6	62.4	0.2	62.5	0.2	62.4	0.1	62.3	0.0	62.3	0.0	62.4	0.1	62.5	0.2	62.4	0.1	62.3	0.1
B13	5	62.3	0.3	62.1	0.1	62.1	0.0	62.2	0.2	62.5	0.4	62.2	0.1	62.3	0.1	62.2	0.1	62.2	0.1	62.2	0.0	62.3	0.1	62.5	0.3	62.3	0.1	62.2	0.1
B13	10	62.2	0.2	62.0	0.1	62.0	0.0	62.1	0.1	62.3	0.3	62.1	0.1	62.1	0.1	62.1	0.0	62.1	0.1	62.1	0.0	62.2	0.1	62.4	0.3	62.2	0.1	62.1	0.1
B13	top floor	62.0	0.2	61.8	0.1	61.8	0.0	61.9	0.1	62.1	0.3	62.0	0.1	61.9	0.1	61.9	0.0	61.9	0.0	61.9	0.0	62.0	0.1	62.1	0.2	62.0	0.1	62.0	0.1
B14	at-grade	63.6	0.2	63.5	0.1	63.5	0.0	63.6	0.1	63.8	0.4	63.6	0.1	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.1	63.7	0.2	63.6	0.1	63.5	0.0
B14	3	63.4	0.2	63.4	0.1	63.3	0.0	63.5	0.2	63.8	0.5	63.5	0.1	63.4	0.1	63.4	0.1	63.4	0.0	63.4	0.0	63.5	0.2	63.6	0.3	63.5	0.1	63.4	0.1
B14	5	63.4	0.2	63.3	0.1	63.2	0.1	63.4	0.2	63.7	0.4	63.4	0.1	63.3	0.1	63.3	0.1	63.3	0.0	63.3	0.0	63.4	0.1	63.5	0.2	63.4	0.1	63.3	0.0
B14	10	63.2	0.2	63.2	0.1	63.1	0.0	63.2	0.1	63.5	0.4	63.3	0.1	63.3	0.1	63.2	0.1	63.2	0.0	63.2	0.0	63.2	0.1	63.3	0.1	63.2	0.1	63.2	0.0
B14	top floor	63.0	0.1	63.0	0.1	63.0	0.0	63.0	0.1	63.2	0.3	63.1	0.1	63.1	0.1	63.0	0.1	63.0	0.0	63.0	0.0	63.0	0.1	63.1	0.1	63.1	0.1	63.0	0.0
B15	at-grade	63.4	0.1	63.4	0.1	63.4	0.1	63.5	0.1	63.8	0.4	63.5	0.2	63.5	0.1	63.4	0.1	63.4	0.0	63.4	0.0	63.4	0.0	63.5	0.1	63.5	0.1	63.4	0.0
B15	3	63.3	0.2	63.3	0.1	63.3	0.1	63.3	0.1	63.7	0.5	63.4	0.2	63.4	0.2	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.1	63.4	0.2	63.4	0.1	63.3	0.0
B15	5	63.3	0.2	63.2	0.1	63.2	0.1	63.2	0.1	63.6	0.5	63.3	0.2	63.3	0.2	63.2	0.1	63.2	0.0	63.2	0.0	63.2	0.1	63.3	0.1	63.3	0.1	63.2	0.0
B15	10	63.1	0.2	63.1	0.1	63.1	0.1	63.1	0.1	63.4	0.4	63.2	0.2	63.2	0.2	63.1	0.1	63.1	0.0	63.1	0.0	63.1	0.0	63.2	0.1	63.1	0.1	63.1	0.0
B15	top floor	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	63.1	0.3	63.0	0.2	63.0	0.1	62.9	0.1	62.9	0.0	62.9	0.0	62.9	0.0	63.0	0.1	63.0	0.1	62.9	0.0
B16	at-grade	64.2	0.1	64.2	0.1	64.2	0.0	64.2	0.1	64.4	0.3	64.3	0.1	64.3	0.1	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0
B16	3	64.1	0.2	64.1	0.1	64.1	0.1	64.1	0.1	64.3	0.3	64.2	0.2	64.2	0.2	64.2	0.1	64.1	0.0	64.1	0.0	64.2	0.1	64.1	0.1	64.1	0.1	64.1	0.0
B16	5	64.1	0.2	64.0	0.1	64.0	0.1	64.0	0.1	64.2	0.3	64.1	0.2	64.1	0.2	64.1	0.1	64.0	0.0	64.0	0.0	64.0	0.1	64.1	0.1	64.0	0.1	64.0	0.0
B16	10	63.9	0.1	63.9	0.1	63.9	0.1	63.9	0.1	64.1	0.3	64.0	0.2	64.0	0.2	63.9	0.1	63.9	0.0	63.9	0.0	63.9	0.0	64.0	0.1	63.9	0.0	63.9	0.0
B16	top floor	63.7	0.1	63.7	0.1	63.7	0.1	63.7	0.1	63.9	0.2	63.8	0.2	63.8	0.2	63.8	0.1	63.7	0.0	63.7	0.0	63.7	0.0	63.8	0.1	63.7	0.0	63.7	0.0
B17	at-grade	64.3	0.2	64.3	0.1	64.2	0.1	64.3	0.1	64.4	0.2	64.4	0.2	64.4	0.2	64.4	0.1	64.3	0.0	64.3	0.0	64.3	0.1	64.4	0.1	64.4	0.1	64.3	0.0
B17	3	64.4	0.4	64.2	0.2	64.2	0.2	64.3	0.2	64.4	0.3	64.7	0.6	64.9	0.8	64.5	0.3	64.2	0.1	64.2	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1
B17	5	64.3	0.3	64.4	0.4	64.1	0.2	64.2	0.2	64.3	0.3	64.6	0.6	64.8	0.8	64.4	0.4	64.1	0.1	64.1	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1
B17	10	64.1	0.3	64.2	0.4	64.0	0.2	64.1	0.2	64.2	0.3	64.5	0.6	64.6	0.7	64.2	0.3	64.0	0.1	64.0	0.0	64.0	0.1	64.1	0.1	64.0	0.1	64.0	0.1
B17	top floor	63.9	0.2	64.0	0.3	63.8	0.1	63.9	0.2	64.0	0.3	64.2	0.5	64.3	0.6	64.0	0.3	63.8	0.0	63.8	0.0	63.8	0.1	63.9	0.1	63.9	0.1	63.8	0.0
B18	at-grade	64.9	0.8	65.4	1.2	64.2	0.1	64.4	0.2	64.3	0.2	64.6	0.5	64.6	0.4	64.3	0.2	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1
B18	3	68.6	4.6	68.3	4.3	66.7	2.7	66.1	2.1	64.7	0.7	69.8	5.8	71.8	7.8	67.7	3.7	64.2	0.2	64.2	0.2	64.3	0.2	64.3	0.2	64.3	0.2	64.3	0.2
B18	5	68.7	4.8	69.9	6.0	66.6	2.7	66.0	2.1	64.7	0.8	70.6	6.6	71.7	7.8	67.6	3.6	64.1	0.2	64.1	0.2	64.2	0.2	64.2	0.2	64.2	0.2	64.2	0.2
B18	10	68.4	4.6	69.6	5.8	66.3	2.5	65.9	2.0	64.6	0.8	71.1	7.3	70.9	7.1	67.1	3.3	64.0	0.1	64.0	0.1	64.0	0.1	64.1	0.2	64.0	0.1	64.0	0.1
B18	top floor	67.6	4.0	68.9	5.3	65.7	2.1	65.5	1.8	64.3	0.7	70.7	7.0	69.7	6.1	66.4	2.7	63.8	0.1	63.8	0.1	63.8	0.1	63.8	0.1	63.8	0.1	63.8	0.1
C1	at-grade	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0
C1	3	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.9	0.1	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0
C1	5	65.1	0.1	65.0	0.0	65.0	0.0	65.1	0.0	65.2	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0
C1	10	64.3	0.1	64.2	0.0	64.2	0.0	64.3	0.0	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.1	64.3	0.0
C1	15	63.5	0.1	63.4	0.0	63.4	0.0	63.5	0.0	63.5	0.1	63.5	0.1	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.1	63.5	0.0	63.5	0.0
C1	20	62.7	0.1	62.7	0.1	62.7	0.0	62.7	0.1	62.9	0.3	62.8	0.2	62.7	0.1	62.7	0.1	62.7	0.0	62.7	0.0	62.8	0.1	62.9	0.2	62.7	0.1	62.7	0.0
C1	25	61.9	0.2	62.0	0.2	61.9	0.1	62.0	0.2	62.2	0.4	62.1	0.2	62.0	0.1	61.9	0.1	61.9	0.1	61.9	0.0	62.0	0.1	62.1	0.2	62.0	0.1	61.9	0.0
C1	top floor	61.3	0.4	61.6	0.7	61.1	0.2	61.8	0.9	61.9	1.0	61.8	0.9	61.2	0.2	61.0	0.1	61.2	0.2	61.1	0.1	61.3	0.3	61.4	0.4	61.1	0.1	61.0	0.0

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
C2	at-grade	66.6	0.1	66.8	0.2	67.1	0.5	67.2	0.7	68.0	1.4	68.2	1.6	67.9	1.3	66.7	0.1	66.7	0.1	66.8	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0
C2	3	65.7	0.0	71.0	5.2	70.6	4.9	71.8	6.0	76.0	10.3	75.0	9.2	76.0	10.2	65.9	0.1	65.9	0.2	66.0	0.2	65.9	0.0	65.9	0.1	65.9	0.0	65.9	0.0
C2	5	64.9	0.1	71.4	6.5	70.6	5.6	71.6	6.7	75.8	10.8	74.0	9.0	74.6	9.6	65.1	0.1	65.1	0.2	65.2	0.2	65.1	0.0	65.1	0.1	65.1	0.0	65.1	0.0
C2	10	64.2	0.1	70.1	6.0	70.1	5.9	71.2	7.0	75.0	10.8	73.3	9.1	72.3	8.1	64.3	0.1	64.3	0.7	64.9	0.7	64.3	0.1	64.4	0.1	64.3	0.0	64.3	0.0
C2	15	63.4	0.1	68.9	5.6	69.4	6.1	70.5	7.2	74.0	10.6	73.6	10.3	70.7	7.3	63.7	0.3	63.5	1.7	65.1	1.7	63.5	0.1	63.6	0.1	63.5	0.0	63.5	0.0
C2	20	62.6	0.1	67.8	5.3	68.6	6.1	69.7	7.2	73.0	10.4	72.9	10.3	70.7	8.1	62.9	0.3	62.7	1.8	64.4	1.8	62.7	0.1	62.8	0.1	62.7	0.0	62.7	0.0
C2	25	61.8	0.2	66.7	4.9	67.8	6.1	68.9	7.2	71.9	10.2	71.4	9.6	71.0	9.3	62.1	0.3	61.9	1.5	63.3	1.5	61.9	0.1	62.0	0.1	61.9	0.0	61.9	0.0
C2	top floor	61.0	0.2	65.6	4.8	66.9	6.1	68.1	7.2	71.0	10.1	70.3	9.4	70.3	9.4	61.2	0.3	61.1	1.3	62.3	1.4	61.2	0.2	61.3	0.3	61.0	0.0	61.0	0.0
C3	at-grade	66.5	0.0	66.8	0.3	67.4	0.8	67.8	1.2	68.4	1.8	67.1	0.5	66.8	0.2	66.7	0.1	66.7	0.1	66.7	0.1	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0
C3	3	65.7	0.0	67.8	2.1	69.7	4.0	71.0	5.3	72.7	6.9	67.0	1.2	66.2	0.4	65.9	0.1	65.9	0.1	65.9	0.1	65.9	0.0	66.0	0.1	65.9	0.0	65.9	0.0
C3	5	64.9	0.0	68.4	3.5	70.6	5.6	71.8	6.9	74.1	9.1	66.7	1.7	65.7	0.7	65.1	0.1	65.2	0.1	65.3	0.3	65.3	0.3	65.4	0.3	65.1	0.1	65.1	0.0
C3	10	64.2	0.1	67.9	3.7	70.2	6.1	71.5	7.3	72.9	8.7	66.6	2.5	65.5	1.3	64.3	0.1	64.4	0.1	64.6	0.4	64.7	0.5	64.9	0.6	64.3	0.1	64.3	0.0
C3	15	63.4	0.1	66.9	3.6	69.4	6.1	70.7	7.3	71.8	8.4	67.2	3.8	64.6	1.2	63.6	0.2	63.6	0.2	64.0	0.5	64.0	0.6	64.2	0.7	63.6	0.1	63.5	0.0
C3	20	62.6	0.1	65.9	3.4	68.6	6.0	69.8	7.3	70.6	8.1	66.9	4.3	64.2	1.6	63.2	0.6	62.8	0.4	63.3	0.7	63.3	0.6	63.5	0.8	62.8	0.1	62.7	0.0
C3	25	61.8	0.1	64.9	3.2	67.5	5.8	68.8	7.0	69.3	7.6	66.3	4.5	63.4	1.6	62.5	0.7	62.0	0.6	62.7	0.9	62.6	0.7	62.7	0.8	62.0	0.1	61.9	0.0
C3	top floor	60.9	0.1	64.0	3.2	66.6	5.8	67.9	7.0	68.4	7.6	65.5	4.6	63.9	3.0	61.7	0.8	61.1	0.6	62.0	1.0	62.0	1.1	62.1	1.2	61.1	0.1	61.0	0.0
C4	at-grade	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.1	66.7	0.1	66.7	0.2	66.7	0.2	66.6	0.0	66.7	0.0	67.0	0.4	67.4	0.8	67.3	0.6	66.7	0.1	66.7	0.0
C4	3	65.8	0.1	65.8	0.1	65.8	0.1	65.8	0.1	66.0	0.2	66.0	0.3	66.0	0.2	65.8	0.0	66.0	0.1	66.8	1.0	67.6	1.8	67.2	1.3	65.9	0.1	65.9	0.0
C4	5	64.9	0.0	65.0	0.1	65.0	0.1	65.1	0.2	65.2	0.3	65.3	0.4	65.3	0.3	65.0	0.1	65.3	0.1	66.9	1.9	68.5	3.5	67.6	2.6	65.3	0.3	65.1	0.1
C4	10	64.1	0.0	64.2	0.1	64.3	0.2	64.4	0.2	64.5	0.4	64.6	0.5	64.6	0.4	64.2	0.1	64.8	0.1	67.0	2.8	69.2	5.0	68.5	4.2	64.7	0.5	64.3	0.1
C4	15	63.3	0.0	63.4	0.1	63.5	0.2	63.6	0.3	63.8	0.4	63.9	0.5	63.8	0.4	63.4	0.1	64.1	0.1	66.5	3.1	68.8	5.4	68.4	5.0	64.0	0.6	63.5	0.1
C4	20	62.5	0.1	62.6	0.1	62.8	0.2	62.8	0.3	63.0	0.4	63.1	0.6	63.0	0.5	62.6	0.1	63.3	0.1	65.8	3.2	68.2	5.6	67.8	5.2	63.2	0.6	62.7	0.1
C4	25	61.7	0.1	61.8	0.1	62.0	0.2	62.0	0.3	62.2	0.4	62.3	0.6	62.3	0.5	61.8	0.1	62.5	0.1	65.0	3.2	67.4	5.6	67.0	5.2	62.4	0.6	61.9	0.1
C4	top floor	60.9	0.1	61.0	0.2	61.2	0.4	61.3	0.5	61.6	0.8	61.8	1.0	62.0	1.1	61.0	0.1	61.6	0.1	64.3	3.4	66.7	5.8	66.2	5.3	61.5	0.6	61.0	0.1
D1	at-grade	63.5	0.1	63.8	0.4	64.0	0.5	64.0	0.6	64.9	1.5	64.0	0.5	63.7	0.2	63.5	0.1	63.6	0.0	64.2	0.8	65.0	1.5	64.5	1.0	63.6	0.1	63.6	0.1
D1	3	65.2	0.1	65.7	0.5	65.9	0.8	66.1	0.9	67.4	2.3	65.8	0.7	65.4	0.2	65.2	0.0	65.4	0.0	66.3	1.1	67.3	2.1	66.6	1.5	65.3	0.1	65.2	0.0
D1	5	66.5	0.0	67.2	0.6	67.4	0.9	67.6	1.1	69.1	2.5	67.1	0.6	66.7	0.2	66.6	0.0	66.8	0.0	68.1	1.5	69.3	2.7	68.1	1.5	66.7	0.1	66.6	0.0
D1	10	69.1	0.0	69.7	0.5	69.8	0.7	69.9	0.8	70.9	1.8	69.5	0.4	69.4	0.2	69.2	0.0	69.3	0.0	70.3	1.1	71.3	2.1	70.8	1.6	69.3	0.1	69.2	0.0
D1	15	69.2	0.0	69.8	0.6	69.9	0.7	70.0	0.8	70.8	1.6	69.8	0.5	69.5	0.3	69.3	0.0	69.5	0.0	70.3	1.0	71.2	1.9	71.1	1.8	69.4	0.1	69.3	0.0
D1	20	68.8	0.0	69.4	0.6	69.5	0.6	69.6	0.8	70.4	1.5	69.4	0.6	69.4	0.5	68.9	0.0	69.0	0.0	69.9	1.0	70.8	1.9	70.7	1.8	69.0	0.1	68.9	0.0
D1	25	68.3	0.0	68.9	0.5	69.0	0.6	69.1	0.7	69.8	1.5	69.1	0.8	69.0	0.7	68.4	0.0	68.5	0.0	69.3	1.0	70.2	1.8	70.1	1.7	68.5	0.1	68.4	0.0
D1	top floor	68.2	0.0	68.7	0.5	68.8	0.6	68.9	0.7	69.6	1.4	69.1	0.9	68.9	0.7	68.3	0.0	68.4	0.0	69.1	0.8	70.0	1.7	69.8	1.5	68.4	0.1	68.3	0.0
D2	at-grade	64.0	0.1	64.8	0.8	65.6	1.7	66.4	2.4	67.9	3.9	65.4	1.4	64.4	0.4	64.1	0.1	64.1	0.1	64.1	0.1	64.1	0.1	64.2	0.1	64.1	0.0	64.1	0.0
D2	3	66.7	0.1	68.0	1.4	69.2	2.6	70.3	3.7	71.9	5.2	68.3	1.6	67.0	0.3	66.8	0.1	66.8	0.0	66.8	0.1	66.8	0.0	66.8	0.1	66.8	0.0	66.8	0.0
D2	5	66.9	0.1	68.9	2.1	70.5	3.7	72.0	5.1	73.6	6.7	69.4	2.5	67.4	0.5	67.0	0.1	67.0	0.0	67.0	0.1	67.0	0.1	67.0	0.1	67.0	0.0	67.0	0.0
D2	10	66.3	0.1	69.1	2.9	71.6	5.3	72.7	6.4	74.2	7.9	69.5	3.2	67.3	1.0	66.4	0.1	66.4	0.0	66.4	0.1	66.4	0.1	66.5	0.1	66.4	0.0	66.4	0.0
D2	15	65.3	0.1	68.3	3.0	70.7	5.4	71.8	6.5	73.3	8.0	69.5	4.2	66.5	1.2	65.4	0.1	65.4	0.1	65.4	0.1	65.5	0.1	65.5	0.1	65.4	0.0	65.4	0.0
D2	20	64.1	0.1	67.3	3.2	69.4	5.3	70.6	6.5	72.2	8.1	68.7	4.6	65.9	1.8	64.2	0.1	64.2	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0
D2	25	62.9	0.1	66.2	3.4	68.1	5.3	69.3	6.4	71.0	8.1	67.9	5.0	65.5	2.6	63.1	0.2	63.0	0.2	63.2	0.3	63.1	0.1	63.1	0.2	63.0	0.0	63.0	0.0
D2	top floor	62.1	0.1	65.4	3.4	67.2	5.1	68.4	6.3	70.1	8.1	67.8	5.7	65.2	3.1	62.4	0.3	62.2	0.2	62.4	0.3	62.4	0.2	62.5	0.3	62.2	0.0	62.2	0.0
D3	at-grade	68.6	0.1	68.7	0.2	68.9	0.4	69.2	0.6	69.3	0.7	69.1	0.5	68.7	0.1	68.7	0.0	68.7	0.0	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.0	68.7	0.0
D3	3	69.9	0.1	70.1	0.3	70.4	0.5	70.9	1.0	70.9	1.1	70.8	0.9	70.0	0.1	70.0	0.1	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.1	70.0	0.0	70.0	0.0
D3	5	69.5	0.1	69.9	0.5	70.4	0.9	71.2	1.8	71.4	1.9	71.1	1.6	69.6	0.1	69.6	0.1	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.1	69.6	0.0	69.6	0.0
D3	10	68.0	0.1	68.6	0.6	70.1	2.1	71.0	3.0	71.1	3.1	70.8	2.8	68.1	0.1	68.1	0.1	68.1	0.0	68.1	0.1	68.1	0.1	68.2	0.1	68.1	0.0	68.1	0.0
D3	15	66.5	0.1	67.2	0.8	69.4	3.0	70.4	3.9	70.4	3.9	69.7	3.2	66.7	0.1	66.6	0.1	66.6	0.0	66.6	0.0	66.6	0.1	66.7	0.1	66.6	0.0	66.6	0.0
D3	20	65.3	0.1	66.1	0.9	68.4	3.2	69.4	4.1	69.5	4.2	68.7	3.4	65.5	0.2	65.4	0.1	65.4	0.0	65.4	0.0	65.4	0.1	65.5	0.1	65.4	0.0	65.4	0.0
D3	25	64.0	0.1	64.9	0.9	67.1	3.2	68.2	4.3	68.2	4.3	67.5	3.5	64.2	0.2	64.1	0.1	64.1	0.1	64.1	0.1	64.1	0.1	64.2	0.1	64.1	0.0	64.1	0.0
D3	top floor	63.1	0.1	64.0	1.0	66.2	3.1	67.3	4.2	67.3	4.3	66.8	3.7	63.6	0.5	63.2	0.1	63.3	0.1	63.2	0.1	63.3	0.1	63.4	0.2	63.2	0.1	63.2	0.0
D4	at-grade	64.0	0.1	64.0	0.0	64.0	0.1	64.0	0.1	64.1	0.1	64.1	0.2	64.1	0.1	64.0	0.1	64.2	0.0	64.2	0.2	64.4	0.4	64.7	0.7	64.1	0.1	64.1	0.1
D4	3	66.5	0.1	66.5	0.0	66.5	0.1	66.5	0.1	66.6	0.1	66.6	0.1	66.6	0.1	66.5	0.0	66.7	0.0	66.7	0.2	67.0	0.5	67.4	0.9	66.6	0.1	66.6	0.0
D4	5	66.6	0.0	66.7	0.0	66.7	0.1	66.7	0.1	66.8	0.1	66.8	0.1	66.8	0.1	66.7	0.0	66.9	0.0	67.1	0.4	67.8	1.1	68.1	1.4	66.9	0.2	66.8	0.1
D4	10	66.0	0.0	66.1	0.0	66.1	0.1	66.1	0.1	66.2	0.1	66.2	0.2	66.2	0.1	66.1	0.0	66.4	0.0	67.0	0.9	68.0	1.9	68.3	2.2	66.3	0.2	66.2	0.1
D4	15	64.9	0.0	65.0	0.1	65.0	0.1	65.1	0.1	65.1	0.2	65.2	0.2	65.1	0.1	65.0	0.0	65.3	0.0	66.1	1.1	67.3	2.2	67.7	2.7	65.3	0.2	65.1	0.1
D4	20	64.0	0.0	64.1	0.1	64.1	0.1	64.2	0.1	64.2	0.2	64.3	0.2	64.2	0.1	64.1	0.0	64.4	0.0	65.3	1.2	66.5	2.4	67.0	2.8	64.4	0.3	64.2	0.1
D4	25	63.0	0.0	63.1	0.1	63.2	0.1	63.2	0.1	63.3	0.2	63.3	0.3	63.3	0.2	63.1	0.1	63.4	0.0	64.3	1.2	65.6	2.5	66.0	2.9	63.4	0.3	63.2	0.1
D4	top floor	62.2	0.0	62.3	0.1	62.4	0.2	62.5	0.2	62.6	0.4	62.7	0.5	62.7	0.5	62.3	0.1	62.7	0.1	63.6	1.3	64.9	2.6	65.3	2.9	62.6	0.3	62.5	0.2
E1	at-grade	63.4	0.0	63.6	0.2	63.9	0.5	64.1	0.7	64.4	1.0	63.8	0.3	63.7	0.2	63.5	0.0	63.7	0.0	63.6	0.1	63.7	0.2	63.9	0.3	63.6	0.1	63.6	0.1
E1	3	65.2	0.0	65.5	0.2	65.8	0.5	66.0	0.7	66.3	1.0	65.6	0.3	65.5	0.2	65.3	0.0	65.5	0.0	65.5	0.2	66.6	1.2	66.9	1.6	65.5	0.1	65.4	0.1
E1	5	66.8	0.0	67.1	0.3	67.5	0.6	67.8	0.9	68.1	1.3	67.2	0.3	67.1	0.2	66.9	0.0	67.2	0.0	67.3	0.4	68.0	1.1	68.5	1.6	67.1	0.2	67.0	0.1
E1	10	66.9	0.0	67.3	0.4	67.7	0.8	68.0	1.1	68.4	1.4	67.4	0.4	67.3	0.3	67.0	0.0	67.2	0.0	67.3	0.3	68.2	1.2	68.4	1.4	67.2	0.2	67.1	0.0
E1	15	66.4	0.0	66.9	0.5	67.4	0.9	67.7	1.3	68.1	1.7	67.1	0.6	66.9	0.4	66.5	0.0	66.7	0.0	66.8	0.3	67.5	1.0	67.8	1.3	66.7	0.1	66.6	0.0
E1	20	65.6	0.0	66.2	0.6	66.7	1.1	67.1	1.4	67.5	1.8	66.4	0.8	66.2	0.5	65.7	0.0	65.9	0.0	66.0	0.3	66.7	1.0	66.9	1.2	65.9	0.1	65.8	0.0
E1	25	64.7	0.0	65.4	0.7	65.9	1.2	66.3	1.6	66.8	2.0	65.7	0.9	65.4	0.6	64.8	0.0	65.0	0.0	65.1	0.3	65.7	0.9	65.9	1.1	64.9	0.1	65.0	0.1
E1	top floor	64.1	0.1	64.8	0.8	65.3	1.3	65.7	1.7	66.2	2.1	65.2	1.2	64.8	0.7	64.1	0.0	64.4	0.0	64.5	0.4	65.1	1.0	65.3	1.1	64.2	0.1	64.3	0.1

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Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
C2	at-grade	66.7	0.0	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0
C2	3	66.0	0.1	66.0	0.1	65.9	0.0	66.0	0.0	66.0	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.0	66.1	0.0	66.1	0.0	66.2	0.1	66.1	0.0	66.1	0.0
C2	5	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.1	65.2	0.0	65.3	0.1	65.3	0.1	65.3	0.0	65.3	0.0	65.3	0.0	65.4	0.1	65.3	0.0	65.3	0.0
C2	10	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.0	64.4	0.1	64.4	0.0	64.5	0.0	64.4	0.0	64.4	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0
C2	15	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.0	63.6	0.1	63.6	0.0	63.7	0.0	63.6	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0
C2	20	62.8	0.1	62.8	0.1	62.8	0.0	62.8	0.1	63.0	0.2	62.9	0.1	62.9	0.1	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.1	62.9	0.0	62.9	0.0
C2	25	62.0	0.1	62.0	0.1	62.0	0.0	62.1	0.1	62.2	0.2	62.1	0.1	62.1	0.1	62.1	0.0	62.1	0.0	62.1	0.0	62.1	0.0	62.1	0.1	62.1	0.0	62.1	0.0
C2	top floor	61.2	0.2	61.3	0.3	61.1	0.1	61.3	0.3	61.5	0.4	61.5	0.4	61.3	0.2	61.2	0.1	61.2	0.0	61.2	0.0	61.2	0.0	61.3	0.1	61.2	0.0	61.2	0.0
C3	at-grade	66.7	0.0	66.7	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0
C3	3	65.9	0.0	65.9	0.0	65.9	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.2	0.1	66.1	0.0	66.1	0.0
C3	5	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.1	65.2	0.0	65.2	0.0	65.2	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.4	0.1	65.3	0.0	65.3	0.0
C3	10	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.0	64.4	0.1	64.4	0.0	64.5	0.0	64.4	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.1	64.5	0.0	64.5	0.0
C3	15	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.0	63.6	0.1	63.6	0.0	63.7	0.0	63.6	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.1	63.7	0.0	63.7	0.0
C3	20	62.7	0.1	62.7	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.9	0.0	62.8	0.0	62.9	0.0	62.9	0.0	62.9	0.0	63.0	0.1	62.9	0.0	62.9	0.0
C3	25	61.9	0.1	61.9	0.0	62.0	0.0	62.0	0.0	62.1	0.1	62.0	0.1	62.1	0.0	62.0	0.0	62.1	0.0	62.1	0.0	62.1	0.0	62.2	0.1	62.1	0.0	62.1	0.0
C3	top floor	61.1	0.1	61.1	0.0	61.1	0.0	61.1	0.0	61.2	0.1	61.2	0.1	61.2	0.1	61.2	0.0	61.2	0.0	61.2	0.0	61.2	0.1	61.3	0.1	61.2	0.0	61.2	0.0
C4	at-grade	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0
C4	3	65.9	0.1	65.9	0.1	65.9	0.0	65.9	0.0	65.9	0.0	66.0	0.1	66.0	0.1	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0
C4	5	65.1	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.1	65.2	0.0	65.2	0.1	65.2	0.1	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0
C4	10	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.1	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.1	64.4	0.0	64.4	0.0
C4	15	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.1	63.6	0.0	63.6	0.0
C4	20	62.7	0.1	62.7	0.0	62.7	0.0	62.7	0.1	62.8	0.1	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.1	63.0	0.2	62.8	0.1	62.8	0.0
C4	25	61.9	0.1	61.9	0.0	61.9	0.0	62.0	0.1	62.0	0.1	62.0	0.1	62.0	0.0	62.0	0.0	62.0	0.0	62.0	0.0	62.1	0.1	62.2	0.2	62.1	0.1	62.0	0.0
C4	top floor	61.1	0.1	61.0	0.1	61.0	0.0	61.1	0.1	61.2	0.2	61.1	0.1	61.1	0.1	61.1	0.0	61.2	0.1	61.1	0.0	61.3	0.2	61.4	0.3	61.2	0.1	61.1	0.0
D1	at-grade	63.6	0.1	63.6	0.1	63.5	0.0	63.6	0.0	63.6	0.0	63.6	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.1	63.7	0.1	63.6	0.0	63.6	0.0
D1	3	65.3	0.1	65.3	0.1	65.2	0.0	65.2	0.0	65.3	0.0	65.3	0.1	65.3	0.1	65.3	0.1	65.3	0.0	65.3	0.0	65.5	0.2	65.5	0.2	65.3	0.0	65.3	0.0
D1	5	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.8	0.1	66.8	0.1	66.7	0.0	66.7	0.0
D1	10	69.2	0.0	69.2	0.0	69.2	0.0	69.2	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0
D1	15	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0
D1	20	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0
D1	25	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.1	68.6	0.1	68.5	0.0	68.5	0.0
D1	top floor	68.3	0.0	68.3	0.0	68.3	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.5	0.1	68.4	0.0	68.4	0.0	68.4	0.0
D2	at-grade	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.1	64.4	0.1	64.3	0.0
D2	3	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.1	67.1	0.1	67.1	0.1	67.0	0.0
D2	5	67.0	0.0	67.0	0.0	67.1	0.0	67.1	0.0	67.1	0.1	67.1	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.1	67.3	0.1	67.3	0.1	67.2	0.0
D2	10	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0
D2	15	65.4	0.0	65.4	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.6	0.0	65.5	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0
D2	20	64.2	0.0	64.2	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0
D2	25	63.0	0.0	63.0	0.0	63.1	0.0	63.1	0.0	63.1	0.0	63.1	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0
D2	top floor	62.2	0.0	62.2	0.0	62.3	0.0	62.3	0.0	62.3	0.1	62.3	0.0	62.4	0.0	62.4	0.0	62.4	0.0	62.4	0.0	62.4	0.0	62.4	0.0	62.4	0.0	62.4	0.0
D3	at-grade	68.7	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0
D3	3	70.0	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0
D3	5	69.6	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0
D3	10	68.1	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
D3	15	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0
D3	20	65.4	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0
D3	25	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.1	64.3	0.0	64.3	0.0	64.3	0.0
D3	top floor	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.1	63.4	0.0	63.4	0.0	63.4	0.0	63.4	0.0	63.4	0.0	63.4	0.1	63.5	0.1	63.4	0.0	63.4	0.0
D4	at-grade	64.1	0.1	64.1	0.1	64.1	0.0	64.1	0.0	64.2	0.0	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1
D4	3	66.6	0.1	66.6	0.1	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.1	66.7	0.0	66.8	0.1	66.9	0.2	66.8	0.1	66.8	0.1
D4	5	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.1	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.1	66.9	0.0	67.0	0.1	67.1	0.2	67.0	0.1	67.0	0.1
D4	10	66.2	0.1	66.2	0.0	66.2	0.0	66.3	0.1	66.3	0.1	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0
D4	15	65.1	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.1	65.2	0.0	65.2	0.0	65.2	0.0
D4	20	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.5	0.2	64.4	0.1	64.4	0.1	64.3	0.0
D4	25	63.2	0.1	63.2	0.0	63.2	0.0	63.2	0.0	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	64.1	0.8	63.7	0.4	63.4	0.1	63.3	0.0
D4	top floor	62.5	0.2	62.4	0.0	62.4	0.0	62.4	0.0	62.5	0.1	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	63.6	1.1	63.0	0.5	62.6	0.1	62.5	0.0
E1	at-grade	63.6	0.1	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.0	63.7	0.1	63.9	0.2	63.9	0.2	63.8	0.1
E1	3	65.4	0.1	65.4	0.0	65.4	0.0	65.4	0.0	65.4	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.6	0.1	65.5	0.0	65.5	0.1	65.9	0.4	65.8	0.3	65.6	0.1
E1	5	67.0	0.1	67.0	0.0	67.0	0.0	67.1	0.1	67.1	0.1	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.1	67.1	0.0	67.1	0.0	67.3	0.2	67.3	0.2	67.2	0.1
E1	10	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.2	0.0	67.1	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0
E1	15	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0
E1	20	65.8	0.1	65.8	0.0	65.8	0.0	65.8	0.0	65.9	0.1	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	66.0	0.1	66.0	0.1	65.9	0.0	65.9	0.0
E1	25	65.0	0.1	64.9	0.0	64.9	0.0	64.9	0.0	65.0	0.1	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.1	65.1	0.1	65.0	0.0	65.0	0.0
E1	top floor	64.3	0.1	64.2	0.1	64.2	0.0	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0	64.5	0.2	64.4	0.1	64.3	0.0	64.3	0.0

