AKRF

Environmental and Planning Consultants

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

Memorandum

To:	Saint Vincent Campus Redevelopment Files, CEQR Number 10DCP003M
From:	Philip C. Sears, Stephen S. Rosen, Weixiong Wu
Date:	December 17, 2012—**Revised** February 1, 2013
Re:	Different Cranes and Locations
cc:	John Menz, Paul Mandel Rudin Management; Walter Murray, Terry Carbaugh, Rick Faustini, Turner Construction Company; Melanie Meyers, Fried, Frank, Harris, Shriver & Jacobson; Anne Locke, Charlie Fields, AKRF

Turner Construction Company, the construction manager for the Saint Vincents Campus Redevelopment Project, had intended to use two electric cranes to lift materials from delivery trucks onto the buildings. The precast exterior elements need to be fastened in 2 locations to safely lift the element from the trucks to the buildings. However, the electric crane has only 1 drum and is able to attach at 1 location. Therefore 2 cranes would be necessary to lift the precast exterior elements. A ground level diesel crane would be used to tip each panel up, and an electric tower crane would be used to do the main lift. This is considered to be a safety hazard by the construction managers. Managing 2 separate cranes to lift a piece of material is extremely hard to do properly. Therefore, the construction managers propose to use diesel cranes with dual drums in lieu of the electric cranes. In addition, the construction managers are proposing several minor modifications to the locations of construction equipment. In addition, the potential impacts from ground level diesel cranes have not been analyzed. The four scenarios that the construction managers have proposed are described in this technical memorandum, and the potential for resulting in new significant adverse impacts are analyzed and presented.

DESCRIPTION OF SCENARIOS

SCENARIO A

The proposed location of the equipment is shown on the attached figure, Scenario A. No changes in the location of equipment would occur on West 12th Street. On Seventh Avenue, the northern hoist would remain in its original position. The hoist located in the center of the block face would be shifted north to be adjacent to the north hoist, forming a quad hoist. On West 11th Street, the western crane would be shifted from within the courtyard to the notch on the eastern end of the Tower Building and behind the construction fence fronting West 11th Street. The hoist in courtyard on the rear of the Spellman Building would be moved to the West 11th Street side of the building and behind the construction fence.

SCENARIO B

The proposed location of the equipment is shown on the attached figure, Scenario B. No changes in the location of equipment would occur on West 12th Street. On Seventh Avenue, the hoist in the center of the block face would be shifted to the notch on the eastern end of the Tower Building and behind the construction fence fronting West 11th Street. The western crane would remain in the courtyard. The hoist on the rear of the Spellman Building would shift to the northeast side of the building.

SCENARIO B (ALTERNATE)

Scenario B (Alternate) would be the same as Scenario B except for not shifting the hoist in the center of the block face to the notch on the eastern end of the Tower Building. This scenario is shown on the attached figure, Scenario B (Alternate).

SCENARIO C

The proposed location of the equipment is shown on the attached figure, Scenario B. In this scenario, the cranes in the courtyard would be removed when the structure is completed, and mobile cranes would be used for installation of the precast exterior elements. On West 12th, a lane would have to be closed for about 3 months to allow for the use of the mobile cranes. The lane closure would have to be approved by New York City Department of Transportation. On Seventh Avenue, the hoist in the center of the block face would be shifted to the notch on the eastern end of the Tower Building and behind the construction fence fronting West 11th Street. The hoist on the rear of the Spellman Building would shift to the northeast side of the building. Two mobile cranes would operate behind the construction fence on West 11th Street for about 4 to 5 months.

EQUIPMENT AND LABOR

The equipment that would be used in all scenarios is equivalent to the equipment assumed in the original analyses for the Final Environmental Impact Statement (FEIS). The cranes are about the same size, and the motors would be located between 175 and 195 feet above street grade. The mobile cranes and hoist are similar to those used in the FEIS analyses.

A shift in the timing of the use of cranes is now contemplated. For Scenario A and the 2 B scenarios, the cranes would be in use starting at month 24 and running through month 36. For Scenario C, the cranes would be on-site in month 24 and be removed in month 30. These timings were used in the analyses for technical memorandum.

The number of workers would remain the same in all scenarios, and is equivalent to the number of workers in the FEIS analysis.

