

## Table of Contents

<b>Executive Summary.....</b>	<b>1</b>
1. Introduction.....	1
2. Project Area .....	2
<i>Project Area History.....</i>	5
3. Proposed Actions.....	7
<i>Rezoning (R8 to R9-1 with a C2-5 Overlay) .....</i>	7
<i>Zoning Text Amendment.....</i>	7
<i>Authorization (ZR Section 13-443).....</i>	7
<i>Modification of the LSRD .....</i>	8
4. Proposed Development and With Action Condition.....	10
5. Project Purpose and Need.....	18
6. Analysis Framework and Reasonable Worst-Case Development Scenario.....	19
<i>Future No-Action Condition .....</i>	19
<i>Future With-Action Condition .....</i>	19
<i>Increment for Analysis.....</i>	20
<i>Analysis (Build) Year.....</i>	21
7. Principal Conclusions of Environmental Analysis.....	21
<i>Land Use, Zoning, and Public Policy .....</i>	21
<i>Socioeconomic Conditions .....</i>	22
<i>Open Space.....</i>	22
<i>Shadows .....</i>	22
<i>Historic Resources.....</i>	23
<i>Urban Design and Visual Resources.....</i>	24
<i>Hazardous Materials .....</i>	25
<i>Transportation.....</i>	25
<i>Air Quality.....</i>	27
<i>Greenhouse Gas Emissions.....</i>	28
<i>Noise .....</i>	28
<i>Public Health.....</i>	29
<i>Neighborhood Character.....</i>	29
<i>Construction.....</i>	29
<i>Alternatives.....</i>	32
<i>Mitigation.....</i>	33
<i>Unavoidable Significant Adverse Impacts .....</i>	34
<i>Growth-Inducing Aspects of the Proposed Project .....</i>	35
<i>Irreversible and Irretrievable Commitments of Resources.....</i>	36

<b>1 Project Description.....</b>	<b>1-1</b>
1.1 Introduction.....	1-1
1.2 Project Area.....	1-2
<i>Project Area History.....</i>	1-7
1.3 Proposed Actions.....	1-9
<i>Rezoning (R8 to R9-1 with a C2-5 Overlay) .....</i>	1-9
<i>Zoning Text Amendment.....</i>	1-9
<i>Authorization (ZR Section 13-443).....</i>	1-9
<i>Modification of the LSRD .....</i>	1-9
1.4 Proposed Development and With Action Condition.....	1-12
1.5 Project Purpose and Need.....	1-19
1.6 Analysis Framework and Reasonable Worst-Case Development Scenario....	1-20
<i>Future No-Action Condition.....</i>	1-21
<i>Future With-Action Condition .....</i>	1-21
<i>Increment for Analysis.....</i>	1-22
<i>Analysis (Build) Year.....</i>	1-22
<b>2 Land Use, Zoning, and Public Policy .....</b>	<b>2-1</b>
2.1 Introduction.....	2-1
2.2 Principal Conclusions .....	2-2
<i>Land Use and Zoning.....</i>	2-2
<i>Public Policy .....</i>	2-2
2.3 Methodology .....	2-2
2.4 Assessment.....	2-3
<i>Land Use.....</i>	2-3
<i>Zoning.....</i>	2-11
<i>Public Policy .....</i>	2-18
<b>3 Socioeconomic Conditions.....</b>	<b>3-1</b>
3.1 Introduction.....	3-1
3.2 Principal Conclusions .....	3-2
3.3 Methodology .....	3-2
<i>Introduction .....</i>	3-2
<i>Analysis Format.....</i>	3-3
3.4 Initial Screening Assessment.....	3-3
3.5 Preliminary Assessment of Indirect Residential Displacement .....	3-4
<i>Indirect Residential Displacement Methodology.....</i>	3-4
<i>Existing Conditions.....</i>	3-7
<i>No-Action Condition .....</i>	3-10
<i>With-Action Condition.....</i>	3-12