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
E2	at-grade	64.7	0.0	64.8	0.0	64.8	0.0	64.8	0.1	64.9	0.1	64.9	0.1	64.9	0.1	64.8	0.0	65.0	0.0	64.9	0.1	64.9	0.1	65.0	0.2	64.9	0.1	64.9	0.1
E2	3	67.1	0.0	67.2	0.1	67.3	0.1	67.3	0.2	67.4	0.2	67.2	0.1	67.2	0.1	67.2	0.0	67.3	0.0	67.3	0.1	67.3	0.1	67.4	0.2	67.3	0.0	67.3	0.0
E2	5	68.3	0.0	68.4	0.1	68.5	0.1	68.5	0.1	68.6	0.2	68.4	0.1	68.4	0.1	68.4	0.0	68.5	0.0	68.5	0.1	68.5	0.1	68.6	0.2	68.5	0.1	68.5	0.0
E2	10	67.9	0.0	68.0	0.1	68.1	0.1	68.1	0.2	68.2	0.2	68.1	0.1	68.0	0.1	68.0	0.0	68.1	0.0	68.1	0.1	68.1	0.1	68.2	0.2	68.1	0.1	68.1	0.0
E2	15	67.1	0.0	67.3	0.1	67.3	0.2	67.4	0.2	67.5	0.3	67.3	0.1	67.3	0.1	67.2	0.0	67.3	0.0	67.3	0.1	67.3	0.1	67.4	0.2	67.3	0.1	67.3	0.0
E2	20	66.2	0.0	66.4	0.1	66.5	0.2	66.6	0.3	66.7	0.4	66.4	0.2	66.4	0.1	66.3	0.0	66.4	0.0	66.4	0.1	66.4	0.1	66.5	0.2	66.4	0.1	66.4	0.0
E2	25	65.2	0.0	65.4	0.2	65.6	0.3	65.6	0.4	65.7	0.5	65.5	0.2	65.4	0.1	65.3	0.0	65.4	0.0	65.4	0.1	65.4	0.1	65.5	0.2	65.4	0.1	65.4	0.0
E2	top floor	64.5	0.0	64.8	0.2	64.9	0.4	65.0	0.5	65.2	0.6	64.9	0.3	64.8	0.2	64.6	0.0	64.7	0.0	64.7	0.1	64.8	0.2	64.8	0.2	64.7	0.1	64.7	0.1
E3	at-grade	63.4	0.0	63.4	0.0	63.5	0.0	63.5	0.0	63.5	0.1	63.5	0.1	63.5	0.1	63.5	0.0	63.8	0.0	64.8	1.4	65.8	2.3	64.5	1.0	63.7	0.2	63.7	0.2
E3	3	65.9	0.0	65.9	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.1	66.0	0.1	66.0	0.0	67.4	0.0	68.8	2.8	70.2	4.3	68.6	2.6	66.8	0.8	66.7	0.7
E3	5	66.8	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.1	66.9	0.1	66.9	0.0	68.4	0.0	70.8	4.0	72.6	5.7	70.4	3.5	68.0	1.1	67.5	0.6
E3	10	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.1	66.5	0.1	66.5	0.1	66.5	0.0	68.1	0.0	70.3	3.8	72.2	5.8	70.7	4.3	67.7	1.2	67.0	0.5
E3	15	65.7	0.0	65.7	0.0	65.8	0.0	65.8	0.0	65.8	0.1	65.8	0.1	65.8	0.1	65.8	0.0	67.4	0.0	69.4	3.6	71.3	5.5	71.7	5.9	66.9	1.1	66.3	0.5
E3	20	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.0	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.0	66.7	0.0	68.5	3.3	70.5	5.3	71.1	5.9	66.2	1.0	65.7	0.5
E3	25	64.2	0.0	64.2	0.0	64.3	0.0	64.3	0.1	64.3	0.1	64.4	0.1	64.3	0.1	64.3	0.0	65.8	0.0	67.2	2.98	69.2	4.9	69.8	5.5	65.2	0.9	64.9	0.6
E3	top floor	63.6	0.0	63.7	0.0	63.7	0.1	63.7	0.1	63.8	0.2	63.9	0.2	63.8	0.1	63.7	0.0	65.3	0.0	66.4	2.7	68.3	4.6	68.7	5.0	64.6	0.9	64.3	0.6
E4	at-grade	63.4	0.0	63.4	0.0	63.4	0.0	63.5	0.0	63.7	0.3	63.7	0.3	63.8	0.3	63.4	0.0	64.1	0.0	65.0	1.5	66.1	2.7	65.2	1.7	63.8	0.4	63.8	0.3
E4	3	67.2	0.0	67.2	0.0	67.2	0.0	67.3	0.0	67.4	0.2	67.4	0.2	67.4	0.2	67.2	0.0	68.2	0.0	71.7	4.5	74.3	7.0	70.2	3.0	68.0	0.8	67.4	0.2
E4	5	68.8	0.0	68.8	0.0	68.9	0.1	68.9	0.1	69.1	0.3	69.0	0.2	69.0	0.2	68.8	0.0	70.3	0.0	73.4	4.5	75.6	6.8	73.8	4.9	70.2	1.4	69.0	0.1
E4	10	69.2	0.0	69.2	0.0	69.3	0.1	69.3	0.1	69.6	0.4	69.4	0.2	69.5	0.3	69.2	0.0	70.0	0.0	72.9	3.6	75.0	5.7	72.7	3.5	69.9	0.7	69.3	0.1
E4	15	68.7	0.0	68.8	0.0	68.8	0.1	68.8	0.1	69.2	0.4	69.0	0.3	69.1	0.3	68.7	0.0	69.4	0.0	71.8	3.1	73.9	5.1	73.9	5.1	69.2	0.5	68.9	0.1
E4	20	68.0	0.0	68.1	0.0	68.1	0.1	68.1	0.1	68.5	0.5	68.4	0.3	68.4	0.4	68.0	0.0	68.8	0.0	70.8	2.8	72.9	4.9	73.0	4.9	68.4	0.4	68.4	0.4
E4	25	67.0	0.0	67.1	0.1	67.1	0.1	67.2	0.2	67.6	0.5	67.4	0.4	67.5	0.5	67.0	0.0	68.1	0.0	69.5	2.4	71.5	4.4	71.3	4.2	67.4	0.3	67.7	0.6
E4	top floor	66.6	0.0	66.7	0.1	66.8	0.2	66.8	0.2	67.2	0.6	67.1	0.5	67.2	0.6	66.6	0.0	67.6	0.0	68.7	2.1	70.6	3.9	70.2	3.5	66.9	0.3	67.2	0.6
F	at-grade	70.5	0.0	70.7	0.2	70.9	0.3	71.1	0.5	71.4	0.9	71.4	0.8	70.7	0.1	70.7	0.1	70.7	0.0	70.6	0.0	70.7	0.0	70.7	0.1	70.7	0.0	70.7	0.0
F	3	71.8	0.0	72.2	0.4	72.4	0.5	72.7	0.9	73.4	1.5	72.8	0.9	72.0	0.1	72.0	0.1	72.0	0.0	71.9	0.0	71.9	0.0	72.0	0.1	72.0	0.0	72.0	0.0
F	5	71.3	0.0	72.1	0.8	72.5	1.2	73.1	1.7	74.0	2.6	72.7	1.4	71.6	0.2	71.5	0.1	71.5	0.0	71.4	0.0	71.5	0.1	71.5	0.1	71.5	0.0	71.5	0.0
F	top floor	70.1	0.1	71.4	1.3	72.3	2.3	73.2	3.2	74.1	4.0	73.4	3.3	70.5	0.4	70.5	0.4	70.2	0.0	70.1	0.0	70.2	0.1	70.3	0.1	70.2	0.0	70.2	0.0
G	at-grade	68.5	0.0	68.7	0.2	68.9	0.3	69.0	0.5	69.6	1.0	69.2	0.6	68.7	0.1	68.6	0.0	68.7	0.0	68.6	0.0	68.6	0.0	68.7	0.0	68.7	0.0	68.7	0.0
G	3	69.9	0.0	70.2	0.2	70.4	0.4	70.5	0.6	71.2	1.2	70.7	0.8	70.1	0.1	70.0	0.1	70.1	0.0	70.0	0.0	70.0	0.0	70.1	0.0	70.1	0.0	70.1	0.0
G	5	69.5	0.0	70.0	0.4	70.3	0.7	70.6	1.0	71.7	2.1	70.7	1.1	69.8	0.2	69.7	0.1	69.7	0.0	69.6	0.0	69.6	0.0	69.7	0.0	69.7	0.0	69.7	0.0
G	top floor	68.7	0.0	69.5	0.8	70.0	1.2	70.5	1.7	71.6	2.9	70.9	2.1	69.1	0.3	68.9	0.1	68.9	0.0	68.8	0.0	68.9	0.0	68.9	0.1	68.9	0.0	68.9	0.0
H	at-grade	69.9	0.0	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.3	0.0	70.1	0.1	70.2	0.2	70.4	0.4	70.2	0.1	70.2	0.1
H	3	72.4	0.0	72.5	0.0	72.5	0.1	72.6	0.1	72.6	0.1	72.6	0.1	72.5	0.0	72.5	0.0	72.8	0.0	72.6	0.1	72.7	0.2	72.9	0.4	72.7	0.1	72.7	0.1
H	top floor	72.8	0.0	72.9	0.0	72.9	0.1	73.0	0.1	73.0	0.2	73.0	0.2	72.9	0.0	72.9	0.0	73.2	0.0	73.0	0.1	73.1	0.2	73.4	0.4	73.1	0.1	73.1	0.1
I	at-grade	65.0	0.0	65.1	0.1	65.1	0.1	65.2	0.2	65.5	0.5	65.4	0.3	65.3	0.2	65.1	0.1	68.0	0.0	66.5	1.4	67.5	2.5	69.3	4.3	66.9	1.8	66.6	1.5
I	3	64.4	0.1	64.5	0.1	64.5	0.2	64.6	0.3	65.5	1.2	65.0	0.6	64.9	0.5	64.4	0.0	72.4	0.0	69.2	4.8	71.4	7.1	74.4	10.0	70.3	5.9	69.6	5.2
I	top floor	63.2	0.1	63.3	0.2	63.4	0.3	63.5	0.4	64.7	1.6	64.1	1.0	64.0	0.8	63.2	0.1	76.2	0.1	72.9	9.7	75.4	12.2	78.4	15.2	73.9	10.7	72.9	9.7
J	at-grade	63.3	0.3	63.2	0.2	63.1	0.1	63.2	0.2	63.6	0.6	63.7	0.6	63.6	0.5	63.2	0.1	65.7	0.1	64.4	1.3	65.6	2.5	67.0	3.9	64.7	1.6	64.5	1.4
J	3	63.4	0.7	63.0	0.3	63.0	0.2	63.1	0.4	63.9	1.2	64.0	1.3	63.9	1.1	62.9	0.2	68.7	0.2	66.2	3.4	68.4	5.6	70.4	7.6	66.7	3.9	66.6	3.8
J	5	62.5	0.9	62.0	0.4	62.0	0.4	62.2	0.6	63.2	1.6	62.8	1.1	62.4	0.8	61.7	0.1	71.2	0.1	67.7	6.1	71.0	9.4	73.2	11.5	68.8	7.1	68.6	6.9
J	top floor	61.7	1.1	61.2	0.6	61.2	0.6	61.5	0.9	63.0	2.3	62.5	1.9	62.1	1.4	60.7	0.1	71.1	0.2	68.3	7.7	71.6	10.9	73.4	12.7	68.7	8.0	68.3	7.6
K	at-grade	62.0	0.1	61.9	0.0	61.9	0.0	61.9	0.0	62.0	0.0	62.0	0.1	62.0	0.1	61.9	0.0	63.3	0.0	62.5	0.5	62.9	1.0	64.1	2.2	62.7	0.8	62.6	0.6
K	3	62.6	1.0	61.6	0.0	61.6	0.0	61.6	0.0	61.7	0.1	61.7	0.1	61.7	0.1	61.7	0.0	63.8	0.0	62.5	0.9	63.2	1.6	65.0	3.4	62.9	1.3	62.7	1.1
K	top floor	61.3	1.5	59.8	0.0	59.8	0.0	59.9	0.0	59.9	0.1	59.9	0.1	60.0	0.2	59.9	0.0	63.5	0.0	61.6	1.8	63.0	3.1	65.3	5.4	62.1	2.3	61.9	2.1
L	at-grade	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	62.9	0.1	63.0	0.1	62.9	0.1	63.0	0.1	63.0	0.1	63.0	0.1	63.0	0.1
L	3	61.8	0.1	61.8	0.1	61.8	0.1	61.8	0.1	61.8	0.1	61.8	0.1	61.9	0.1	61.8	0.1	61.9	0.1	61.9	0.1	61.9	0.1	62.0	0.2	61.9	0.1	61.9	0.1
L	5	60.3	0.1	60.3	0.1	60.3	0.1	60.3	0.1	60.3	0.1	60.4	0.1	60.4	0.1	60.3	0.1	60.4	0.1	60.4	0.1	60.4	0.2	60.5	0.2	60.4	0.1	60.4	0.1
L	10	57.7	0.1	57.7	0.1	57.7	0.1	57.7	0.1	57.8	0.1	57.8	0.2	57.8	0.2	57.7	0.1	57.9	0.1	57.8	0.1	57.8	0.1	58.0	0.3	57.8	0.1	57.8	0.1
L	top floor	56.9	0.1	56.9	0.1	56.9	0.1	56.9	0.1	57.0	0.1	57.0	0.2	57.0	0.2	56.9	0.1	57.1	0.1	57.0	0.1	57.1	0.2	57.3	0.4	57.0	0.1	57.0	0.1
M	at-grade	62.3	0.1	62.3	0.1	62.3	0.1	62.3	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1
M	3	61.0	0.1	61.0	0.1	61.0	0.1	61.0	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1	61.1	0.1
M	5	59.4	0.2	59.3	0.1	59.3	0.1	59.3	0.1	59.4	0.1	59.4	0.2	59.5	0.2	59.4	0.1	59.4	0.1	59.4	0.1	59.4	0.1	59.5	0.1	59.4	0.1	59.4	0.1
M	top floor	56.3	0.3	56.2	0.1	56.2	0.1	56.2	0.1	56.3	0.2	56.4	0.3	56.4	0.3	56.2	0.2	56.3	0.2	56.3	0.2	56.3	0.2	56.4	0.2	56.3	0.1	56.3	0.1
N	at-grade	62.5	0.2	62.4	0.1	62.4	0.1	62.4	0.1	62.5	0.1	62.5	0.2	62.5	0.2	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.1
N	3	61.4	0.2	61.4	0.1	61.4	0.1	61.4	0.1	61.5	0.2	61.5	0.3	61.5	0.3	61.4	0.2	61.4	0.2	61.4	0.2	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1
N	5	60.1	0.4	59.9	0.2	59.9	0.2	59.9	0.2	60.0	0.3	60.1	0.4	60.2	0.4	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2
N	10	57.8	0.7	57.4	0.3	57.4	0.3	57.4	0.3	57.6	0.5	57.7	0.5	57.7	0.6	57.5	0.3	57.5	0.3	57.5	0.3	57.5	0.3	57.5	0.3	57.4	0.3	57.5	0.3
N	top floor	56.8	0.9	56.2	0.3	56.3	0.3	56.3	0.4	56.5	0.5	56.6	0.7	56.7	0.8	56.3	0.4	56.3	0.4	56.4	0.4	56.3	0.3	56.3	0.4	56.3	0.3	56.3	0.3

Construction Nois

Exceed Le

Exceed 3 c

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
E2	at-grade	64.9	0.1	64.9	0.0	64.9	0.0	64.9	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.1	65.0	0.0	65.0	0.0
E2	3	67.3	0.1	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0
E2	5	68.5	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
E2	10	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0
E2	15	67.3	0.1	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0
E2	20	66.4	0.1	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0
E2	25	65.4	0.1	65.4	0.0	65.4	0.0	65.4	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0
E2	top floor	64.7	0.1	64.7	0.0	64.7	0.0	64.7	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.9	0.1	64.8	0.0	64.8	0.0
E3	at-grade	63.7	0.2	63.5	0.0	63.5	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.7	0.1	63.7	0.1	63.6	0.0
E3	3	66.7	0.7	66.0	0.0	66.0	0.0	66.0	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.3	0.2	66.3	0.2	66.2	0.1	66.1	0.0
E3	5	67.5	0.6	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.1	67.1	0.1	67.1	0.1	67.0	0.0
E3	10	67.0	0.5	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.2	66.8	0.2	66.7	0.1	66.6	0.0
E3	15	66.3	0.5	65.8	0.0	65.8	0.0	65.9	0.0	65.9	0.1	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	66.1	0.2	66.1	0.2	66.0	0.1	65.9	0.0
E3	20	65.7	0.5	65.2	0.0	65.2	0.0	65.3	0.0	65.3	0.1	65.3	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.5	0.2	65.5	0.2	65.4	0.1	65.3	0.0
E3	25	64.9	0.6	64.3	0.0	64.3	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.0	64.4	0.1	64.4	0.0	65.1	0.7	65.0	0.6	64.5	0.1
E3	top floor	64.3	0.6	63.7	0.0	63.7	0.0	63.8	0.0	63.8	0.0	63.8	0.0	63.8	0.0	63.8	0.0	63.8	0.0	63.9	0.2	63.9	0.1	65.8	2.0	65.7	1.9	64.0	0.2
E4	at-grade	63.8	0.3	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.1	63.6	0.1
E4	3	67.5	0.2	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.4	0.1	67.3	0.0	67.3	0.0
E4	5	69.0	0.1	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0
E4	10	69.3	0.1	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0
E4	15	68.9	0.1	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0
E4	20	68.4	0.4	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.1	68.1	0.0	68.1	0.0
E4	25	67.7	0.6	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.1	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.2	0.1	67.2	0.1	67.1	0.0	67.1	0.0
E4	top floor	67.3	0.6	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	67.2	0.5	67.1	0.4	66.7	0.0	66.7	0.0
F	at-grade	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0
F	3	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0	72.1	0.0
F	5	71.5	0.0	71.5	0.0	71.5	0.0	71.5	0.0	71.5	0.0	71.6	0.0	71.6	0.0	71.6	0.0	71.6	0.0	71.6	0.0	71.6	0.0	71.7	0.1	71.6	0.0	71.6	0.0
F	top floor	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0	70.3	0.0
G	at-grade	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0
G	3	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0
G	5	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0
G	top floor	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0
H	at-grade	70.2	0.1	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0	70.3	0.1	70.3	0.1	70.2	0.0
H	3	72.7	0.1	72.6	0.0	72.6	0.0	72.6	0.0	72.6	0.0	72.6	0.0	72.7	0.0	72.7	0.0	72.7	0.0	72.7	0.0	72.8	0.1	72.8	0.1	72.8	0.1	72.7	0.0
H	top floor	73.1	0.1	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.1	0.0	73.1	0.0	73.1	0.0	73.1	0.0	73.2	0.1	73.2	0.1	73.2	0.1	73.1	0.0
I	at-grade	66.7	1.6	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.6	0.5	65.2	0.1	65.6	0.4	66.6	1.4	65.9	0.7
I	3	69.6	5.2	64.4	0.0	64.4	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	65.7	1.2	64.6	0.1	65.2	0.7	67.2	2.7	66.0	1.5
I	top floor	72.9	9.7	63.2	0.0	63.2	0.0	63.3	0.0	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	65.2	1.9	63.6	0.4	64.9	1.6	68.0	4.7	66.4	3.1
J	at-grade	64.7	1.6	63.6	0.5	63.3	0.2	63.5	0.4	64.4	1.2	63.7	0.6	63.2	0.1	63.2	0.0	64.6	1.5	63.4	0.2	64.9	1.7	67.7	4.5	65.6	2.4	64.3	1.1
J	3	66.8	4.0	63.7	0.9	63.3	0.5	64.3	1.5	65.8	2.9	64.2	1.4	63.1	0.2	62.9	0.0	67.0	4.1	63.6	0.7	66.1	3.2	72.1	9.2	69.5	6.6	66.3	3.4
J	5	68.8	7.1	62.9	1.2	62.6	0.9	64.2	2.4	66.1	4.3	64.5	2.7	62.4	0.6	61.9	0.2	68.4	6.6	64.0	2.2	68.1	6.3	74.0	12.2	71.5	9.7	67.9	6.1
J	top floor	68.5	7.8	62.5	1.8	62.1	1.4	64.3	3.6	66.9	6.2	64.2	3.4	61.5	0.7	60.9	0.2	68.1	7.3	64.0	3.2	69.1	8.3	74.1	13.3	71.1	10.3	67.5	6.7
K	at-grade	62.7	0.7	62.1	0.2	62.1	0.1	62.3	0.3	62.8	0.8	62.5	0.5	62.1	0.1	62.1	0.1	64.7	2.7	62.4	0.5	64.7	2.7	68.3	6.3	66.1	4.1	64.6	2.6
K	3	63.3	1.7	62.9	1.2	62.4	0.7	63.8	2.1	66.0	4.3	63.9	2.2	62.3	0.6	62.0	0.4	69.5	7.8	63.1	1.4	66.4	4.7	73.6	11.9	71.3	9.6	69.1	7.4
K	top floor	62.7	2.9	61.8	2.0	61.8	1.9	64.4	4.5	67.5	7.6	64.7	4.8	61.3	1.4	60.8	0.9	71.8	11.9	65.4	5.5	69.5	9.6	76.8	16.9	74.0	14.1	71.5	11.6
L	at-grade	63.0	0.1	63.0	0.1	63.0	0.0	63.0	0.1	63.1	0.1	63.0	0.1	63.0	0.1	63.0	0.0	63.0	0.1	63.2	0.2	63.5	0.5	63.2	0.2	63.1	0.1	63.1	0.1
L	3	61.9	0.1	61.9	0.1	61.9	0.0	61.9	0.1	62.0	0.1	61.9	0.1	61.9	0.1	61.9	0.0	62.2	0.3	62.5	0.6	64.4	2.5	63.6	1.7	62.3	0.4	62.1	0.2
L	5	60.4	0.1	60.4	0.1	60.4	0.1	60.5	0.1	60.5	0.2	60.5	0.1	60.4	0.1	60.4	0.0	60.8	0.5	61.9	1.5	64.9	4.5	62.7	2.3	61.0	0.6	60.8	0.4
L	10	57.8	0.1	57.8	0.1	57.8	0.1	57.9	0.2	58.1	0.3	57.9	0.2	57.9	0.1	57.8	0.1	58.5	0.8	60.0	2.2	63.9	6.1	61.2	3.4	58.8	1.0	58.4	0.6
L	top floor	57.1	0.2	57.1	0.1	57.0	0.1	57.2	0.2	57.3	0.4	57.2	0.2	57.1	0.1	57.1	0.1	57.8	0.9	59.4	2.5	63.5	6.5	60.8	3.8	58.2	1.2	57.7	0.7
M	at-grade	62.5	0.1	62.5	0.1	62.5	0.1	62.6	0.2	62.7	0.2	62.6	0.2	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.0	62.6	0.1	62.6	0.1	62.6	0.1	62.6	0.1
M	3	61.2	0.1	61.2	0.1	61.2	0.1	61.3	0.2	61.4	0.3	61.4	0.2	61.3	0.1	61.2	0.1	61.2	0.1	61.2	0.0	61.3	0.1	61.4	0.2	61.3	0.1	61.3	0.1
M	5	59.5	0.2	59.6	0.2	59.5	0.1	59.7	0.3	59.9	0.5	59.8	0.3	59.6	0.2	59.6	0.1	59.6	0.1	59.5	0.1	59.6	0.1	59.8	0.3	59.7	0.2	59.6	0.1
M	top floor	56.4	0.3	56.6	0.4	56.4	0.2	56.8	0.6	57.0	0.8	56.9	0.6	56.6	0.4	56.5	0.2	56.4	0.2	56.5	0.2	56.6	0.3	56.8	0.5	56.6	0.3	56.5	0.2
N	at-grade	62.5	0.1	63.0	0.6	62.5	0.1	62.6	0.2	62.7	0.2	62.8	0.3	62.6	0.1	62.6	0.1	62.5	0.1	62.5	0.1	62.6	0.1	62.6	0.1	62.6	0.1	62.6	0.1
N	3	61.5	0.2	63.4	2.1	61.5	0.2	61.6	0.3	61.7	0.3	62.1	0.7	61.8	0.5	61.6	0.2	61.5	0.1	61.5	0.1	61.5	0.1	61.6	0.2	61.5	0.1	61.5	0.1
N	5	60.1	0.3	63.9	4.1	60.1	0.3	60.2	0.4	60.3	0.5	60.9	1.0	60.5	0.6	60.2	0.3	60.0	0.2	60.0	0.1	60.1	0.2	60.1	0.2	60.1	0.2	60.1	0.2
N	10	57.9	0.7	62.9	5.7	57.7	0.5	57.9	0.6	58.0	0.8	58.8	1.6	58.3	1.0	57.8	0.5	57.5	0.2	57.5	0.2	57.6	0.3	57.7	0.4	57.6	0.3	57.6	0.3
N	top floor	56.8	0.8	62.3	6.3	56.6	0.6	56.8	0.8	57.0	0.9	58.0	1.9	57.4	1.4	56.8	0.7	56.4	0.3	56.4	0.3	56.4	0.4	56.6	0.5	56.5	0.4	56.4	0.3

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
O	at-grade	66.2	2.0	64.8	0.6	64.9	0.6	65.0	0.7	65.7	1.4	65.8	1.5	66.0	1.8	65.1	0.9	64.7	0.8	65.0	0.8	64.7	0.4	64.7	0.4	64.7	0.4	64.7	0.4
O	3	68.8	4.7	64.9	0.8	65.0	0.8	65.2	1.0	66.3	2.1	66.5	2.4	67.0	2.8	65.5	1.4	64.6	1.1	65.3	1.1	64.6	0.4	64.6	0.4	64.6	0.4	64.6	0.4
O	5	70.5	7.5	63.9	0.9	64.0	1.0	64.4	1.3	65.8	2.8	66.1	3.1	66.7	3.6	64.8	1.7	63.4	1.3	64.3	1.3	63.4	0.3	63.4	0.4	63.4	0.3	63.4	0.3
O	10	69.8	8.9	62.2	1.3	62.4	1.4	63.0	2.0	65.2	4.2	65.4	4.5	66.0	5.1	63.4	2.5	61.3	1.7	62.7	1.7	61.3	0.3	61.3	0.3	61.3	0.3	61.3	0.3
O	15	68.8	9.5	61.0	1.7	61.3	2.0	62.0	2.7	65.0	5.6	65.3	5.9	66.1	6.8	62.8	3.4	59.7	2.5	61.9	2.5	59.6	0.3	59.7	0.3	59.6	0.3	59.7	0.3
O	top floor	67.9	9.8	60.2	2.0	60.5	2.4	61.4	3.2	64.8	6.6	65.2	7.1	66.1	7.9	62.1	3.9	58.4	3.1	61.3	3.1	58.5	0.3	58.8	0.6	58.4	0.2	58.4	0.2
P	at-grade	66.3	3.2	64.2	1.1	64.4	1.3	64.7	1.5	67.5	4.3	67.7	4.5	68.3	5.1	65.2	2.1	63.7	1.9	65.0	1.9	63.7	0.5	63.7	0.6	63.7	0.5	63.7	0.5
P	3	70.7	8.0	64.3	1.6	64.7	2.0	65.2	2.5	69.5	6.8	69.7	6.9	70.5	7.7	66.2	3.4	63.3	3.0	65.7	3.0	63.3	0.5	63.4	0.6	63.3	0.5	63.3	0.5
P	top floor	74.0	12.4	64.3	2.7	64.8	3.2	65.6	3.9	70.7	9.0	70.7	9.0	71.7	10.0	66.9	5.3	62.2	4.5	66.2	4.5	62.2	0.5	62.2	0.5	62.2	0.5	62.2	0.5
Q	at-grade	66.7	1.2	66.8	1.3	66.7	1.2	67.0	1.4	70.9	5.4	70.7	5.1	71.8	6.2	68.6	3.0	66.0	2.5	68.0	2.5	66.0	0.4	66.0	0.4	66.0	0.4	66.0	0.4
Q	3	67.1	1.8	68.2	2.9	68.3	3.0	69.0	3.6	75.6	10.3	74.5	9.1	75.7	10.4	71.0	5.6	65.8	5.5	70.8	5.5	65.7	0.4	65.8	0.4	65.7	0.3	65.8	0.4
Q	5	67.0	2.7	70.4	6.1	69.8	5.4	70.5	6.2	79.8	15.5	79.1	14.8	80.6	16.2	75.3	10.9	64.7	10.3	74.6	10.3	64.7	0.3	64.7	0.3	64.7	0.3	64.7	0.3
Q	top floor	67.2	3.7	70.6	7.1	69.8	6.2	70.6	7.0	80.5	16.9	80.3	16.7	81.6	18.0	76.1	12.6	63.9	11.2	74.7	11.2	63.9	0.3	63.9	0.3	63.9	0.3	63.9	0.3
R	at-grade	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0
R	3	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
R	top floor	68.2	0.0	68.2	0.0	68.3	0.0	68.3	0.0	68.3	0.1	68.3	0.1	68.3	0.1	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
S	at-grade	65.0	0.2	65.1	0.3	65.3	0.4	65.5	0.6	66.4	1.6	66.6	1.7	66.5	1.6	65.7	0.8	65.0	0.4	65.3	0.4	64.9	0.0	65.0	0.0	65.0	0.0	65.0	0.0
S	3	65.0	0.4	65.2	0.6	65.5	0.8	65.8	1.1	67.3	2.6	67.4	2.8	67.3	2.6	66.1	1.4	64.8	0.8	65.5	0.8	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0
S	top floor	64.3	0.5	65.3	1.4	65.8	2.0	66.4	2.5	68.4	4.5	68.3	4.5	68.5	4.6	66.8	2.9	64.0	1.6	65.5	1.6	64.0	0.1	64.0	0.1	64.0	0.0	64.0	0.0
T	at-grade	65.3	0.0	65.6	0.3	65.8	0.5	66.0	0.6	66.9	1.6	66.3	0.9	65.6	0.2	65.4	0.0	65.5	0.0	65.4	0.0	65.4	0.0	65.5	0.0	65.4	0.0	65.5	0.0
T	top floor	65.5	0.0	66.0	0.5	66.3	0.7	66.5	0.9	68.1	2.5	67.0	1.5	66.0	0.4	65.6	0.0	65.7	0.0	65.6	0.0	65.6	0.0	65.7	0.0	65.6	0.0	65.7	0.0
U	at-grade	70.4	0.0	70.5	0.0	70.5	0.0	70.5	0.1	70.6	0.1	70.6	0.1	70.5	0.0	70.5	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.7	0.1	70.6	0.0	70.6	0.0
U	3	71.4	0.0	71.5	0.0	71.5	0.0	71.5	0.1	71.6	0.1	71.6	0.2	71.5	0.0	71.5	0.0	71.6	0.0	71.6	0.0	71.6	0.0	71.7	0.1	71.6	0.0	71.6	0.0
U	top floor	70.6	0.0	70.7	0.0	70.7	0.1	70.8	0.1	70.8	0.1	70.9	0.3	70.8	0.0	70.7	0.0	71.1	0.0	70.9	0.1	71.0	0.3	71.4	0.6	71.0	0.2	71.0	0.2
V	at-grade	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
V	3	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0
V	5	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.1	67.0	0.0	67.0	0.0
V	top floor	65.5	0.0	65.6	0.1	65.6	0.1	65.7	0.1	66.3	0.8	66.3	0.7	66.2	0.6	65.6	0.0	66.0	0.1	65.9	0.3	66.1	0.5	67.1	1.5	65.8	0.2	65.8	0.2
W	at-grade	69.7	0.1	69.7	0.0	69.7	0.0	69.7	0.0	69.8	0.2	69.9	0.2	69.9	0.2	69.7	0.0	69.8	0.1	69.8	0.1	69.9	0.2	70.1	0.3	69.8	0.1	69.8	0.1
W	3	68.9	0.1	68.9	0.0	68.9	0.0	68.9	0.1	69.2	0.3	69.3	0.4	69.3	0.4	69.0	0.1	69.1	0.1	69.2	0.3	69.3	0.4	69.6	0.6	69.1	0.1	69.1	0.1
W	top floor	66.8	0.1	66.8	0.1	66.8	0.1	66.9	0.1	67.4	0.6	67.5	0.7	67.4	0.6	66.9	0.1	67.7	0.1	67.5	0.7	68.2	1.3	68.8	1.9	67.3	0.5	67.3	0.4
X	at-grade	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.6	0.0	67.5	0.0	67.5	0.0	67.6	0.0	67.5	0.0	67.6	0.0
X	3	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0
X	5	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.0	65.0	0.0	65.1	0.0	65.0	0.0	65.1	0.0	65.1	0.1	65.1	0.0	65.1	0.0
X	top floor	63.8	0.0	63.8	0.0	63.8	0.0	63.8	0.0	63.9	0.0	63.9	0.1	63.9	0.1	63.8	0.0	63.9	0.0	63.9	0.0	63.9	0.0	64.5	0.6	63.9	0.0	63.9	0.0
Y	at-grade	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.3	0.0	67.1	0.1	67.2	0.1	67.4	0.3	67.2	0.1	67.2	0.1
Y	3	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.2	0.0	67.0	0.1	67.1	0.2	67.4	0.5	67.0	0.1	67.0	0.1
Y	5	65.7	0.0	65.7	0.0	65.7	0.0	65.7	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	66.2	0.0	65.9	0.1	66.1	0.3	66.5	0.7	66.0	0.2	66.0	0.2
Y	top floor	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	63.8	0.0	63.2	0.4	63.6	0.7	64.5	1.6	63.4	0.5	63.3	0.4
Z	at-grade	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.3	0.0	64.1	0.1	64.2	0.2	64.5	0.5	64.2	0.1	64.2	0.1
AA	at-grade	59.4	0.1	59.4	0.0	59.4	0.0	59.4	0.0	59.4	0.1	59.4	0.1	59.4	0.1	59.4	0.0	59.4	0.0	59.4	0.0	59.4	0.0	59.4	0.1	59.4	0.0	59.4	0.0
AA	3	57.4	0.1	57.4	0.0	57.4	0.0	57.4	0.0	57.4	0.1	57.5	0.1	57.5	0.1	57.4	0.0	57.4	0.0	57.4	0.1	57.4	0.1	57.5	0.1	57.4	0.0	57.4	0.0
AA	5	55.5	0.1	55.5	0.0	55.5	0.1	55.5	0.1	55.6	0.1	55.6	0.2	55.6	0.2	55.5	0.1	55.6	0.1	55.5	0.1	55.6	0.1	55.6	0.1	55.5	0.0	55.5	0.0
AA	10	52.8	0.2	52.7	0.1	52.7	0.1	52.7	0.1	52.8	0.2	53.0	0.4	53.5	0.9	52.7	0.1	52.8	0.1	52.8	0.1	52.8	0.1	52.9	0.2	52.8	0.1	52.8	0.1
AA	top floor	51.8	0.2	51.7	0.1	51.7	0.1	51.7	0.1	51.9	0.2	52.2	0.6	53.5	1.8	51.8	0.1	51.8	0.1	51.8	0.2	51.8	0.1	51.9	0.2	51.8	0.1	51.8	0.1
BB	at-grade	65.4	0.9	64.8	0.2	64.8	0.2	64.8	0.3	65.2	0.6	65.2	0.7	65.4	0.9	64.9	0.4	64.7	0.3	64.9	0.3	64.7	0.1	64.7	0.1	64.7	0.1	64.7	0.1
BB	3	65.3	1.7	64.0	0.4	64.1	0.4	64.2	0.6	64.9	1.3	65.1	1.4	65.5	1.8	64.5	0.8	63.8	0.6	64.3	0.6	63.8	0.2	63.8	0.2	63.8	0.1	63.8	0.1
BB	5	64.8	2.4	62.9	0.5	63.0	0.5	63.2	0.7	64.1	1.7	64.3	1.8	64.8	2.3	63.5	1.1	62.6	0.7	63.2	0.7	62.6	0.2	62.6	0.2	62.6	0.1	62.6	0.1
BB	10	64.8	4.8	60.8	0.8	61.0	0.9	61.3	1.3	62.8	2.8	63.0	3.0	63.7	3.6	61.7	1.6	60.3	1.2	61.3	1.2	60.2	0.2	60.3	0.2	60.3	0.2	60.3	0.2
BB	top floor	64.6	5.4	60.2	1.0	60.4	1.1	60.8	1.6	62.6	3.4	62.8	3.5	63.5	4.3	61.2	2.0	59.5	1.4	60.6	1.4	59.5	0.2	59.5	0.2	59.5	0.2	59.5	0.2
CC	at-grade	68.5	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.1	68.5	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0
CC	3	68.1	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.1	68.1	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0
CC	top floor	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.1	66.8	0.1	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0
DD	at-grade	70.4	0.0	70.4	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.1	70.5	0.1	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0
DD	3	69.8	0.0	69.8	0.0	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.1	70.0	0.1	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
DD	top floor	68.4	0.0	68.4	0.0	68.5	0.0	68.5	0.0	68.5	0.1	68.9	0.5	68.7	0.3	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.1	68.5	0.0	68.5	0.0
EE	at-grade	62.4	0.3	62.5	0.3	62.6	0.5	62.8	0.6	63.7	1.5	63.7	1.5	64.0	1.8	63.1	0.9	62.3	0.6	62.8	0.6	62.3	0.0	62.3	0.0	62.3	0.0	62.3	0.0
EE	3	61.2	0.6	61.3	0.7	61.6	1.0	62.0	1.3	63.6	2.9	63.6	2.9	64.1	3.4	62.5	1.8	60.8	1.2	61.9	1.2	60.8	0.0	60.8	0.0	60.8	0.0	60.8	0.0
EE	5	59.9	0.9	60.5	1.4	61.1	2.1	61.7	2.6	64.3	5.2	64.1	5.0	65.0	5.9	62.5	3.4	59.2	2.4	61.6	2.4	59.2	0.0	59.2	0.1	59.2	0.0	59.2	0.0
EE	10	58.2	1.6	59.7	3.1	60.8	4.1	62.0	5.3	64.5	7.8	64.6	7.9	65.4	8.7	63.0	6.3	56.9	4.1	60.8	4.1	56.9	0.1	57.0	0.2	56.9	0.1	56.9	0.1
EE	top floor	57.9	2.0	59.6	3.6	60.7	4.7	62.0	6.0	64.5	8.5	64.6	8.6	65.5	9.5	63.1	7.0	56.2	4.5	60.6	4.5	56.2	0.2	56.5	0.4	56.2	0.1	56.2	0.1
FF	at-grade	60.6	0.1	60.7	0.1	60.9	0.3	60.9	0.3	61.4	0.7	61.4	0.7	61.2	0.5	60.8	0.0	60.9	0.0	60.8	0.0	60.9	0.0	60.9	0.0	60.9	0.0	61.0	0.0
FF	3	59.4	0.1	59.6	0.2	59.8	0.4	59.9	0.4	60.7	1.2	60.9	1.4	60.5	0.9	59.6	0.1	59.7	0.0	59.6	0.0	59.7	0.0	59.8	0.1	59.7	0.0	59.8	0.0
FF	top floor	57.8	0.1	58.3	0.5	58.5	0.7	58.6	0.7	60.4	2.5	60.1	2.2	59.6	1.7	58.0	0.1	58.1	0.1	58.1	0.1	58.1	0.0	58.2	0.1	58.1	0.0	58.2	0.0
GG	at-grade	59.3	0.0	59.3	0.0	59.4	0.0	59.4	0.1	59.4	0.1	59.5	0.2	59.5	0.1	59.4	0.0	59.5	0.0	59.4	0.1	59.5	0.2	59.6	0.3	59.4	0.1	59.4	0.1

