TABLE OF CONTENTS

EXECUTIVE SUMMARY ................................................................. Page ES-x
A. Introduction .............................................................................. Page ES-x
B. Description of the Proposed Actions ...................................... Page ES-x
C. Renovation & Expansion Plan .................................................. Page ES-xii
D. Need for the Proposed Project .................................................. Page ES-xiii
E. The Proposed Project ............................................................... Page ES-xiv
F. Environmental Impacts of the Proposed Project ....................... Page ES-xvi

1.0 PROJECT DESCRIPTION .......................................................... Page 1-1
   1.1 Introduction .......................................................................... Page 1-1
   1.2 Location and Existing Site Conditions ................................. Page 1-1
   1.3 Renovation and Expansion Plan .......................................... Page 1-2
   1.4 Proposed Project Description .............................................. Page 1-3
   1.5 Need for the Proposed Project ............................................. Page 1-15
   1.6 Proposed Actions ............................................................... Page 1-15
   1.7 Changes in Population ....................................................... Page 1-17

2.0 LAND USE, ZONING, & PUBLIC POLICY ............................. Page 2-1
   2.1 Introduction .......................................................................... Page 2-1
   2.2 Development History .......................................................... Page 2-1
   2.3 Existing Conditions .............................................................. Page 2-2
     2.3.1 Land Use ........................................................................ Page 2-2
     2.3.2 Zoning ............................................................................ Page 2-3
     2.3.3 Public Policy ................................................................. Page 2-3
   2.4 The Future Without The Proposed Project – 2010 ................... Page 2-4
     2.4.1 Land Use ........................................................................ Page 2-4
     2.4.2 Zoning ............................................................................ Page 2-4
     2.4.3 Public Policy ................................................................. Page 2-5
   2.5 The Future With The Proposed Project – 2010 ....................... Page 2-5
     2.5.1 Land Use ........................................................................ Page 2-5
     2.5.2 Zoning ............................................................................ Page 2-5
     2.5.3 Public Policy ................................................................. Page 2-5

3.0 SOCIOECONOMIC CONDITION ......................................... Page 3-1
   3.1 Introduction .......................................................................... Page 3-1
   3.2 Benefits to Socioeconomic Conditions ................................. Page 3-1