<b>4 Open Space .....</b>	<b>4-1</b>
4.1 Introduction.....	4-1
4.2 Principal Conclusions .....	4-1
4.3 Methodology .....	4-2
<i>Direct Effects Analysis</i> .....	4-2
<i>Indirect Effects Analysis</i> .....	4-2
4.4 Preliminary Assessment.....	4-6
<i>Existing Conditions</i> .....	4-6
<i>No-Action Condition</i> .....	4-10
<i>With-Action Condition</i> .....	4-11
<b>5 Shadows .....</b>	<b>5-1</b>
5.1 Introduction.....	5-1
5.2 Principal Conclusions .....	5-2
5.3 Methodology .....	5-3
<i>Detailed Assessment</i> .....	5-4
5.4 Preliminary Assessment.....	5-4
<i>Tier 1 and Tier 2 Screening</i> .....	5-4
<i>Tier 3 Screening Results</i> .....	5-8
5.5 Detailed Shadow Analysis.....	5-15
<i>The Park</i> .....	5-17
<i>Analysis Results by Season</i> .....	5-25
<b>6 Historic Resources.....</b>	<b>6-1</b>
6.1 Introduction.....	6-1
6.2 Principal Conclusions .....	6-1
<i>Archaeological Resources</i> .....	6-1
<i>Architectural Resources</i> .....	6-2
6.3 Methodology .....	6-3
<i>Archaeological Resources</i> .....	6-3
<i>Architectural Resources</i> .....	6-4
6.4 Preliminary Assessment.....	6-5
<i>Existing Conditions</i> .....	6-5
<i>No-Action Condition</i> .....	6-11
<i>With-Action Condition</i> .....	6-12
<b>7 Urban Design and Visual Resources.....</b>	<b>7-1</b>
7.1 Introduction.....	7-1
7.2 Principal Conclusions .....	7-2
7.3 Methodology .....	7-2
7.4 Study Area .....	7-3
7.5 Assessment.....	7-5
<i>Existing Conditions</i> .....	7-5
<i>No-Action Condition</i> .....	7-15

<i>With-Action Condition</i> .....	7-20
<b>8 Hazardous Materials .....</b>	<b>8-1</b>
8.1 Introduction.....	8-1
8.2 Principal Conclusions .....	8-2
8.3 Methodology .....	8-2
8.4 Assessment .....	8-3
<i>Existing Conditions</i> .....	8-3
<i>Future No-Action Condition</i> .....	8-8
<i>Future With-Action Condition</i> .....	8-8
<b>9 Transportation.....</b>	<b>9-1</b>
9.1 Introduction.....	9-1
<i>Traffic Street Network</i> .....	9-3
<i>Parking</i> .....	9-3
<i>Transit</i> .....	9-3
<i>Pedestrians</i> .....	9-4
<i>Vehicular and Pedestrian Safety</i> .....	9-4
9.2 Methodology .....	9-4
9.3 Level 1 Screening Assessment.....	9-5
<i>Level 1 Screening Assessment</i> .....	9-8
<i>Level 2 Screening Assessment</i> .....	9-9
<i>Level 2 Screening Results</i> .....	9-21
9.4 Transportation Analysis Methodologies.....	9-25
<i>Traffic</i> .....	9-26
<i>Parking</i> .....	9-27
<i>Transit</i> .....	9-28
<i>Pedestrians</i> .....	9-32
<i>Vehicular and Pedestrian Safety</i> .....	9-29
9.5 Existing Conditions.....	9-33
<i>Traffic</i> .....	9-33
<i>Parking</i> .....	9-48
<i>Transit</i> .....	9-48
<i>Pedestrians</i> .....	9-50
<i>Vehicular and Pedestrian Safety</i> .....	9-57
9.6 No-Action Conditions .....	9-58
<i>Traffic</i> .....	9-58
<i>Parking</i> .....	9-70
<i>Subway Transit</i> .....	9-70
<i>Pedestrians</i> .....	9-71
9.7 With-Action Conditions.....	9-79
<i>Traffic</i> .....	9-79
<i>Parking</i> .....	9-93
<i>Subway Transit</i> .....	9-95
<i>Pedestrian</i> .....	9-96