Construction Nois

Exceed Le

Exceed 3 c

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
O	at-grade	66.1	1.8	66.8	2.4	65.3	1.0	65.5	1.2	66.0	1.7	68.2	3.9	66.9	2.6	65.5	1.1	64.8	0.4	64.8	0.4	64.8	0.4	65.0	0.6	64.9	0.5	64.8	0.4
O	3	68.4	4.2	70.6	6.4	67.3	3.0	68.8	4.5	70.5	6.2	74.1	9.8	70.6	6.3	67.0	2.8	64.7	0.4	64.7	0.4	64.7	0.4	65.0	0.7	64.8	0.5	64.7	0.4
O	5	70.2	7.1	72.5	9.4	68.3	5.2	69.5	6.3	70.7	7.6	75.5	12.3	72.1	8.9	67.8	4.7	63.5	0.4	63.5	0.3	63.7	0.5	64.1	0.9	63.7	0.5	63.5	0.3
O	10	69.5	8.5	72.5	11.5	67.4	6.3	68.8	7.8	70.2	9.1	74.7	13.6	71.3	10.3	66.8	5.7	61.5	0.4	61.4	0.3	61.7	0.6	62.5	1.4	61.8	0.7	61.4	0.3
O	15	68.4	9.0	71.3	11.9	66.3	6.9	68.0	8.5	69.7	10.3	73.7	14.2	70.4	10.9	65.7	6.2	60.0	0.5	59.8	0.3	60.4	1.0	61.8	2.3	60.6	1.1	59.8	0.3
O	top floor	67.4	9.2	70.5	12.3	65.3	7.1	67.2	9.0	69.2	10.9	72.6	14.3	69.4	11.1	64.6	6.4	59.1	0.8	58.6	0.3	60.4	2.1	61.6	3.3	59.6	1.3	58.6	0.3
P	at-grade	65.5	2.3	66.0	2.8	64.6	1.4	65.2	1.9	66.0	2.7	67.7	4.5	67.6	4.3	65.5	2.2	64.1	0.8	63.8	0.5	64.3	1.0	64.5	1.2	64.0	0.7	63.8	0.5
P	3	69.1	6.3	70.7	7.9	67.4	4.6	69.5	6.7	72.2	9.4	73.5	10.6	73.3	10.4	69.9	7.0	63.8	1.0	63.4	0.5	64.2	1.3	64.7	1.8	63.8	0.9	63.5	0.6
P	top floor	70.9	9.2	72.3	10.6	68.8	7.0	69.8	8.1	72.1	10.4	75.0	13.3	76.2	14.4	71.9	10.2	62.9	1.1	62.3	0.5	63.3	1.5	64.4	2.6	62.9	1.1	62.4	0.6
Q	at-grade	66.5	0.9	66.6	1.0	66.2	0.6	66.2	0.5	66.1	0.4	67.2	1.6	67.1	1.4	66.4	0.7	66.1	0.4	66.1	0.4	66.1	0.4	66.1	0.4	66.1	0.4	66.1	0.4
Q	3	66.6	1.2	66.9	1.5	66.2	0.8	66.1	0.7	65.9	0.5	68.6	3.1	68.5	3.0	67.0	1.6	65.8	0.3	65.8	0.3	65.8	0.3	65.8	0.3	65.8	0.3	65.8	0.3
Q	5	66.5	2.1	66.6	2.2	65.5	1.1	65.4	1.0	64.9	0.5	68.6	4.2	68.7	4.2	66.6	2.2	64.8	0.3	64.8	0.3	64.8	0.3	64.8	0.3	64.8	0.3	64.8	0.3
Q	top floor	66.1	2.5	66.9	3.3	64.9	1.3	64.7	1.1	64.1	0.5	68.3	4.7	68.5	4.8	66.3	2.6	63.9	0.3	63.9	0.3	64.0	0.3	64.0	0.3	64.0	0.3	64.0	0.3
R	at-grade	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
R	3	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0
R	top floor	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0
S	at-grade	65.1	0.1	65.1	0.2	65.0	0.0	65.0	0.0	65.0	0.0	65.2	0.2	65.3	0.3	65.1	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0
S	3	64.9	0.2	65.0	0.3	64.9	0.1	64.9	0.1	64.9	0.0	65.2	0.4	65.3	0.5	65.0	0.2	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0
S	top floor	64.2	0.2	64.3	0.4	64.1	0.1	64.1	0.1	64.1	0.1	64.6	0.5	64.6	0.6	64.3	0.2	64.1	0.0	64.1	0.0	64.1	0.0	64.1	0.0	64.1	0.0	64.1	0.0
T	at-grade	65.5	0.0	65.5	0.0	65.5	0.0	65.5	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0
T	top floor	65.7	0.0	65.7	0.0	65.7	0.0	65.7	0.0	65.7	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0	65.8	0.0
U	at-grade	70.6	0.0	70.6	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0
U	3	71.6	0.0	71.6	0.0	71.7	0.0	71.7	0.0	71.7	0.0	71.7	0.0	71.7	0.0	71.7	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0
U	top floor	71.0	0.2	70.8	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	71.0	0.0	71.0	0.0	71.0	0.1	71.0	0.0	71.0	0.0	71.1	0.1	71.1	0.1	71.1	0.1
V	at-grade	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0
V	3	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
V	5	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0
V	top floor	65.8	0.2	65.6	0.0	65.7	0.0	65.8	0.1	65.8	0.2	65.7	0.0	65.7	0.0	65.7	0.0	65.9	0.3	65.7	0.0	65.8	0.1	66.4	0.7	65.9	0.2	65.8	0.1
W	at-grade	69.8	0.1	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
W	3	69.1	0.1	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.1	0.0	69.1	0.0	69.1	0.0	69.1	0.0	69.1	0.0	69.1	0.0	69.1	0.0	69.1	0.0
W	top floor	67.3	0.4	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.1	67.0	0.0	67.0	0.0
X	at-grade	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.7	0.1	67.6	0.0	67.6	0.0
X	3	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.1	66.6	0.0	66.6	0.0
X	5	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.1	65.2	0.1	65.2	0.1	65.1	0.0
X	top floor	63.9	0.0	63.9	0.1	63.9	0.0	63.9	0.1	64.1	0.2	64.0	0.1	64.0	0.1	63.9	0.0	64.0	0.1	63.9	0.0	64.0	0.1	64.1	0.2	64.1	0.2	64.0	0.1
Y	at-grade	67.2	0.1	67.1	0.0	67.1	0.0	67.1	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.5	0.3	67.2	0.0	67.4	0.2	68.2	1.0	67.8	0.6	67.6	0.4
Y	3	67.0	0.1	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.8	0.8	67.1	0.1	67.4	0.4	68.9	1.9	68.3	1.3	67.8	0.8
Y	5	66.0	0.2	65.8	0.0	65.8	0.0	65.8	0.0	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0	67.3	1.4	66.1	0.2	66.9	1.0	69.3	3.4	68.3	2.4	67.4	1.5
Y	top floor	63.3	0.4	62.9	0.0	62.9	0.0	63.0	0.0	63.0	0.1	63.0	0.0	63.0	0.0	63.0	0.0	65.3	2.3	63.9	0.9	66.2	3.2	68.6	5.6	66.8	3.8	65.5	2.5
Z	at-grade	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.2	0.1	64.3	0.3	64.2	0.1	64.8	0.7	65.2	1.1	64.5	0.4	64.4	0.3
AA	at-grade	59.5	0.1	59.9	0.5	59.9	0.5	59.9	0.5	60.0	0.5	60.0	0.5	60.0	0.5	59.9	0.5	59.9	0.5	59.9	0.4	60.0	0.5	60.0	0.5	60.0	0.5	60.0	0.5
AA	3	57.5	0.1	57.9	0.5	57.9	0.5	58.0	0.5	58.1	0.6	58.0	0.6	58.0	0.5	57.9	0.5	57.9	0.5	57.9	0.4	58.0	0.5	58.0	0.5	58.0	0.5	58.0	0.5
AA	5	55.6	0.1	56.1	0.6	56.0	0.5	56.1	0.6	56.2	0.7	56.2	0.6	56.1	0.6	56.1	0.5	56.0	0.5	56.0	0.4	56.1	0.5	56.2	0.6	56.1	0.5	56.1	0.5
AA	10	52.9	0.2	53.4	0.7	53.2	0.5	53.4	0.7	53.6	0.9	53.6	0.8	53.5	0.7	53.3	0.6	53.3	0.5	53.2	0.4	53.3	0.6	53.6	0.8	53.4	0.6	53.3	0.5
AA	top floor	51.9	0.2	52.6	0.9	52.2	0.5	52.5	0.8	52.7	1.0	52.6	0.9	52.5	0.7	52.4	0.6	52.3	0.5	52.2	0.4	52.4	0.6	52.6	0.8	52.4	0.6	52.3	0.5
BB	at-grade	65.2	0.6	65.7	1.1	65.0	0.4	65.0	0.4	64.9	0.2	66.4	1.7	66.0	1.3	65.2	0.6	64.9	0.2	64.9	0.2	64.9	0.2	64.9	0.2	64.9	0.2	64.9	0.2
BB	3	64.8	1.1	65.9	2.2	64.4	0.7	64.3	0.6	64.1	0.3	67.3	3.5	66.3	2.6	64.8	1.1	64.0	0.2	64.0	0.2	64.0	0.2	64.0	0.2	64.0	0.2	64.0	0.2
BB	5	64.2	1.7	66.4	3.9	63.9	1.4	63.6	1.1	62.9	0.4	68.2	5.6	66.8	4.2	64.4	1.8	62.8	0.2	62.8	0.2	62.8	0.2	62.8	0.2	62.8	0.2	62.8	0.2
BB	10	63.9	3.8	66.2	6.1	62.4	2.3	61.8	1.6	60.6	0.5	67.5	7.3	65.9	5.7	62.8	2.6	60.4	0.2	60.4	0.2	60.4	0.2	60.4	0.2	60.4	0.2	60.4	0.2
BB	top floor	63.7	4.4	66.0	6.7	61.9	2.6	61.2	1.8	59.9	0.5	67.3	7.9	65.6	6.2	62.3	3.0	59.6	0.2	59.6	0.2	59.6	0.2	59.7	0.3	59.6	0.2	59.6	0.2
CC	at-grade	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
CC	3	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0
CC	top floor	66.9	0.1	66.8	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0
DD	at-grade	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0
DD	3	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0
DD	top floor	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.0	68.6	0.1	68.6	0.0	68.6	0.1	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
EE	at-grade	62.4	0.1	62.5	0.2	62.4	0.1	62.4	0.0	62.4	0.0	62.6	0.2	62.8	0.3	62.5	0.1	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0
EE	3	61.0	0.2	61.2	0.4	61.0	0.1	60.9	0.0	60.9	0.0	61.5	0.6	61.7	0.8	61.2	0.3	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0
EE	5	59.5	0.3	59.8	0.6	59.4	0.2	59.3	0.0	59.4	0.1	60.2	0.9	60.4	1.1	59.7	0.4	59.4	0.0	59.4	0.0	59.4	0.0	59.5	0.1	59.4	0.0	59.4	0.0
EE	10	57.3	0.5	57.9	1.1	57.3	0.5	57.1	0.2	57.0	0.1	59.1	2.2	59.6	2.7	58.0	1.0	57.0	0.1	57.0	0.1	57.1	0.1	57.1	0.1	57.1	0.1	57.1	0.1
EE	top floor	56.7	0.6	57.3	1.2	56.7	0.6	56.4	0.3	56.4	0.2	58.7	2.5	59.3	3.0	57.4	1.2	56.3	0.1	56.4	0.1	56.4	0.1	56.4	0.1	56.4	0.1	56.4	0.1
FF	at-grade	61.0	0.0	61.0	0.0	61.1	0.0	61.1	0.0	61.2	0.0	61.3	0.1	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.0
FF	3	59.8	0.1	59.8	0.0	59.9	0.0	59.9	0.0	60.0	0.0	60.1	0.1	60.1	0.0	60.1	0.0	60.1	0.0	60.2	0.0	60.2	0.0	60.3	0.1	60.2	0.0	60.2	0.0
FF	top floor	58.2	0.1	58.3	0.1	58.3	0.0	58.3	0.0	58.4	0.0	58.5	0.1	58.5	0.1	58.5	0.0	58.5	0.0	58.6	0.0	58.6	0.0	58.7	0.1	58.6	0.0	58.6	0.0
GG	at-grade	59.4	0.1	59.4	0.0	59.4	0.0	59.5	0.1	59.7	0.3	59.5	0.1	59.4	0.1	59.4	0.0	59.4	0.0	59.4	0.0	59.4	0.1	59.6	0.2	59.5	0.1	59.5	0.1

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
GG	3	58.2	0.1	58.1	0.0	58.2	0.1	58.2	0.1	58.3	0.1	58.5	0.3	58.6	0.4	58.2	0.1	58.4	0.0	58.3	0.2	58.5	0.4	58.8	0.7	58.3	0.1	58.3	0.1
GG	5	56.5	0.0	56.6	0.1	56.6	0.1	56.7	0.2	56.9	0.4	58.1	1.6	57.5	0.9	56.6	0.1	56.6	0.1	56.6	0.1	56.6	0.1	56.7	0.2	56.6	0.0	56.6	0.0
GG	top floor	54.9	0.1	55.0	0.2	55.1	0.3	55.3	0.5	56.1	1.3	57.5	2.7	56.1	1.3	55.0	0.2	55.0	0.1	55.0	0.1	55.0	0.2	55.3	0.4	54.9	0.1	54.9	0.1
HH	at-grade	63.5	0.8	63.0	0.3	63.1	0.3	63.1	0.4	63.4	0.7	63.5	0.7	63.7	0.9	63.2	0.4	63.0	0.4	63.2	0.4	63.0	0.2	63.0	0.2	63.0	0.2	63.1	0.2
HH	3	63.0	1.3	62.2	0.4	62.2	0.5	62.4	0.6	63.0	1.3	63.3	1.5	63.7	1.9	62.6	0.9	62.0	0.6	62.4	0.6	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2
HH	top	62.0	1.9	60.6	0.5	60.7	0.6	60.9	0.8	61.9	1.7	62.2	2.0	62.7	2.5	61.3	1.1	60.4	0.8	61.0	0.8	60.4	0.2	60.4	0.2	60.4	0.2	60.4	0.2
II	at-grade	68.5	0.8	68.0	0.3	68.0	0.3	68.0	0.3	68.1	0.3	68.1	0.3	68.1	0.4	68.1	0.3	68.1	0.3	68.1	0.3	68.1	0.3	68.1	0.3	68.1	0.2	68.1	0.2
II	3	67.8	1.6	66.5	0.3	66.5	0.3	66.6	0.3	66.7	0.5	66.9	0.6	66.9	0.7	66.6	0.3	66.6	0.3	66.6	0.3	66.6	0.3	66.6	0.3	66.6	0.3	66.6	0.3
II	5	67.2	2.7	64.8	0.3	64.8	0.3	64.9	0.3	65.1	0.5	65.2	0.7	65.3	0.7	64.9	0.4	64.9	0.3	64.9	0.3	64.9	0.3	64.9	0.3	64.9	0.3	64.9	0.3
II	10	67.0	5.5	61.8	0.3	61.8	0.3	61.9	0.4	62.1	0.6	62.2	0.6	62.4	0.8	61.9	0.3	61.9	0.3	61.9	0.3	61.9	0.2	61.9	0.2	61.9	0.2	61.9	0.2
II	top	66.7	6.0	61.0	0.3	61.0	0.3	61.1	0.4	61.4	0.6	61.5	0.7	61.7	0.9	61.2	0.4	61.1	0.3	61.1	0.3	61.0	0.2	61.1	0.2	61.1	0.2	61.1	0.2
JJ	at-grade	65.5	0.3	65.4	0.2	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.3	65.5	0.3	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.2
JJ	3	65.6	0.3	65.5	0.2	65.6	0.2	65.6	0.2	65.6	0.3	65.6	0.3	65.6	0.3	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2
JJ	5	64.6	0.3	64.5	0.2	64.5	0.2	64.6	0.2	64.6	0.3	64.6	0.3	64.6	0.3	64.6	0.2	64.6	0.2	64.6	0.2	64.6	0.2	64.6	0.2	64.6	0.2	64.6	0.2
JJ	10	62.1	0.4	61.9	0.2	61.9	0.2	61.9	0.2	62.0	0.2	62.0	0.3	62.0	0.3	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2
JJ	15	60.2	0.5	59.9	0.2	59.9	0.2	59.9	0.2	60.0	0.3	60.1	0.3	60.1	0.3	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2	60.0	0.2
JJ	top	58.8	0.6	58.4	0.2	58.4	0.2	58.4	0.2	58.6	0.3	58.6	0.4	58.7	0.5	58.5	0.2	58.5	0.2	58.5	0.2	58.4	0.2	58.5	0.2	58.4	0.2	58.5	0.2
KK	at-grade	68.6	0.1	68.7	0.2	68.7	0.2	68.7	0.2	70.6	2.0	71.0	2.5	71.4	2.8	69.0	0.5	68.7	1.0	69.6	1.0	68.8	0.2	68.8	0.1	68.7	0.0	68.7	0.0
KK	3	67.5	0.1	67.9	0.5	68.0	0.5	68.1	0.7	71.9	4.4	72.7	5.3	73.2	5.8	68.5	1.0	67.6	2.4	70.0	2.5	67.9	0.3	67.8	0.3	67.6	0.1	67.6	0.1
KK	top	65.4	0.3	67.0	1.9	66.6	1.5	67.0	1.8	74.2	9.0	75.2	10.1	75.9	10.7	68.8	3.7	65.4	5.5	70.7	5.5	65.8	0.6	65.8	0.5	65.3	0.1	65.3	0.1
LL	at-grade	67.6	0.1	67.6	0.1	67.6	0.0	67.6	0.0	68.6	1.1	69.4	1.8	69.6	2.1	67.7	0.1	67.7	0.6	68.2	0.6	67.7	0.1	67.8	0.1	67.7	0.1	67.7	0.0
LL	3	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	69.8	2.4	71.8	4.5	72.1	4.7	67.6	0.2	67.6	1.6	69.1	1.7	67.6	0.2	67.7	0.3	67.5	0.1	67.6	0.1
LL	5	66.9	0.7	66.5	0.2	66.3	0.1	66.4	0.1	71.0	4.7	73.8	7.6	74.2	7.9	66.6	0.3	66.4	3.4	69.8	3.5	66.6	0.2	66.6	0.2	66.4	0.1	66.4	0.1
LL	top	66.6	1.6	65.4	0.3	65.2	0.2	65.2	0.2	71.4	6.4	74.2	9.1	74.3	9.3	65.6	0.6	65.2	4.9	70.1	5.0	65.6	0.4	65.5	0.3	65.2	0.1	65.2	0.1
MM	at-grade	71.0	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.2	0.1	71.2	0.2	71.2	0.2	71.1	0.0	71.2	0.0	71.1	0.1	71.2	0.1	71.3	0.2	71.2	0.1	71.1	0.0
MM	3	70.5	0.0	70.6	0.0	70.6	0.0	70.6	0.0	70.8	0.3	70.9	0.4	70.9	0.4	70.6	0.0	70.8	0.1	70.7	0.1	70.9	0.3	71.1	0.5	70.8	0.2	70.6	0.0
MM	top	69.8	0.0	69.9	0.0	69.9	0.0	69.9	0.0	70.2	0.3	70.2	0.4	70.2	0.4	69.9	0.0	70.6	0.1	70.1	0.3	70.6	0.8	71.2	1.3	70.4	0.5	70.2	0.3
NN	at-grade	71.2	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.4	0.2	71.4	0.2	71.4	0.2	71.3	0.0	71.9	0.1	71.6	0.3	71.8	0.5	72.3	1.0	71.6	0.3	71.6	0.3
NN	3	70.7	0.0	70.8	0.1	70.8	0.0	70.8	0.1	71.1	0.3	71.1	0.3	71.1	0.3	70.8	0.0	72.5	0.1	71.6	0.8	72.4	1.6	73.4	2.6	71.8	1.0	71.7	0.9
NN	5	69.3	0.0	69.4	0.1	69.4	0.1	69.5	0.1	69.8	0.4	69.8	0.5	69.8	0.4	69.4	0.0	72.6	0.1	71.1	1.7	72.7	3.3	74.0	4.6	71.4	2.0	71.2	1.8
NN	top	68.2	0.0	68.3	0.1	68.3	0.1	68.4	0.2	69.0	0.8	69.0	0.7	68.9	0.7	68.3	0.0	73.3	0.1	71.4	3.1	73.5	5.3	75.1	6.8	71.6	3.3	71.4	3.1
OO	at-grade	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0
OO	3	66.3	0.0	66.3	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.4	0.0	66.5	0.0
OO	5	64.6	0.0	64.6	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.8	0.0	64.7	0.0	64.8	0.0
OO	7	63.2	0.0	63.2	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.4	0.0	63.3	0.0	63.3	0.0	63.4	0.0	63.3	0.0	63.4	0.0
OO	top	61.2	0.0	61.2	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.3	0.0	61.4	0.0	61.3	0.0	61.4	0.1	61.6	0.2	61.4	0.1	61.4	0.0
PP	at-grade	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0
PP	3	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0
PP	5	65.1	0.0	65.1	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.1	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0
PP	7	63.8	0.0	63.9	0.0	63.9	0.0	63.9	0.0	64.0	0.1	63.9	0.0	63.9	0.1	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0
PP	top	61.8	0.0	61.9	0.1	61.9	0.1	61.9	0.1	62.1	0.3	61.9	0.1	62.1	0.2	61.9	0.0	62.0	0.0	61.9	0.1	62.0	0.1	62.3	0.4	62.0	0.1	62.0	0.1
QQ	at-grade	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	68.0	0.0	67.8	0.1	67.9	0.1	68.1	0.3	67.9	0.1	67.9	0.1
QQ	3	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	68.0	0.0	67.8	0.1	67.9	0.2	68.2	0.5	67.8	0.1	67.8	0.1
QQ	5	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.9	0.0	66.6	0.1	66.8	0.3	67.2	0.7	66.7	0.2	66.7	0.2
QQ	10	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.8	0.0	64.3	0.3	64.6	0.6	65.4	1.5	64.5	0.5	64.4	0.4
QQ	top	63.1	0.0	63.1	0.0	63.1	0.0	63.1	0.0	63.2	0.0	63.2	0.0	63.2	0.0	63.2	0.0	64.4	0.0	63.7	0.5	64.0	0.8	65.2	2.1	63.9	0.7	63.7	0.5
Q1	at-grade	69.7	0.4	69.9	0.6	70.3	0.9	70.7	1.3	71.1	1.8	71.7	2.4	71.2	1.8	70.6	1.2	69.6	0.6	70.0	0.6	69.6	0.2	69.6	0.2	69.6	0.2	69.7	0.2
Q1	3	69.6	0.4	71.2	1.9	72.1	2.9	73.7	4.4	74.7	5.4	74.4	5.1	73.0	3.7	72.0	2.7	69.5	1.1	70.4	1.1	69.5	0.2	69.5	0.2	69.5	0.2	69.5	0.2
Q1	5	68.4	0.4	72.1	4.1	74.1	6.0	76.0	8.0	76.3	8.2	77.7	9.6	75.9	7.8	74.8	6.7	68.3	2.7	70.8	2.7	68.3	0.2	68.3	0.2	68.3	0.1	68.3	0.1
Q1	7	67.4	0.6	72.1	5.2	74.4	7.6	76.2	9.4	76.3	9.5	78.5	11.6	76.2	9.4	75.0	8.1	67.1	3.7	70.6	3.7	67.1	0.1	67.1	0.2	67.1	0.1	67.1	0.1
Q1	top	66.5	0.8	71.3	5.6	74.3	8.5	76.2	10.5	76.2	10.4	77.9	12.1	76.5	10.7	75.4	9.6	66.0	4.2	70.0	4.2	65.9	0.1	66.0	0.1	66.0	0.1	66.0	0.1
Q2	at-grade	73.5	0.1	73.6	0.2	73.6	0.2	73.7	0.3	73.7	0.3	74.1	0.7	73.7	0.2	73.7	0.2	73.6	0.1	73.6	0.1	73.6	0.1	73.6	0.1	73.6	0.1	73.7	0.1
Q2	3	70.3	0.1	70.6	0.4	70.9	0.7	71.5	1.2	71.5	1.3	73.5	3.2	70.8	0.6	70.8	0.5	70.4	0.1	70.4	0.1	70.4	0.1	70.4	0.1	70.4	0.1	70.5	0.1
Q2	5	68.5	0.1	69.4	1.0	69.8	1.4	71.1	2.7	71.4	2.9	75.1	6.7	70.0	1.5	69.9	1.5	68.6	0.1	68.6	0.1	68.6	0.1	68.6	0.1	68.6	0.1	68.7	0.1
Q2	7	67.2	0.1	68.3	1.2	68.9	1.7	70.6	3.5	70.8	3.6	75.4	8.2	69.2	2.0	69.1	1.9	67.3	0.1	67.3	0.1	67.3	0.1	67.3	0.1	67.3	0.1	67.3	0.1
Q2	top	66.1	0.1	67.5	1.4	68.4	2.3	70.2	4.2	70.2	4.1	75.3	9.2	68.5	2.4	68.4	2.3	66.2	0.2	66.3	0.2	66.2	0.1	66.2	0.1	66.2	0.1	66.2	0.1
Q3	at-grade	73.7	0.1	73.8	0.1	73.8	0.2	73.9	0.2	73.9	0.2	74.1	0.4	73.9	0.1	73.8	0.1	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1
Q3	3	69.7	0.1	69.8	0.1	70.0	0.3	70.2	0.5	70.2	0.5	71.0	1.3	69.9	0.2	69.9	0.2	69.9	0.1	69.8	0.1	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.1
Q3	5	67.7	0.1	67.9	0.2	68.4	0.7	68.9	1.3	69.0	1.3	70.5	2.8	68.1	0.4	68.0	0.3	67.9	0.1	67.8	0.1	67.9	0.1	67.9	0.1	67.9	0.1	67.9	0.1
Q3	7	66.2	0.1	66.4	0.3	67.1	0.9	67.8	1.7	68.0	1.8	70.2	4.0	66.7	0.5	66.7	0.5	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1
Q3	top	65.0	0.1	65.3	0.4	66.1	1.1	67.1	2.1	67.2	2.2	70.2	5.3	66.0	1.0	65.8	0.8	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1
F1	at-grade	71.7	0.1	71.7	0.1	71.8	0.2	71.9	0.3	72.2	0.6	72.4	0.7	72.1	0.5	71.9	0.2	71.7	0.1	71.8	0.1	71.7	0.0	71.8	0.0	71.7	0.0	71.8	0.0
F1	3	72.8	0.1	72.9	0.2	73.0	0.3	73.1	0.4	73.6	0.8	73.7	0.9	73.4	0.7	73.1	0.3	72.9	0.2	73.0	0.2	72.8	0.0	72.9	0.0	72.9	0.0	72.9	0.0
F1	5	72.3	0.1	72.6	0.4	72.9	0.7	73.2	0.9	73.8	1.6	73.9	1.7	73.7	1.4	73.1	0.8	72.4	0.4	72.7	0.4	72.3	0.0	72.4	0.0	72.4	0.0	72.4	0.0
F1	7	71.6	0.1	72.1	0.5	72.5	0.9	73.0	1.4	73.4	1.9	73.9	2.3	73.3	1.7	72.8	1.2	71.7	0.4	72.0	0.4	71.6	0.0	71.7	0.0	71.7	0.0	71.7	0.0

