

APPENDIX G¹

Noise E-Designations

¹ Prior to publication of the FEIS, DCP learned that certain development sites within the rezoning area are being developed for hotel use (see footnote on page 1-15). Therefore, these sites have been removed from the list of sites receiving E-designations.

NOISE

As described in Chapter 18, “Noise,” a number of projected and potential development sites require noise attenuation in order to avoid impacts from ambient noise. In order to avoid these impacts, an ~~(E)~~-designation would be mapped on these sites as part of the proposed zoning.

All of the projected and potential development sites included in the ~~Proposed Actions~~-proposed actions are within the Long Island City Special Mixed Use District. The zoning text for this district specifies that all residential uses will include at least 35 dBA of window/wall attenuation. In light of this fact, ~~(E)~~-designations are only necessary for locations that will need more attenuation than is specified in the zoning text, i.e., 40 ~~or 45~~ dBA. The text for the ~~(E)~~-designation for sites requiring 40 dBA attenuation is as follows:

“In order to ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed window condition with a minimum of 40 dBA window/wall attenuation in order to maintain an interior noise level of 45 dBA. To achieve 40 dBA of building attenuation, special design features that go beyond the normal double-glazed windows are necessary and may include using specially designed windows (i.e., windows with small sizes, windows with air gaps, windows with thicker glazing, etc.), and additional building attenuation. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, central air conditioning. The required degree of window/wall attenuation would require added project costs and could limit the range of design options. The Department of Environmental Protection has not made any determination that cost-effective attenuation measures are available for this site. Commercial uses must provide a closed window condition with a minimum of 35 dBA window/wall attenuation in order to maintain an interior noise level of 50 dBA.”

~~The text for the (E) designation for sites requiring 40 dBA is as follows:~~

~~*“In order to ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed window condition with a minimum of 45 dBA window/wall attenuation in order to maintain an interior noise level of 45 dBA. To achieve 45 dBA of building attenuation, special design features that go beyond the normal double-glazed windows are necessary and may include using specially designed windows (i.e., windows with small sizes, windows with air gaps, windows with thicker glazing, etc.), and additional building attenuation. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, central air conditioning.”*~~

With the attenuation measures specified above, the proposed rezoning would not result in any significant adverse noise impacts, and would meet CEQR guidelines.

The ~~(E)~~-designations for these sites affected by ambient noise are presented in Tables G-1 and G-2.

**Table G-1
Minimum Required Window/Wall Attenuation for Projected Development Sites**

Site	Block	Lot	Proposed Zoning	Governing Noise Site	Minimum Required Building Attenuation
3	402	1	M1-3/R7X	10	40
		42	M1-3/R7X		
		32	M1-3/R7X		
		35	M1-3/R7X		
4	400	5	M1-3/R7X	9/10	4045
18	600	111	M1-2/R6A	9	4045
		8	M1-2/R6A		

**Table G-2
Minimum Required Window/Wall Attenuation for Potential Development Sites**

Site	Block	Lot	Proposed Zoning	Governing Noise Site	Minimum Required Building Attenuation
43	372	35	M1-2/R6A	9	4045
		33	M1-2/R6A		
58	373	1	M1-2/R6A	9	4045
59	373	6	M1-2/R6A	9	4045
61	599	41	M1-2/R6A	9	4045
		40	M1-2/R6A		
65	600	5	M1-2/R6A	9	4045
		6	M1-2/R6A		
		7	M1-2/R6A		
66	600	20	M1-2/R6A	9	4045
		19	M1-2/R6A		
67	600	16	M1-2/R6A	9	4045
68	600	14	M1-2/R6A	9	4045
82	383	19	M1-2/R6A	9	4045
		20	M1-2/R6A		
83	383	16	M1-2/R6A	9	4045
		17	M1-2/R6A		

Table G-2

Minimum Required Window/Wall Attenuation for Potential Development Sites

Site	Block	Lot	Proposed Zoning	Governing Noise Site	Minimum Required Building Attenuation
84	382	11	M1-2/R6A	9	<u>4045</u>
		8	M1-2/R6A		
85	382	14	M1-2/R6A	9	<u>4045</u>
		15	M1-2/R6A		
		13	M1-2/R6A		
119	383	24	M1-2/R6A	9	<u>4045</u>
		26	M1-2/R6A		
147	600	22	M1-2/R6A	9	<u>4045</u>
		23	M1-2/R6A		
148	600	24	M1-2/R6A	9	<u>4045</u>
		25	M1-2/R6A		
171	600	12	M1-2/R6A	9	<u>4045</u>
173	383	14	M1-2/R6A	9	<u>4045</u>
189	383	22	M1-2/R6A	9	<u>4045</u>
205	372	23	M1-2/R6A	9	<u>4045</u>
		21	M1-2/R6A		
		22	M1-2/R6A		
232	599	48	M1-2/R6A	9	<u>4045</u>
		46	M1-2/R6A		