<b>10 Air Quality .....</b>	<b>10-1</b>
10.1 Introduction.....	10-1
10.2 Principal Conclusions .....	10-2
10.3 Pollutants of Concern .....	10-3
10.4 Impact Criteria .....	10-4
<i>National Ambient Air Quality Standards.....</i>	10-4
<i>Non-criteria Pollutant Thresholds.....</i>	10-5
10.5 Methodology and Screening Analyses.....	10-7
<i>Mobile Source Screening Analysis .....</i>	10-7
<i>HVAC Analysis.....</i>	10-7
<i>Industrial Source Analysis.....</i>	10-12
<i>"Large" or "Major" Source Analysis.....</i>	10-13
10.6 Assessment.....	10-13
<i>HVAC Analysis.....</i>	10-13
<i>Industrial Source Analysis.....</i>	10-19
<i>"Large "or "Major" Source Analysis.....</i>	10-20
<b>11 Greenhouse Gas Emissions.....</b>	<b>11-1</b>
11.1 Introduction.....	11-1
11.2 Principal Conclusions .....	11-2
11.3 Pollutants of Concern.....	11-2
11.4 Methodology.....	11-4
11.5 Assessment .....	11-4
<i>Operational Emissions.....</i>	11-4
<i>Mobile Source Emissions.....</i>	11-5
<i>Construction Phase Emissions.....</i>	11-6
<i>Projected GHG Emissions from the Proposed Actions.....</i>	11-6
11.6 Consistency with the GHG Reduction Goal .....	11-7
<b>12 Noise .....</b>	<b>12-1</b>
12.1 Introduction.....	12-1
12.2 Principal Conclusions .....	12-2
12.3 Noise Background .....	12-3
12.4 Noise Assessment for Existing Receptors.....	12-5
<i>Mobile Sources.....</i>	12-5
<i>Stationary Sources.....</i>	12-8
12.5 Noise Assessment for New Receptors.....	12-8
<i>Noise Exposure Guidelines .....</i>	12-8
<i>Existing Sound Levels .....</i>	12-9
<i>Acceptability Assessment.....</i>	12-12

12.6 Noise Attenuation Measures .....	12-12
<b>13 Public Health.....</b>	<b>13-1</b>
13.1 Introduction.....	13-1
13.2 Principal Conclusions.....	13-2
13.3 Methodology .....	13-2
13.4 Assessment .....	13-2
<i>Operational Period.....</i>	13-2
<i>Construction Period.....</i>	13-3
<b>14 Neighborhood Character.....</b>	<b>14-1</b>
14.1 Introduction.....	14-1
14.2 Principal Conclusions.....	14-2
14.3 Methodology .....	14-2
14.4 Project Potential to Adversely Affect the Contributing Elements of Neighborhood Character .....	14-3
14.5 Project Potential to Affect the Defining Features of the Neighborhood.....	14-4
<i>Identification of the Defining Features of the Neighborhood.....</i>	14-4
<i>Assessment.....</i>	14-6
<b>15 Construction .....</b>	<b>15-1</b>
15.1 Introduction.....	15-1
15.2 Principal Conclusions.....	15-1
<i>Transportation.....</i>	15-2
<i>Air Quality.....</i>	15-3
<i>Noise.....</i>	15-3
<i>Vibration.....</i>	15-4
<i>Nearby Construction Projects .....</i>	15-4
15.3 Construction Regulations and General Practices .....	15-4
<i>Construction Oversight.....</i>	15-4
<i>Construction Hours.....</i>	15-5
<i>Construction Practices .....</i>	15-6
15.4 Construction Assessment .....	15-7
<i>Construction Schedule.....</i>	15-7
<i>Historic Resources.....</i>	15-9
<i>Transportation.....</i>	15-9
<i>Air Quality.....</i>	15-18
<i>Noise.....</i>	15-27
<i>Vibration.....</i>	15-39
15.5 Consideration of Nearby Construction Projects.....	15-40