Construction Nois

Exceed Le

Exceed 3 c

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
GG	3	58.4	0.2	58.3	0.2	58.2	0.1	58.6	0.4	59.3	1.2	58.6	0.4	58.4	0.2	58.3	0.1	58.3	0.1	58.2	0.0	58.3	0.1	58.9	0.7	58.5	0.3	58.3	0.1
GG	5	56.6	0.1	56.6	0.1	56.6	0.0	56.6	0.0	56.7	0.1	56.8	0.2	56.7	0.1	56.7	0.1	56.7	0.1	56.6	0.0	56.7	0.1	57.4	0.8	56.9	0.3	56.7	0.1
GG	top floor	54.9	0.1	54.9	0.1	54.9	0.0	55.0	0.1	55.1	0.2	55.0	0.1	55.0	0.1	54.9	0.0	55.0	0.1	54.9	0.1	55.0	0.1	55.6	0.7	55.3	0.4	55.0	0.1
HH	at-grade	63.3	0.5	63.8	0.9	63.2	0.3	63.2	0.3	63.1	0.2	64.2	1.3	64.0	1.0	63.4	0.5	63.2	0.2	63.2	0.2	63.2	0.2	63.2	0.2	63.2	0.2	63.2	0.2
HH	3	62.6	0.7	63.4	1.5	62.4	0.5	62.4	0.5	62.2	0.3	64.4	2.4	63.7	1.8	62.7	0.7	62.2	0.2	62.2	0.2	62.2	0.2	62.2	0.2	62.2	0.2	62.2	0.2
HH	top	61.3	1.1	62.7	2.4	61.0	0.7	60.9	0.6	60.6	0.3	63.7	3.4	63.1	2.7	61.5	1.1	60.6	0.2	60.6	0.2	60.6	0.2	60.7	0.3	60.6	0.2	60.6	0.2
II	at-grade	68.5	0.6	68.7	0.8	68.2	0.3	68.2	0.3	68.2	0.3	69.3	1.4	68.8	0.8	68.4	0.4	68.2	0.2	68.2	0.2	68.2	0.2	68.2	0.2	68.2	0.2	68.2	0.2
II	3	67.7	1.3	68.6	2.2	67.1	0.7	67.1	0.7	67.4	1.0	70.4	3.9	68.6	2.1	67.3	0.8	66.7	0.2	66.7	0.2	66.7	0.2	66.7	0.2	66.7	0.2	66.7	0.2
II	5	67.0	2.3	69.1	4.5	66.0	1.3	66.1	1.4	66.5	1.8	71.0	6.2	68.1	3.3	66.0	1.2	65.0	0.2	65.0	0.2	65.0	0.2	65.0	0.2	65.0	0.2	65.0	0.2
II	10	66.5	4.9	68.6	6.9	64.7	3.0	63.9	2.2	64.6	2.9	70.5	8.8	68.1	6.3	64.7	3.0	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2	62.0	0.2
II	top	66.1	5.3	68.4	7.5	64.2	3.3	63.4	2.5	64.2	3.3	70.2	9.3	67.8	6.9	64.2	3.3	61.2	0.2	61.2	0.2	61.2	0.2	61.2	0.2	61.2	0.2	61.2	0.2
JJ	at-grade	65.5	0.2	65.6	0.3	65.5	0.2	65.5	0.2	65.6	0.2	65.6	0.3	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2
JJ	3	65.6	0.2	65.8	0.4	65.6	0.2	65.7	0.2	65.8	0.4	66.0	0.5	65.8	0.3	65.7	0.2	65.7	0.2	65.7	0.2	65.7	0.2	65.7	0.2	65.7	0.2	65.7	0.2
JJ	5	64.7	0.3	64.9	0.5	64.7	0.2	64.7	0.3	64.9	0.4	65.2	0.7	64.8	0.4	64.7	0.2	64.7	0.2	64.7	0.2	64.7	0.2	64.7	0.2	64.7	0.2	64.7	0.2
JJ	10	62.3	0.5	62.6	0.8	62.1	0.3	62.2	0.3	62.4	0.6	62.9	1.0	62.4	0.5	62.1	0.3	62.0	0.2	62.0	0.2	62.1	0.2	62.1	0.2	62.1	0.2	62.1	0.2
JJ	15	60.4	0.6	60.9	1.1	60.1	0.3	60.3	0.4	60.6	0.8	61.2	1.3	60.5	0.6	60.2	0.3	60.0	0.2	60.0	0.1	60.1	0.2	60.1	0.2	60.1	0.2	60.1	0.2
JJ	top	59.0	0.7	59.6	1.2	58.7	0.4	58.9	0.5	59.4	1.0	60.0	1.6	59.1	0.8	58.7	0.3	58.5	0.1	58.5	0.1	58.6	0.2	58.6	0.2	58.6	0.2	58.6	0.2
KK	at-grade	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.8	0.1	68.8	0.1	68.8	0.1	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0
KK	3	67.6	0.1	67.6	0.1	67.7	0.1	67.7	0.1	67.8	0.1	67.8	0.2	67.8	0.1	67.7	0.1	67.7	0.0	67.7	0.0	67.7	0.1	67.8	0.1	67.8	0.1	67.7	0.0
KK	top	65.4	0.2	65.5	0.2	65.4	0.1	65.5	0.2	65.7	0.4	65.7	0.4	65.7	0.4	65.5	0.2	65.4	0.1	65.4	0.1	65.5	0.1	65.5	0.1	65.5	0.1	65.5	0.1
LL	at-grade	67.8	0.1	67.8	0.1	67.8	0.1	68.1	0.4	68.1	0.4	68.1	0.3	68.0	0.3	68.0	0.2	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0
LL	3	67.8	0.3	67.7	0.2	67.8	0.3	68.5	1.0	68.6	1.1	68.6	1.1	68.3	0.7	68.1	0.6	67.6	0.0	67.6	0.0	67.6	0.1	67.7	0.1	67.6	0.0	67.6	0.0
LL	5	67.0	0.7	67.0	0.6	67.1	0.7	68.2	1.8	68.3	1.9	68.1	1.7	68.0	1.6	67.7	1.2	66.5	0.0	66.5	0.0	66.5	0.1	66.6	0.1	66.6	0.1	66.5	0.0
LL	top	66.5	1.4	66.7	1.6	66.3	1.1	67.4	2.2	67.6	2.4	68.0	2.8	67.7	2.4	66.9	1.7	65.3	0.0	65.3	0.0	65.4	0.1	65.4	0.1	65.4	0.1	65.4	0.1
MM	at-grade	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.5	0.3	71.4	0.2	71.3	0.1
MM	3	70.7	0.1	70.6	0.0	70.6	0.0	70.6	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0	70.9	0.2	70.7	0.0	70.8	0.1	71.6	0.9	71.4	0.7	71.0	0.3
MM	top	70.2	0.3	69.9	0.0	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.0	0.0	70.4	0.4	70.0	0.0	70.2	0.2	71.6	1.6	71.0	1.0	70.4	0.4
NN	at-grade	71.6	0.3	71.3	0.0	71.3	0.0	71.3	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0	71.4	0.0
NN	3	71.7	0.9	70.8	0.0	70.8	0.0	70.8	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	71.0	0.1	70.9	0.0	70.9	0.0
NN	5	71.2	1.8	69.4	0.0	69.4	0.0	69.4	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.6	0.1	69.7	0.2	69.6	0.1	69.5	0.0
NN	top	71.4	3.1	68.3	0.0	68.3	0.0	68.3	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.4	0.0	68.5	0.1	68.7	0.3	68.5	0.1	68.4	0.0
OO	at-grade	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	68.0	0.0	68.0	0.0	68.0	0.0	68.0	0.0	68.0	0.0	68.0	0.0	68.1	0.1	68.0	0.0	68.0	0.0
OO	3	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.1	66.8	0.2	66.7	0.1	66.7	0.1
OO	5	64.8	0.0	64.8	0.0	64.8	0.0	64.8	0.0	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	65.0	0.1	64.9	0.0	65.0	0.1	65.2	0.3	65.1	0.2	65.0	0.1
OO	7	63.4	0.0	63.4	0.0	63.4	0.0	63.4	0.0	63.5	0.1	63.5	0.0	63.5	0.0	63.5	0.0	63.6	0.1	63.5	0.1	63.7	0.2	64.0	0.5	63.8	0.3	63.6	0.1
OO	top	61.4	0.1	61.4	0.0	61.4	0.0	61.5	0.1	61.5	0.1	61.5	0.1	61.5	0.0	61.5	0.0	61.7	0.2	61.6	0.1	61.8	0.3	62.3	0.8	62.0	0.5	61.8	0.3
PP	at-grade	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	68.0	0.1	67.9	0.0	67.9	0.1	68.4	0.5	68.3	0.4	68.1	0.2
PP	3	66.7	0.0	66.8	0.0	66.7	0.0	66.8	0.0	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	67.1	0.3	66.9	0.1	66.9	0.1	68.2	1.4	68.0	1.2	67.5	0.7
PP	5	65.2	0.0	65.3	0.1	65.2	0.0	65.3	0.1	65.4	0.1	65.3	0.0	65.3	0.0	65.3	0.0	66.2	1.0	65.6	0.3	65.8	0.5	68.4	3.1	68.0	2.7	67.0	1.7
PP	7	63.9	0.0	64.0	0.1	63.9	0.0	64.0	0.1	64.1	0.2	64.0	0.0	64.0	0.0	64.0	0.0	65.2	1.2	64.7	0.7	65.0	1.0	67.8	3.8	67.3	3.3	66.2	2.2
PP	top	62.0	0.1	62.0	0.0	61.9	0.0	62.1	0.2	62.4	0.4	62.0	0.1	62.0	0.1	62.0	0.0	63.8	1.8	63.2	1.2	63.6	1.6	67.0	5.0	66.2	4.2	64.9	2.9
QQ	at-grade	67.9	0.1	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	68.0	0.1	67.9	0.0	68.4	0.5	68.7	0.8	68.1	0.2	68.0	0.1
QQ	3	67.8	0.1	67.7	0.0	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	68.3	0.6	67.9	0.1	69.2	1.4	69.8	2.0	68.7	0.9	68.3	0.5
QQ	5	66.7	0.2	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	67.4	0.9	67.0	0.4	69.4	2.8	70.2	3.6	68.1	1.5	67.4	0.8
QQ	10	64.4	0.4	64.0	0.0	64.0	0.0	64.1	0.0	64.1	0.1	64.1	0.0	64.1	0.0	64.1	0.0	65.5	1.4	64.9	0.8	68.2	4.1	69.1	5.0	66.4	2.3	65.4	1.3
QQ	top	63.8	0.6	63.2	0.0	63.2	0.0	63.3	0.0	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	64.9	1.6	64.2	0.9	67.7	4.4	68.8	5.5	65.9	2.6	64.9	1.6
Q1	at-grade	69.7	0.3	69.8	0.3	69.7	0.2	69.7	0.2	69.7	0.2	69.9	0.3	69.9	0.4	69.8	0.2	69.8	0.2	69.8	0.2	69.8	0.2	69.8	0.2	69.8	0.2	69.8	0.2
Q1	3	69.6	0.3	69.7	0.3	69.6	0.2	69.6	0.2	69.6	0.2	69.8	0.4	69.9	0.4	69.7	0.2	69.6	0.2	69.6	0.2	69.6	0.2	69.7	0.2	69.7	0.2	69.7	0.2
Q1	5	68.4	0.3	68.5	0.4	68.4	0.2	68.4	0.2	68.4	0.1	68.8	0.6	68.8	0.5	68.5	0.3	68.4	0.1	68.4	0.1	68.4	0.1	68.4	0.1	68.4	0.1	68.4	0.1
Q1	7	67.3	0.4	67.4	0.5	67.2	0.2	67.2	0.2	67.2	0.1	67.9	0.8	68.0	0.9	67.4	0.4	67.2	0.1	67.2	0.1	67.2	0.1	67.2	0.1	67.2	0.1	67.2	0.1
Q1	top	66.4	0.5	66.6	0.7	66.1	0.3	66.1	0.2	66.1	0.1	67.0	1.0	67.1	1.1	66.4	0.4	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1
Q2	at-grade	73.7	0.1	73.6	0.1	73.6	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.7	0.1	73.8	0.1	73.8	0.1	73.8	0.1
Q2	3	70.5	0.1	70.4	0.1	70.4	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.5	0.1	70.6	0.1	70.6	0.1	70.6	0.1
Q2	5	68.7	0.1	68.6	0.1	68.6	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.7	0.1	68.8	0.1	68.8	0.1	68.8	0.1
Q2	7	67.3	0.1	67.3	0.1	67.3	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.4	0.1	67.5	0.1	67.5	0.1	67.5	0.1
Q2	top	66.2	0.1	66.2	0.1	66.2	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.3	0.1	66.4	0.1	66.4	0.1	66.4	0.1
Q3	at-grade	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1	74.0	0.1	74.0	0.1	74.0	0.1	74.0	0.1	74.0	0.1	74.0	0.1	74.1	0.1	74.1	0.1	74.1	0.1
Q3	3	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.1	70.0	0.1	70.0	0.1	70.0	0.1	70.0	0.1	70.0	0.0	70.0	0.0	70.1	0.1	70.1	0.1	70.0	0.0
Q3	5	67.9	0.1	67.9	0.1	67.9	0.1	67.9	0.1	67.9	0.1	68.0	0.1	68.0	0.1	68.0	0.1	68.0	0.1	68.0	0.0	68.0	0.1	68.1	0.1	68.1	0.1	68.0	0.0
Q3	7	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1	66.5	0.1	66.5	0.1	66.5	0.1	66.5	0.1	66.5	0.0	66.5	0.1	66.6	0.1	66.6	0.1	66.5	0.0
Q3	top	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1	65.3	0.1	65.3	0.1	65.3	0.1	65.3	0.1	65.3	0.1	65.3	0.0	65.3	0.1	65.4	0.1	65.4	0.1	65.4	0.1
F1	at-grade	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.9	0.1	71.9	0.1	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0
F1	3	72.9	0.0	72.9	0.0	72.9	0.0	72.9	0.0	72.9	0.0	73.0	0.1	73.0	0.1	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0
F1	5	72.4	0.1	72.4	0.1	72.4	0.0	72.4	0.0	72.4	0.0	72.5	0.1	72.6	0.1	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0
F1	7	71.7	0.1	71.7	0.1	71.7	0.0	71.7	0.0	71.7	0.0	71.9	0.2	71.9	0.2	71.8	0.1	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0	71.8	0.0

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower												Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
F1	top	70.0	0.2	71.0	1.2	71.8	2.0	72.7	2.8	73.4	3.5	74.7	4.8	72.9	3.0	72.1	2.2	70.0	0.8	70.7	0.8	69.9	0.0	70.0	0.0	70.0	0.0	70.0	0.0
F2	at-grade	70.8	0.0	70.9	0.0	70.9	0.1	71.0	0.1	71.1	0.2	71.2	0.3	71.0	0.1	71.0	0.1	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	70.9	0.0	71.0	0.0
F2	3	72.2	0.0	72.3	0.0	72.3	0.1	72.4	0.2	72.5	0.3	72.6	0.4	72.4	0.1	72.4	0.1	72.4	0.0	72.3	0.0	72.3	0.0	72.4	0.0	72.3	0.0	72.4	0.0
F2	5	71.7	0.0	71.8	0.1	71.9	0.2	72.0	0.3	72.3	0.5	72.3	0.6	72.0	0.2	71.9	0.1	71.9	0.0	71.8	0.0	71.8	0.0	71.9	0.0	71.9	0.0	71.9	0.0
F2	7	71.0	0.0	71.2	0.2	71.4	0.3	71.6	0.5	71.8	0.7	72.1	1.0	71.4	0.3	71.3	0.2	71.2	0.0	71.1	0.0	71.1	0.0	71.2	0.0	71.2	0.0	71.2	0.0
F2	top	69.3	0.0	69.7	0.4	70.2	0.8	70.7	1.4	70.9	1.5	72.4	3.0	70.2	0.8	70.0	0.6	69.5	0.0	69.4	0.0	69.4	0.0	69.5	0.0	69.5	0.0	69.5	0.0
F3	at-grade	72.9	0.0	72.9	0.0	73.0	0.0	73.0	0.0	73.0	0.1	73.1	0.1	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.1	0.0
F3	3	74.7	0.0	74.7	0.0	74.8	0.0	74.8	0.0	74.8	0.1	74.9	0.1	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.9	0.0
F3	top	74.6	0.0	74.7	0.0	74.7	0.0	74.7	0.1	74.8	0.1	74.9	0.2	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.8	0.0
S1	at-grade	67.1	0.1	67.2	0.2	67.4	0.4	67.6	0.5	67.8	0.8	68.0	0.9	68.2	1.1	67.7	0.6	67.2	0.3	67.4	0.3	67.1	0.0	67.2	0.0	67.2	0.0	67.2	0.0
S1	3	67.4	0.2	67.7	0.5	68.1	0.8	68.4	1.2	69.0	1.7	69.1	1.8	69.7	2.5	68.8	1.5	67.4	0.7	68.0	0.7	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.0
S1	5	66.6	0.1	67.6	1.1	68.3	1.7	68.9	2.3	69.7	3.1	69.7	3.1	70.8	4.3	69.4	2.8	66.7	1.5	68.1	1.5	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0
S1	7	65.8	0.1	67.1	1.4	68.0	2.3	69.0	3.3	69.6	3.8	70.0	4.2	71.1	5.3	69.8	4.0	65.9	1.7	67.5	1.7	65.9	0.1	65.9	0.1	65.9	0.1	65.9	0.1
S1	top	65.4	0.4	66.6	1.6	67.7	2.7	68.8	3.7	69.4	4.3	70.1	5.0	70.8	5.8	69.5	4.4	65.2	1.9	67.0	1.9	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1
S2	at-grade	63.9	0.1	64.0	0.2	64.1	0.2	64.1	0.2	64.8	0.9	65.0	1.1	65.3	1.4	64.4	0.5	64.0	0.3	64.2	0.3	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0
S2	3	63.2	0.3	63.4	0.5	63.4	0.5	63.5	0.5	64.9	1.9	65.4	2.4	65.9	2.9	64.0	1.0	63.1	0.7	63.7	0.7	63.1	0.0	63.1	0.0	63.1	0.0	63.1	0.0
S2	top	61.9	0.1	63.2	1.3	63.4	1.6	63.4	1.6	66.0	4.1	66.1	4.2	67.1	5.2	64.5	2.6	62.0	1.9	63.8	1.9	62.0	0.1	62.1	0.1	62.0	0.1	62.1	0.1
EE1	at-grade	61.6	0.3	61.6	0.3	61.8	0.4	61.9	0.6	62.8	1.4	62.7	1.4	63.1	1.7	62.2	0.8	61.5	0.5	61.9	0.5	61.4	0.0	61.5	0.1	61.4	0.0	61.5	0.0
EE1	3	60.6	0.6	60.6	0.5	60.9	0.8	61.1	1.1	62.7	2.6	62.7	2.6	63.3	3.2	61.7	1.6	60.2	1.1	61.2	1.1	60.2	0.1	60.3	0.2	60.2	0.0	60.2	0.0
EE1	top	59.2	0.9	59.5	1.2	59.9	1.5	60.3	2.0	62.8	4.4	62.9	4.5	63.6	5.3	61.3	2.9	58.5	1.9	60.4	2.0	58.5	0.0	58.5	0.1	58.5	0.0	58.5	0.0
H1	at-grade	64.9	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.2	0.3	65.1	0.1	65.1	0.1	65.0	0.0	67.2	0.0	66.0	1.1	66.9	1.9	68.5	3.5	66.4	1.4	66.1	1.1
H1	3	64.4	0.1	64.4	0.0	64.4	0.0	64.4	0.0	64.9	0.5	64.6	0.3	64.6	0.3	64.4	0.0	70.2	0.0	67.8	3.4	69.6	5.2	72.3	7.9	68.6	4.2	67.8	3.4
H1	top	63.4	0.1	63.4	0.1	63.4	0.1	63.4	0.1	64.2	0.8	63.8	0.4	63.8	0.4	63.4	0.1	73.2	0.1	70.0	6.6	72.3	8.9	75.6	12.2	71.2	7.8	70.0	6.6
H2	at-grade	65.2	0.1	65.2	0.0	65.2	0.0	65.2	0.0	65.3	0.2	65.3	0.1	65.3	0.1	65.2	0.0	67.0	0.0	66.0	0.8	66.7	1.5	68.0	2.8	66.3	1.1	66.1	0.9
H2	Top	64.1	0.1	64.1	0.1	64.1	0.1	64.1	0.1	64.4	0.4	64.3	0.3	64.3	0.3	64.1	0.1	69.4	0.0	67.2	3.1	68.9	4.8	71.4	7.3	67.9	3.8	67.2	3.1
H3	at-grade	65.5	0.0	65.6	0.0	65.6	0.1	65.6	0.1	65.7	0.2	65.7	0.1	65.6	0.1	65.6	0.0	67.0	0.0	66.2	0.6	66.8	1.2	67.8	2.3	66.4	0.9	66.3	0.7
H3	top	64.9	0.1	64.9	0.1	65.1	0.2	65.1	0.3	65.1	0.3	65.1	0.3	64.9	0.1	64.9	0.1	68.6	0.1	67.1	2.3	68.1	3.3	70.3	5.4	67.4	2.6	66.9	2.1
NN1	at-grade	69.1	0.1	69.1	0.1	69.1	0.0	69.1	0.1	69.3	0.3	69.3	0.3	69.3	0.2	69.1	0.0	69.8	0.1	69.4	0.3	69.8	0.6	70.3	1.2	69.5	0.4	69.5	0.3
NN1	3	68.7	0.1	68.7	0.1	68.7	0.1	68.8	0.1	69.1	0.4	69.1	0.4	69.1	0.4	68.7	0.0	70.3	0.1	69.4	0.7	70.1	1.4	71.2	2.4	69.6	0.9	69.5	0.8
NN1	top	66.8	0.1	66.8	0.1	66.8	0.1	66.9	0.2	67.5	0.7	67.5	0.8	67.5	0.7	66.8	0.0	70.2	0.1	68.8	2.0	70.3	3.5	71.8	4.9	69.0	2.2	68.7	1.9
NN2	at-grade	69.4	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.6	0.2	69.7	0.2	69.7	0.2	69.5	0.0	69.6	0.1	69.6	0.2	69.8	0.3	69.9	0.4	69.6	0.1	69.6	0.1
NN2	3	68.5	0.0	68.6	0.1	68.6	0.0	68.6	0.1	68.9	0.3	69.0	0.5	69.0	0.4	68.6	0.1	68.8	0.1	68.9	0.3	69.1	0.6	69.4	0.8	68.7	0.1	68.7	0.1
NN2	top	66.4	0.0	66.5	0.1	66.5	0.1	66.6	0.2	67.1	0.6	67.2	0.8	67.1	0.7	66.5	0.1	67.5	0.1	67.3	0.9	68.2	1.8	68.9	2.4	67.1	0.6	67.0	0.5
QQ1	at-grade	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.1	66.6	0.0	66.6	0.0
QQ1	3	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.2	0.0	66.2	0.0	66.2	0.0	66.2	0.0	66.4	0.0	66.2	0.1	66.3	0.1	66.5	0.3	66.3	0.1	66.3	0.1
QQ1	5	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0
QQ1	10	62.1	0.0	62.1	0.0	62.1	0.0	62.1	0.0	62.2	0.0	62.2	0.0	62.2	0.0	62.2	0.0	62.4	0.0	62.3	0.1	62.2	0.1	62.6	0.5	62.3	0.1	62.2	0.0
QQ1	top	61.2	0.0	61.2	0.0	61.2	0.0	61.2	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.0	61.7	0.0	61.4	0.1	61.4	0.2	62.1	0.8	61.6	0.3	61.5	0.2
II1	at-grade	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.2	0.2	69.1	0.2	69.1	0.2	69.2	0.2	69.2	0.2	69.2	0.2
II1	3	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2
II1	5	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2
II1	10	63.3	0.2	63.2	0.1	63.3	0.1	63.3	0.1	63.3	0.2	63.3	0.2	63.3	0.2	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1
II1	top	62.4	0.2	62.3	0.1	62.4	0.1	62.4	0.1	62.4	0.2	62.4	0.2	62.4	0.2	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1
KK1	at-grade	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.6	0.3	70.1	0.8	70.2	0.9	69.3	0.0	69.3	0.2	69.5	0.2	69.4	0.1	69.4	0.1	69.3	0.0	69.3	0.0
KK1	3	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	69.3	0.7	70.4	1.8	70.5	1.9	68.6	0.0	68.6	0.5	69.2	0.6	68.8	0.2	68.7	0.1	68.6	0.0	68.6	0.0
KK1	top	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	68.3	1.1	69.9	2.7	69.8	2.6	67.2	0.0	67.2	0.7	68.0	0.8	67.4	0.2	67.4	0.2	67.2	0.0	67.2	0.0
LL1	at-grade	68.7	0.0	68.7	0.0	68.8	0.0	68.8	0.0	68.9	0.1	69.0	0.3	69.1	0.3	68.8	0.0	68.9	0.1	69.0	0.2	68.8	0.0	68.9	0.0	68.8	0.0	68.9	0.0
LL1	3	69.1	0.0	69.1	0.0	69.2	0.0	69.2	0.0	69.3	0.1	69.6	0.4	69.7	0.5	69.2	0.0	69.3	0.3	69.5	0.3	69.3	0.0	69.3	0.1	69.3	0.0	69.3	0.0
LL1	5	68.1	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.4	0.4	69.2	1.2	69.4	1.3	68.1	0.0	68.1	0.4	68.5	0.4	68.1	0.0	68.2	0.1	68.1	0.0	68.2	0.0
LL1	top	67.1	0.1	67.1	0.0	67.1	0.0	67.1	0.0	67.7	0.6	69.1	2.0	69.1	2.1	67.1	0.0	67.2	0.9	68.0	0.9	67.2	0.1	67.2	0.1	67.2	0.0	67.2	0.0
PP1	at-grade	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0	68.1	0.0	68.2	0.0
PP1	3	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0	66.8	0.0	66.9	0.0
PP1	5	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.1	0.0	65.2	0.0	65.1	0.0	65.2	0.0	65.3	0.2	65.2	0.0	65.2	0.0
PP1	Top	62.2	0.0	62.2	0.0	62.2	0.0	62.2	0.0	62.3	0.0	62.3	0.0	62.3	0.1	62.2	0.0	62.3	0.0	62.3	0.1	62.4	0.1	62.9	0.6	62.3	0.0	62.3	0.0
PP2	at-grade	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.1	0.0	66.0	0.0	66.1	0.0
PP2	3	64.6	0.0	64.6	0.0	64.6	0.0	64.6	0.0	64.6	0.0	64.6	0.0	64.7	0.0	64.6	0.0	64.7	0.0	64.6	0.0	64.6	0.0	64.7	0.1	64.6	0.0	64.7	0.0
PP2	5	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.1	62.8	0.0	62.9	0.0	62.8	0.0	62.9	0.0	63.1	0.3	62.9	0.0	62.9	0.0
PP2	Top	59.8	0.0	59.8	0.0	59.9	0.0	59.9	0.1	60.0	0.1	59.9	0.1	60.0	0.2	59.8	0.0	60.0	0.0	59.9	0.1	60.1	0.2	60.8	1.0	59.9	0.1	59.9	0.1
H4	at-grade	67.6	0.1	67.6	0.1	67.7	0.1	67.7	0.2	67.8	0.2	68.0	0.4	67.7	0.1	67.6	0.1	68.3	0.1	67.9	0.3	68.2	0.7	68.8	1.2	68.0	0.4	68.0	0.4
H4	Top	66.5	0.1	66.6	0.2	66.6	0.2	66.8	0.4	66.9	0.4	67.3	0.9	66.6	0.1	66.6	0.1	68.4	0.1	67.5	1.1	68.2	1.7	69.5	3.0	67.7	1.2	67.5	1.0
EE2	at-grade	59.8	0.3	59.9	0.3	60.0	0.5	60.2	0.7	61.1	1.5	61.1	1.5	61.5	1.9	60.5	1.0	59.7	0.6	60.2	0.6	59.6	0.0	59.7	0.0	59.6	0.0	59.7	0.0
EE2	3	58.7	0.7	58.7	0.7	59.0	1.0	59.3	1.3	61.0	2.9	61.0	3.0	61.7	3.7	60.0	1.9	58.2	1.3	59.5	1.4	58.2	0.0	58.2	0.1	58.2	0.0	58.2	0.0
EE2	top	56.8	1.3	57.0	1.4	57.4	1.8	58.0	2.4	60.8	5.2	60.9	5.3	61.9	6.3	59.4	3.8	55.7	2.5	58.1	2.5	55.7	0.1	55.7	0.1	55.7	0.0	55.7	0.0
EE3	at-grade	59.8	0.3	59.8	0.3	59.9	0.4	60.1	0.5	60.7	1.2	60.8	1.3	61.2	1.6	60.4	0.8	59.7	0.5	60.1	0.5	59.6	0.0	59.7	0.0	59.6	0.0	59.7	0.0
S3	at-grade	62.4	0.1	62.4	0.1	62.4	0.0	62.4	0.1	62.6	0.2	62.7	0.3	62.9	0.5	62.6	0.2	62.5	0.2	62.6	0.2	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0

Construction Nois

Exceed Le

Exceed 3 d

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
F1	top	70.1	0.1	70.2	0.2	70.0	0.1	70.1	0.1	70.0	0.0	70.3	0.3	70.3	0.3	70.2	0.1	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0
F2	at-grade	71.0	0.0	71.0	0.0	71.0	0.0	71.0	0.0	71.0	0.0	71.0	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0	71.1	0.0
F2	3	72.4	0.0	72.4	0.0	72.4	0.0	72.4	0.0	72.4	0.0	72.4	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0	72.5	0.0
F2	5	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0
F2	7	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.3	0.0	71.3	0.0
F2	top	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0
F3	at-grade	73.1	0.0	73.1	0.0	73.1	0.0	73.1	0.0	73.1	0.0	73.1	0.0	73.2	0.0	73.2	0.0	73.2	0.0	73.2	0.0	73.2	0.0	73.2	0.0	73.2	0.0	73.2	0.0
F3	3	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	75.0	0.0	75.0	0.0	75.0	0.0	75.0	0.0	75.0	0.0	75.0	0.0	75.0	0.0	75.0	0.0
F3	top	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0	74.9	0.0
S1	at-grade	67.2	0.0	67.2	0.1	67.2	0.0	67.2	0.0	67.2	0.0	67.3	0.1	67.4	0.1	67.3	0.1	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0
S1	3	67.4	0.1	67.5	0.1	67.4	0.1	67.4	0.0	67.4	0.0	67.5	0.0	67.6	0.2	67.5	0.1	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0
S1	5	66.7	0.1	66.8	0.1	66.8	0.1	66.7	0.0	66.8	0.0	66.9	0.2	67.0	0.3	66.9	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0
S1	7	65.9	0.1	66.0	0.1	66.0	0.1	66.0	0.1	66.0	0.1	66.1	0.2	66.4	0.4	66.1	0.2	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0
S1	top	65.3	0.1	65.4	0.2	65.3	0.1	65.3	0.1	65.3	0.1	65.5	0.2	65.8	0.6	65.5	0.3	65.3	0.0	65.3	0.0	65.3	0.0	65.4	0.1	65.3	0.0	65.3	0.0
S2	at-grade	64.0	0.0	64.1	0.1	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.1	64.2	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0
S2	3	63.2	0.1	63.3	0.2	63.2	0.1	63.2	0.0	63.2	0.0	63.3	0.1	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0
S2	top	62.1	0.1	62.3	0.3	62.2	0.1	62.1	0.1	62.2	0.1	62.4	0.3	62.3	0.2	62.2	0.1	62.2	0.0	62.2	0.0	62.2	0.0	62.3	0.1	62.2	0.0	62.2	0.0
EE1	at-grade	61.5	0.0	61.6	0.1	61.5	0.1	61.5	0.0	61.6	0.0	61.7	0.2	61.9	0.3	61.7	0.1	61.6	0.0	61.6	0.0	61.6	0.0	61.7	0.1	61.6	0.0	61.6	0.0
EE1	3	60.2	0.0	60.4	0.2	60.3	0.1	60.3	0.1	60.3	0.1	60.8	0.5	61.0	0.7	60.5	0.2	60.3	0.0	60.3	0.0	60.3	0.0	60.4	0.1	60.4	0.1	60.3	0.0
EE1	top	58.7	0.3	59.0	0.5	58.6	0.1	58.5	0.0	58.6	0.1	59.3	0.7	59.7	1.1	58.9	0.4	58.6	0.0	58.6	0.0	58.6	0.0	58.6	0.0	58.6	0.0	58.6	0.0
H1	at-grade	66.1	1.1	65.0	0.0	65.0	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.4	0.3	65.1	0.0	65.4	0.3	66.2	1.1	65.7	0.6	65.4	0.3
H1	3	67.8	3.4	64.4	0.0	64.4	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	64.5	0.0	65.1	0.6	64.6	0.1	65.0	0.5	66.4	1.9	65.6	1.1	65.0	0.5
H1	top	70.0	6.6	63.4	0.0	63.4	0.0	63.5	0.1	63.6	0.1	63.5	0.0	63.5	0.0	63.5	0.0	64.7	1.2	63.7	0.2	64.6	1.1	66.7	3.2	65.2	1.7	64.4	0.9
H2	at-grade	66.1	0.9	65.2	0.0	65.2	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.3	0.0	65.5	0.2	65.3	0.0	65.6	0.3	66.2	0.9	65.8	0.5	65.5	0.2
H2	Top	67.2	3.1	64.2	0.0	64.1	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.8	0.6	64.3	0.1	64.8	0.6	66.2	2.0	65.2	1.0	64.7	0.5
H3	at-grade	66.3	0.7	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.6	0.0	65.8	0.2	65.6	0.0	65.9	0.3	66.4	0.8	66.0	0.4	65.8	0.2
H3	top	67.0	2.1	64.9	0.1	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	64.9	0.0	65.3	0.4	65.0	0.1	65.4	0.5	66.5	1.6	65.7	0.8	65.2	0.3
NN1	at-grade	69.5	0.3	69.2	0.0	69.2	0.0	69.2	0.0	69.2	0.0	69.2	0.0	69.2	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0
NN1	3	69.5	0.8	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.8	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	69.0	0.1	68.9	0.0	68.9	0.0
NN1	top	68.8	1.9	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.1	67.1	0.1	67.1	0.1	67.0	0.0
NN2	at-grade	69.6	0.1	69.5	0.0	69.5	0.0	69.5	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0	69.6	0.0
NN2	3	68.7	0.1	68.6	0.0	68.6	0.0	68.6	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0
NN2	top	67.0	0.5	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.1	66.6	0.0	66.6	0.0
QQ1	at-grade	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	67.2	0.5	67.0	0.3	66.7	0.0	66.7	0.0
QQ1	3	66.3	0.1	66.2	0.0	66.2	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.3	0.0	66.4	0.1	67.2	0.9	66.9	0.6	66.4	0.1	66.3	0.0
QQ1	5	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.2	65.2	0.1	67.0	1.9	66.6	1.5	65.4	0.3	65.2	0.1
QQ1	10	62.3	0.1	62.2	0.0	62.2	0.0	62.3	0.0	62.3	0.1	62.3	0.0	62.3	0.0	62.3	0.0	62.5	0.3	62.7	0.4	65.6	3.3	64.8	2.5	62.8	0.5	62.5	0.2
QQ1	top	61.5	0.2	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	61.7	0.3	61.9	0.5	65.1	3.7	64.4	3.0	62.0	0.6	61.7	0.3
II1	at-grade	69.2	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.1	0.2	69.2	0.2	69.2	0.2	69.1	0.2	69.2	0.2	69.2	0.2	69.2	0.2	69.2	0.2	69.2	0.2	69.2	0.2
II1	3	67.7	0.2	67.7	0.2	67.7	0.1	67.7	0.1	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1
II1	5	66.1	0.2	66.1	0.2	66.1	0.1	66.1	0.1	66.2	0.2	66.2	0.2	66.1	0.2	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1	66.1	0.1
II1	10	63.3	0.2	63.4	0.2	63.3	0.1	63.3	0.1	63.4	0.2	63.4	0.3	63.4	0.2	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.1
II1	top	62.4	0.2	62.5	0.2	62.4	0.1	62.4	0.2	62.5	0.2	62.6	0.3	62.5	0.2	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.1
KK1	at-grade	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0
KK1	3	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
KK1	top	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.3	0.1	67.3	0.1	67.3	0.1	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0
LL1	at-grade	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0	69.0	0.0
LL1	3	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.3	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0	69.4	0.0
LL1	5	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.3	0.1	68.3	0.1	68.4	0.1	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
LL1	top	67.3	0.1	67.3	0.1	67.3	0.1	67.5	0.3	67.8	0.6	67.7	0.4	67.5	0.3	67.3	0.1	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0
PP1	at-grade	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0
PP1	3	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0
PP1	5	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.3	0.1	65.2	0.0	65.2	0.0
PP1	Top	62.3	0.0	62.3	0.0	62.3	0.0	62.3	0.0	62.4	0.1	62.3	0.0	62.3	0.0	62.3	0.0	62.7	0.4	62.3	0.0	62.4	0.1	64.2	1.9	62.8	0.5	62.5	0.2
PP2	at-grade	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0
PP2	3	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0
PP2	5	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0	63.0	0.1	62.9	0.0	62.9	0.0
PP2	Top	59.9	0.1	59.9	0.0	59.9	0.0	60.0	0.1	60.3	0.5	60.0	0.1	60.0	0.1	59.9	0.0	60.5	0.6	60.0	0.1	60.1	0.2	61.7	1.8	60.3	0.4	60.1	0.2
H4	at-grade	68.0	0.4	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.0	67.8	0.1	67.8	0.1	67.9	0.2	68.1	0.4	67.9	0.2	67.8	0.1
H4	Top	67.5	1.0	66.6	0.1	66.6	0.1	66.6	0.1	66.6	0.1	66.6	0.1	66.6	0.1	66.6	0.1	66.8	0.2	66.7	0.1	66.9	0.3	67.5	0.9	67.0	0.4	66.8	0.2
EE2	at-grade	59.7	0.0	59.8	0.1	59.8	0.1	59.8	0.1	60.0	0.3	60.0	0.3	60.2	0.4	59.9	0.1	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0
EE2	3	58.2	0.0	58.4	0.2	58.4	0.2	58.6	0.4	59.0	0.8	58.9	0.7	59.2	1.0	58.6	0.3	58.3	0.0	58.3	0.0	58.3	0.0	58.4	0.1	58.3	0.0	58.3	0.0
EE2	top	56.0	0.3	56.4	0.7	55.9	0.2	55.8	0.1	55.8	0.1	57.0	1.3	57.4	1.6	56.3	0.6	55.8	0.0	55.8	0.0	55.8	0.0	55.9	0.1	55.8	0.0	55.8	0.0
EE3	at-grade	59.7	0.0	59.8	0.1	59.7	0.1	59.7	0.0	60.0	0.3	59.9	0.2	60.1	0.3	59.9	0.1	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0	59.8	0.0
S3	at-grade	62.5	0.0	62.6	0.1	62.6	0.0	62.6	0.0	62.6	0.0	62.7	0.1	62.7	0.1	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0	62.7	0.0

Construction Noise Results (LaGuardia Place Staging Option)

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS

CadnaA Receptor Sites	Elevation (floor)	Temporary Gym		Zipper Tower														Overlap				Bleecker School							
		2013-4Q		2014-3Q		2015-Q2		2015-Q3		2016-Q1		2016-Q3		2017-Q2		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
S3	Top	60.9	0.3	60.9	0.2	60.7	0.1	60.8	0.1	61.2	0.5	61.5	0.8	61.8	1.1	61.3	0.5	60.8	0.4	61.1	0.4	60.8	0.0	60.8	0.0	60.8	0.0	60.8	0.0
S4	at-grade	61.5	0.1	61.5	0.1	61.7	0.2	61.7	0.3	61.9	0.5	62.2	0.7	62.3	0.8	61.8	0.3	61.5	0.2	61.7	0.2	61.5	0.0	61.6	0.0	61.5	0.0	61.6	0.0
S4	3	59.9	0.2	60.1	0.4	60.4	0.7	60.7	1.0	61.3	1.5	62.0	2.3	62.4	2.6	61.1	1.3	59.9	0.7	60.6	0.8	59.8	0.0	59.9	0.0	59.9	0.0	59.9	0.0
S4	Top	57.1	0.1	57.4	0.4	57.7	0.6	57.7	0.6	59.3	2.3	59.5	2.4	60.1	3.0	58.1	1.0	57.2	1.1	58.2	1.1	57.2	0.0	57.2	0.1	57.2	0.0	57.2	0.0
Y1	at-grade	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0	67.8	0.0	67.9	0.1	68.0	0.2	67.9	0.1	67.9	0.1
Y1	3	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.6	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.9	0.0	67.7	0.1	67.8	0.1	68.1	0.4	67.8	0.1	67.8	0.1
Y1	5	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.8	0.0	66.6	0.1	66.7	0.2	67.0	0.5	66.6	0.2	66.6	0.1
Y1	Top	63.4	0.0	63.4	0.0	63.4	0.0	63.4	0.0	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0	64.1	0.0	63.7	0.3	64.0	0.5	64.7	1.2	63.8	0.3	63.8	0.3
PP3	at-grade	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0
PP3	Top	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0

