

APPENDIX L:
Noise
(E) Designations

APPENDIX L: NOISE (E) DESIGNATIONS

As described in Chapter 3.18, "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 shown in the Table L below as part of the proposed zoning.

The text of the noise (E) designation for those sites requiring noise attenuation of 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 40 dBA window-wall attenuation on all façades 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 design 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 City 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 of the noise (E) designation for those sites requiring noise attenuation of 35 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 35 dB(A) window-wall attenuation in all façades in order to maintain an interior noise level of 45 dB(A). 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 or air conditioning sleeves containing air conditioners or HUD-approved fans.

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

Sites Requiring (E) Designation with 40 dBA Noise Attenuation

<i>Projected Development Sites</i>		
Development Site	Block	Lot(s)
1	2349	112
2	2349	100
3	2323	28
4	2349	15
6	2351	1, 12, 20
	2350	1
8	2349	90
<i>Potential Development Sites</i>		
32	2349	38
33	2349	3
34	2323	43
35	2349	47, 46
36	2323	13
40	2351	3

Sites Requiring (E) Designation with 35 dBA Noise Attenuation

<i>Projected Development Sites</i>		
Development Site	Block	Lot (s)
13	2345	5
14	2341	40, 37
15	2341	28
16	2341	10
<i>Potential Development Sites</i>		
42	2345	14, 18, 22, 26
43	2345	1, 49
45	2344	52
46	2344	11, 17, 27
47	2344	1
48	2341	42
49	2341	34
50	2341	31
51	2341	23
52	2341	6