POTENTIAL IMPACTS OF THE SCENARIOS

TRAFFIC

The number of workers would remain the same as in the FEIS and in the May 2012 Technical Memorandum, and the potential impacts would remain the same, including the new pedestrian analysis in the May 2012 Technical Memorandum.

AIR QUALITY

The air quality analysis in the FEIS was conservatively based on the use of diesel powered cranes as is now proposed. The analysis for the FEIS found that the construction with the use of diesel powered cranes would not have a significant adverse air quality impact. The finding of no significant adverse air quality impacts would be the same with all of the scenarios, and the air quality measures in the FEIS would be in force with all of the scenarios.

NOISE

The potential for noise impacts was analyzed using the same methodology, receptors, and model that was used in the FEIS and the May 2012 Technical Memorandum. The results for all scenarios are contained in Appendix I.

Similar to the Proposed Project, significant adverse noise impacts are predicted to occur during weekday construction hours at the following receptors:

- Receptors J, I, I1, I2, I3, I9, and I9a on West 12th Street between Sixth and Seventh Avenues;
- Receptors X, X2, and X11 on West 11th Strret between Sixth and Seventh Avenues; and
- Receptors K and K1 on West 12th Street between Seventh and Greenwich Avenues.

For Receptors K1 and I9a, although not specifically found in the "Construction Noise Analysis Results" provided in Appendix I, significant adverse noise impacts would be expected to occur at these receptors based upon the following professional assumptions:

- Receptor K1 - Equipment changes would not be expected to significantly change noise levels at this location since the equipment locations are away and shielded from Receptor K1; and
- Receptor I9a - Equipment changes would not be expected to significantly change noise levels at this location since quite quantity pieces of equipment would operate in the court yard. In the Memo (May 24, 2012), the predicted $L_{eq(1)}$ values were up to 81.6 dBA, the predicted $_{L10(1)}$ values were up to 84.1 dBA, and the maximum increase in noise levels was 24.5 dBA. With the equipment changes, the predicted noise levels would be expected to generate the similar high values at this location.

There would not be any new significant adverse construction noise impacts with any of the scenarios analyzed.