Construction Nois

Exceed Le

Exceed 3 d

Exceed CE

Additional

Impact Off

Revised

CadnaA Receptor Sites	Elevation (floor)	Mercer																		LaGuardia									
		2021-Q4		2022-Q3		2023-Q4		2024-Q3		2025-Q3		2026-Q2		2027-Q2		2027-Q4		2028-Q4		2029-Q1		2029-Q3		2030-Q3		2031-Q1		2031-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
S3	Top	60.9	0.1	61.0	0.2	60.9	0.0	60.9	0.0	60.9	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0	61.0	0.0
S4	at-grade	61.6	0.0	61.7	0.1	61.6	0.0	61.6	0.0	61.7	0.0	61.8	0.1	61.8	0.1	61.7	0.1	61.7	0.0	61.7	0.0	61.7	0.0	61.7	0.0	61.7	0.0	61.7	0.0
S4	3	60.0	0.2	60.2	0.3	60.0	0.1	60.0	0.1	60.0	0.1	60.4	0.5	60.4	0.5	60.2	0.2	60.0	0.0	60.0	0.0	60.0	0.0	60.0	0.0	60.0	0.0	60.0	0.0
S4	Top	57.3	0.1	57.5	0.3	57.3	0.1	57.3	0.1	57.3	0.1	57.5	0.3	57.4	0.1	57.3	0.0	57.3	0.0	57.3	0.0	57.3	0.0	57.3	0.0	57.3	0.0	57.3	0.0
Y1	at-grade	67.9	0.1	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0	67.9	0.0	67.9	0.0	67.9	0.0	68.1	0.2	67.9	0.0	68.1	0.2	68.5	0.6	68.3	0.4	68.1	0.2
Y1	3	67.8	0.1	67.7	0.0	67.7	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	68.2	0.4	67.8	0.1	68.1	0.3	68.9	1.1	68.5	0.7	68.2	0.4
Y1	5	66.6	0.1	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	67.4	0.8	66.7	0.1	67.2	0.6	68.6	2.0	67.9	1.3	67.4	0.8
Y1	Top	63.8	0.3	63.5	0.0	63.5	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	65.1	1.5	64.1	0.6	65.8	2.2	67.5	3.9	66.1	2.5	65.2	1.6
PP3	at-grade	67.0	0.0	67.0	0.0	67.0	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.2	0.1	67.1	0.0	67.1	0.0
PP3	Top	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.1	66.6	0.0	66.6	0.0

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
1	at-grade	72.7	0.1	72.7	0.0	72.8	0.1	73.0	0.3	72.8	0.1	72.8	0.1	72.8	0.1	72.8	0.1	72.8	0.1
2	at-grade	76.8	12.5	81.6	17.3	81.6	17.3	66.0	1.8	64.9	0.6	64.9	0.6	64.9	0.6	64.9	0.6	65.1	0.8
3	at-grade	63.7	0.3	64.4	0.9	65.1	1.6	66.1	2.6	67.0	3.5	64.9	1.4	64.7	1.2	64.8	1.3	63.6	0.0
4	at-grade	64.6	0.0	64.6	0.0	65.3	0.7	66.0	1.4	66.3	1.7	64.9	0.3	64.8	0.2	64.8	0.2	64.6	0.0
5	at-grade	61.4	0.0	61.4	0.0	61.7	0.3	61.6	0.2	62.7	1.3	61.8	0.4	61.7	0.3	61.7	0.3	61.6	0.1
6	at-grade	62.6	0.1	62.6	0.1	62.6	0.1	63.0	0.4	62.7	0.1	62.7	0.1	62.7	0.1	62.7	0.1	62.7	0.1
7	at-grade	63.7	1.9	63.4	1.6	63.4	1.6	64.0	2.1	62.7	0.8	62.6	0.7	62.6	0.7	65.0	3.1	75.8	13.9
8	at-grade	56.1	0.1	56.2	0.1	56.3	0.2	56.3	0.2	56.5	0.4	56.2	0.1	56.2	0.1	61.1	5.0	62.2	6.1
9	at-grade	68.2	0.0	68.5	0.3	68.5	0.3	68.3	0.2	68.5	0.3	68.3	0.1	68.3	0.1	68.3	0.1	68.2	0.0
10	at-grade	66.7	0.3	66.7	0.3	66.7	0.3	67.3	0.9	66.7	0.3	66.7	0.3	66.8	0.3	66.8	0.3	66.8	0.3
11	at-grade	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.1	0.0	66.2	0.0	66.2	0.0	66.2	0.0
12	at-grade	69.8	0.0	69.8	0.0	70.0	0.2	70.4	0.5	70.3	0.5	70.0	0.1	70.0	0.1	70.0	0.1	69.9	0.0
A1	at-grade	58.7	0.2	58.7	0.2	58.7	0.2	58.9	0.4	58.7	0.2	58.6	0.1	58.6	0.1	63.7	5.2	66.3	7.8
A1	3	60.2	0.4	60.2	0.3	60.2	0.3	60.4	0.5	60.1	0.2	60.1	0.2	60.0	0.1	74.2	14.2	78.5	18.5
A1	5	62.3	1.0	61.9	0.6	61.9	0.6	61.7	0.4	61.5	0.2	61.5	0.1	61.4	0.1	75.2	13.8	78.4	17.0
A1	10	64.0	1.3	63.5	0.8	63.5	0.8	63.0	0.3	62.9	0.1	62.9	0.1	62.9	0.1	73.5	10.7	76.6	13.8
A1	top floor	65.3	1.1	65.0	0.8	65.0	0.8	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	71.7	7.5	74.3	10.1
A2	at-grade	58.5	0.1	58.5	0.1	58.6	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0	63.2	4.7	62.7	4.2
A2	3	59.9	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.0	60.0	0.0	73.2	13.3	78.1	18.1
A2	5	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	74.3	13.0	77.7	16.3
A2	10	63.1	0.4	63.0	0.3	63.0	0.3	62.9	0.2	62.9	0.1	62.8	0.0	62.8	0.0	72.9	10.1	75.8	13.0
A2	top floor	64.4	0.2	64.3	0.2	64.3	0.2	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	71.3	7.1	73.9	9.7
A3	at-grade	58.5	0.0	58.5	0.1	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0	62.5	4.0	61.9	3.4
A3	3	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0	70.1	10.2	74.6	14.7
A3	5	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	71.3	9.9	74.4	13.1
A3	10	62.8	0.1	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0	70.7	7.9	73.5	10.7
A3	top floor	64.2	0.1	64.2	0.0	64.2	0.1	64.2	0.1	64.3	0.1	64.2	0.0	64.2	0.0	69.9	5.7	72.4	8.2
A4	at-grade	58.5	0.0	58.5	0.1	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0	62.1	3.6	62.9	4.4
A4	3	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0	65.8	5.9	69.2	9.3
A4	5	61.3	0.0	61.4	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	68.3	6.9	71.3	9.9
A4	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0	68.7	5.9	71.4	8.6
A4	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	68.5	4.3	70.8	6.6
A5	at-grade	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.6	0.1	58.5	0.0	58.5	0.0	61.4	2.9	62.5	4.0
A5	3	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.0	0.1	59.9	0.0	60.0	0.0	63.9	3.9	65.4	5.4
A5	5	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.1	61.4	0.1	61.4	0.0	61.4	0.0	66.0	4.6	68.0	6.6
A5	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0	67.0	4.2	69.0	6.2
A5	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	67.3	3.1	69.2	5.0
A6	at-grade	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.7	0.2	58.5	0.0	58.5	0.0	60.7	2.2	61.4	2.9
A6	3	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.1	0.2	60.0	0.0	60.0	0.0	62.7	2.8	63.5	3.6
A6	5	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.5	0.1	61.4	0.0	61.4	0.0	64.0	2.6	65.6	4.3
A6	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	62.8	0.0	62.8	0.0	65.7	2.9	67.0	4.2
A6	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	66.5	2.3	67.7	3.5
A7	at-grade	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.7	0.2	58.5	0.0	58.6	0.1	60.4	1.9	61.3	2.8
A7	3	59.9	0.0	59.9	0.0	60.0	0.1	60.0	0.1	60.1	0.2	60.0	0.1	60.0	0.1	62.1	2.2	63.1	3.2
A7	5	61.3	0.0	61.3	0.0	61.4	0.1	61.4	0.1	61.6	0.2	61.4	0.1	61.4	0.1	63.2	1.9	64.6	3.2
A7	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.1	62.8	0.0	62.8	0.0	65.1	2.3	66.3	3.5
A7	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	66.0	1.8	67.2	3.0
A8	at-grade	58.5	0.1	58.6	0.1	58.6	0.1	58.6	0.1	58.7	0.2	58.5	0.1	58.5	0.0	59.7	1.2	60.4	1.9
A8	3	59.9	0.1	60.0	0.1	60.1	0.2	60.0	0.1	60.4	0.5	60.1	0.2	60.0	0.0	61.4	1.5	62.2	2.2
A8	5	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.1	61.8	0.5	61.5	0.2	61.4	0.0	62.6	1.2	63.2	1.9
A8	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.0	63.4	0.7	63.0	0.2	62.8	0.0	64.1	1.3	65.1	2.3
A8	top floor	64.2	0.0	64.2	0.0	64.2	0.1	64.2	0.1	64.8	0.6	64.4	0.2	64.3	0.1	65.3	1.1	66.1	1.9
A9	at-grade	58.5	0.0	58.5	0.0	58.5	0.1	58.6	0.1	58.8	0.3	58.6	0.1	58.5	0.0	58.6	0.1	58.6	0.1
A9	3	59.9	0.0	60.0	0.1	60.0	0.1	60.0	0.1	60.9	1.0	60.1	0.2	60.0	0.0	60.0	0.1	60.0	0.1
A9	5	61.3	0.0	61.3	0.0	61.4	0.0	61.4	0.1	62.1	0.8	61.5	0.2	61.4	0.0	61.4	0.1	61.4	0.1
A9	10	62.8	0.0	62.8	0.0	62.8	0.0	62.8	0.1	63.7	0.9	63.0	0.2	62.8	0.0	62.8	0.0	62.8	0.0
A9	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.1	65.0	0.8	64.3	0.1	64.2	0.0	64.2	0.0	64.2	0.0
A10	at-grade	59.9	0.0	59.9	0.0	60.0	0.1	60.1	0.2	60.1	0.1	60.0	0.1	60.0	0.1	60.0	0.1	60.0	0.1
A10	3	61.3	0.0	61.4	0.0	61.4	0.1	61.6	0.2	61.5	0.2	61.4	0.1	61.4	0.1	61.5	0.1	61.4	0.0
A10	5	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.1	62.9	0.1	62.8	0.0	62.8	0.0	62.9	0.1	62.9	0.0
A10	10	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.3	0.1	64.2	0.0	64.3	0.0	64.3	0.0	64.3	0.0
A10	top floor	65.6	0.0	65.6	0.0	65.6	0.0	65.7	0.0	65.7	0.0	65.6	0.0	65.7	0.0	65.7	0.0	65.7	0.0
A11	at-grade	59.0	0.1	59.0	0.1	59.0	0.1	59.3	0.3	59.1	0.1	59.1	0.1	59.1	0.1	59.1	0.1	59.1	0.1
A11	3	60.4	0.0	60.4	0.1	60.5	0.1	60.7	0.3	60.5	0.1	60.5	0.1	60.5	0.1	60.5	0.1	60.5	0.1
A11	5	61.8	0.0	61.9	0.0	61.9	0.1	62.0	0.2	61.9	0.1	61.9	0.0	61.9	0.0	61.9	0.1	61.9	0.1
A11	10	63.3	0.0	63.3	0.0	63.3	0.0	63.4	0.1	63.3	0.1	63.3	0.0	63.3	0.0	63.3	0.0	63.3	0.0
A11	top floor	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.1	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0
A12	at-garde	58.5	0.1	58.5	0.1	58.6	0.1	58.8	0.3	58.6	0.1	58.6	0.1	58.6	0.1	58.7	0.2	58.8	0.3
A12	3	59.9	0.1	60.0	0.1	60.0	0.1	60.2	0.3	60.0	0.1	60.0	0.1	60.0	0.1	60.1	0.1	60.2	0.2
A12	5	61.4	0.0	61.4	0.1	61.4	0.1	61.6	0.2	61.4	0.1	61.4	0.0	61.4	0.0	61.5	0.1	61.5	0.2
A12	10	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.1	62.8	0.1	62.8	0.0	62.8	0.0	62.9	0.1	62.9	0.1
A12	top floor	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0	64.3	0.1
A13	at-grade	58.7	0.1	58.7	0.1	58.7	0.1	59.0	0.4	58.7	0.1	58.7	0.1	58.7	0.1	59.0	0.4	59.4	0.8
A13	3	60.1	0.1	60.1	0.1	60.1	0.1	60.4	0.4	60.1	0.1	60.1	0.1	60.1	0.1	60.3	0.3	60.7	0.7
A13	5	61.5	0.1	61.5	0.1	61.5	0.1	61.8	0.3	61.6	0.1	61.5	0.1	61.5	0.1	61.7	0.2	62.0	0.5
A13	10	62.9	0.1	62.9	0.1	62.9	0.1	63.1	0.2	62.9	0.1	62.9	0.0	62.9	0.0	63.0	0.2	63.2	0.3
A13	top floor	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.4	0.1	64.5	0.2
A14	at-garde	59.2	0.2	59.2	0.2	59.2	0.2	59.6	0.6	59.2	0.2	59.1	0.2	59.2	0.2	59.5	0.5	61.2	2.2
A14	3	60.7	0.3	60.7	0.3	60.7	0.3	61.1	0.7	60.6	0.2	60.6	0.2	60.6	0.2	61.0	0.5	62.7	2.3
A14	5	62.0	0.2	62.0	0.2	62.0	0.2	62.4	0.5	62.0	0.2	62.0	0.1	62.0	0.1	62.5	0.6	63.5	1.6
A14	10	63.3	0.1	63.4	0.1	63.4	0.1	63.5	0.3	63.4	0.1	63.3	0.1	63.4	0.1	63.7	0.4	64.3	1.0
A14	top floor	64.7	0.1	64.7	0.1	64.7	0.1	64.8	0.1	64.7	0.0	64.7	0.0	64.7	0.0	64.9	0.2	65.2	0.5
A15	at-grade	61.6	1.0	61.2	0.7	61.3	0.7	61.3	0.7	60.8	0.3	60.8	0.2	60.8	0.2	63.3	2.7	74.0	13.4
A15	3	63.2	1.2	62.8	0.8	62.8	0.8	62.9	0.9	62.3	0.3	62.3	0.3	62.3	0.2	68.7	6.7	75.6	13.6
A15	5	64.4	1.0	64.0	0.6	64.0	0.6	64.1	0.6	63.6	0.2	63.6	0.2	63.6	0.2	71.5	8.1	75.3	11.8
A15	10	65.8	1.0	65.5	0.6	65.5	0.6	65.2	0.3	65.0	0.1	65.0	0.1	65.0	0.1	70.9	6.0	73.6	8.7
A15	top floor	67.1	0.8	66.8	0.6	66.8	0.6	66.4	0.2	66.3	0.1	66.3	0.0	66.3	0.0	70.1	3.8	72.1	5.8
B1	at-grade	58.9	0.5	59.1	0.6	59.1	0.6	59.0	0.5	58.8	0.3	58.7	0.2	58.6	0.1	61.0	2.5	63.3	4.8
B1	3	60.4	0.5	60.5	0.7	60.6	0.7	60.6	0.7	60.3	0.3	60.1	0.2	60.0	0.1	71.6	11.7	70.7	10.7
B1	5	61.9	0.6	61.9	0.5	61.9	0.6	61.8	0.5	61.5	0.2	61.5	0.1	61.5	0.1	71.5	10.2	72.4	11.0
B1	10	63.1	0.4	63.2	0.5	63.2	0.5	63.0	0.3	62.9	0.1	62.9	0.1	62.9	0.1	70.9	8.1	72.1	9.3
B1	top floor	64.4	0.2	64.4	0.3	64.5	0.3	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	70.1	5.9	71.4	7.2

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
B2	at-grade	58.7	0.2	58.8	0.3	58.8	0.3	58.7	0.2	58.7	0.2	58.6	0.1	58.6	0.1	60.6	2.1	62.9	4.4
B2	3	60.1	0.2	60.2	0.3	60.2	0.3	60.1	0.2	60.2	0.2	60.0	0.1	60.0	0.1	71.9	12.0	71.2	11.3
B2	5	61.4	0.1	61.5	0.2	61.5	0.2	61.5	0.1	61.5	0.1	61.4	0.0	61.4	0.0	71.8	10.5	72.0	10.6
B2	10	62.9	0.1	62.9	0.1	62.9	0.2	62.9	0.2	62.9	0.1	62.8	0.1	62.8	0.0	71.0	8.2	71.8	9.0
B2	top floor	64.2	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	70.0	5.8	71.2	7.0
B3	at-grade	58.6	0.1	58.7	0.2	58.7	0.3	58.7	0.2	58.8	0.3	58.6	0.1	58.6	0.1	63.1	4.6	62.6	4.1
B3	3	60.0	0.1	60.1	0.2	60.1	0.2	60.1	0.2	60.2	0.3	60.0	0.1	60.0	0.1	70.0	10.0	69.2	9.3
B3	5	61.4	0.1	61.5	0.1	61.5	0.2	61.4	0.1	61.5	0.1	61.4	0.0	61.4	0.0	70.1	8.8	70.6	9.3
B3	10	62.8	0.1	62.8	0.1	62.9	0.1	62.9	0.1	62.9	0.2	62.8	0.1	62.8	0.1	69.7	6.9	70.7	7.9
B3	top floor	64.2	0.1	64.2	0.1	64.2	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	69.2	5.0	70.3	6.1
B4	at-grade	58.6	0.1	58.6	0.2	58.7	0.2	58.7	0.2	58.8	0.3	58.6	0.1	58.6	0.1	62.0	3.5	62.2	3.7
B4	3	60.0	0.1	60.0	0.1	60.1	0.2	60.1	0.2	60.2	0.3	60.0	0.1	60.0	0.1	65.5	5.6	67.9	7.9
B4	5	61.4	0.1	61.4	0.1	61.4	0.1	61.4	0.1	61.5	0.2	61.4	0.0	61.4	0.1	67.8	6.5	69.3	7.9
B4	10	62.8	0.0	62.8	0.1	62.8	0.1	62.8	0.1	62.9	0.1	62.8	0.0	62.8	0.0	68.3	5.5	69.5	6.7
B4	top floor	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	68.3	4.1	69.4	5.2
B5	at-grade	58.5	0.1	58.6	0.1	58.7	0.2	58.8	0.3	59.0	0.5	58.6	0.2	58.7	0.2	61.3	2.8	62.0	3.5
B5	3	59.9	0.1	60.0	0.1	60.1	0.2	60.2	0.3	60.3	0.4	60.0	0.1	60.1	0.1	63.5	3.6	64.7	4.7
B5	5	61.4	0.0	61.4	0.1	61.4	0.1	61.5	0.2	61.6	0.3	61.4	0.1	61.4	0.1	65.5	4.2	67.1	5.7
B5	10	62.8	0.0	62.8	0.0	62.8	0.1	62.9	0.1	63.0	0.2	62.8	0.1	62.8	0.1	66.7	3.9	67.8	5.0
B5	top floor	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.1	64.3	0.1	64.2	0.0	64.2	0.0	67.1	2.9	68.1	3.9
B6	at-grade	58.5	0.1	58.6	0.1	58.7	0.3	59.0	0.5	59.3	0.8	58.7	0.2	58.7	0.2	60.7	2.2	61.5	3.0
B6	3	59.9	0.1	60.0	0.1	60.1	0.2	60.3	0.4	60.5	0.6	60.1	0.2	60.1	0.2	62.5	2.6	63.5	3.5
B6	5	61.3	0.0	61.4	0.0	61.5	0.1	61.6	0.3	61.8	0.5	61.5	0.1	61.5	0.1	63.8	2.4	65.5	4.1
B6	10	62.8	0.0	62.8	0.0	62.9	0.1	62.9	0.2	63.1	0.3	62.9	0.1	62.9	0.1	65.5	2.7	66.6	3.8
B6	top floor	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.1	64.4	0.2	64.2	0.1	64.3	0.1	66.4	2.2	67.3	3.1
B7	at-grade	58.5	0.1	58.5	0.1	58.8	0.3	59.1	0.6	59.4	0.9	58.8	0.3	58.8	0.3	60.5	2.0	61.1	2.6
B7	3	59.9	0.1	60.0	0.1	60.1	0.2	60.4	0.5	60.6	0.7	60.1	0.2	60.1	0.2	62.1	2.2	62.9	2.9
B7	5	61.3	0.0	61.4	0.0	61.5	0.2	61.7	0.3	61.9	0.5	61.5	0.2	61.5	0.2	63.2	1.9	64.3	2.9
B7	10	62.8	0.0	62.8	0.0	62.9	0.1	63.0	0.2	63.2	0.4	62.9	0.1	62.9	0.1	65.0	2.2	66.0	3.2
B7	top floor	64.2	0.0	64.2	0.0	64.2	0.1	64.3	0.1	64.4	0.2	64.3	0.1	64.3	0.1	66.0	1.8	66.8	2.6
B8	at-grade	58.5	0.0	58.5	0.1	58.8	0.3	59.0	0.6	59.5	1.0	58.8	0.3	58.8	0.3	60.1	1.6	60.5	2.0
B8	3	59.9	0.1	59.9	0.1	60.1	0.3	60.4	0.5	60.8	0.9	60.1	0.2	60.1	0.3	61.6	1.7	62.2	2.3
B8	5	61.3	0.0	61.3	0.0	61.5	0.3	61.9	0.6	62.5	1.2	61.7	0.4	61.6	0.3	62.8	1.5	63.3	2.0
B8	10	62.7	0.0	62.7	0.0	63.1	0.4	63.3	0.6	64.0	1.2	63.1	0.4	63.1	0.4	64.6	1.9	65.2	2.4
B8	top floor	64.1	0.0	64.1	0.0	64.4	0.2	64.5	0.4	64.9	0.8	64.4	0.2	64.4	0.2	65.6	1.4	66.2	2.0
B9	at-grade	59.0	0.1	59.1	0.1	59.5	0.5	59.9	0.9	61.1	2.1	59.8	0.8	59.5	0.5	59.5	0.5	59.1	0.1
B9	3	60.5	0.1	60.5	0.1	61.0	0.6	61.4	1.0	64.1	3.6	61.6	1.1	60.8	0.4	60.9	0.4	60.5	0.1
B9	5	61.9	0.1	61.9	0.1	63.2	1.4	64.4	2.6	67.8	5.9	64.4	2.5	63.4	1.5	63.4	1.5	61.9	0.1
B9	10	63.3	0.0	63.3	0.0	66.4	3.1	66.5	3.2	69.6	6.4	66.2	3.0	65.8	2.5	65.8	2.5	63.3	0.0
B9	top floor	64.7	0.0	64.7	0.0	66.5	1.8	66.8	2.2	69.8	5.1	66.5	1.8	66.1	1.4	66.2	1.5	64.7	0.0
B10	at-grade	60.0	0.2	60.6	0.8	64.2	4.4	66.0	6.2	68.1	8.3	64.4	4.5	64.3	4.4	64.3	4.4	59.9	0.1
B10	3	61.4	0.2	62.0	0.8	68.7	7.4	70.9	9.6	73.5	12.2	69.3	8.1	68.8	7.6	68.8	7.6	61.3	0.1
B10	5	62.8	0.1	63.5	0.9	72.1	9.4	74.4	11.7	77.4	14.7	73.4	10.7	72.4	9.7	72.4	9.7	62.7	0.0
B10	10	64.2	0.1	64.8	0.7	73.0	8.9	75.5	11.4	77.7	13.6	73.2	9.0	72.9	8.8	72.9	8.8	64.2	0.0
B10	top floor	65.6	0.0	66.0	0.5	71.4	5.9	73.8	8.3	76.3	10.7	71.5	5.9	71.2	5.6	71.2	5.6	65.6	0.0
B11	at-grade	63.6	0.1	63.9	0.4	65.8	2.4	67.7	4.3	69.2	5.8	66.2	2.7	66.0	2.5	66.0	2.5	63.5	0.0
B11	3	63.5	0.1	64.0	0.7	69.3	5.9	72.5	9.1	74.7	11.4	70.4	7.1	69.7	6.3	69.7	6.4	63.4	0.0
B11	5	63.3	0.1	64.0	0.8	72.4	9.1	76.4	13.2	79.1	15.9	74.6	11.4	74.0	10.7	74.0	10.7	63.3	0.0
B11	10	63.2	0.1	64.3	1.1	72.5	9.4	76.2	13.1	78.1	15.0	73.2	10.1	72.7	9.5	72.7	9.5	63.2	0.0
B11	top floor	63.0	0.1	64.1	1.1	70.7	7.7	74.0	11.0	76.3	13.3	71.1	8.1	70.5	7.5	70.5	7.5	63.0	0.0
B12	at-grade	63.5	0.1	63.9	0.4	65.2	1.8	66.7	3.2	68.1	4.6	65.5	2.0	65.2	1.7	65.3	1.8	63.5	0.0
B12	3	63.4	0.1	64.1	0.7	67.5	4.2	70.1	6.8	72.3	8.9	68.2	4.9	67.5	4.1	67.5	4.1	63.4	0.1
B12	5	63.3	0.1	64.5	1.3	69.6	6.3	72.7	9.5	75.1	11.8	70.5	7.2	69.2	5.9	69.2	5.9	63.3	0.0
B12	10	63.2	0.1	64.6	1.4	70.6	7.5	74.2	11.0	76.1	13.0	71.2	8.1	70.6	7.4	70.6	7.4	63.2	0.0
B12	top floor	63.0	0.1	64.3	1.4	69.5	6.5	72.6	9.6	74.9	11.9	69.8	6.8	69.2	6.2	69.2	6.2	63.0	0.0
B13	at-grade	62.3	0.2	63.0	0.8	64.1	1.9	65.2	3.0	66.5	4.3	64.0	1.8	63.8	1.6	63.9	1.6	62.4	0.1
B13	3	62.2	0.2	63.5	1.5	65.9	3.8	67.8	5.7	69.9	7.8	66.1	4.0	65.5	3.4	65.6	3.5	62.3	0.2
B13	5	62.1	0.2	63.9	1.9	67.2	5.2	69.5	7.5	72.0	10.0	67.7	5.7	66.7	4.7	66.7	4.7	62.1	0.1
B13	10	62.0	0.1	64.6	2.7	68.6	6.7	71.2	9.3	73.1	11.2	68.4	6.5	67.7	5.7	67.7	5.8	62.0	0.1
B13	top floor	61.8	0.1	64.3	2.6	68.0	6.3	70.4	8.7	72.6	10.8	67.6	5.9	67.0	5.2	67.0	5.2	61.8	0.1
B14	at-grade	63.5	0.1	64.1	0.8	64.7	1.4	65.1	1.8	66.2	2.8	64.4	1.0	64.3	0.9	64.3	0.9	63.5	0.1
B14	3	63.4	0.1	64.8	1.6	65.9	2.7	66.4	3.1	68.1	4.8	65.3	2.1	65.1	1.8	65.1	1.8	63.4	0.1
B14	5	63.3	0.2	66.3	3.1	67.3	4.2	67.1	4.0	69.0	5.8	65.8	2.6	65.4	2.2	65.4	2.2	63.3	0.1
B14	10	63.2	0.1	66.4	3.4	68.3	5.2	69.0	5.9	70.9	7.8	66.9	3.8	66.4	3.3	66.4	3.3	63.2	0.1
B14	top floor	63.0	0.1	65.9	3.1	67.9	5.0	68.7	5.8	70.6	7.7	66.4	3.5	66.0	3.1	66.0	3.1	63.0	0.1
B15	at-grade	63.4	0.1	64.2	1.0	64.7	1.4	64.7	1.4	65.6	2.3	64.1	0.8	64.0	0.7	64.1	0.8	63.4	0.1
B15	3	63.3	0.2	65.1	2.0	65.8	2.7	65.5	2.3	67.0	3.8	64.6	1.4	64.5	1.3	64.5	1.3	63.3	0.1
B15	5	63.3	0.2	67.3	4.2	67.8	4.8	65.9	2.9	67.7	4.6	64.8	1.8	64.6	1.6	64.7	1.6	63.2	0.1
B15	10	63.1	0.2	67.9	5.0	68.8	5.9	67.4	4.5	69.3	6.3	65.7	2.8	65.4	2.5	65.4	2.5	63.1	0.1
B15	top floor	62.9	0.2	67.1	4.3	68.2	5.4	67.5	4.7	69.2	6.4	65.6	2.8	65.2	2.4	65.2	2.4	62.9	0.1
B16	at-grade	64.2	0.2	65.3	1.2	65.6	1.6	65.2	1.1	65.8	1.7	64.7	0.6	64.6	0.5	64.7	0.6	64.2	0.1
B16	3	64.1	0.2	66.7	2.8	67.1	3.2	65.6	1.6	66.7	2.7	64.9	1.0	64.8	0.9	64.9	0.9	64.1	0.1
B16	5	64.2	0.4	70.2	6.3	70.4	6.5	65.8	2.0	67.0	3.2	65.0	1.2	64.9	1.0	65.0	1.1	64.0	0.1
B16	10	64.1	0.3	70.2	6.5	70.6	6.9	66.8	3.0	68.5	4.7	65.6	1.9	65.4	1.7	65.5	1.7	63.9	0.1
B16	top floor	63.8	0.3	68.8	5.2	69.3	5.8	67.0	3.4	68.6	5.0	65.5	1.9	65.2	1.6	65.3	1.7	63.7	0.1
B17	at-grade	64.6	0.6	65.9	1.8	66.1	2.0	65.0	0.9	65.5	1.4	64.6	0.5	64.6	0.4	64.6	0.5	64.3	0.1
B17	3	66.2	2.2	68.1	4.1	68.2	4.3	65.3	1.3	66.1	2.0	64.7	0.7	64.7	0.7	64.9	0.9	64.2	0.2
B17	5	67.6	3.8	71.5	7.6	71.6	7.7	65.5	1.6	66.4	2.4	64.8	0.9	64.7	0.8	64.9	0.9	64.4	0.4
B17	10	67.0	3.2	72.2	8.4	72.3	8.6	66.0	2.2	67.4	3.6	65.2	1.4	65.0	1.2	65.2	1.3	64.2	0.4
B17	top floor	66.1	2.5	70.2	6.6	70.5	6.9	66.2	2.6	67.6	4.0	65.1	1.4	64.9	1.2	65.0	1.3	64.0	0.3
B18	at-grade	64.8	0.7	65.2	1.2	65.2	1.2	64.5	0.4	64.2	0.2	64.2	0.1	64.2	0.1	64.9	0.8	65.4	1.2
B18	3	66.2	2.3	66.6	2.7	66.6	2.7	64.6	0.6	64.2	0.3	64.2	0.2	64.2	0.2	68.6	4.6	68.3	4.3
B18	5	68.0	4.2	68.4	4.6	68.4	4.6	64.5	0.6	64.1	0.2	64.0	0.2	64.0	0.2	68.7	4.8	69.9	6.0
B18	10	67.7	4.0	70.0	6.2	70.0	6.2	64.2	0.5	64.0	0.2	63.9	0.1	63.9	0.1	68.4	4.6	69.6	5.8
B18	top floor	66.9	3.3	68.6	5.1	68.6	5.1	63.9	0.3	63.7	0.2	63.7	0.1	63.7	0.1	67.6	4.0	68.9	5.3
C1	at-grade	66.6	0.0	66.6	0.1	67.0	0.4	67.4	0.8	67.0	0.5	66.6	0.1	66.6	0.0	66.7	0.1	66.6	0.0
C1	3	65.8	0.1	65.9	0.1	66.8	1.0	67.7	1.9	66.6	0.9	65.9	0.1	65.9	0.1	65.9	0.1	65.8	0.0
C1	5	65.0	0.1	65.1	0.2	66.7	1.8	68.0	3.0	67.6	2.6	65.6	0.7	65.5	0.5	65.5	0.6	65.0	0.0
C1	10	64.2	0.1	64.5	0.3	66.9	2.8	69.4	5.2	68.4	4.2	65.2	1.0	64.9	0.7	64.9	0.7	64.2	0.0
C1	15	63.5	0.1	63.9	0.6	66.6	3.2	69.0	5.6	68.2	4.8	64.5	1.1	64.2	0.8	64.2	0.8	63.4	0.0
C1	20	62.7	0.2	63.4	0.8	66.1	3.5	68.3	5.8	67.6	5.1	63.8	1.2	63.4	0.8	63.5	0.9	62.7	0.1
C1	25	61.9	0.1	62.6	0.8	65.3	3.5	67.5	5.8	66.9	5.1	63.0	1.2	62.6	0.8	62.7	0.9	62.0	0.2