<b>16 Alternatives.....</b>	<b>16-1</b>
<b>16.1 Introduction.....</b>	<b>16-1</b>
<b>16.2 Principal Conclusions.....</b>	<b>16-2</b>
<i>No-Action Alternative.....</i>	<i>16-2</i>
<i>No Unmitigated Significant Adverse Impacts Alternative.....</i>	<i>16-2</i>
<i>Lot 95 Exemption Alternative.....</i>	<i>16-3</i>
<b>16.3 No-Action Alternative .....</b>	<b>16-3</b>
<i>Description of the No-Action Alternative .....</i>	<i>16-3</i>
<i>Land Use, Zoning, and Public Policy .....</i>	<i>16-3</i>
<i>Socioeconomic Conditions .....</i>	<i>16-4</i>
<i>Open Space.....</i>	<i>16-4</i>
<i>Shadows.....</i>	<i>16-4</i>
<i>Historic and Cultural Resources.....</i>	<i>16-4</i>
<i>Urban Design and Visual Resources.....</i>	<i>16-5</i>
<i>Hazardous Materials .....</i>	<i>16-5</i>
<i>Transportation.....</i>	<i>16-5</i>
<i>Air Quality.....</i>	<i>16-6</i>
<i>Greenhouse Gas Emissions.....</i>	<i>16-6</i>
<i>Noise.....</i>	<i>16-6</i>
<i>Neighborhood Character.....</i>	<i>16-6</i>
<i>Construction .....</i>	<i>16-6</i>
<i>Public Health.....</i>	<i>16-6</i>
<b>16.4 No Unmitigated Significant Adverse Impact Alternative.....</b>	<b>16-7</b>
<b>16.5 Lot 95 Exemption Alternative.....</b>	<b>16-7</b>
<i>Description of Lot 95 Exemption Alternative.....</i>	<i>16-7</i>
<i>Comparison of Lot 95 Exemption Alternative to the Proposed Project.....</i>	<i>16-8</i>
<i>Land Use, Zoning, and Public Policy .....</i>	<i>16-8</i>
<i>Socioeconomic Conditions .....</i>	<i>16-8</i>
<i>Open Space.....</i>	<i>16-9</i>
<i>Shadows.....</i>	<i>16-9</i>
<i>Historic and Cultural Resources.....</i>	<i>16-9</i>
<i>Urban Design and Visual Resources.....</i>	<i>16-9</i>
<i>Hazardous Materials .....</i>	<i>16-10</i>
<i>Transportation.....</i>	<i>16-10</i>
<i>Air Quality.....</i>	<i>16-10</i>
<i>Greenhouse Gas Emissions.....</i>	<i>16-11</i>
<i>Noise.....</i>	<i>16-11</i>
<i>Neighborhood Character.....</i>	<i>16-11</i>
<i>Construction .....</i>	<i>16-11</i>
<i>Public Health.....</i>	<i>16-12</i>

<b>17 Mitigation .....</b>	<b>17-1</b>
17.1 Introduction.....	17-1
17.2 Principal Conclusions.....	17-2
<i>Traffic</i> .....	17-2
<i>Pedestrians</i> .....	17-2
17.3 Transportation.....	17-3
<i>Traffic</i> .....	17-3
<i>Pedestrians</i> .....	17-9
17.4 Construction.....	17-10
<b>18 Unavoidable Significant Adverse Impacts.....</b>	<b>18-1</b>
18.1 Introduction.....	18-1
18.2 Principal Conclusions .....	18-1
<i>Transportation</i> .....	18-1
<i>Construction</i> .....	18-2
<b>19 Growth-Inducing Aspects of the Proposed Project .....</b>	<b>19-1</b>
19.1 Introduction.....	19-1
19.2 Principal Conclusions.....	19-2
<b>20 Irreversible and Irretrievable Commitments of Resources .....</b>	<b>20-1</b>
<b>Appendices</b>	
Appendix 1 Historic and Cultural Resources.....	A1-1
Appendix 2 Urban Design and Visual Resources .....	A2-1
Appendix 3 Hazardous Materials.....	A3-1