4.0 COMMUNITY FACILITIES .................................................. Page 4-1
   4.1 Introduction .......................................................................... Page 4-1
   4.2 Existing Conditions .............................................................. Page 4-1
     4.2.1 Police Protection ........................................................... Page 4-1
     4.2.2 Fire Protection ............................................................... Page 4-1
     4.2.3 The Hospital for Special Surgery .................................... Page 4-1
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1</td>
<td>Introduction</td>
<td>12-1</td>
</tr>
<tr>
<td>12.2</td>
<td>Existing Conditions</td>
<td>12-1</td>
</tr>
<tr>
<td>12.3</td>
<td>Waterfront Revitalization Program Policies</td>
<td>12-1</td>
</tr>
<tr>
<td>12.4</td>
<td>The Future With the Proposed Project – 2010</td>
<td>12-5</td>
</tr>
<tr>
<td>13.0</td>
<td>INFRASTRUCTURE</td>
<td>13-1</td>
</tr>
<tr>
<td>13.1</td>
<td>Introduction</td>
<td>13-1</td>
</tr>
<tr>
<td>13.2</td>
<td>Existing Conditions</td>
<td>13-1</td>
</tr>
<tr>
<td>13.2.1</td>
<td>Water Supply</td>
<td>13-1</td>
</tr>
<tr>
<td>13.2.2</td>
<td>Sanitary Sewage</td>
<td>13-1</td>
</tr>
<tr>
<td>13.2.3</td>
<td>Stormwater Disposal</td>
<td>13-1</td>
</tr>
<tr>
<td>13.3</td>
<td>The Future Without the Proposed Project-2010</td>
<td>13-2</td>
</tr>
<tr>
<td>13.3.1</td>
<td>Water Supply</td>
<td>13-3</td>
</tr>
<tr>
<td>13.3.2</td>
<td>Sanitary Sewage</td>
<td>13-3</td>
</tr>
<tr>
<td>13.3.3</td>
<td>Stormwater Disposal</td>
<td>13-4</td>
</tr>
<tr>
<td>13.4</td>
<td>The Future With the Proposed Project-2010</td>
<td>13-4</td>
</tr>
<tr>
<td>13.4.1</td>
<td>Water Supply</td>
<td>13-4</td>
</tr>
<tr>
<td>13.4.2</td>
<td>Sanitary Sewage</td>
<td>13-4</td>
</tr>
<tr>
<td>13.4.3</td>
<td>Stormwater Disposal</td>
<td>13-5</td>
</tr>
<tr>
<td>14.0</td>
<td>SOLID WASTE</td>
<td>14-1</td>
</tr>
<tr>
<td>14.1</td>
<td>Introduction</td>
<td>14-1</td>
</tr>
<tr>
<td>14.2</td>
<td>Existing Conditions</td>
<td>14-1</td>
</tr>
<tr>
<td>14.2.1</td>
<td>General Waste</td>
<td>14-1</td>
</tr>
<tr>
<td>14.2.2</td>
<td>Medical Waste</td>
<td>14-1</td>
</tr>
<tr>
<td>14.3</td>
<td>The Future Without the Proposed Project – 2010</td>
<td>14-3</td>
</tr>
<tr>
<td>14.3.1</td>
<td>Medical Waste</td>
<td>14-3</td>
</tr>
<tr>
<td>14.4</td>
<td>The Future With the Proposed Project – 2010</td>
<td>14-3</td>
</tr>
<tr>
<td>14.4.1</td>
<td>Medical Waste</td>
<td>14-3</td>
</tr>
<tr>
<td>15.0</td>
<td>ENERGY</td>
<td>15-1</td>
</tr>
<tr>
<td>15.1</td>
<td>Introduction</td>
<td>15-1</td>
</tr>
<tr>
<td>15.2</td>
<td>Existing Conditions</td>
<td>15-1</td>
</tr>
<tr>
<td>15.2.1</td>
<td>Energy Use</td>
<td>15-1</td>
</tr>
<tr>
<td>16.0</td>
<td>TRAFFIC &amp; PARKING</td>
<td>16-1</td>
</tr>
<tr>
<td>16.1</td>
<td>Introduction</td>
<td>16-1</td>
</tr>
<tr>
<td>16.1.1</td>
<td>Purpose</td>
<td>16-1</td>
</tr>
<tr>
<td>16.1.2</td>
<td>Project Description</td>
<td>16-1</td>
</tr>
<tr>
<td>16.1.3</td>
<td>Project Location</td>
<td>16-1</td>
</tr>
<tr>
<td>16.2</td>
<td>Existing Condition</td>
<td>16-1</td>
</tr>
<tr>
<td>16.2.1</td>
<td>Street and Highway Network</td>
<td>16-1</td>
</tr>
<tr>
<td>16.2.2</td>
<td>Key Intersections Studied</td>
<td>16-2</td>
</tr>
<tr>
<td>16.2.3</td>
<td>Traffic Controls and Roadway Widths</td>
<td>16-2</td>
</tr>
<tr>
<td>16.2.4</td>
<td>Analysis Methodology</td>
<td>16-6</td>
</tr>
<tr>
<td>16.2.5</td>
<td>Existing Condition Analysis Results</td>
<td>16-11</td>
</tr>
<tr>
<td>16.3</td>
<td>Future No-Build Condition</td>
<td>16-20</td>
</tr>
<tr>
<td>16.3.1</td>
<td>Description of No-Build Condition</td>
<td>16-20</td>
</tr>
<tr>
<td>16.3.2</td>
<td>Traffic Volumes</td>
<td>16-21</td>
</tr>
<tr>
<td>16.3.3</td>
<td>No-Build Condition Analysis Results</td>
<td>16-21</td>
</tr>
</tbody>
</table>
24.2.10 Hazardous Materials..................................................Page 24-3
24.2.11 Waterfront Revitalization Program...............................Page 24-3
24.2.12 Infrastructure..........................................................Page 24-3
24.2.13 Solid Waste............................................................Page 24-3
24.2.14 Energy.................................................................Page 24-3
24.2.15 Traffic & Parking....................................................Page 24-3
24.2.16 Transit & Pedestrians................................................Page 24-4
24.2.17 Air Quality............................................................Page 24-4
24.2.17.1 Mobile Source....................................................Page 24-4
24.2.17.2 Stationary Source................................................Page 24-4
24.2.18 Noise.................................................................Page 24-4
24.2.19 Construction Impacts...............................................Page 24-4
24.2.20 Public Health........................................................Page 24-4
24.3 The Smaller/Lower Density Build Alternative....................Page 24-4
24.4 Smaller Floor Plate Alternative......................................Page 24-4
25.0 UNAVOIDABLE SIGNIFICANT ADVERSE IMPACTS............Page 25-1
25.1 Introduction..................................................................Page 25-1
26.0 GROWTH-INDUCING ASPECTS....................................Page 26-1
26.1 Introduction..................................................................Page 26-1
26.2 Evaluation....................................................................Page 26-1
27.0 RESPONSES TO COMMENTS........................................Page 27-1
27.1 List of Individuals who commented on the Draft Environmental Impact Statement