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
C1	top floor	61.0	0.2	61.8	0.9	64.5	3.7	66.9	6.0	66.2	5.3	62.1	1.2	61.8	0.9	62.0	1.1	61.6	0.7
C2	at-grade	66.7	0.1	66.8	0.1	66.8	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.8	0.1
C2	3	65.9	0.1	66.0	0.2	66.0	0.2	65.9	0.0	65.9	0.1	65.9	0.0	65.9	0.0	66.0	0.1	66.0	0.1
C2	5	65.1	0.1	65.2	0.2	65.2	0.2	65.1	0.1	65.2	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0
C2	10	64.3	0.1	64.9	0.7	64.9	0.7	64.3	0.1	64.4	0.1	64.3	0.0	64.3	0.0	64.3	0.0	64.3	0.0
C2	15	63.7	0.3	65.1	1.7	65.1	1.7	63.5	0.1	63.6	0.1	63.5	0.0	63.5	0.0	63.5	0.0	63.5	0.0
C2	20	62.9	0.3	64.4	1.8	64.4	1.8	62.8	0.1	62.8	0.2	62.7	0.0	62.7	0.0	62.8	0.1	62.8	0.1
C2	25	62.1	0.3	63.3	1.5	63.3	1.5	62.0	0.1	62.0	0.2	61.9	0.0	61.9	0.0	62.0	0.1	62.0	0.1
C2	top floor	61.2	0.3	62.3	1.3	62.3	1.4	61.2	0.3	61.3	0.3	61.0	0.1	61.0	0.0	61.2	0.2	61.3	0.3
C3	at-grade	66.7	0.1	66.7	0.1	66.7	0.1	66.7	0.0	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0
C3	3	65.9	0.1	65.9	0.1	65.9	0.1	65.9	0.1	66.0	0.1	65.9	0.0	65.9	0.0	65.9	0.0	65.9	0.0
C3	5	65.1	0.1	65.1	0.1	65.2	0.2	65.2	0.2	65.4	0.3	65.1	0.1	65.1	0.0	65.1	0.0	65.1	0.0
C3	10	64.3	0.1	64.3	0.1	64.5	0.3	64.6	0.4	64.9	0.6	64.4	0.1	64.3	0.0	64.3	0.0	64.3	0.0
C3	15	63.6	0.2	63.7	0.2	63.8	0.4	63.9	0.5	64.2	0.7	63.6	0.1	63.5	0.0	63.5	0.0	63.5	0.0
C3	20	63.2	0.6	63.0	0.4	63.2	0.6	63.2	0.5	63.5	0.8	62.8	0.1	62.7	0.0	62.7	0.1	62.7	0.0
C3	25	62.5	0.7	62.4	0.6	62.6	0.8	62.5	0.6	62.7	0.8	62.0	0.1	61.9	0.0	61.9	0.1	61.9	0.0
C3	top floor	61.7	0.8	61.5	0.6	61.8	0.9	61.8	0.9	62.1	1.2	61.1	0.1	61.0	0.0	61.1	0.1	61.1	0.0
C4	at-grade	66.6	0.0	66.6	0.0	67.0	0.4	67.5	0.9	67.3	0.6	66.7	0.1	66.7	0.0	66.7	0.1	66.7	0.0
C4	3	65.8	0.0	65.8	0.1	66.9	1.1	67.9	2.1	67.2	1.4	66.0	0.2	65.9	0.0	65.9	0.1	65.9	0.1
C4	5	65.0	0.1	65.1	0.1	67.1	2.1	68.7	3.7	67.9	2.9	65.5	0.5	65.2	0.2	65.2	0.2	65.1	0.0
C4	10	64.2	0.1	64.3	0.1	67.2	3.0	69.9	5.7	68.6	4.4	65.1	0.9	64.5	0.2	64.5	0.2	64.3	0.0
C4	15	63.4	0.1	63.5	0.1	66.7	3.3	69.4	6.0	68.6	5.2	64.4	1.0	63.7	0.3	63.7	0.3	63.5	0.0
C4	20	62.6	0.1	62.7	0.1	66.0	3.4	68.7	6.1	68.0	5.4	63.6	1.0	62.9	0.3	62.9	0.3	62.7	0.0
C4	25	61.8	0.1	61.9	0.1	65.2	3.4	67.9	6.1	67.2	5.4	62.8	1.0	62.1	0.3	62.2	0.3	61.9	0.0
C4	top floor	61.0	0.1	61.0	0.1	64.4	3.5	67.2	6.3	66.5	5.6	61.9	1.0	61.3	0.3	61.3	0.4	61.0	0.1
D1	at-grade	63.5	0.1	63.5	0.0	64.2	0.8	65.1	1.6	64.5	1.1	63.6	0.2	63.6	0.1	63.6	0.1	63.6	0.1
D1	3	65.2	0.0	65.2	0.0	66.3	1.1	67.5	2.3	66.6	1.5	65.4	0.2	65.2	0.0	65.3	0.1	65.3	0.1
D1	5	66.6	0.0	66.6	0.0	68.1	1.6	69.5	2.9	68.1	1.5	66.8	0.2	66.6	0.0	66.6	0.0	66.6	0.0
D1	10	69.2	0.0	69.2	0.0	70.3	1.1	71.4	2.3	70.8	1.6	69.4	0.2	69.2	0.0	69.2	0.0	69.2	0.0
D1	15	69.3	0.0	69.3	0.0	70.3	1.0	71.4	2.1	71.1	1.8	69.5	0.2	69.3	0.0	69.3	0.0	69.3	0.0
D1	20	68.9	0.0	68.9	0.0	69.9	1.0	70.9	2.1	70.7	1.8	69.1	0.2	68.9	0.0	68.9	0.0	68.9	0.0
D1	25	68.4	0.0	68.4	0.0	69.3	0.9	70.3	1.9	70.1	1.7	68.6	0.2	68.4	0.0	68.4	0.0	68.4	0.0
D1	top floor	68.3	0.0	68.3	0.0	69.1	0.8	70.0	1.8	69.8	1.5	68.4	0.2	68.3	0.0	68.3	0.0	68.3	0.0
D2	at-grade	64.1	0.1	64.1	0.1	64.1	0.1	64.2	0.1	64.2	0.1	64.1	0.0	64.1	0.0	64.2	0.1	64.2	0.0
D2	3	66.8	0.1	66.8	0.0	66.8	0.1	66.9	0.1	66.8	0.1	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0
D2	5	67.0	0.1	67.0	0.0	67.0	0.1	67.1	0.1	67.1	0.1	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0
D2	10	66.4	0.1	66.4	0.0	66.4	0.1	66.5	0.1	66.5	0.1	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0
D2	15	65.4	0.1	65.4	0.1	65.4	0.1	65.5	0.2	65.5	0.1	65.4	0.0	65.4	0.0	65.4	0.0	65.4	0.0
D2	20	64.2	0.1	64.2	0.1	64.3	0.1	64.3	0.2	64.3	0.2	64.2	0.0	64.2	0.0	64.2	0.0	64.2	0.0
D2	25	63.1	0.2	63.2	0.2	63.2	0.3	63.2	0.2	63.2	0.2	63.0	0.0	63.0	0.0	63.0	0.0	63.0	0.0
D2	top floor	62.4	0.3	62.4	0.2	62.5	0.3	62.5	0.3	62.5	0.3	62.2	0.1	62.2	0.0	62.3	0.1	62.2	0.0
D3	at-grade	68.7	0.0	68.7	0.0	68.7	0.1	68.8	0.1	68.7	0.1	68.7	0.0	68.7	0.0	68.7	0.0	68.8	0.0
D3	3	70.0	0.1	70.0	0.0	70.0	0.0	70.1	0.1	70.0	0.1	70.0	0.0	70.0	0.0	70.0	0.0	70.1	0.0
D3	5	69.6	0.1	69.6	0.0	69.6	0.0	69.7	0.1	69.6	0.1	69.6	0.0	69.6	0.0	69.6	0.0	69.7	0.0
D3	10	68.1	0.1	68.1	0.0	68.1	0.1	68.2	0.1	68.1	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0
D3	15	66.6	0.1	66.6	0.0	66.6	0.1	66.7	0.1	66.7	0.1	66.6	0.0	66.6	0.0	66.6	0.0	66.7	0.0
D3	20	65.4	0.1	65.4	0.0	65.4	0.1	65.5	0.1	65.5	0.1	65.4	0.0	65.4	0.0	65.4	0.0	65.5	0.0
D3	25	64.1	0.1	64.1	0.1	64.1	0.1	64.2	0.2	64.2	0.1	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.0
D3	top floor	63.2	0.1	63.2	0.1	63.2	0.1	63.4	0.2	63.3	0.2	63.2	0.1	63.2	0.0	63.3	0.1	63.3	0.0
D4	at-grade	64.0	0.1	64.0	0.0	64.7	0.7	65.5	1.5	64.7	0.7	64.2	0.1	64.1	0.1	64.1	0.1	64.1	0.1
D4	3	66.5	0.0	66.5	0.0	67.3	0.8	68.3	1.8	67.4	0.9	66.7	0.2	66.6	0.0	66.6	0.1	66.6	0.1
D4	5	66.7	0.0	66.7	0.0	68.1	1.4	69.6	2.9	68.1	1.4	67.0	0.3	66.8	0.1	66.8	0.1	66.8	0.0
D4	10	66.1	0.0	66.1	0.0	68.0	1.9	69.6	3.5	68.3	2.2	66.5	0.4	66.2	0.1	66.2	0.1	66.2	0.0
D4	15	65.0	0.0	65.0	0.0	67.2	2.2	69.0	4.0	67.8	2.8	65.5	0.4	65.1	0.1	65.1	0.1	65.1	0.0
D4	20	64.1	0.0	64.1	0.0	66.5	2.4	68.4	4.2	67.0	2.9	64.6	0.4	64.2	0.1	64.2	0.1	64.2	0.0
D4	25	63.1	0.1	63.1	0.0	65.6	2.5	67.5	4.4	66.1	2.9	63.6	0.5	63.3	0.1	63.3	0.1	63.2	0.0
D4	top floor	62.3	0.1	62.4	0.1	64.8	2.5	66.8	4.5	65.3	3.0	62.8	0.5	62.5	0.2	62.6	0.2	62.4	0.0
E1	at-grade	63.5	0.0	63.5	0.0	63.6	0.1	63.7	0.2	63.8	0.3	63.6	0.1	63.6	0.1	63.6	0.1	63.6	0.0
E1	3	65.3	0.0	65.3	0.0	65.6	0.3	67.3	2.0	66.9	1.6	65.6	0.3	65.4	0.1	65.4	0.1	65.4	0.0
E1	5	66.9	0.0	66.9	0.0	67.4	0.5	68.5	1.6	68.6	1.6	67.2	0.3	67.0	0.1	67.0	0.1	67.0	0.0
E1	10	67.0	0.0	67.0	0.0	67.4	0.4	68.7	1.7	68.4	1.4	67.3	0.2	67.1	0.1	67.1	0.1	67.1	0.0
E1	15	66.5	0.0	66.5	0.0	66.9	0.4	68.1	1.5	67.8	1.3	66.7	0.2	66.6	0.0	66.6	0.1	66.6	0.0
E1	20	65.7	0.0	65.7	0.0	66.1	0.4	67.2	1.5	66.9	1.2	65.9	0.2	65.8	0.0	65.8	0.1	65.8	0.0
E1	25	64.8	0.0	64.8	0.0	65.2	0.4	66.3	1.5	65.9	1.1	65.0	0.2	65.0	0.1	65.0	0.1	64.9	0.0
E1	top floor	64.1	0.0	64.1	0.0	64.6	0.5	65.7	1.5	65.3	1.2	64.3	0.2	64.3	0.1	64.3	0.2	64.2	0.1
E2	at-grade	64.8	0.0	64.8	0.0	64.9	0.1	65.0	0.2	65.0	0.2	64.9	0.1	64.9	0.1	64.9	0.1	64.9	0.0
E2	3	67.2	0.0	67.2	0.0	67.3	0.1	67.4	0.1	67.4	0.1	67.3	0.0	67.3	0.0	67.3	0.1	67.3	0.0
E2	5	68.4	0.0	68.4	0.0	68.4	0.0	68.5	0.1	68.6	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0
E2	10	68.0	0.0	68.0	0.0	68.0	0.0	68.1	0.1	68.2	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0
E2	15	67.2	0.0	67.2	0.0	67.3	0.1	67.3	0.1	67.4	0.1	67.3	0.0	67.3	0.0	67.3	0.0	67.3	0.0
E2	20	66.3	0.0	66.3	0.0	66.4	0.1	66.4	0.1	66.5	0.1	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0
E2	25	65.3	0.0	65.3	0.0	65.4	0.1	65.4	0.1	65.5	0.1	65.4	0.0	65.4	0.0	65.4	0.0	65.4	0.0
E2	top floor	64.6	0.0	64.6	0.0	64.7	0.1	64.8	0.2	64.8	0.2	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0
E3	at-grade	63.5	0.0	63.5	0.0	64.2	0.7	64.1	0.6	64.4	0.9	63.6	0.1	63.6	0.1	63.7	0.2	63.5	0.0
E3	3	66.0	0.0	66.0	0.0	68.0	2.0	68.4	2.4	67.1	1.1	66.2	0.2	66.1	0.1	66.1	0.1	66.0	0.0
E3	5	66.9	0.0	66.9	0.0	69.2	2.3	69.9	3.0	69.2	2.3	67.3	0.4	67.0	0.1	67.0	0.1	66.9	0.0
E3	10	66.5	0.0	66.5	0.0	68.9	2.4	69.9	3.4	69.8	3.3	67.0	0.5	66.6	0.1	66.6	0.1	66.5	0.0
E3	15	65.8	0.0	65.8	0.0	68.1	2.3	69.1	3.3	71.1	5.3	66.2	0.4	65.9	0.1	65.9	0.1	65.8	0.0
E3	20	65.2	0.0	65.2	0.0	67.4	2.3	68.4	3.2	70.5	5.3	65.6	0.4	65.3	0.1	65.3	0.1	65.2	0.0
E3	25	64.3	0.0	64.3	0.0	66.4	2.10	67.3	3.0	69.1	4.8	64.6	0.3	64.4	0.1	64.4	0.1	64.3	0.0
E3	top floor	63.7	0.0	63.7	0.0	65.7	2.1	66.6	3.0	68.1	4.4	64.0	0.3	63.9	0.2	63.9	0.2	63.7	0.0
E4	at-grade	63.4	0.0	63.5	0.0	64.6	1.2	65.8	2.4	65.1	1.7	63.8	0.3	63.7	0.3	63.7	0.3	63.5	0.0
E4	3	67.2	0.0	67.2	0.0	71.2	3.9	73.8	6.5	70.2	2.9	67.9	0.7	67.4	0.2	67.4	0.2	67.3	0.0
E4	5	68.8	0.0	68.8	0.0	72.8	4.0	75.3	6.5	73.8	4.9	70.2	1.3	69.0	0.1	69.0	0.1	68.9	0.0
E4	10	69.2	0.0	69.2	0.0	72.4	3.1	74.7	5.5	72.6	3.4	69.9	0.7	69.3	0.1	69.3	0.1	69.3	0.0
E4	15	68.7	0.0	68.7	0.0	71.5	2.8	73.7	4.9	73.9	5.1	69.2	0.5	68.9	0.1	68.9	0.1	68.8	0.0
E4	20	68.0	0.0	68.0	0.0	70.6	2.5	72.7	4.7	73.0	4.9	68.4	0.4	68.4	0.4	68.4	0.4	68.1	0.0
E4	25	67.0	0.0	67.1	0.0	69.3	2.3	71.3	4.3	71.3	4.2	67.4	0.3	67.7	0.6	67.7	0.6	67.1	0.0
E4	top floor	66.6	0.0	66.7	0.0	68.6	2.0	70.5	3.9	70.2	3.5	66.9	0.3	67.2	0.6	67.3	0.6	66.7	0.0
F	at-grade	70.7	0.1	70.6	0.0	70.6	0.0	70.8	0.1	70.7	0.1	70.7	0.0	70.7	0.0	70.7	0.0	70.7	0.0
F	3	72.0	0.1	71.9	0.0	72.0	0.1	72.1	0.2	72.0	0.1	72.0	0.0	72.0	0.0	72.0	0.0	72.0	0.0
F	5	71.5	0.1	71.4	0.0	71.5	0.1	71.6	0.2	71.5	0.1	71.5	0.0	71.5	0.0	71.5	0.0	71.5	0.0

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
F	top floor	70.5	0.4	70.1	0.0	70.2	0.1	70.5	0.4	70.3	0.1	70.2	0.0	70.2	0.0	70.2	0.0	70.2	0.0
G	at-grade	68.6	0.0	68.6	0.0	68.6	0.0	68.7	0.1	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0	68.7	0.0
G	3	70.0	0.1	70.0	0.0	70.0	0.0	70.1	0.1	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0
G	5	69.7	0.1	69.6	0.0	69.7	0.1	69.8	0.2	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0	69.7	0.0
G	top floor	68.9	0.1	68.8	0.0	68.9	0.1	69.0	0.2	68.9	0.1	68.9	0.0	68.9	0.0	68.9	0.0	68.9	0.0
H	at-grade	70.0	0.0	70.0	0.0	70.1	0.1	70.1	0.1	70.1	0.1	70.1	0.0	70.1	0.0	70.1	0.0	70.1	0.0
H	3	72.5	0.0	72.5	0.0	72.6	0.1	72.6	0.1	72.6	0.1	72.6	0.0	72.6	0.0	72.6	0.0	72.6	0.0
H	top floor	72.9	0.0	72.9	0.0	73.0	0.1	73.1	0.1	73.1	0.1	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0
I	at-grade	65.1	0.1	65.1	0.0	66.0	1.0	66.8	1.7	66.5	1.5	65.4	0.3	65.2	0.1	65.2	0.1	65.1	0.0
I	3	64.4	0.0	64.4	0.0	68.1	3.7	69.8	5.4	69.2	4.8	65.7	1.3	64.6	0.2	64.6	0.2	64.4	0.0
I	top floor	63.2	0.1	63.2	0.1	70.0	6.8	72.2	9.0	72.1	8.9	66.6	3.4	63.7	0.5	63.7	0.5	63.2	0.0
J	at-grade	63.2	0.1	63.2	0.1	64.3	1.2	65.1	2.0	66.6	3.5	64.5	1.4	64.3	1.2	64.5	1.4	63.6	0.5
J	3	62.9	0.2	63.0	0.2	65.4	2.6	66.7	4.0	69.1	6.4	65.8	3.0	65.3	2.5	65.6	2.8	63.7	0.9
J	5	61.7	0.1	61.8	0.1	67.2	5.6	69.3	7.6	72.0	10.3	67.6	5.9	67.4	5.7	67.6	5.9	62.9	1.2
J	top floor	60.7	0.1	60.9	0.2	67.6	6.9	69.7	9.0	72.8	12.1	68.6	7.9	68.1	7.4	68.2	7.5	62.5	1.8
K	at-grade	61.9	0.0	61.9	0.0	62.2	0.2	62.2	0.3	63.1	1.2	62.2	0.2	62.2	0.3	62.3	0.4	62.1	0.2
K	3	61.7	0.0	61.7	0.0	62.0	0.4	62.1	0.4	63.4	1.7	62.0	0.4	62.0	0.4	62.7	1.1	62.9	1.2
K	top floor	59.9	0.0	59.9	0.0	60.7	0.8	60.9	1.0	63.1	3.3	60.6	0.8	60.7	0.8	61.8	1.9	61.8	2.0
L	at-grade	62.9	0.1	62.9	0.1	62.9	0.1	63.3	0.4	63.0	0.1	63.0	0.1	63.0	0.1	63.0	0.1	63.0	0.1
L	3	61.8	0.1	61.8	0.1	61.8	0.1	62.2	0.4	61.9	0.1	61.9	0.1	61.9	0.1	61.9	0.1	61.9	0.1
L	5	60.3	0.1	60.3	0.1	60.4	0.1	60.7	0.4	60.5	0.2	60.4	0.1	60.4	0.1	60.4	0.1	60.4	0.1
L	10	57.7	0.1	57.7	0.1	57.8	0.1	58.0	0.4	57.9	0.2	57.8	0.1	57.8	0.1	57.8	0.1	57.8	0.1
L	top floor	56.9	0.1	56.9	0.1	57.0	0.1	57.2	0.4	57.1	0.2	57.0	0.1	57.0	0.1	57.0	0.1	57.1	0.1
M	at-grade	62.4	0.1	62.4	0.1	62.4	0.1	62.8	0.5	62.4	0.1	62.4	0.1	62.4	0.1	62.5	0.1	62.5	0.1
M	3	61.1	0.1	61.1	0.1	61.1	0.1	61.5	0.5	61.1	0.1	61.1	0.1	61.1	0.1	61.2	0.1	61.2	0.1
M	5	59.4	0.1	59.4	0.1	59.4	0.1	59.8	0.5	59.5	0.1	59.4	0.1	59.4	0.1	59.5	0.2	59.6	0.2
M	top floor	56.2	0.2	56.3	0.2	56.3	0.2	56.7	0.6	56.4	0.2	56.3	0.1	56.3	0.1	56.4	0.3	56.6	0.4
N	at-grade	62.5	0.1	62.5	0.1	62.5	0.1	62.9	0.5	62.5	0.1	62.5	0.1	62.5	0.1	62.5	0.1	63.0	0.6
N	3	61.4	0.2	61.4	0.2	61.4	0.2	61.9	0.6	61.4	0.2	61.4	0.1	61.4	0.1	61.5	0.2	63.4	2.1
N	5	60.0	0.2	60.0	0.2	60.0	0.2	60.5	0.7	60.0	0.2	60.0	0.2	60.0	0.2	60.1	0.3	63.9	4.1
N	10	57.5	0.3	57.5	0.3	57.5	0.3	58.1	1.0	57.5	0.3	57.4	0.3	57.5	0.3	57.9	0.7	62.9	5.7
N	top floor	56.3	0.4	56.3	0.4	56.4	0.4	57.0	1.0	56.4	0.4	56.3	0.3	56.3	0.3	56.8	0.8	62.3	6.3
O	at-grade	65.1	0.9	65.0	0.8	65.0	0.8	65.6	1.4	64.7	0.5	64.7	0.4	64.7	0.4	66.1	1.8	66.8	2.4
O	3	65.5	1.4	65.3	1.1	65.3	1.1	65.4	1.2	64.6	0.4	64.6	0.4	64.6	0.4	68.4	4.2	70.6	6.4
O	5	64.8	1.7	64.3	1.3	64.3	1.3	64.2	1.1	63.5	0.4	63.4	0.3	63.4	0.3	70.2	7.1	72.5	9.4
O	10	63.4	2.5	62.7	1.7	62.7	1.7	61.9	0.9	61.3	0.3	61.3	0.3	61.3	0.3	69.5	8.5	72.5	11.5
O	15	62.8	3.4	61.9	2.5	61.9	2.5	60.2	0.8	59.7	0.3	59.6	0.3	59.7	0.3	68.4	9.0	71.3	11.9
O	top floor	62.1	3.9	61.2	3.1	61.3	3.1	59.0	0.8	58.9	0.7	58.4	0.3	58.5	0.3	67.4	9.2	70.5	12.3
P	at-grade	65.2	2.1	65.0	1.9	65.0	1.9	64.8	1.6	63.8	0.6	63.7	0.5	63.7	0.5	65.5	2.3	66.0	2.8
P	3	66.2	3.4	65.7	3.0	65.7	3.0	64.3	1.5	63.4	0.6	63.3	0.5	63.3	0.5	69.1	6.3	70.7	7.9
P	top floor	66.9	5.3	66.2	4.5	66.2	4.5	63.1	1.5	62.2	0.5	62.2	0.5	62.2	0.5	70.9	9.2	72.3	10.6
Q	at-grade	68.6	3.0	68.0	2.5	68.0	2.5	66.8	1.2	66.0	0.4	66.0	0.4	66.0	0.4	66.5	0.9	66.6	1.0
Q	3	71.0	5.6	70.8	5.5	70.8	5.5	66.5	1.1	65.8	0.4	65.7	0.4	65.8	0.4	66.6	1.2	66.9	1.5
Q	5	75.3	10.9	74.6	10.3	74.6	10.3	65.4	1.0	64.7	0.3	64.7	0.3	64.7	0.3	66.5	2.1	66.6	2.2
Q	top floor	76.1	12.6	74.7	11.2	74.7	11.2	64.5	0.9	63.9	0.3	63.9	0.3	63.9	0.3	66.1	2.5	66.9	3.3
R	at-grade	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.1	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0	69.8	0.0
R	3	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.1	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
R	top floor	68.3	0.0	68.3	0.0	68.3	0.0	68.4	0.1	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0	68.3	0.0
S	at-grade	65.7	0.8	65.3	0.4	65.3	0.4	65.0	0.1	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.1	65.1	0.2
S	3	66.1	1.4	65.5	0.8	65.5	0.8	64.8	0.1	64.8	0.0	64.8	0.0	64.8	0.0	64.9	0.2	65.0	0.3
S	top floor	66.8	2.9	65.5	1.6	65.5	1.6	64.1	0.2	64.0	0.1	64.0	0.0	64.0	0.0	64.2	0.2	64.3	0.4
T	at-grade	65.4	0.0	65.4	0.0	65.4	0.0	65.5	0.0	65.5	0.0	65.4	0.0	65.5	0.0	65.5	0.0	65.5	0.0
T	top floor	65.6	0.0	65.6	0.0	65.6	0.0	65.7	0.0	65.7	0.0	65.6	0.0	65.7	0.0	65.7	0.0	65.7	0.0
U	at-grade	70.5	0.0	70.5	0.0	70.5	0.0	70.6	0.0	70.7	0.1	70.6	0.0	70.6	0.0	70.6	0.0	70.6	0.0
U	3	71.5	0.0	71.5	0.0	71.6	0.0	71.6	0.1	71.7	0.1	71.6	0.0	71.6	0.0	71.6	0.0	71.6	0.0
U	top floor	70.7	0.0	70.8	0.0	70.9	0.1	71.1	0.3	71.0	0.2	70.8	0.0	70.8	0.0	70.8	0.0	70.8	0.0
V	at-grade	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0	68.6	0.0
V	3	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0	68.2	0.0
V	5	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.1	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0
V	top floor	65.6	0.0	65.7	0.1	65.9	0.3	66.1	0.6	66.7	1.1	65.7	0.1	65.7	0.1	65.7	0.1	65.6	0.0
W	at-grade	69.7	0.0	69.8	0.1	69.9	0.2	70.2	0.5	70.5	0.8	70.0	0.3	70.0	0.2	70.0	0.2	69.8	0.0
W	3	69.0	0.1	69.0	0.1	69.4	0.5	69.9	1.0	70.6	1.7	69.5	0.6	69.5	0.6	69.5	0.6	69.0	0.0
W	top floor	66.9	0.1	66.9	0.1	68.2	1.4	69.3	2.5	70.8	3.9	68.4	1.6	68.3	1.5	68.3	1.5	66.9	0.0
X	at-grade	67.5	0.0	67.5	0.0	67.5	0.0	67.5	0.0	67.6	0.0	67.5	0.0	67.6	0.0	67.6	0.0	67.6	0.0
X	3	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0
X	5	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.0	65.1	0.1	65.1	0.0	65.1	0.0	65.1	0.0	65.1	0.0
X	top floor	63.8	0.0	63.8	0.0	63.9	0.0	63.9	0.1	64.5	0.6	63.9	0.0	63.9	0.0	63.9	0.1	63.9	0.1
Y	at-grade	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0	67.2	0.1	67.1	0.0	67.1	0.0	67.1	0.0	67.1	0.0
Y	3	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.1	67.1	0.3	66.9	0.0	66.9	0.0	66.9	0.0	66.9	0.0
Y	5	65.8	0.0	65.8	0.0	65.8	0.1	65.9	0.1	66.1	0.3	65.8	0.1	65.9	0.1	65.9	0.1	65.8	0.0
Y	top floor	62.9	0.0	62.9	0.0	63.0	0.2	63.0	0.2	63.6	0.8	63.0	0.1	63.0	0.1	63.0	0.1	62.9	0.0
Z	at-grade	64.0	0.0	64.0	0.0	64.1	0.0	64.4	0.3	64.2	0.2	64.1	0.0	64.1	0.0	64.1	0.0	64.2	0.1
AA	at-grade	59.4	0.0	59.4	0.0	59.4	0.0	60.8	1.4	59.4	0.1	59.4	0.0	59.4	0.0	59.5	0.1	59.9	0.5
AA	3	57.4	0.0	57.4	0.0	57.4	0.1	58.8	1.4	57.5	0.1	57.4	0.0	57.4	0.0	57.5	0.1	57.9	0.5
AA	5	55.5	0.1	55.5	0.1	55.5	0.1	56.9	1.4	55.6	0.1	55.5	0.0	55.6	0.1	55.6	0.1	56.1	0.6
AA	10	52.7	0.1	52.8	0.1	52.8	0.1	54.0	1.3	52.9	0.2	52.8	0.1	52.8	0.1	52.9	0.2	53.4	0.7
AA	top floor	51.8	0.1	51.8	0.1	51.8	0.2	53.0	1.3	52.0	0.3	51.8	0.1	51.8	0.1	51.9	0.2	52.6	0.9
BB	at-grade	64.9	0.4	64.9	0.3	64.9	0.3	65.1	0.6	64.7	0.1	64.7	0.1	64.7	0.1	65.2	0.6	65.7	1.1
BB	3	64.5	0.8	64.3	0.6	64.3	0.6	64.2	0.6	63.8	0.2	63.8	0.1	63.8	0.1	64.8	1.1	65.9	2.2
BB	5	63.5	1.1	63.2	0.7	63.2	0.7	63.1	0.6	62.6	0.2	62.6	0.1	62.6	0.1	64.2	1.7	66.4	3.9
BB	10	61.7	1.6	61.3	1.2	61.3	1.2	60.7	0.6	60.3	0.2	60.3	0.2	60.3	0.2	63.9	3.8	66.2	6.1
BB	top floor	61.2	2.0	60.6	1.4	60.6	1.4	59.9	0.6	59.5	0.2	59.5	0.2	59.5	0.2	63.7	4.4	66.0	6.7
CC	at-grade	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0
CC	3	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.1	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0
CC	top floor	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.2	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.1	66.8	0.0
DD	at-grade	70.5	0.0	70.5	0.0	70.5	0.0	70.6	0.1	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0	70.5	0.0
DD	3	69.9	0.0	69.9	0.0	69.9	0.0	70.0	0.1	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0	69.9	0.0
DD	top floor	68.5	0.0	68.5	0.0	68.5	0.0	68.6	0.1	68.6	0.1	68.5	0.0	68.5	0.0	68.5	0.0	68.5	0.0
EE	at-grade	63.1	0.9	62.8	0.6	62.8	0.6	62.3	0.0	62.3	0.0	62.3	0.0	62.3	0.0	62.4	0.1	62.5	0.2
EE	3	62.5	1.8	61.9	1.2	61.9	1.2	60.8	0.1	60.8	0.0	60.8	0.0	60.8	0.0	61.0	0.2	61.2	0.4
EE	5	62.5	3.4	61.6	2.4	61.6	2.4	59.3	0.1	59.2	0.1	59.2	0.0	59.2	0.0	59.5	0.3	59.8	0.6
EE	10	63.0	6.3	60.8	4.1	60.8	4.1	57.6	0.8	57.0	0.2	56.9	0.1	56.9	0.1	57.3	0.5	57.9	1.1