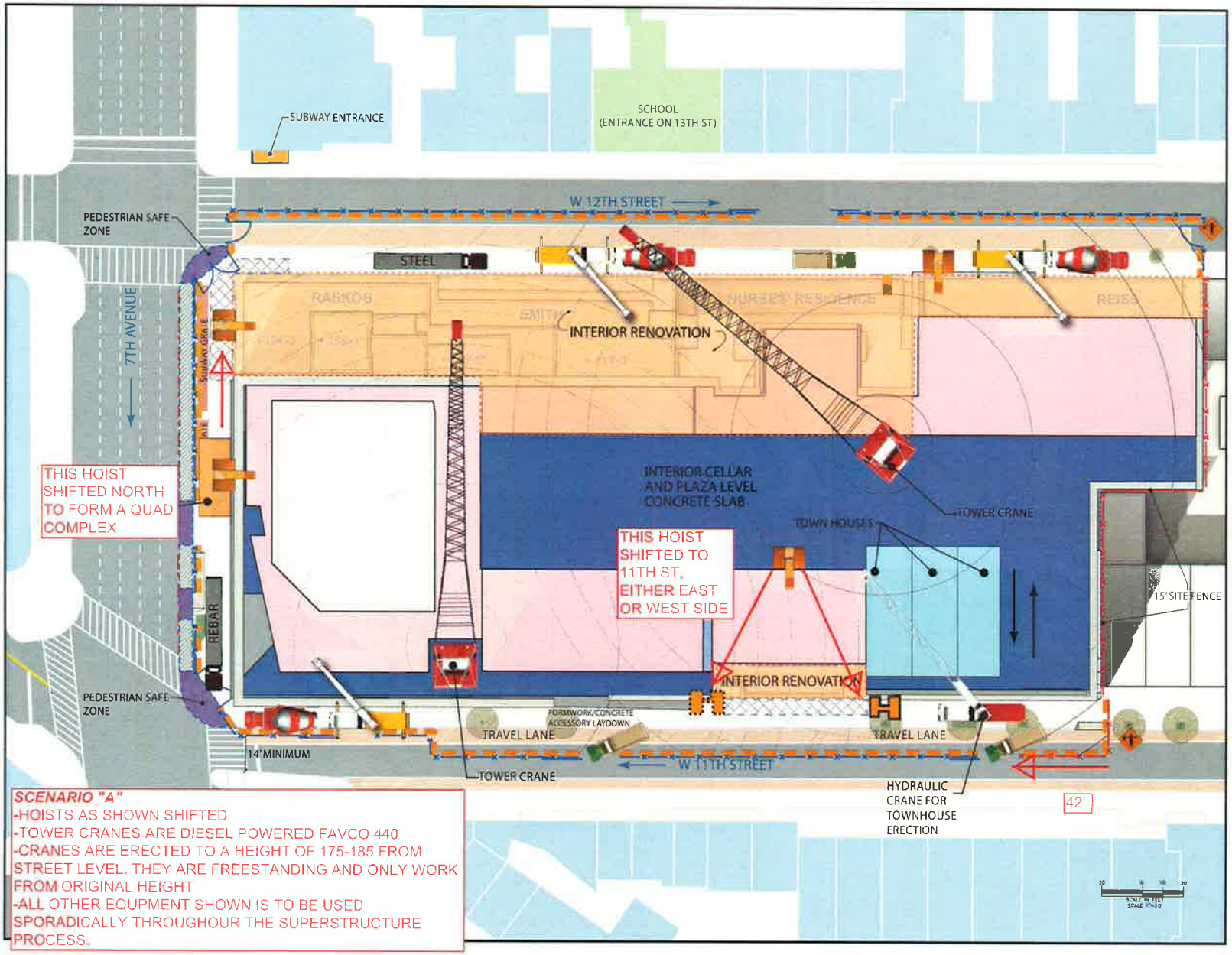
CONCLUSIONS

For all of the proposed scenarios, no significant adverse impacts on traffic or air quality are expected. In all scenarios the same or similar significant adverse impacts are predicted as disclosed in the