27.2 Comments and Responses..............................................Page 27-2
27.2.1 Project Description....................................................Page 27-2
27.2.2 Land Use, Zoning, & Public Policy...............................Page 27-7
27.2.3 Socioeconomic Conditions.........................................Page 27-8
27.2.4 Community Facilities...............................................Page 27-8
27.2.5 Open Space............................................................Page 27-8
27.2.6 Shadows...............................................................Page 27-15
27.2.7 Historic Resources....................................................Page 27-16
27.2.8 Urban Design and Visual Resources............................Page 27-16
27.2.9 Neighborhood Character..........................................Page 27-19
27.2.10 Natural Resources....................................................Page 27-20
27.2.11 Hazardous Materials................................................Page 27-20
27.2.12 Waterfront Revitalization Program............................Page 27-21
27.2.13 Infrastructure........................................................Page 27-21
27.2.14 Solid Waste............................................................Page 27-21
27.2.15 Energy.................................................................Page 27-21
27.2.16 Traffic and Parking................................................Page 27-21
27.2.17 Transit and Pedestrian.............................................Page 27-27
27.2.18 Air Quality............................................................Page 27-29
27.2.19 Noise.................................................................Page 27-29
27.2.20 Construction Impacts...............................................Page 27-30
27.2.21 Public Health........................................................Page 27-34
27.2.22 Mitigation Measures...............................................Page 27-34
27.2.23 Irretrievable & Irreversible Commitment of Resources ........ Page 27-35
27.2.24 Alternatives to the Proposed Project ……………… Page 27-35
27.2.25 Unavoidable Significant Adverse Impacts Page 27-38
27.2.26 Growth-Inducing Aspects………………………… Page 27-38
27.2.27 Additional Areas of Concern… Page 27-38

LIST OF TABLES

Table ES-1. Proposed Development
Table 1-1 Proposed Development
Table 2-1. Zoning Restrictions in the Area North of the Project Site
Table 5-1. Existing Open Space User Population
Table 5-2. Inventory of Open Space and Recreational Facilities in the Study Area
Table 5-3. Projects Expected to be Completed by 2010
Table 5-4. Adequacy of Open Space Resources
Table 6-1. Sunrise and Sunset Times for Manhattan, NY
Table 9-1. Description of Structures West of the Subject Site in the 1/4 Mile Study Area.
Table 9-2. Description of Structures South of the Subject Site in the 1/4 Mile Study Area.
Table 9-3. Description of Structures North of the Subject Site in the 1/4 Mile Study Area.
Table 17-1. Mass Transit Riders
Table 17-2. Project Generated Pedestrians
Table 19-1. Ambient Noise Survey Results on Sidewalks.
Table 19-2. Ambient Noise Survey Results on Roof-top.
Table 19-3. Average Ability to Perceive Noise Level Changes.
Table 19-4. Community Reaction to Increased Noise Levels.
Table 19-5. Typical Noise Emission Levels for Construction Equipment.
Table 19-6. Noise Exposure Guidelines
Table 19-7. Required Attenuation Values to Achieve Acceptable Interior Noise Levels.
Table 20-1. Typical Noise Emission Levels for Construction Equipment.