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
EE	top floor	63.1	7.0	60.6	4.5	60.6	4.5	57.5	1.4	56.5	0.4	56.3	0.2	56.2	0.1	56.7	0.6	57.3	1.2
FF	at-grade	60.8	0.0	60.8	0.0	60.8	0.0	60.9	0.0	60.9	0.0	60.9	0.0	61.0	0.0	61.0	0.0	61.0	0.0
FF	3	59.6	0.1	59.6	0.0	59.6	0.0	59.7	0.0	59.8	0.1	59.7	0.0	59.8	0.0	59.8	0.1	59.8	0.0
FF	top floor	58.0	0.1	58.1	0.1	58.1	0.1	58.1	0.1	58.2	0.1	58.1	0.0	58.2	0.0	58.2	0.1	58.3	0.1
GG	at-grade	59.4	0.0	59.4	0.0	59.4	0.1	59.6	0.2	59.7	0.4	59.4	0.1	59.4	0.1	59.5	0.1	59.4	0.0
GG	3	58.2	0.1	58.2	0.0	58.3	0.2	58.8	0.6	59.1	0.9	58.4	0.2	58.4	0.2	58.5	0.3	58.3	0.2
GG	5	56.6	0.1	56.6	0.1	56.6	0.1	56.7	0.1	56.7	0.1	56.6	0.0	56.6	0.0	56.6	0.1	56.6	0.1
GG	top floor	55.0	0.2	54.9	0.1	55.0	0.2	55.3	0.4	55.3	0.5	55.0	0.2	54.9	0.1	55.0	0.1	54.9	0.1
HH	at-grade	63.2	0.4	63.2	0.4	63.2	0.4	63.7	0.8	63.0	0.2	63.0	0.2	63.1	0.2	63.3	0.5	63.8	0.9
HH	3	62.6	0.9	62.4	0.6	62.4	0.6	62.6	0.8	62.0	0.2	62.0	0.2	62.0	0.2	62.6	0.7	63.4	1.5
HH	top	61.3	1.1	61.0	0.8	61.0	0.8	61.1	0.8	60.4	0.2	60.4	0.2	60.4	0.2	61.3	1.1	62.7	2.4
II	at-grade	68.1	0.3	68.1	0.3	68.1	0.3	68.6	0.8	68.1	0.3	68.1	0.2	68.1	0.2	68.5	0.6	68.7	0.8
II	3	66.6	0.3	66.6	0.3	66.6	0.3	67.2	0.9	66.6	0.3	66.6	0.3	66.6	0.3	67.7	1.3	68.6	2.2
II	5	64.9	0.4	64.9	0.3	64.9	0.3	65.5	0.8	64.9	0.3	64.9	0.3	64.9	0.3	67.0	2.3	69.1	4.5
II	10	61.9	0.3	61.9	0.3	61.9	0.3	62.4	0.8	61.9	0.2	61.9	0.2	61.9	0.2	66.5	4.9	68.6	6.9
II	top	61.2	0.4	61.1	0.3	61.1	0.3	61.6	0.7	61.1	0.2	61.1	0.2	61.1	0.2	66.1	5.3	68.4	7.5
JJ	at-grade	65.5	0.2	65.5	0.2	65.5	0.2	66.0	0.7	65.5	0.2	65.5	0.2	65.5	0.2	65.5	0.2	65.6	0.3
JJ	3	65.6	0.2	65.6	0.2	65.6	0.2	66.1	0.7	65.6	0.2	65.6	0.2	65.6	0.2	65.6	0.2	65.8	0.4
JJ	5	64.6	0.2	64.6	0.2	64.6	0.2	65.1	0.7	64.6	0.2	64.6	0.2	64.6	0.2	64.7	0.3	64.9	0.5
JJ	10	62.0	0.2	62.0	0.2	62.0	0.2	62.4	0.6	62.0	0.2	62.0	0.2	62.0	0.2	62.3	0.5	62.6	0.8
JJ	15	60.0	0.2	60.0	0.2	60.0	0.2	60.4	0.6	60.0	0.2	60.0	0.2	60.0	0.2	60.4	0.6	60.9	1.1
JJ	top	58.5	0.2	58.5	0.2	58.5	0.2	58.8	0.6	58.5	0.2	58.4	0.2	58.5	0.2	59.0	0.7	59.6	1.2
KK	at-grade	69.0	0.5	69.6	1.0	69.6	1.0	68.9	0.3	69.0	0.4	68.8	0.1	68.8	0.1	68.8	0.1	68.7	0.0
KK	3	68.5	1.0	69.9	2.4	70.0	2.5	68.0	0.5	68.2	0.7	67.8	0.2	67.8	0.2	67.8	0.2	67.6	0.1
KK	top	68.8	3.7	70.7	5.5	70.7	5.5	66.0	0.8	66.6	1.3	65.7	0.4	65.6	0.4	65.7	0.5	65.5	0.2
LL	at-grade	67.7	0.1	68.2	0.6	68.2	0.6	67.9	0.3	68.0	0.4	67.8	0.1	67.8	0.1	67.9	0.2	67.8	0.1
LL	3	67.6	0.2	69.0	1.6	69.1	1.7	67.8	0.4	68.0	0.6	67.7	0.2	67.7	0.2	67.9	0.4	67.7	0.2
LL	5	66.6	0.3	69.7	3.4	69.8	3.5	66.9	0.5	67.2	0.9	66.6	0.3	66.6	0.3	67.2	0.9	67.0	0.6
LL	top	65.6	0.6	70.0	4.9	70.1	5.0	65.8	0.7	66.3	1.2	65.5	0.4	65.5	0.4	66.7	1.6	66.7	1.6
MM	at-grade	71.1	0.0	71.1	0.0	71.3	0.3	71.6	0.5	72.0	0.9	71.4	0.3	71.4	0.3	71.4	0.3	71.1	0.0
MM	3	70.6	0.0	70.7	0.1	71.5	1.0	72.1	1.5	73.2	2.6	71.7	1.1	71.6	1.0	71.7	1.1	70.6	0.0
MM	top	69.9	0.0	70.0	0.1	71.6	1.7	72.7	2.8	74.5	4.6	72.0	2.1	71.9	2.0	71.9	2.0	69.9	0.0
NN	at-grade	71.3	0.0	71.3	0.1	71.6	0.3	71.8	0.5	72.2	1.0	71.6	0.3	71.6	0.3	71.6	0.3	71.3	0.0
NN	3	70.8	0.0	70.8	0.1	71.7	1.0	72.4	1.6	73.7	2.9	72.0	1.2	71.8	1.0	71.8	1.0	70.8	0.0
NN	5	69.4	0.0	69.5	0.1	71.7	2.4	72.7	3.3	74.6	5.2	71.8	2.4	71.6	2.2	71.6	2.2	69.4	0.0
NN	top	68.3	0.0	68.4	0.1	71.1	2.8	72.4	4.1	74.4	6.1	71.2	2.9	70.9	2.6	70.9	2.6	68.3	0.0
OO	at-grade	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.0	67.9	0.0	67.9	0.0
OO	3	66.4	0.0	66.4	0.0	66.4	0.0	66.4	0.0	66.5	0.0	66.4	0.0	66.5	0.0	66.5	0.0	66.5	0.0
OO	5	64.7	0.0	64.7	0.0	64.7	0.0	64.7	0.0	64.8	0.0	64.7	0.0	64.8	0.0	64.8	0.0	64.8	0.0
OO	7	63.3	0.0	63.3	0.0	63.3	0.0	63.4	0.0	63.4	0.0	63.3	0.0	63.4	0.0	63.4	0.0	63.4	0.0
OO	top	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.5	0.2	61.4	0.0	61.4	0.0	61.4	0.0	61.4	0.0
PP	at-grade	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0
PP	3	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.7	0.0	66.8	0.0
PP	5	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0	65.3	0.1
PP	7	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	63.9	0.0	64.0	0.1
PP	top	61.9	0.0	61.9	0.0	61.9	0.0	61.9	0.1	62.2	0.3	61.9	0.0	61.9	0.0	61.9	0.0	62.0	0.0
QQ	at-grade	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.1	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0
QQ	3	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0	67.9	0.2	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0
QQ	5	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.8	0.3	66.5	0.0	66.6	0.1	66.6	0.1	66.5	0.0
QQ	10	64.0	0.0	64.0	0.0	64.1	0.1	64.0	0.0	64.5	0.5	64.1	0.1	64.1	0.1	64.1	0.1	64.0	0.0
QQ	top	63.2	0.0	63.2	0.0	63.3	0.1	63.2	0.1	63.9	0.7	63.3	0.1	63.3	0.1	63.3	0.1	63.2	0.0
Q1	at-grade	70.6	1.2	70.0	0.6	70.0	0.6	70.1	0.7	69.6	0.2	69.6	0.2	69.7	0.2	69.7	0.3	69.8	0.3
Q1	3	72.0	2.7	70.4	1.1	70.4	1.1	69.9	0.5	69.5	0.2	69.5	0.2	69.5	0.2	69.6	0.3	69.7	0.3
Q1	5	74.8	6.7	70.8	2.7	70.8	2.7	68.6	0.5	68.3	0.2	68.3	0.1	68.3	0.1	68.4	0.3	68.5	0.4
Q1	7	75.0	8.1	70.6	3.7	70.6	3.7	67.4	0.4	67.1	0.2	67.1	0.1	67.1	0.1	67.3	0.4	67.4	0.5
Q1	top	75.4	9.6	70.0	4.2	70.0	4.2	66.2	0.4	66.0	0.1	66.0	0.1	66.0	0.1	66.4	0.5	66.6	0.7
Q2	at-grade	73.7	0.2	73.6	0.1	73.6	0.1	73.9	0.4	73.6	0.1	73.6	0.1	73.7	0.1	73.7	0.1	73.6	0.1
Q2	3	70.8	0.5	70.4	0.1	70.4	0.1	70.7	0.4	70.4	0.1	70.4	0.1	70.5	0.1	70.5	0.1	70.4	0.1
Q2	5	69.9	1.5	68.6	0.1	68.6	0.1	68.9	0.4	68.6	0.1	68.6	0.1	68.6	0.1	68.7	0.1	68.6	0.1
Q2	7	69.1	1.9	67.3	0.1	67.3	0.1	67.6	0.3	67.3	0.1	67.3	0.1	67.3	0.1	67.3	0.1	67.3	0.1
Q2	top	68.4	2.3	66.3	0.2	66.3	0.2	66.4	0.3	66.2	0.1	66.2	0.1	66.2	0.1	66.2	0.1	66.2	0.1
Q3	at-grade	73.8	0.1	73.8	0.1	73.9	0.1	74.2	0.4	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1	73.9	0.1
Q3	3	69.9	0.2	69.8	0.1	69.8	0.1	70.1	0.4	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.1	69.9	0.1
Q3	5	68.0	0.3	67.8	0.1	67.8	0.1	68.1	0.4	67.9	0.1	67.9	0.1	67.9	0.1	67.9	0.1	67.9	0.1
Q3	7	66.7	0.5	66.4	0.1	66.4	0.1	66.6	0.3	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1	66.4	0.1
Q3	top	65.8	0.8	65.2	0.1	65.2	0.1	65.4	0.3	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1	65.2	0.1
F1	at-grade	71.9	0.2	71.8	0.1	71.8	0.1	71.8	0.0	71.8	0.0	71.7	0.0	71.8	0.0	71.8	0.0	71.8	0.0
F1	3	73.1	0.3	73.0	0.2	73.0	0.2	72.9	0.1	72.9	0.0	72.9	0.0	72.9	0.0	72.9	0.0	72.9	0.0
F1	5	73.1	0.8	72.7	0.4	72.7	0.4	72.4	0.1	72.4	0.0	72.4	0.0	72.4	0.0	72.4	0.1	72.4	0.1
F1	7	72.8	1.2	72.0	0.4	72.0	0.4	71.7	0.1	71.7	0.0	71.7	0.0	71.7	0.0	71.7	0.1	71.7	0.1
F1	top	72.1	2.2	70.7	0.8	70.7	0.8	70.0	0.1	70.0	0.0	70.0	0.0	70.0	0.0	70.1	0.1	70.2	0.2
F2	at-grade	71.0	0.1	70.9	0.0	70.9	0.0	71.0	0.0	70.9	0.0	70.9	0.0	71.0	0.0	71.0	0.0	71.0	0.0
F2	3	72.4	0.1	72.3	0.0	72.3	0.0	72.4	0.1	72.4	0.0	72.3	0.0	72.4	0.0	72.4	0.0	72.4	0.0
F2	5	71.9	0.1	71.8	0.0	71.8	0.0	71.9	0.1	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0	71.9	0.0
F2	7	71.3	0.2	71.1	0.0	71.1	0.0	71.2	0.1	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0	71.2	0.0
F2	top	70.0	0.6	69.4	0.0	69.4	0.0	69.5	0.1	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0	69.5	0.0
F3	at-grade	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.0	0.0	73.1	0.0	73.1	0.0	73.1	0.0
F3	3	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.8	0.0	74.9	0.0	74.9	0.0	74.9	0.0
F3	top	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.7	0.0	74.8	0.0	74.8	0.0	74.8	0.0
S1	at-grade	67.7	0.6	67.4	0.3	67.4	0.3	67.2	0.1	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.0	67.2	0.1
S1	3	68.8	1.5	68.0	0.7	68.0	0.7	67.4	0.1	67.4	0.0	67.4	0.0	67.4	0.0	67.4	0.1	67.5	0.1
S1	5	69.4	2.8	68.1	1.5	68.1	1.5	66.8	0.2	66.7	0.1	66.7	0.0	66.7	0.0	66.7	0.1	66.8	0.1
S1	7	69.8	4.0	67.5	1.7	67.5	1.7	66.0	0.2	65.9	0.1	65.9	0.1	65.9	0.1	65.9	0.1	66.0	0.1
S1	top	69.5	4.4	67.0	1.9	67.0	1.9	65.3	0.2	65.2	0.1	65.2	0.1	65.2	0.1	65.3	0.1	65.4	0.2
S2	at-grade	64.4	0.5	64.2	0.3	64.2	0.3	64.0	0.1	64.0	0.0	64.0	0.0	64.0	0.0	64.0	0.0	64.1	0.1
S2	3	64.0	1.0	63.7	0.7	63.7	0.7	63.2	0.1	63.1	0.0	63.1	0.0	63.1	0.0	63.2	0.1	63.3	0.2
S2	top	64.5	2.6	63.8	1.9	63.8	1.9	62.1	0.2	62.1	0.1	62.0	0.1	62.1	0.1	62.1	0.1	62.3	0.3
EE1	at-grade	62.2	0.8	61.9	0.5	61.9	0.5	61.5	0.0	61.5	0.1	61.5	0.0	61.5	0.0	61.5	0.0	61.6	0.1
EE1	3	61.7	1.6	61.2	1.1	61.2	1.1	60.2	0.1	60.3	0.2	60.2	0.0	60.2	0.0	60.2	0.0	60.4	0.2
EE1	top	61.3	2.9	60.3	1.9	60.4	2.0	58.5	0.1	58.5	0.1	58.5	0.0	58.5	0.0	58.7	0.3	59.0	0.5
H1	at-grade	65.0	0.0	65.0	0.0	65.8	0.8	66.5	1.5	66.3	1.3	65.2	0.3	65.1	0.1	65.1	0.1	65.0	0.0
H1	3	64.4	0.0	64.4	0.0	67.0	2.6	68.5	4.1	68.2	3.8	65.3	0.9	64.5	0.1	64.5	0.1	64.4	0.0

Construction Noise Results (Bleecker Place Staging Option) - Other quarters results see La Guardia Place Staging Option

Exceed Leq 65 dBA

Exceed 3 dBA or more

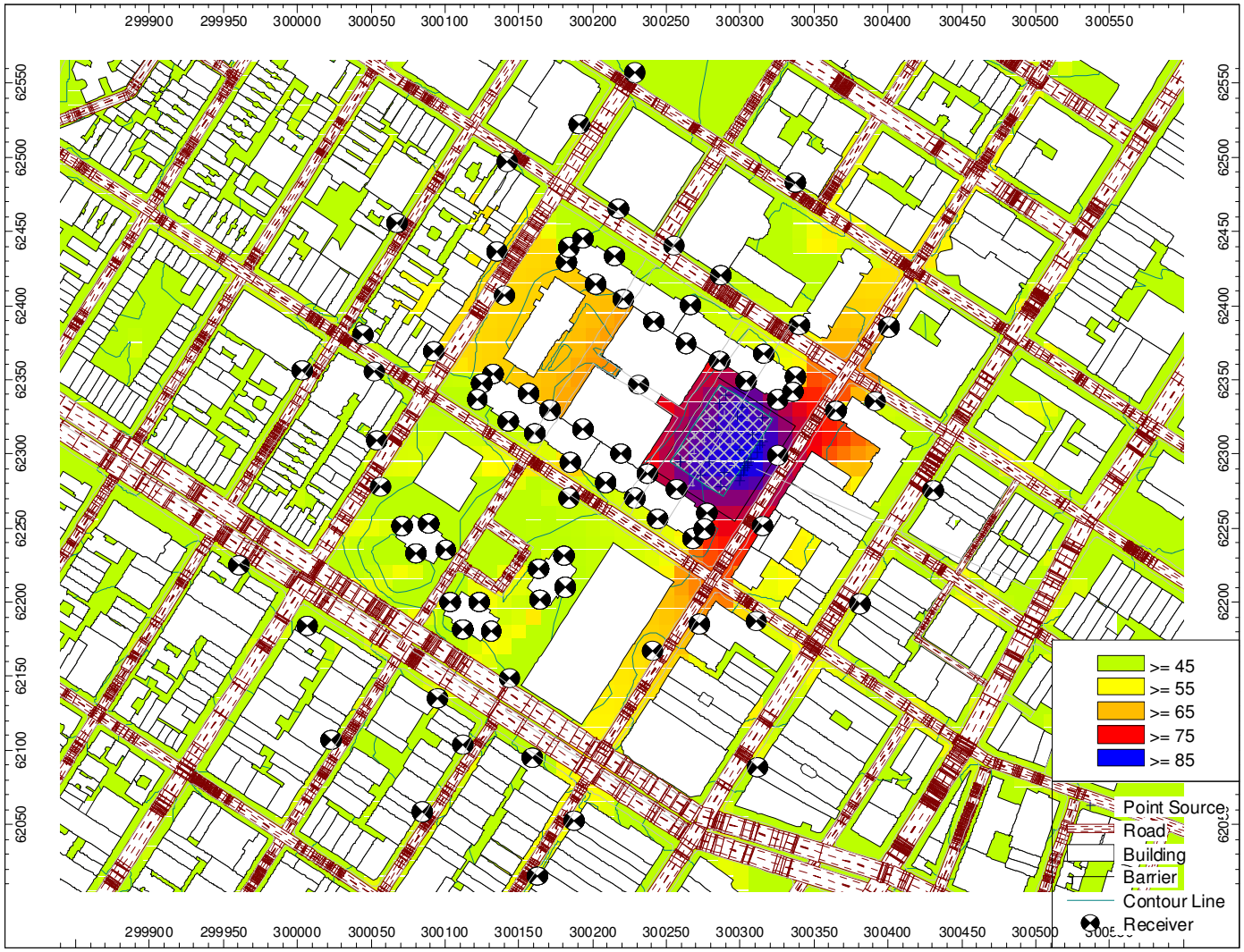
Exceed CEQR Noise Criteria

Additional Quarter

Impact Off Compared to DEIS Results

CadnaA Receptor Sites	Elevation (floor)	Zipper Tower		Overlap				Bleecker School										Mercer	
		2017-Q4		2018-Q2		2018-Q3		2019-Q2		2020-Q1		2020-Q3		2021-Q1		2021-Q4		2022-Q3	
		Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change	Total	Change
H1	top	63.4	0.1	63.4	0.1	68.4	5.0	70.3	6.9	70.5	7.1	65.6	2.2	63.6	0.2	63.6	0.2	63.4	0.0
H2	at-grade	65.2	0.0	65.2	0.0	65.8	0.7	66.6	1.4	66.2	1.0	65.4	0.2	65.3	0.1	65.3	0.1	65.2	0.0
H2	Top	64.1	0.1	64.1	0.0	67.2	3.1	69.1	5.0	67.5	3.4	64.8	0.7	64.2	0.1	64.2	0.1	64.2	0.0
H3	at-grade	65.6	0.0	65.6	0.0	66.1	0.5	66.7	1.2	66.3	0.8	65.7	0.1	65.6	0.1	65.6	0.1	65.6	0.0
H3	top	64.9	0.1	64.9	0.1	66.9	2.1	68.5	3.6	67.0	2.1	65.3	0.4	65.0	0.1	65.0	0.1	64.9	0.1
NN1	at-grade	69.1	0.0	69.2	0.1	69.5	0.4	69.8	0.7	70.3	1.2	69.5	0.4	69.5	0.4	69.5	0.4	69.2	0.0
NN1	3	68.7	0.0	68.8	0.1	69.7	1.0	70.3	1.6	71.5	2.8	69.8	1.0	69.7	0.9	69.7	0.9	68.8	0.0
NN1	top	66.8	0.0	66.9	0.1	69.5	2.7	70.6	3.8	72.5	5.6	69.5	2.7	69.3	2.5	69.3	2.5	66.9	0.0
NN2	at-grade	69.5	0.0	69.5	0.1	69.7	0.3	70.0	0.6	70.3	0.8	69.8	0.3	69.8	0.3	69.8	0.3	69.5	0.0
NN2	3	68.6	0.1	68.7	0.1	69.2	0.6	69.7	1.1	70.4	1.8	69.3	0.7	69.2	0.6	69.2	0.6	68.6	0.0
NN2	top	66.5	0.1	66.6	0.1	68.0	1.6	69.3	2.8	70.7	4.3	68.3	1.8	68.2	1.7	68.2	1.7	66.5	0.0
QQ1	at-grade	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0	66.6	0.0
QQ1	3	66.2	0.0	66.2	0.0	66.2	0.0	66.2	0.1	66.3	0.1	66.2	0.0	66.2	0.0	66.2	0.0	66.2	0.0
QQ1	5	65.0	0.0	65.0	0.0	65.0	0.0	65.1	0.1	65.1	0.1	65.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0
QQ1	10	62.2	0.0	62.2	0.0	62.2	0.0	62.2	0.1	62.4	0.2	62.2	0.0	62.2	0.0	62.2	0.0	62.2	0.0
QQ1	top	61.3	0.0	61.3	0.0	61.3	0.0	61.4	0.1	61.6	0.3	61.3	0.0	61.3	0.0	61.3	0.0	61.3	0.0
II1	at-grade	69.1	0.2	69.1	0.2	69.1	0.2	69.6	0.7	69.2	0.2	69.2	0.2	69.2	0.2	69.2	0.2	69.1	0.2
II1	3	67.7	0.2	67.7	0.2	67.7	0.2	68.1	0.6	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2	67.7	0.2
II1	5	66.1	0.2	66.1	0.2	66.1	0.2	66.5	0.5	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2	66.1	0.2
II1	10	63.3	0.1	63.3	0.1	63.3	0.1	63.6	0.5	63.3	0.1	63.3	0.1	63.3	0.1	63.3	0.2	63.4	0.2
II1	top	62.4	0.1	62.4	0.1	62.4	0.1	62.7	0.4	62.4	0.1	62.4	0.1	62.4	0.1	62.4	0.2	62.5	0.2
KK1	at-grade	69.3	0.0	69.5	0.2	69.5	0.2	69.4	0.1	69.5	0.2	69.4	0.1	69.4	0.1	69.4	0.1	69.3	0.0
KK1	3	68.6	0.0	69.1	0.5	69.2	0.6	68.8	0.2	69.0	0.4	68.7	0.1	68.7	0.1	68.7	0.1	68.6	0.0
KK1	top	67.2	0.0	67.9	0.7	68.0	0.8	67.5	0.3	67.8	0.6	67.4	0.2	67.4	0.2	67.4	0.2	67.2	0.0
LL1	at-grade	68.8	0.0	68.9	0.1	69.0	0.2	68.9	0.1	69.0	0.2	68.9	0.0	68.9	0.1	68.9	0.1	68.9	0.0
LL1	3	69.2	0.0	69.5	0.3	69.5	0.3	69.4	0.2	69.5	0.2	69.3	0.1	69.3	0.1	69.3	0.1	69.3	0.0
LL1	5	68.1	0.0	68.5	0.4	68.6	0.5	68.3	0.2	68.5	0.3	68.2	0.1	68.3	0.1	68.3	0.1	68.2	0.0
LL1	top	67.1	0.0	68.0	0.9	68.1	1.0	67.4	0.3	67.6	0.4	67.3	0.1	67.3	0.2	67.4	0.3	67.3	0.1
PP1	at-grade	68.1	0.0	68.1	0.0	68.1	0.0	68.1	0.0	68.2	0.0	68.1	0.0	68.2	0.0	68.2	0.0	68.2	0.0
PP1	3	66.8	0.0	66.8	0.0	66.8	0.0	66.8	0.0	66.9	0.0	66.8	0.0	66.9	0.0	66.9	0.0	66.9	0.0
PP1	5	65.1	0.0	65.1	0.0	65.1	0.0	65.2	0.0	65.3	0.2	65.2	0.0	65.2	0.0	65.2	0.0	65.2	0.0
PP1	Top	62.2	0.0	62.2	0.0	62.3	0.1	62.3	0.1	62.8	0.6	62.3	0.0	62.3	0.0	62.3	0.0	62.3	0.0
PP2	at-grade	66.0	0.0	66.0	0.0	66.0	0.0	66.0	0.0	66.1	0.0	66.0	0.0	66.1	0.0	66.1	0.0	66.1	0.0
PP2	3	64.6	0.0	64.6	0.0	64.6	0.0	64.6	0.0	64.7	0.1	64.6	0.0	64.7	0.0	64.7	0.0	64.7	0.0
PP2	5	62.8	0.0	62.8	0.0	62.8	0.0	62.9	0.0	63.1	0.3	62.9	0.0	62.9	0.0	62.9	0.0	62.9	0.0
PP2	Top	59.8	0.0	59.8	0.0	60.0	0.1	60.0	0.2	60.8	0.9	59.9	0.1	59.9	0.1	59.9	0.1	59.9	0.0
H4	at-grade	67.6	0.1	67.6	0.1	67.9	0.3	68.3	0.8	68.0	0.4	67.7	0.1	67.7	0.1	67.7	0.1	67.7	0.1
H4	Top	66.6	0.1	66.5	0.1	67.2	0.7	68.0	1.5	67.4	1.0	66.7	0.2	66.6	0.1	66.6	0.1	66.6	0.1
EE2	at-grade	60.5	1.0	60.2	0.6	60.2	0.6	59.7	0.0	59.7	0.0	59.6	0.0	59.7	0.0	59.7	0.0	59.8	0.1
EE2	3	60.0	1.9	59.4	1.3	59.5	1.4	58.2	0.1	58.2	0.1	58.2	0.0	58.2	0.0	58.2	0.0	58.4	0.2
EE2	top	59.4	3.8	58.1	2.5	58.1	2.5	55.7	0.1	55.7	0.1	55.7	0.0	55.7	0.0	56.0	0.3	56.4	0.7
EE3	at-grade	60.4	0.8	60.1	0.5	60.1	0.5	59.7	0.0	59.7	0.0	59.6	0.0	59.7	0.0	59.7	0.0	59.8	0.1
S3	at-grade	62.6	0.2	62.6	0.2	62.6	0.2	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.5	0.0	62.6	0.1
S3	Top	61.3	0.5	61.1	0.4	61.1	0.4	60.8	0.1	60.8	0.0	60.8	0.0	60.8	0.0	60.9	0.1	61.0	0.2
S4	at-grade	61.8	0.3	61.7	0.2	61.7	0.2	61.5	0.0	61.6	0.0	61.5	0.0	61.6	0.0	61.6	0.0	61.7	0.1
S4	3	61.1	1.3	60.5	0.7	60.6	0.8	59.9	0.1	59.9	0.0	59.9	0.0	59.9	0.0	60.0	0.2	60.2	0.3
S4	Top	58.1	1.0	58.2	1.1	58.2	1.1	57.2	0.1	57.2	0.1	57.2	0.0	57.2	0.0	57.3	0.1	57.5	0.3
Y1	at-grade	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0	67.9	0.1	67.8	0.0	67.8	0.0	67.8	0.0	67.8	0.0
Y1	3	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.1	67.9	0.2	67.7	0.0	67.7	0.0	67.7	0.0	67.7	0.0
Y1	5	66.5	0.0	66.5	0.0	66.5	0.0	66.6	0.1	66.7	0.2	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0
Y1	Top	63.5	0.0	63.5	0.0	63.6	0.1	63.6	0.1	64.0	0.5	63.6	0.1	63.6	0.1	63.6	0.1	63.5	0.0
PP3	at-grade	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0	67.0	0.0
PP3	Top	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0

Appendix E-7 Construction Noise Contour Maps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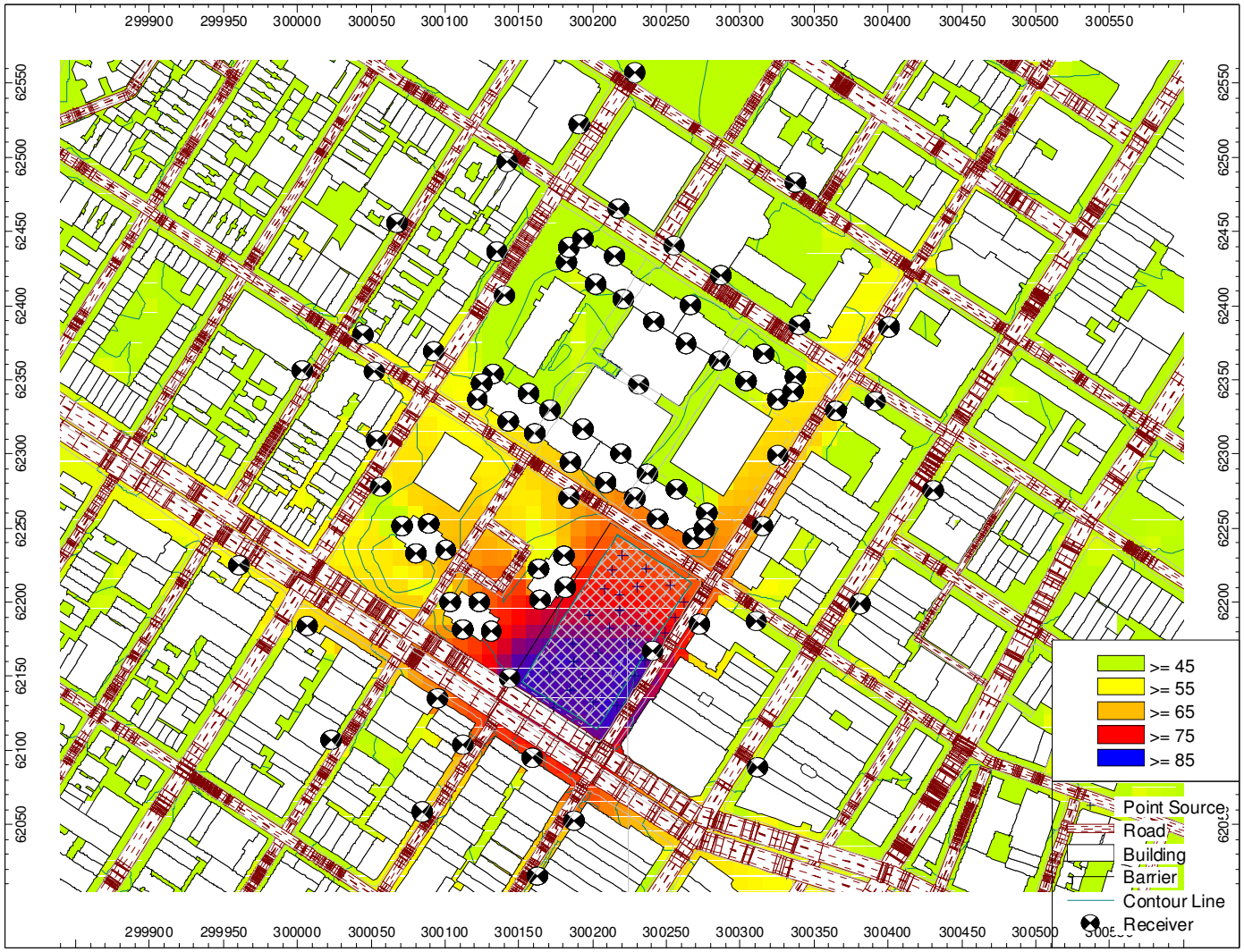
>= 75
>= 85
Point Source
Road
Building
Barrier
Contour Line
Receiver

2013 – Q4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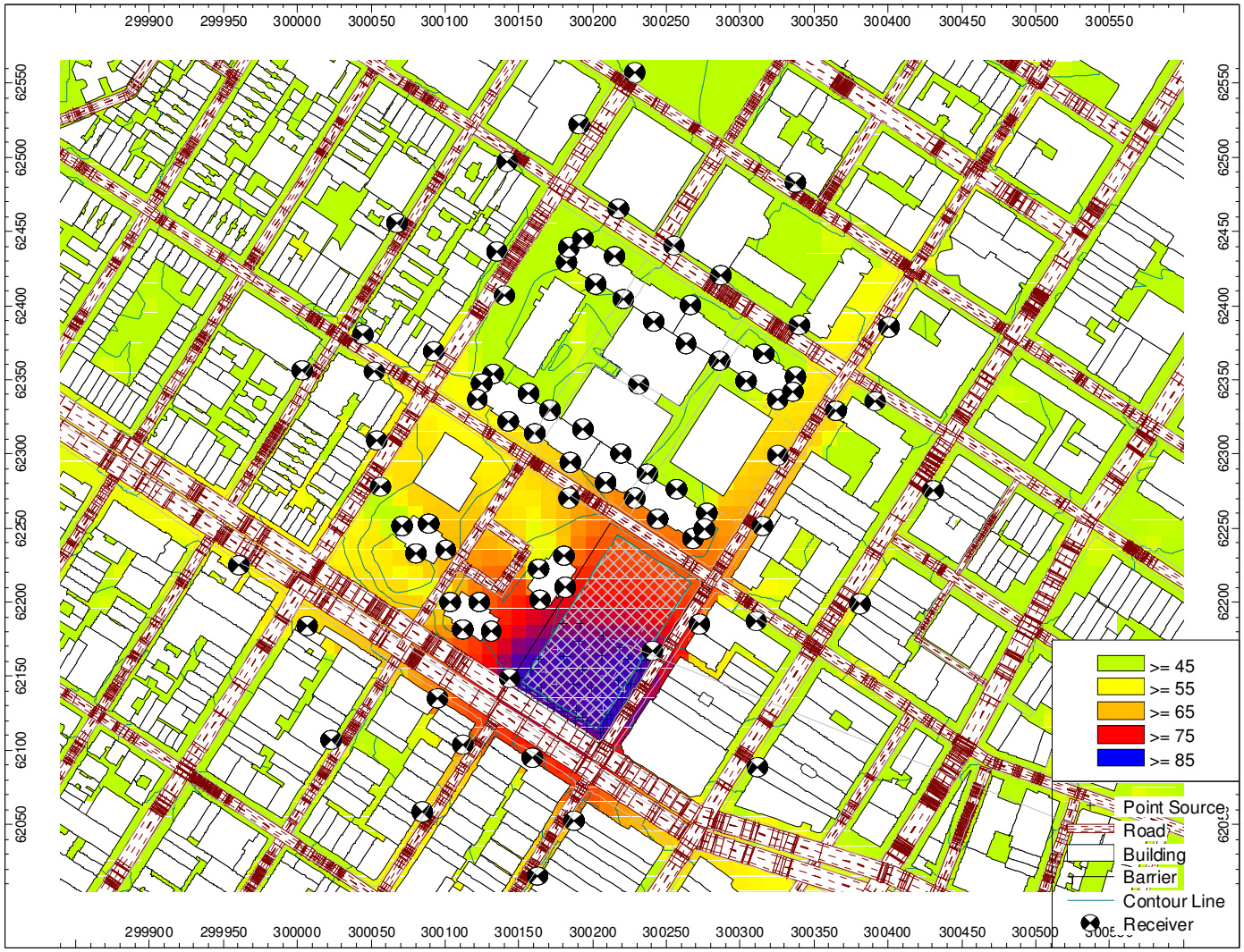
Point Source
Road
Building
Barrier
Contour Line
Receiver

2014 – Q3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Point Source
Road
Building
Barrier
Contour Line
Receiver

2015 – Q3


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Road
Building
Barrier
Contour Line
Receiver

2016 – Q3


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Point Source
Road
Building
Barrier
Contour Line
Receiver

2017 – Q2


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Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2018 – Q3


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Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2019 – Q2


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Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2020 – Q1


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Point Source
Road
Building
Barrier
Built-up Area
Contour Line
Receiver
Calculation Area

2021 – Q4


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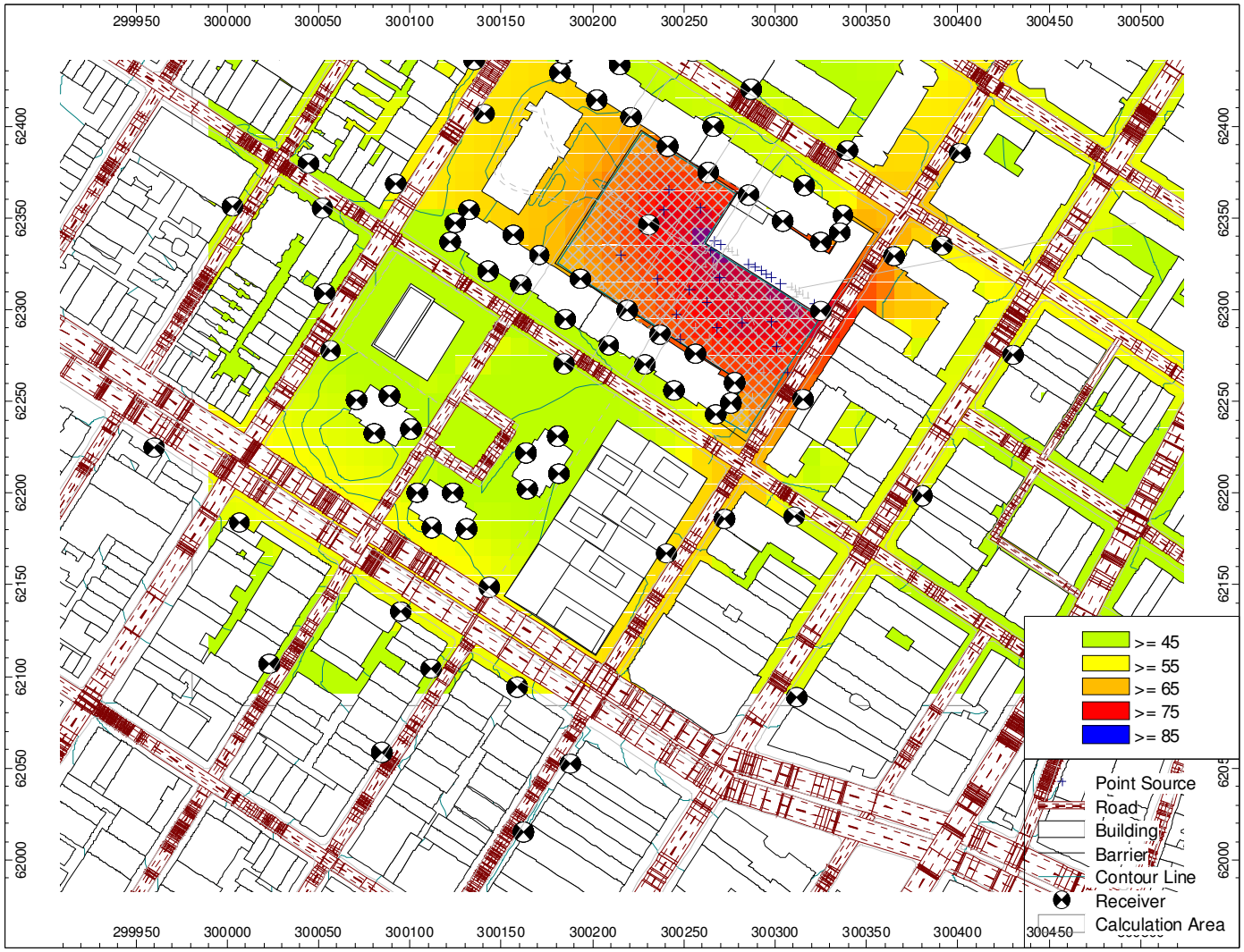
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2022 – Q3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Road
Building
Barrier
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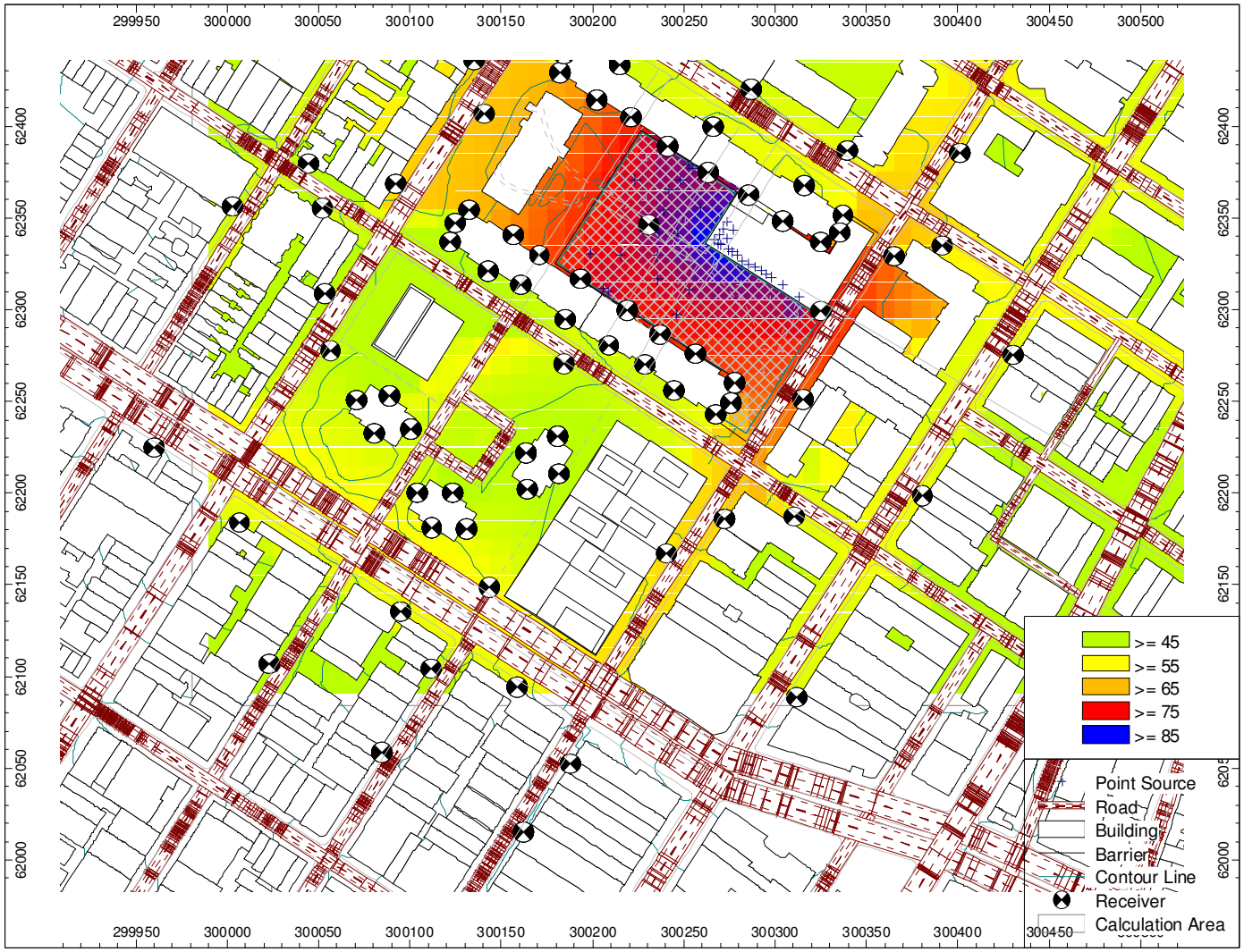
Receiver
Calculation Area