## List of Tables

Table 1 Existing Conditions (Projected Development Sites 1 and 2) .....	3
Table 2 Projected Development – Incremental Increase over No-Action condition ..	17
Table 3 Increment for Analysis .....	20
Table 1-1 Existing Conditions (Projected Development Sites 1 and 2).....	1-3
Table 1-2 Projected Development–Incremental Increase over No-Action condition.....	1-19
Table 1-3 Increment for Analysis.....	1-22
Table 2-1 Study Area Generalized Land Use.....	2-6
Table 2-2 No-Action Projects within 400-Foot Study Area.....	2-10
Table 3-1 Population and Housing Data .....	3-7
Table 3-2 Average Household Income .....	3-8
Table 3-3 Household Income Distribution.....	3-8
Table 3-4 NYCHA Developments in the Study Area .....	3-9
Table 3-5 Median Gross Rent.....	13-0
Table 3-6 No-Action Condition Residential Development.....	13-1
Table 3-7 2018 New York City Area Median Income (AMI) .....	13-2
Table 3-8 Estimated Income for Market-Rate Units.....	13-3
Table 4-1 Existing Population in the Residential Study Area.....	4-6
Table 4-2 Existing Residential Study Area Open Spaces .....	4-8
Table 4-3 Existing Conditions – Adequacy of Open Space Resources .....	4-9
Table 4-4 No-Action Condition – Adequacy of Open Space Resources.....	4-11
Table 4-5 With-Action Condition – Adequacy of Open Space Resources .....	4-12
Table 5-1 Affected Area – Potential Sunlight Sensitive Resources.....	5-4
Table 5-2 Resources that Warrant Tier 3 Shadow Analysis .....	5-8
Table 5-3 Tier 3 Screening Results and Shadow Duration .....	5-13
Table 5-4 No-Action Essex Crossing Developments Considered in Detailed Analysis.....	5-16
Table 5-5 Detailed Analysis Summary of Shadow Entry/Exit Times at The Park.....	5-26
Table 5-6 Detailed Analysis Summary of Sunlight Duration on The Park .....	5-26
Table 7-1 Urban Design Elements on the Project Block – Existing Conditions by Lot.....	7-6
Table 7-2 Urban Design Elements in Study Area – Existing Conditions .....	7-8
Table 7-3 No-Action Conditions within Essex Crossing .....	7-16
Table 7-4 With-Action Floor Area by Building .....	7-20
Table 9-1 Development Program for Analysis .....	9-3
Table 9-2 Travel Demand Characteristics .....	9-6
Table 9-3 Project-Generated Person Trips.....	9-8
Table 9-4 Project-Generated Vehicle Trips .....	9-9
Table 9-5 Off-Street Parking Inventory .....	9-15
Table 9-6 Level of Service Criteria for Subway Station Elements.....	9-27
Table 9-7 Significant Impact Guidance for Stairs and Passageways.....	9-28
Table 9-8 Level of Service Criteria for Pedestrian Elements.....	9-29
Table 9-9 Significant Impact Criteria for Sidewalks.....	9-31
Table 9-10 Significant Impact Criteria for Corners and Crosswalks .....	9-32
Table 9-11 Existing Traffic Level of Service Summary – Overall Intersections .....	9-45
Table 9-12 Existing Traffic Level of Service Summary – Traffic Movements.....	9-45
Table 9-13 Existing Traffic Level of Service.....	9-46
Table 9-14 2018 Existing Subway Station Levels of Service – Stairways.....	9-50
Table 9-15 2018 Existing Subway Station Levels of Service – Escalators .....	9-50