FEIS and the May 2012 Technical Memorandum.

Philip C. Sears

Philip C. Sears

Figures



Turner

Rudin West Village

Seventh Ave & 11th Street

MANHATTAN, NEW YORK

August 15, 2012

Notes:

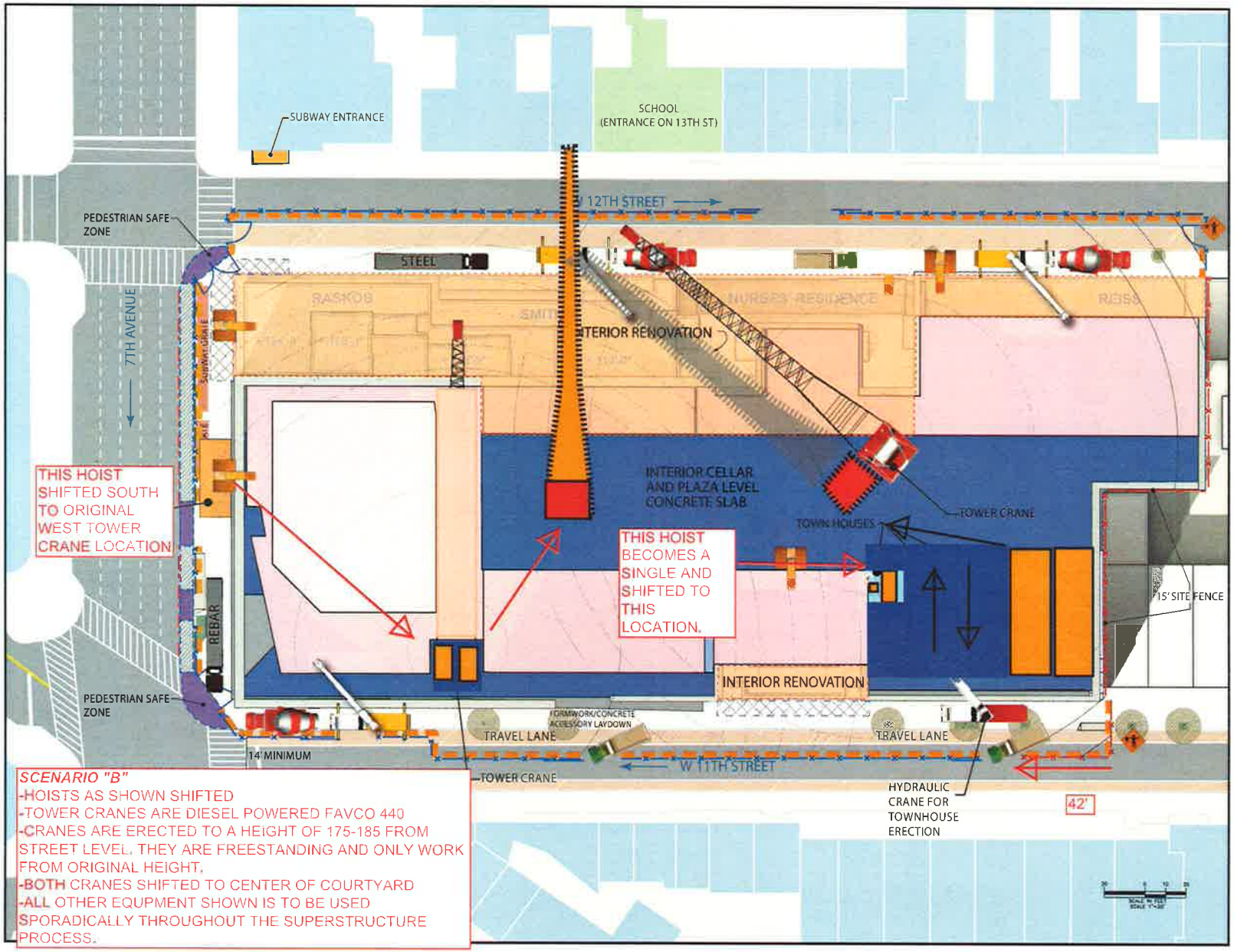
DOT Approved Conditions:

- No Parking As Shown
- Full sidewalk closure from current day through Super Structure Phase

Legend:

- Flagman/Sign: Sidewalk Closed. Use Other Side
- Full Height Facade Scaffold
- 8' High Sidewalk Bridging
- 16' High Bridge
- No Parking in Parking Lane
- Interior Renovation
- New Podium Construction
- Facade Work
- Jersey barrier with 8' fencing (11' High)
- 15' Site Fencing
- Plastic Barriers
- Tree

SITE LOGISTIC PLAN SUPERSTRUCTURE PHASE



SCENARIO "B"
-HOISTS AS SHOWN SHIFTED
-TOWER CRANES ARE DIESEL POWERED FAVCO 440
-CRANES ARE ERECTED TO A HEIGHT OF 175-185 FROM STREET LEVEL. THEY ARE FREESTANDING AND ONLY WORK FROM ORIGINAL HEIGHT.
-BOTH CRANES SHIFTED TO CENTER OF COURTYARD
-ALL OTHER EQUPMENT SHOWN IS TO BE USED SPORADICALLY THROUGHOUT THE SUPERSTRUCTURE PROCESS.

Turner

Rudin West Village

Seventh Ave & 11th Street

MANHATTAN, NEW YORK

August 15, 2012

Notes:

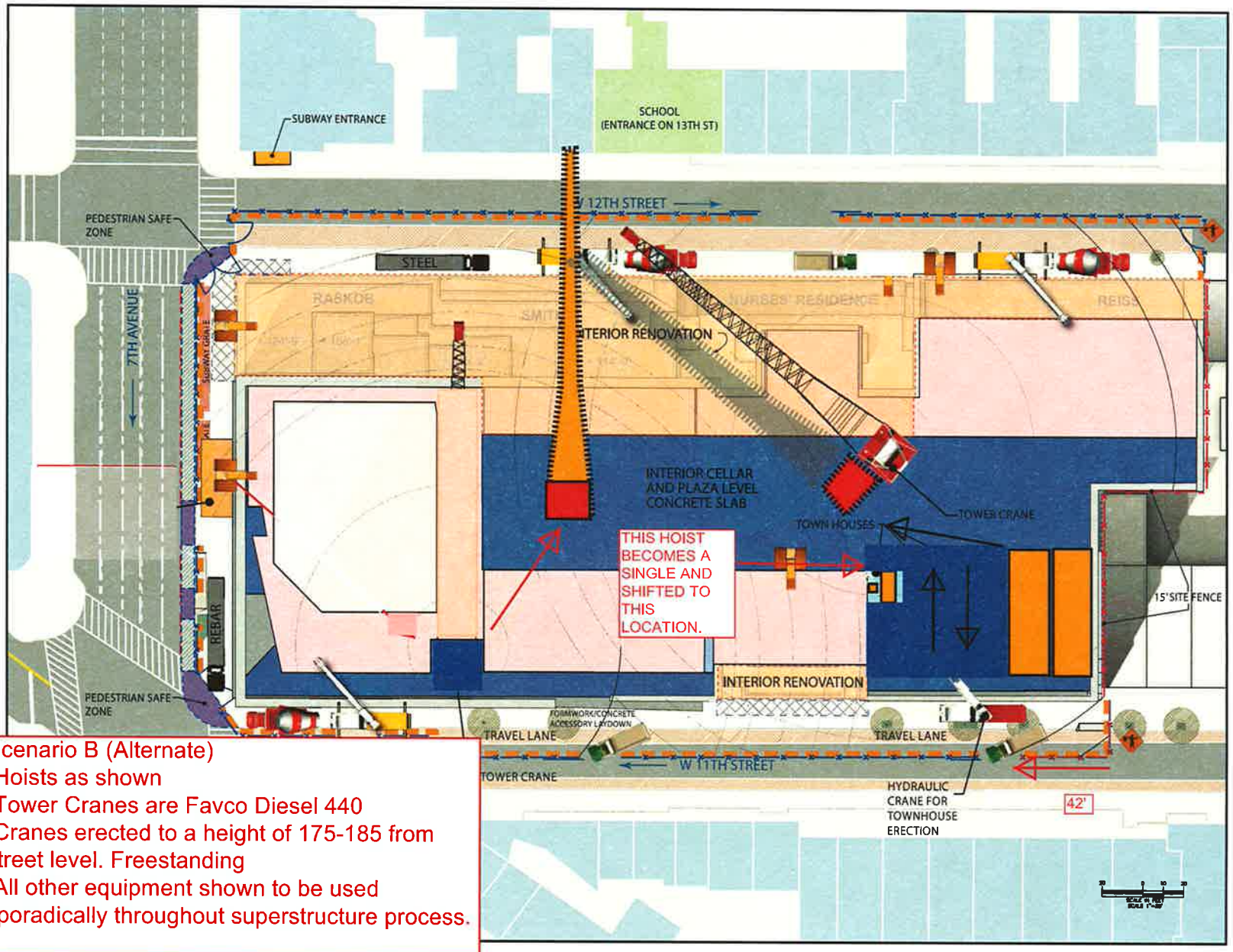
DOT Approved Conditions:

- No Parking As Shown
- Full sidewalk closure from current day through Super Structure Phase

Legend:

- Flagman/Sign: Sidewalk Closed. Use Other Side
- Full Height Facade Scaffold
- 8' High Sidewalk Bridging
- 16' High Bridge
- No Parking in Parking Lane
- Interior Renovation
- New Podium Construction
- Facade Work
- Jersey barrier with 8' fencing (11' High)
- 15' Site Fencing
- Plastic Barriers
- Tree

SITE LOGISTIC PLAN SUPERSTRUCTURE PHASE



Scenario B (Alternate)
-Hoists as shown
-Tower Cranes are Favco Diesel 440
-Cranes erected to a height of 175-185 from street level. Freestanding
-All other equipment shown to be used sporadically throughout superstructure process.

Turner

Rudin West Village

Seventh Ave & 11th Street

MANHATTAN, NEW YORK

August 15, 2012

Notes:

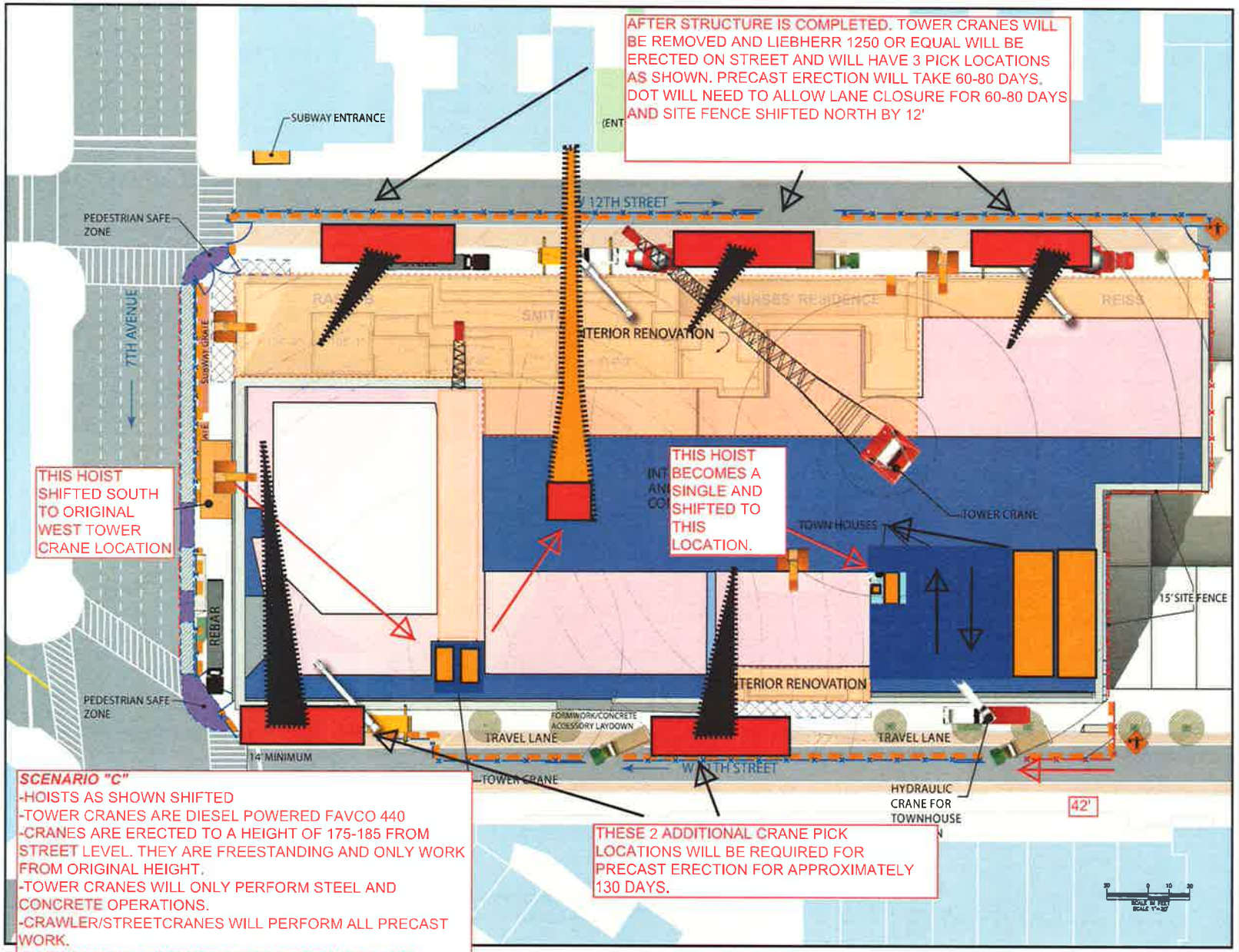
DOT Approved Conditions:

- No Parking As Shown
- Full sidewalk closure from current day through Super Structure Phase

Legend:

- Flagman/Sign: Sidewalk Closed, Use Other Side
- Full Height Facade Scaffold
- 8' High Sidewalk Bridging
- 16' High Bridge
- No Parking in Parking Lane
- Interior Renovation
- New Podium Construction
- Facade Work
- Jersey barrier with 8' fencing (11' High)
- 15' Site Fencing
- Plastic Barriers
- Tree

SITE LOGISTIC PLAN SUPERSTRUCTURE PHASE



Turner

Rudin West Village

Seventh Ave & 11th Street

MANHATTAN, NEW YORK

August 15, 2012

Notes:

DOT Approved Conditions:

- No Parking As Shown
- Full sidewalk closure from current day through Super Structure Phase

Legend:

- Flagman/Sign: Sidewalk Closed. Use Other Side
- Full Height Facade Scaffold
- 8' High Sidewalk Bridging
- 16' High Bridge
- No Parking in Parking Lane
- Interior Renovation
- New Podium Construction
- Facade Work
- Jersey barrier with 8' fencing (11' High)
- 15' Site Fencing
- Plastic Barriers
- Tree