2023 – Q4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Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2024 – Q3


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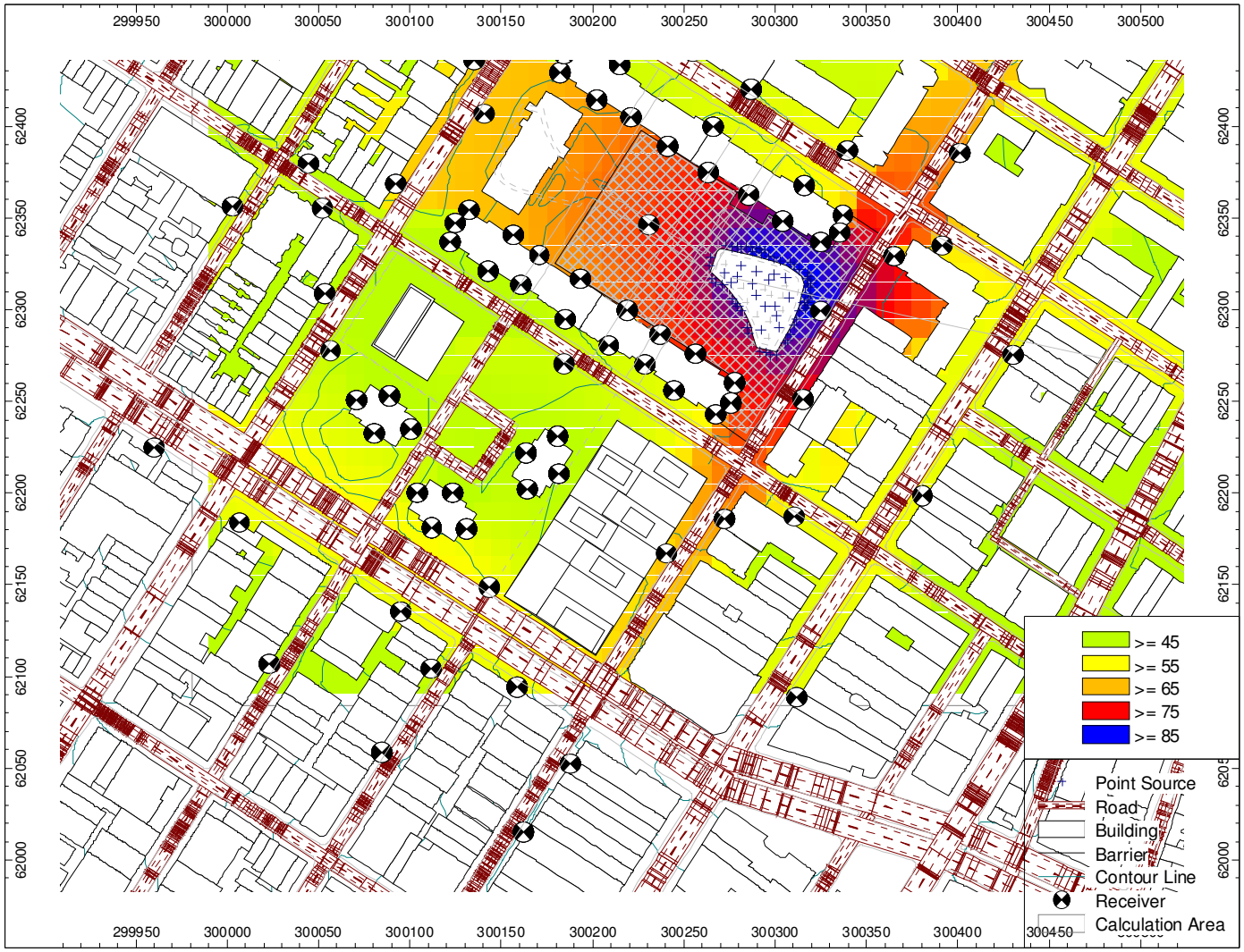
Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2025 – Q3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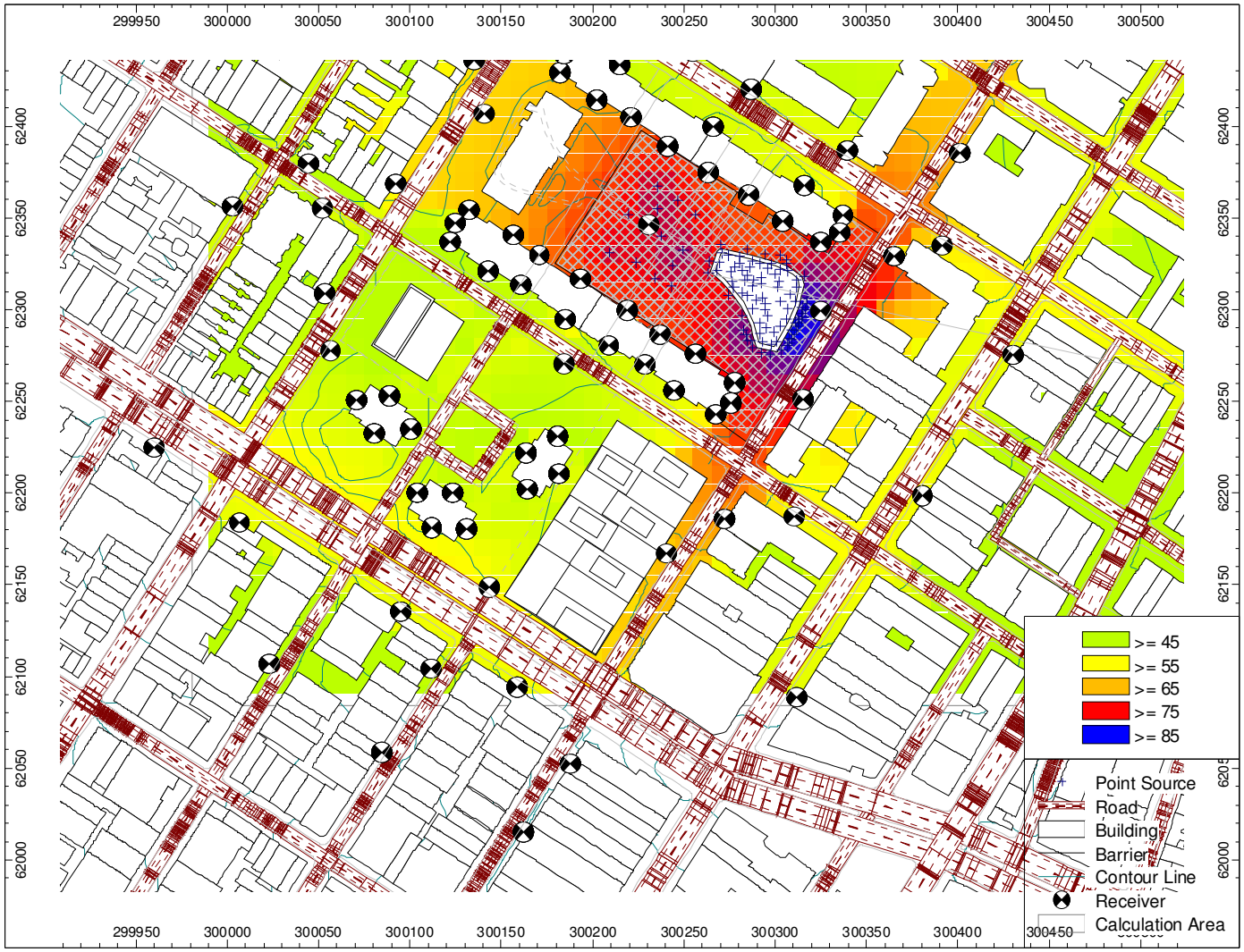
Building
Barrier
Contour Line
Receiver
Calculation Area

2026 – Q2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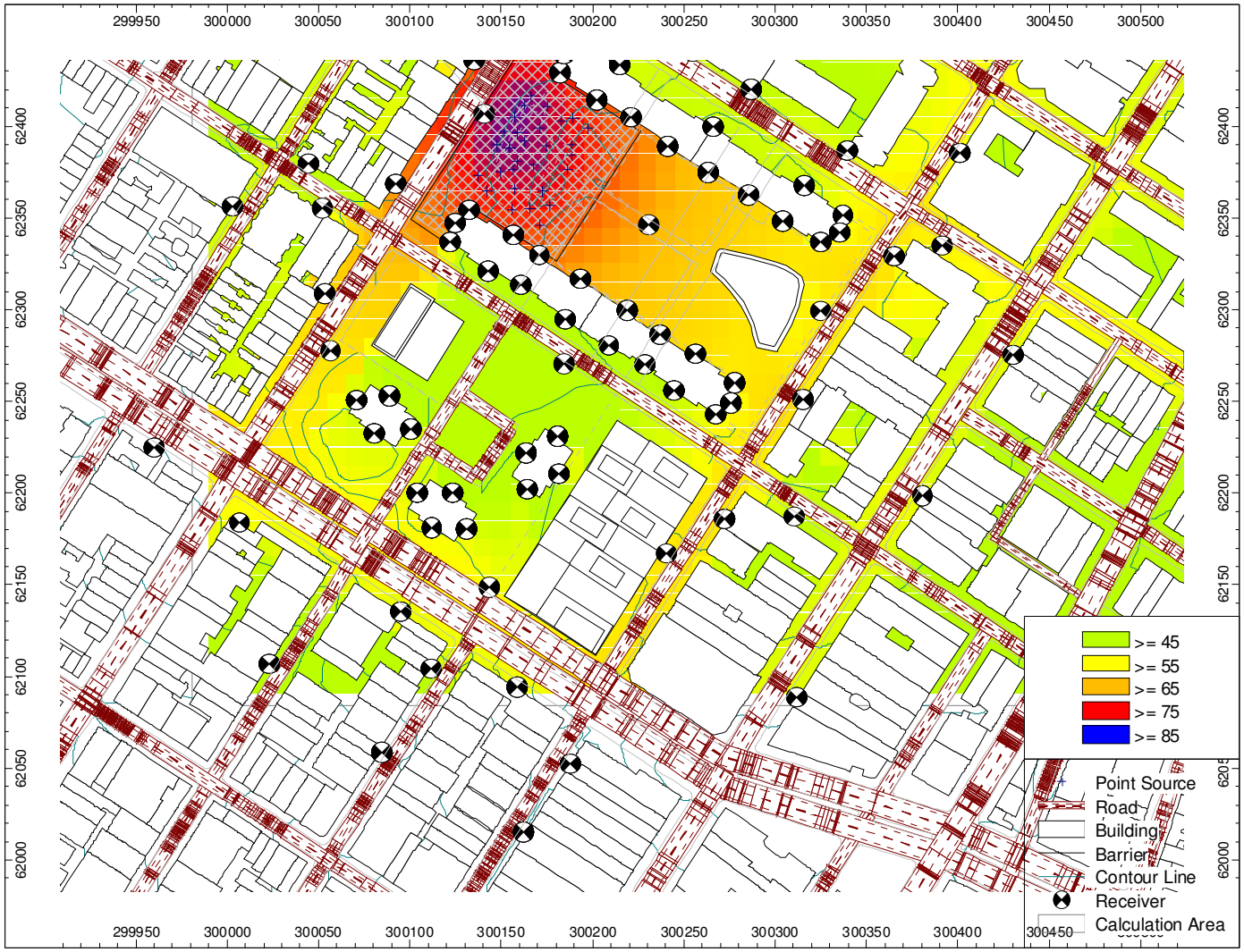
Building
Barrier
Contour Line
Receiver
Calculation Area

2027 – Q2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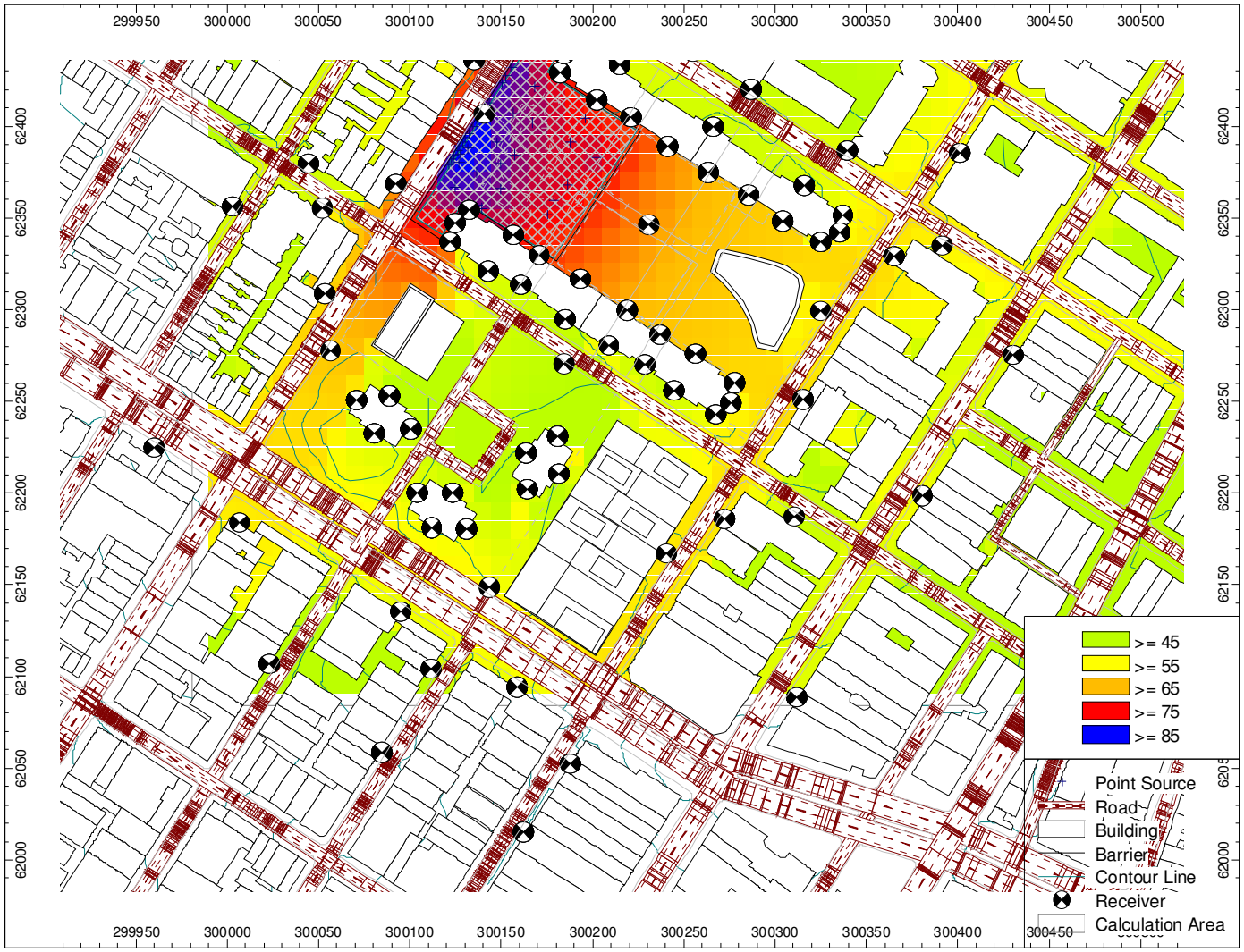
Receiver
Calculation Area

2028 – Q4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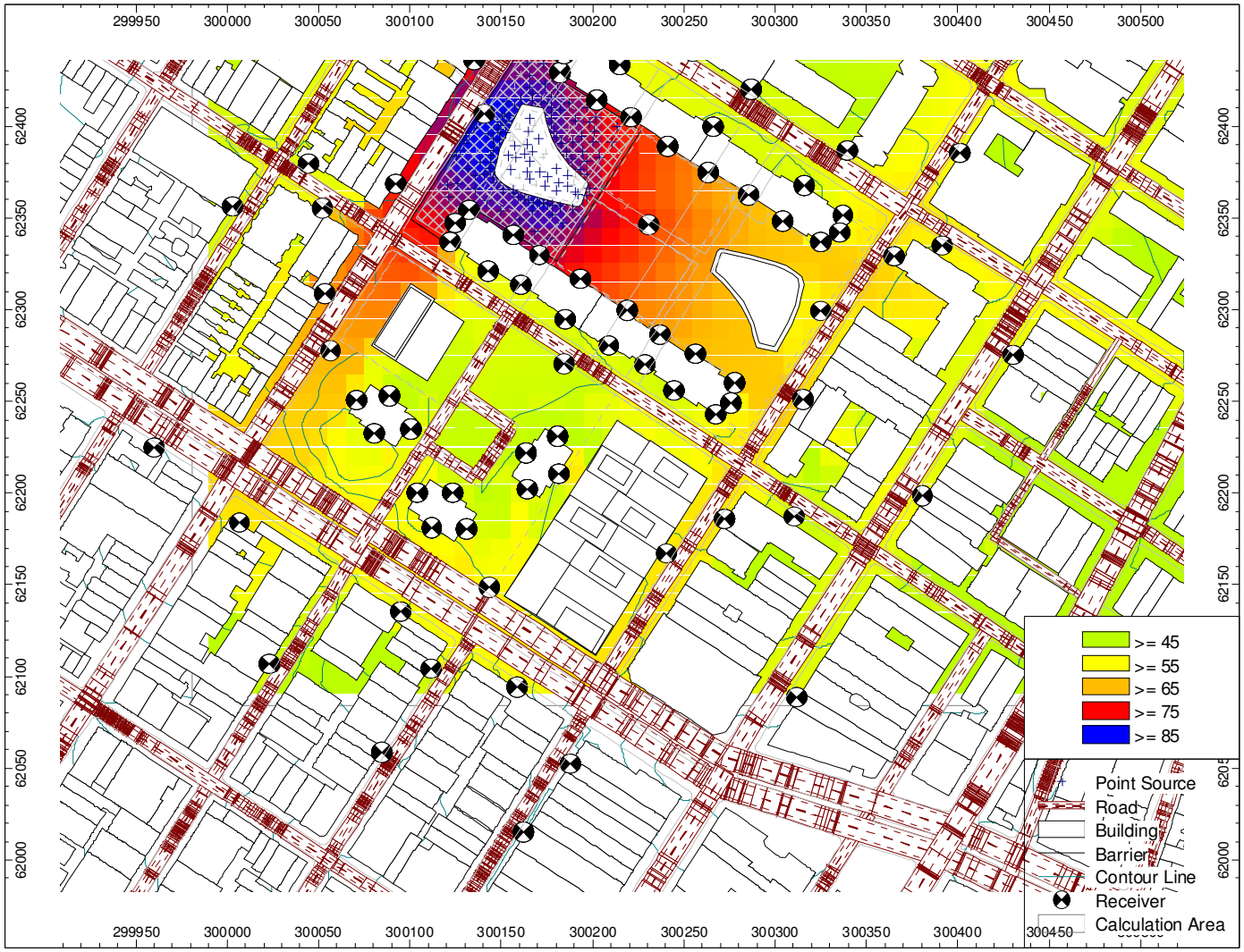
Building
Barrier
Contour Line
Receiver
Calculation Area

2029 – Q3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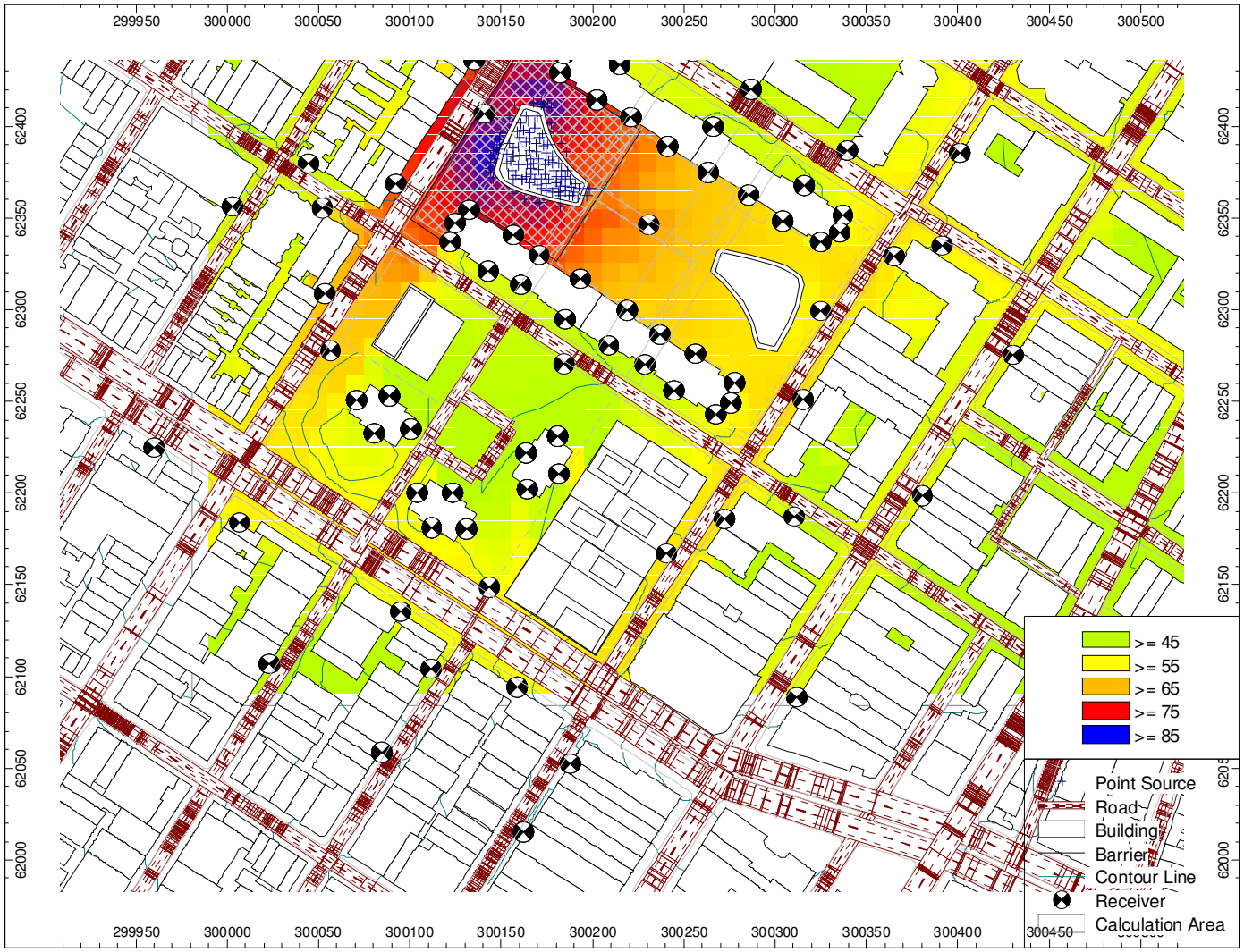
Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2030 – Q3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Point Source
Road
Building
Barrier
Contour Line
Receiver
Calculation Area

2031 – Q1

Appendix E-8 Construction Noise Proportional Modeling and TNM Results

Proportional Model Results

Weekday
NOISE LEVEL CALCULATIONS

Site	Hour	2011						2017 Phase I					2031	2026 Phase II					
		Total Volume	Auto	Medium	Heavy	Bus	PCEs	Total Volume	NB PCEs	Auto	PCEs	Double PCEs	Volume	Total Volume	NB PCEs	Auto	Truck	PCEs	Double PCEs
1	7-8 AM	1686	90.8%	6.3%	1.1%	1.8%	4329.6	1734	4452.9	20	4848.9	no	2257.0	1828	4694.7	2	6	4978.7	no
2	7-8 AM	153	88.5%	8.7%	1.9%	1.0%	472.6	157	485.0	0	1190.0	yes	199.0	161	497.9	0	12	1061.9	yes
3	7-8 AM	288	85.9%	9.5%	1.7%	2.9%	983.5	295	1007.4	36	1043.4	no	371.0	301	1026.2	0	0	1026.2	no
4	7-8 AM	350	70.3%	6.3%	15.6%	7.8%	3590.3	356	3651.8	26	3677.8	no	443.0	359	3680.9	3	0	3683.9	no
5	7-8 AM	282	70.3%	6.3%	15.6%	7.8%	2892.8	288	2954.3	0	2954.3	no	359.0	291	2982.9	3	0	2985.9	no
6	7-8 AM	286	80.5%	8.5%	4.9%	6.1%	1518.9	292	1550.8	27	1577.8	no	366.0	296	1574.5	17	0	1591.5	no
7	7-8 AM	133	88.5%	8.7%	1.9%	1.0%	410.8	137	423.2	0	987.2	yes	173.0	140	432.9	0	11	949.9	yes
9	7-8 AM	268	85.9%	9.5%	1.7%	2.9%	915.2	275	939.1	0	939.1	no	345.0	279	954.3	0	0	954.3	no
10	7-8 AM	312	80.5%	8.5%	4.9%	6.1%	1657.0	319	1694.2	12	2129.2	no	401.0	325	1725.1	17	7	2071.1	no
11	7-8 AM	207	80.5%	8.5%	4.9%	6.1%	1099.4	211	1120.6	0.0	1120.6	no	266.0	215	1144.3	20.0	0.0	1164.3	no
12	7-8 AM	307	85.9%	9.5%	1.7%	2.9%	1048.4	314	1072.3	10.0	1223.3	no	1854.0	1502	5128.4	0	0	5128.4	no

TNM Results

Weekday
NOISE LEVEL CALCULATIONS

Site	Hour	2011			2017 Phase I						2026 Phase II					
					NB			Build			NB			Build		
		Measured Existing L_{eq}	TNM L_{eq}	Correction Factor	TNM L_{eq}	Corrected L_{eq}	Increase Over Existing (dBA)	TNM L_{eq}	Corrected L_{eq}	Increase Over No Build (dBA)	TNM L_{eq}	Corrected L_{eq}	Increase Over Existing (dBA)	TNM L_{eq}	Corrected L_{eq}	Increase Over No Build (dBA)
2	7-8 AM	67.9	64.8	-3.1	64.9	68.0	0.1	67.5	70.6	2.6	65.0	68.1	0.2	67.2	70.3	2.2
7	7-8 AM	65.2	63.6	-1.6	63.6	65.2	0.0	66.3	67.9	2.7	63.7	65.3	0.1	66.2	67.8	2.5

Calculations for Construction Vibration

$PPV_{equioment} = PPV_{ref} * (25/D)^{1.5}$

where:

PPV_{equip} is the peak particle velocity in in/sec of the equipment at the receiver location

PPV_{ref} is the reference vibration level in in/sec at 25 feet

D is the distance from the equipment to the received location in feet

Equipment		PPVr	Criterion PPV	Impact Distance (ft)	PPVe
Pile Driver (Impact)	upper rang	1.518	0.5	50	0.5
Pile Driver (sonic)	upper rang	0.734	0.5	33	0.5
Clam Shovel Drop (slurry wall)		0.202	0.5	13	0.5
Vibratory Roller		0.210	0.5	15	0.5
Hoe Ram/Large Bulldozer/Caisson Drilling		0.089	0.5	8	0.5
Loaded Truck		0.076	0.5	8	0.5
Jackhammer		0.035	0.5	5	0.5

Calculations for Construction Ground-Boren Vibration

Lv(D) = Lv(25ft) - 30 log(D/25)

where:

L_v(D) is the vibration level in VdB of the equipment at the receiver location

L_v(ref) is the reference vibration level in VdB at 25 feet

D is the distance from the equipment to the receiver location in feet

Equipment		Lv(25ft)	Criterion PPV	Impact Distance (ft)	PPVe
Pile Driver (Impact)	upper rang	112	65	900	65
Pile Driver (sonic)	upper rang	105	65	550	65
Clam Shovel Drop (slurry wall)		94	65	230	65
Vibratory Roller		94	65	230	65
Hoe Ram/Large Bulldozer/Caisson Drilling		87	65	140	65
Loaded Truck		86	65	125	65
Jackhammer		79	65	75	65

Worst case

Appendix E-10: Bleecker Building Alternate Phasing Scenario Open Space Assessment

Upon completion of the Bleecker Building, there could be a population introduced by the Proposed Actions prior to the completion of the new open spaces surrounding the proposed Zipper Building (e.g., Toddler Playground and Greene Street Walk), and when the Zipper Building commences construction activities, several existing publicly accessible open spaces would be displaced (see **Figure E-10-1**). Overall, construction activities associated with the proposed Zipper Building would displace approximately 0.352 acres of publicly accessible open space (0.09 acres passive, 0.262 acres active). By 2016, NYU would introduce the Temporary LaGuardia Landscape Play Area, the Bleecker Seating Area, and the Temporary Mercer Plaza, which collectively would include approximately 0.783 acres of publicly accessible open space, for a net gain of approximately 0.431 acres of publicly accessible open space (a 0.504-acre increase in publicly accessible passive open space, and a 0.073-acre decrease in publicly accessible active space).

As described in Chapter 20, "Construction," during the construction of the Zipper Building, all construction engines would be located away from the west side of the construction site, so as to maintain a buffer from residential buildings and open spaces west of the Zipper Building, to the extent practicable. The results of the Phase 1 air quality analysis—which represented worst-case conditions during the construction of the Zipper Building—showed that construction activities during this phase would not result in any significant adverse air quality impacts at any sensitive receptors, which included areas such as public and private open spaces directly adjacent to construction activities.

During construction of the Zipper Building, there would be no temporary significant adverse noise impacts at any publicly accessible open spaces.

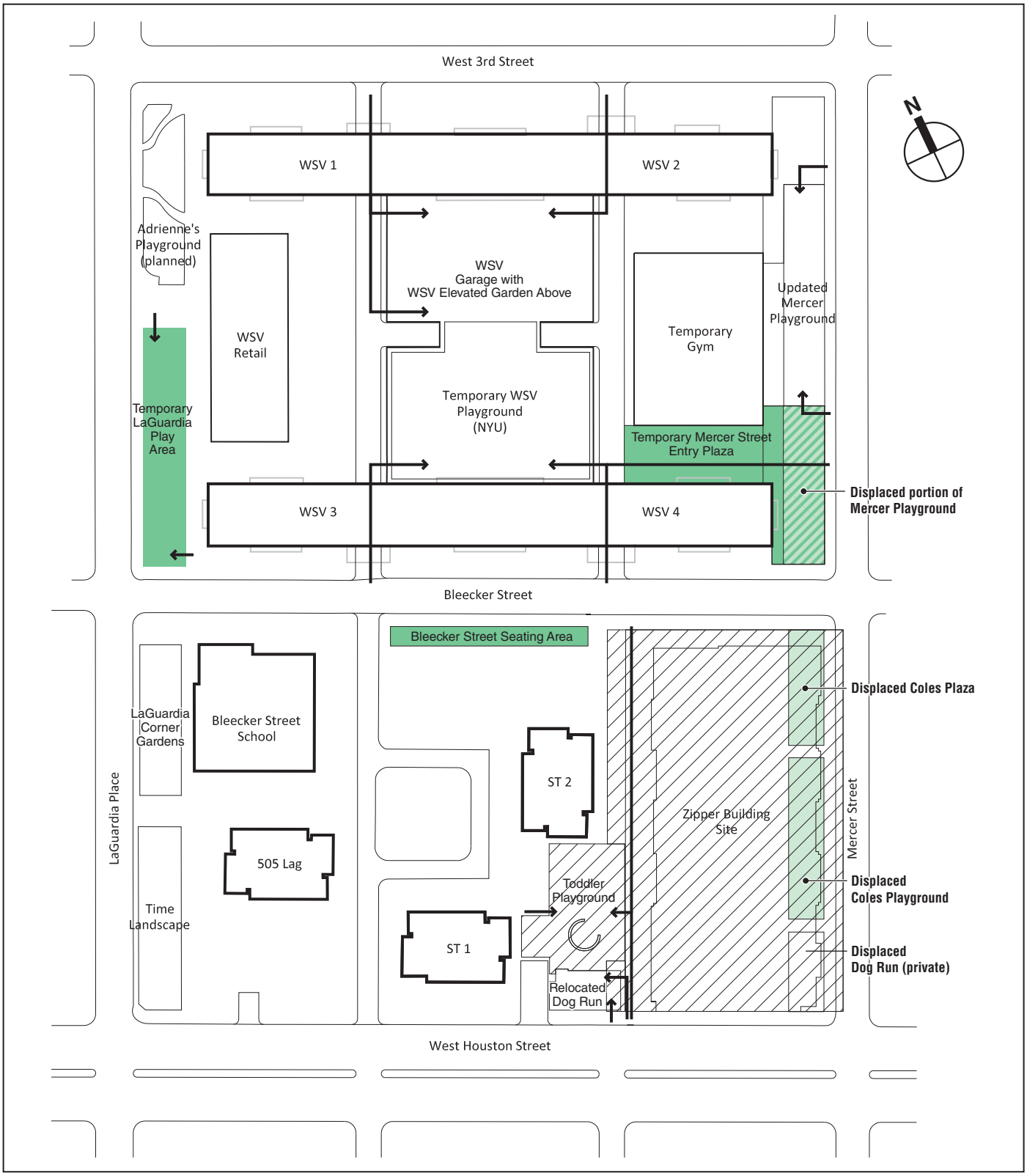
In terms of potential indirect open space effects under this scenario, as shown in **Table E-10-1**, while the active open space ratio in the residential study area would decrease by 0.9 percent during construction of the proposed Zipper Building, all other open space ratios would improve slightly as compared to future conditions without the Proposed Actions (between 1.7 and 3.8 percent increases). Therefore, during the first phase of construction, as existing open spaces are displaced to accommodate the temporary gym, Zipper Building, and project open spaces, the Proposed Actions would slightly improve passive open space ratios both in the residential and non-residential study areas, and result in a temporary decrease in the active open space ratio within the residential study area. According to the *CEQR Technical Manual*, in areas that are extremely lacking in open space, a reduction of open space ratios as small as 1 percent may be considered significant, as it may result in overburdening existing facilities or further exacerbating a deficiency in open space. Given that the Proposed Actions would not reduce the active open space ratio by 1 percent, the reduction would not be considered a significant adverse impact.

Table E-10-1
Open Space Ratios During Zipper Building Construction
(After Completion of Bleecker Building)

Ratio	DCP Guideline	Existing Ratio	Future Without the Proposed Project Ratio	Future With the Proposed Project Ratio	Percent Change (Future With vs. Future Without)
Non-Residential Study Area					
Passive/non-residents	0.15	0.101	0.097	0.100	3.5%
Passive/total population	0.23	0.076	0.073	0.076	3.8%
Residential Study Area					
Total/residents	2.5	0.243	0.229	0.233	1.7%
Passive/residents	0.5	0.138	0.129	0.134	3.7%
Active/residents	2.0	0.106	0.100	0.099	-0.9%
Passive/total population*	0.27	0.048	0.046	0.048	3.7%

Note:
* Weighted average combining 0.15 acres per 1,000 non-residents and 0.50 acres per 1,000 residents. Non-residents typically use passive spaces; therefore, for the non-residential study area, only passive open space ratios are calculated. For the residential study area, active, passive, and total park space ratios are calculated.

5.22.12



Construction Area

Displaced Publicly Accessible Open Space

New Publicly Accessible Open Space

Open Space Entry

0 100 200 FEET

SCALE

Displaced and New Open Spaces by 2016 Construction Year (Alternate Bleecker Building Phasing Scenario)

Figure E-10-1

NYU Core