Table 9-16	2018 Existing Pedestrian Levels of Service Summary .....	9-55
Table 9-17	2018 Existing Pedestrian Levels of Service – Sidewalks .....	9-56
Table 9-18	2018 Existing Pedestrian Levels of Service – Crosswalks.....	9-56
Table 9-19	2018 Existing Pedestrian Levels of Service – Corners .....	9-57
Table 9-20	Vehicle and Pedestrian Crash Summary .....	9-58
Table 9-21	No-Action Development Projects.....	9-59
Table 9-22	2018 Existing vs. 2023 No-Action Traffic Levels of Service - Overall Intersections .....	9-67
Table 9-23	2018 Existing vs. 2023 No-Action Traffic Levels of Service – Traffic Movements .....	9-67
Table 9-24	2023 No-Action Traffic Levels of Service.....	9-68
Table 9-25	2023 No-Action Subway Station Levels of Service – Stairways .....	9-71
Table 9-26	2023 No-Action Subway Station Levels of Service – Escalators .....	9-71
Table 9-27	2023 No-Action Pedestrian Levels of Service Summary.....	9-77
Table 9-28	2023 No-Action Pedestrian Levels of Service – Sidewalks.....	9-78
Table 9-29	2023 No-Action Pedestrian Levels of Service – Crosswalks .....	9-78
Table 9-30	2023 No-Action Pedestrian Levels of Service – Corners.....	9-79
Table 9-31	2023 No-Action vs. With-Action Traffic Levels of Service - Overall Intersections .....	9-86
Table 9-32	2023 No-Action vs. With-Action Traffic Levels of Service – Traffic Movements .....	9-87
Table 9-33	2023 No-Action vs. With-Action Traffic Levels of Service.....	9-88
Table 9-34	Projected Weekday Parking Demand .....	9-94
Table 9-35	Projected Saturday Parking Demand .....	9-95
Table 9-36	2023 With-Action Subway Station Levels of Service – Stairways.....	9-96
Table 9-37	2023 With-Action Subway Station Levels of Service – Escalators.....	9-96
Table 9-38	2023 With-Action Pedestrian Levels of Service Summary .....	9-102
Table 9-39	2023 With-Action Pedestrian Levels of Service – Sidewalks .....	9-103
Table 9-40	2023 With-Action Pedestrian Levels of Service – Crosswalks.....	9-103
Table 9-41	2023 With-Action Pedestrian Levels of Service – Corners .....	9-104
Table 11-1	Global Warming Potential for Primary Greenhouse Gases.....	11-3
Table 11-2	Estimated Annual Energy Consumption on Projected Development Sites.....	11-5
Table 11-3	Proposed Action Annual Vehicle Miles Traveled (miles per year) .....	11-6
Table 11-4	Mobile Source Emissions .....	11-6
Table 11-6	Total Mobile Source and Operational GHG Emissions.....	11-7
Table 12-1	Common Indoor and Outdoor Sound Levels.....	12-4
Table 12-2	Passenger Car Equivalents Analysis .....	12-7
Table 12-3	Noise Exposure Guidelines for Use in City Environmental Impact Review.....	12-9
Table 12-4	Ambient Sound Levels Measured at Ground Level .....	12-10
Table 12-5	Sound Level Acceptability, dBA .....	12-12
Table 12-6	Required Attenuation Values.....	12-13
Table 15-1	Average Number of Daily Workers and Trucks by Quarter.....	15-10
Table 15-2	Peak Construction Vehicle Trip Projections – Fourth Quarter of 2021	15-11
Table 15-3	Comparison of Vehicle Trips – Construction Phase vs. With Action Conditions .....	15-12
Table 15-4	Existing Traffic Levels of Service .....	15-13
Table 15-6	Construction No-Action vs With-Action vs With-Action w/ Improvements Traffic Levels of Service Comparison – Weekday AM Peak Hour .....	15-16
Table 15-7	Construction No-Action vs With-Action vs With-Action w/ Improvements Traffic Levels of Service Comparison – Weekday PM Peak Hour .....	15-17
Table 15-8	Maximum Predicted Total Concentrations for Construction Activities	15-26
Table 15-9	Estimated Sound Levels During Excavation and Foundation .....	15-30

Table 15-10 Construction Traffic during Peak Morning Period.....	15-31
Table 15-11 Construction Sound Levels .....	15-34
Table 15-12 Vibration Levels and Distances to Potential Effects.....	15-39
Table 16-1 Lot 95 Exemption Alternative.....	16-8
Table 17-1 Traffic Impact Mitigation Summary .....	17-4
Table 17-2 Summary of Impacted Traffic Movements.....	17-4
Table 17-3 Mitigation Measures Levels of Service Comparison – Weekday AM Peak Hour.....	17-5
Table 17-4 Mitigation Measures Levels of Service Comparison – Weekday Midday Peak Hour .....	17-6
Table 17-5 Mitigation Measures Levels of Service Comparison – Weekday PM Peak Hour .....	17-7
Table 17-6 Mitigation Measures Levels of Service Comparison – Saturday Peak Hour.....	17-8
Table 17-7 Crosswalk Impact Mitigation Summary.....	17-10