SITE LOGISTIC PLAN SUPERSTRUCTURE PHASE

Appendix I
Construction Noise Analysis Results

Construction Noise Results (Weekdays)

SCENARIO A

Exceed 3dBA or more
Exceed Leq 65 dBA
Impact Location

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
A	at-grade	71.3	71.5	0.1	74.5	71.3	71.8	0.4	74.8	71.4	71.5	0.1	74.5	71.4	71.5	0.1	74.5	71.4	71.7	0.3	74.7	71.4	71.7	0.3	74.7
A	3	71.0	71.2	0.2	74.2	71.0	71.7	0.7	74.7	71.0	71.3	0.3	74.3	71.0	71.3	0.3	74.3	71.0	71.8	0.8	74.8	71.0	71.6	0.6	74.6
A	5	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.0	0.4	73.0	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.5	0.9	73.5
A	10	67.8	68.2	0.5	71.2	67.8	69.0	1.3	72.0	67.6	68.2	0.6	71.2	67.6	68.0	0.5	71.0	67.6	69.3	1.6	72.3	67.6	69.0	1.4	72.0
A	top floor	66.1	67.1	1.0	70.1	66.1	67.8	1.6	70.8	65.9	66.7	0.8	69.7	65.9	66.6	0.7	69.6	65.9	68.2	2.3	71.2	65.9	67.8	1.9	70.8
B	at-grade	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.1	0.1	73.1	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0
B	3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.2	0.1	73.2	70.1	70.2	0.1	73.2
B	5	68.8	69.0	0.2	72.0	68.8	69.1	0.3	72.1	68.8	69.1	0.3	72.1	68.8	69.0	0.2	72.0	68.8	69.0	0.2	72.0	68.8	68.9	0.1	71.9
B	10	66.4	66.9	0.4	69.9	66.4	66.8	0.4	69.8	66.4	67.2	0.8	70.2	66.4	66.8	0.4	69.8	66.4	66.6	0.2	69.6	66.4	66.6	0.2	69.6
B	top floor	64.6	65.7	1.0	68.7	64.6	65.2	0.6	68.2	64.6	66.4	1.8	69.4	64.6	65.6	1.0	68.6	64.6	64.9	0.3	67.9	64.6	64.8	0.2	67.8
C	at-grade	73.1	73.2	0.0	76.2	73.1	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2
C	3	73.5	73.6	0.0	76.6	73.5	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.7	0.1	76.7	73.6	73.6	0.0	76.6
C	5	72.6	72.7	0.0	75.7	72.6	72.7	0.1	75.7	72.7	72.7	0.0	75.7	72.7	72.7	0.0	75.7	72.7	72.8	0.1	75.8	72.7	72.8	0.1	75.8
C	10	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.4	0.2	73.4	70.2	70.3	0.1	73.3
C	15	68.7	68.8	0.1	71.8	68.7	68.8	0.1	71.8	68.7	68.7	0.1	71.7	68.7	68.7	0.1	71.7	68.7	68.9	0.2	71.9	68.7	68.8	0.1	71.8
C	top floor	67.7	67.8	0.1	70.8	67.7	67.8	0.1	70.8	67.7	67.8	0.2	70.8	67.7	67.8	0.1	70.8	67.7	68.2	0.5	71.2	67.7	67.9	0.2	70.9
D	at-grade	74.3	74.5	0.2	77.5	74.3	74.5	0.1	77.5	74.4	74.9	0.4	77.9	74.4	75.3	0.9	78.3	74.4	75.7	1.3	78.7	74.4	75.0	0.7	78.0
D	3	74.5	74.9	0.4	77.9	74.5	74.8	0.3	77.8	74.7	76.0	1.3	79.0	74.7	76.4	1.7	79.4	74.5	77.0	2.5	80.0	74.5	75.8	1.3	78.8