LIST OF FIGURES

Figure ES-1. HSS Building Rendering Looking Southwest.
Figure 1-1 Site Plan
Figure 1-2 Foundation Site Diagram
Figure 1-3 River Building, East Elevation
Figure 1-4 River Building, North Elevation
Figure 1-5 River Building West Elevation
Figure 1-6 River Building South Elevation
Figure 1-7 East Wing and River Building East Elevation
Figure 1-8 East Wing North Elevation
Figure 1-9  East Wing South Elevation
Figure 1-10 East Wing West Elevation
Figure 1-11 Site Location Map.
Figure 1-12 Parcels Allocated to HSS
Figure 2-1 Location of Projects Expected to Be Completed by 2010
Figure 2-2 Land Use Map.
Figure 2-3 Zoning Map.
Figure 2-4 Zoning Map of Surrounding Area.
Figure 2-5 Tax Map.
Figure 5-1 Open Space Resources.
Figure 5-2 Access to the East River Esplanade.
Figure 6-1 Photographs of Open Spaces within the Radius Affected by Shadows.
Figure 6-2. Shadow Analysis, March 21, 8:30 AM
Figure 6-3. Shadow Analysis, March 21, 12:30 PM
Figure 6-4. Shadow Analysis, March 21, 12:42 PM
Figure 6-5. Shadow Analysis, March 21, 2:55 PM
Figure 6-6. Shadow Analysis, March 21, 3:14 PM
Figure 6-7. Shadow Analysis, March 21, 4:30 PM
Figure 6-8. Worst Case Shadow Analysis, March 21, 2:35 PM
Figure 6-9. Shadow Analysis, May 6, 8:00 AM
Figure 6-10. Shadow Analysis, May 6, 12:00 PM
Figure 6-11. Shadow Analysis, May 6, 2:55 PM
Figure 6-12. Shadow Analysis, May 6, 4:30 PM
Figure 6-13. Shadow Analysis, June 21, 8:00 AM
Figure 6-14. Shadow Analysis, June 21, 12:00 PM
Figure 6-15. Shadow Analysis, June 21, 2:15 PM
Figure 6-16. Shadow Analysis, June 21, 6:30 PM
Figure 6-17. Shadow Analysis, December 21, 10:30 AM
Figure 6-18. Shadow Analysis, December 21, 12:00 PM
Figure 6-19. Shadow Analysis, December 21, 3:22 PM
Figure 7-1. Location of Historic Resources.
Figure 8-1. Photos of Visual Resources.
Figure 8-2. Building rendering looking southwest. Aerial View.
Figure 8-3. Building rendering looking southwest. River View.
Figure 8-4. Rendering, West Elevation.
Figure 8-5. Existing Site Massing.
Figure 8-6. Proposed Site Massing.
Figure 8-7. View of the South for the East 72nd Street Overlook Park to the South.
Figure 9-1. Photographs of the Project Site and Surrounding Area.
Figure 12-1. Waterfront Revitalization Program - Coastal Zone Boundary
Figure 12-2. FEMA Flood Insurance Map.
Figure 12-3. View looking south from under the public pedestrian ramp.
Figure 12-4. View Looking north along the FDR Drive from the eastern end of the public pedestrian bridge.
Figure 12-5. View looking south from the East River Overlook at East 72nd Street.
Figure 12-6. Rendering of proposed pedestrian view looking east from East 71st Street.