## List of Figures

Figure 1 Site Location.....	.4
Figure 2 Site Plan .....	11
Figure 3 Waiver Plan.....	12
Figure 4 East Elevation (Suffolk Street) .....	13
Figure 5 North Elevation (Broome Street).....	14
Figure 6 West Elevation (Norfolk Street) .....	15
Figure 7 South Elevation (Grand Street) .....	16
Figure 1-1 Site Location.....	1-4
Figure 1-2 Site Plan .....	1-13
Figure 1-3 Waiver Plan.....	1-14
Figure 1-4 East Elevation (Suffolk Street) .....	1-15
Figure 1-5 North Elevation (Broome Street).....	1-16
Figure 1-6 West Elevation (Norfolk Street) .....	1-17
Figure 1-7 South Elevation (Grand Street) .....	1-18
Figure 2-1 Existing Land Use Map.....	2-5
Figure 2-2 Block and Lot .....	2-7
Figure 2-3 No-Action Projects Within 400-Foot Study Area .....	2-9
Figure 2-4 Existing Zoning Map .....	2-12
Figure 2-5 Proposed Zoning Map Change .....	2-15
Figure 2-6 Proposed Zoning Map.....	2-16
Figure 2-7 LES BID .....	2-20
Figure 3-1 Socioeconomic Study Area .....	3-6
Figure 4-1 Residential Open Space Study Area .....	4-4
Figure 5-1 Tier 1 and Tier 2 Screening Results.....	5-7
Figure 5-2 Tier 3 Screening Results – December 21 Analysis Day.....	5-9
Figure 5-3 Tier 3 Screening Results – March 21/September Analysis Day .....	5-10
Figure 5-4 Tier 3 Screening Results – May 6/August 6 Analysis Day .....	5-11
Figure 5-5 Tier 3 Screening Results – June 21 Analysis Day .....	5-12
Figure 5-6 Seward Park and High School Courts (O3) – Tier 3 June Analysis Day....	5-15
Figure 5-7 Essex Crossing Developments Considered in Detailed Analysis.....	5-17
Figure 5-8 Locations of Sunlight Sensitive Features in The Park .....	5-18
Figure 5-9 Proposed Planting Plan .....	5-20
Figure 5-10 March 21/September 21 – 1:30P.....	5-30
Figure 5-11 March 21/September 21 – 2:00P.....	5-30
Figure 5-12 March 21/September 21 – 2:30P.....	5-31
Figure 5-13 March 21/September 21 – 3:00P.....	5-31
Figure 5-14 March 21/September 21 – 3:30P.....	5-32
Figure 5-15 March 21/September 21 – 4:00P.....	5-32
Figure 5-16 May 6/August 6 – 1:00P .....	5-34
Figure 5-17 May 6/August 6 – 1:30P .....	5-34
Figure 5-18 May 6/August 6 – 2:00P .....	5-35
Figure 5-19 May 6/August 6 – 2:30P .....	5-35
Figure 5-20 May 6/August 6 – 3:00P .....	5-36
Figure 5-21 May 6/August 6 – 3:30P .....	5-36
Figure 5-22 May 6/August 6 – 4:00P .....	5-37
Figure 5-23 May 6/August 6 – 4:30P .....	5-37
Figure 5-24 May 6/August 6 – 5:00P .....	5-38
Figure 5-25 June 21 – 1:00PM .....	5-40
Figure 5-26 June 21 – 1:30P.....	5-40

Figure 5-27 June 21 – 2:00P.....	5-41
Figure 5-28 June 21 – 2:30P.....	5-41
Figure 5-29 June 21 – 3:00P.....	5-42
Figure 5-30 June 21 – 3:30P.....	5-42
Figure 5-31 June 21 – 4:00P.....	5-43
Figure 5-32 June 21 – 4:30P.....	5-43
Figure 5-33 June 21 – 5:00P.....	5-44
Figure 5-34 June 21 – 5:30P.....	5-44
Figure 5-35 June 21 – 6:00P.....	5-45
Figure 6-1 Architectural Resources Within 400-Foot Study Area.....	6-10
Figure 6-2 Remnants of BHH Synagogue .....	6-11
Figure 7-1 Urban Design and Visual Resources Study Area.....	7-4
Figure 7-2 Photo Key Map.....	7-9
Figure 7-3 Essex Crossing No-Action Developments in the Study Area.....	7-16
Figure 7-4 No-Action Condition Building Heights within Study Area .....	7-18
Figure 7-5 No-Action Condition Building Density within the Study Area .....	7-19
Figure 9-1 Site Locations.....	9-2
Figure 9-2 Project Generated Pedestrian Trips – Weekday AM Peak Hour.....	9-11
Figure 9-3 Project Generated Pedestrian Trips – Weekday Midday Peak Hour.....	9-12
Figure 9-4 Project Generated Pedestrian Trips – Weekday PM Peak Hour .....	9-13
Figure 9-5 Project Generated Pedestrian Trips – Saturday Midday Peak Hour .....	9-14
Figure 9-6 Project Generated Vehicle Trips – Weekday AM Peak Hour.....	9-17
Figure 9-7 Project Generated Vehicle Trips – Weekday Midday Peak Hour.....	9-18
Figure 9-8 Project Generated Vehicle Trips – Weekday PM Peak Hour .....	9-19
Figure 9-9 Project Generated Vehicle Trips – Saturday Midday Peak Hour .....	9-20
Figure 9-10 Traffic Analysis Locations.....	9-22
Figure 9-11 Pedestrian Analysis Locations.....	9-24
Figure 9-12 Existing Traffic Volumes – Weekday AM Peak Hour.....	9-35
Figure 9-13 Existing Traffic Volumes – Weekday Midday Peak Hour .....	9-37
Figure 9-14 Existing Traffic Volumes – Weekday PM Peak Hour .....	9-40
Figure 9-15 Existing Traffic Volumes – Saturday Midday Peak Hour .....	9-43
Figure 9-16 2018 Existing Pedestrian Volumes – Weekday AM Peak Hour.....	9-51
Figure 9-17 2018 Existing Pedestrian Volumes – Weekday Midday Peak Hour .....	9-52
Figure 9-18 2018 Existing Pedestrian Volumes – Weekday PM Peak Hour .....	9-53
Figure 9-19 2018 Existing Pedestrian Volumes – Saturday Midday Peak Hour .....	9-54
Figure 9-20 No-Action Development Projects.....	9-60
Figure 9-21 2023 No-Action Traffic Volumes – Weekday AM Peak Hour.....	9-62
Figure 9-22 2023 No-Action Traffic Volumes – Weekday Midday Peak Hour.....	9-63
Figure 9-23 2023 No-Action Traffic Volumes – Weekday PM Peak Hour .....	9-64
Figure 9-24 2023 No-Action Traffic Volumes – Saturday Midday Peak Hour.....	9-65
Figure 9-25 2023 No-Action Pedestrian Volumes – Weekday AM Peak Hour.....	9-72
Figure 9-26 2023 No-Action Pedestrian Volumes – Weekday Midday Peak Hour....	9-73
Figure 9-27 2023 No-Action Pedestrian Volumes – Weekday PM Peak Hour .....	9-74
Figure 9-28 2023 No-Action Pedestrian Volumes – Saturday Midday Peak Hour....	9-75
Figure 9-29 2023 With-Action Traffic Volumes – Weekday AM Peak Hour .....	9-81
Figure 9-30 2023 With-Action Traffic Volumes – Weekday Midday Peak Hour .....	9-82
Figure 9-31 2023 With-Action Traffic Volumes – Weekday PM Peak Hour .....	9-83
Figure 9-32 2023 With-Action Traffic Volumes – Saturday Midday Peak Hour.....	9-84
Figure 9-33 2023 With-Action Pedestrian Volumes – Weekday AM Peak Hour.....	9-97
Figure 9-34 2023 With-Action Pedestrian Volumes – Weekday Midday Peak Hour	9-98
Figure 9-35 2023 With-Action Pedestrian Volumes – Weekday PM Peak Hour.....	9-99
Figure 9-36 2023 With-Action Pedestrian Volumes – Saturday Midday Peak Hour.....	9-100
Figure 12-1 Noise Monitoring Locations.....	12-11

Figure 15-1 Construction Schedule (Norfolk Building) .....	15-8
Figure 15-2 Construction Schedule (Suffolk Building) .....	15-8
Figure 15-3 Projected Average Daily PM <sub>2.5</sub> Construction Emissions Profile.....	15-23
Figure 15-4 Construction Noise Receptor Locations.....	15-33
Figure 15-5 Potential Construction Projects .....	15-41