D	top floor	73.5	74.4	0.9	77.4	73.5	73.9	0.3	76.9	73.8	76.1	2.3	79.1	73.8	76.8	3.0	79.8	73.5	77.8	4.3	80.8	73.5	75.8	2.3	78.8
E	at-grade	73.1	73.2	0.1	76.2	73.1	73.2	0.1	76.2	72.1	72.3	0.2	75.3	72.1	72.5	0.4	75.5	71.9	72.3	0.5	75.3	71.9	72.0	0.1	75.0
E	3	73.9	74.0	0.1	77.0	73.9	74.0	0.1	77.0	72.6	73.1	0.4	76.1	72.6	73.3	0.6	76.3	72.2	72.9	0.7	75.9	72.2	72.4	0.2	75.4
E	top floor	73.1	73.3	0.2	76.3	73.1	73.2	0.1	76.2	72.0	72.7	0.7	75.7	72.0	72.8	0.9	75.8	71.4	72.4	1.0	75.4	71.4	71.7	0.3	74.7
F	at-grade	71.3	71.3	0.0	74.3	71.3	71.3	0.0	74.3	71.3	71.4	0.1	74.4	71.3	71.5	0.2	74.5	71.3	71.5	0.2	74.5	71.3	71.3	0.1	74.3
F	3	71.5	71.6	0.1	74.6	71.5	71.6	0.1	74.6	71.5	71.6	0.2	74.6	71.5	71.8	0.3	74.8	71.4	71.6	0.3	74.6	71.4	71.5	0.1	74.5
F	5	70.4	70.6	0.1	73.6	70.4	70.5	0.1	73.5	70.5	70.8	0.2	73.8	70.5	71.0	0.5	74.0	70.3	70.7	0.4	73.7	70.3	70.4	0.1	73.4
F	top floor	69.5	69.7	0.2	72.7	69.5	69.6	0.1	72.6	69.6	70.0	0.4	73.0	69.6	70.2	0.6	73.2	69.4	69.9	0.5	72.9	69.4	69.5	0.1	72.5
G	at-grade	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1
G	3	73.0	73.0	0.0	76.0	73.0	73.0	0.0	76.0	72.9	72.9	0.0	75.9	72.9	72.9	0.0	75.9	72.9	73.0	0.1	76.0	72.9	72.9	0.0	75.9
G	top floor	71.7	71.8	0.0	74.8	71.7	71.8	0.0	74.8	71.6	71.6	0.0	74.6	71.6	71.7	0.1	74.7	71.6	71.7	0.1	74.7	71.6	71.6	0.0	74.6
H	at-grade	65.0	65.9	0.8	68.4	65.0	65.8	0.8	68.3	65.1	66.2	1.2	68.7	65.1	66.4	1.3	68.9	65.1	66.7	1.6	69.2	65.1	66.4	1.3	68.9
H	3	63.9	65.2	1.3	67.7	63.9	65.1	1.2	67.6	64.0	66.3	2.3	68.8	64.0	66.0	2.0	68.5	64.0	66.5	2.4	69.0	64.0	65.9	1.9	68.4
H	5	62.6	64.6	2.0	67.1	62.6	64.4	1.8	66.9	62.7	65.1	2.5	67.6	62.7	66.1	3.4	68.6	62.7	67.0	4.2	69.5	62.7	65.9	3.2	68.4
H	10	60.2	63.2	2.9	65.7	60.2	62.9	2.7	65.4	60.3	64.5	4.3	67.0	60.3	65.0	4.7	67.5	60.3	66.0	5.7	68.5	60.3	64.8	4.5	67.3
H	15	60.5	63.3	2.8	65.8	60.5	63.2	2.7	65.7	60.5	64.7	4.2	67.2	60.5	65.2	4.7	67.7	60.5	66.2	5.7	68.7	60.5	64.6	4.1	67.1
H	top floor	60.5	63.2	2.8	65.7	60.5	63.1	2.6	65.6	60.5	64.6	4.1	67.1	60.5	65.7	5.2	68.2	60.2	66.4	6.2	68.9	60.2	64.1	3.9	66.6
I	at-grade	64.6	68.8	4.2	71.3	64.6	69.8	5.2	72.3	64.6	71.9	7.3	74.4	64.6	70.9	6.3	73.4	64.6	71.6	7.0	74.1	64.6	69.5	4.9	72.0
I	3	62.6	72.7	10.0	75.2	62.6	72.9	10.3	75.4	62.6	77.7	15.1	80.2	62.6	77.6	15.0	80.1	62.6	78.4	15.8	80.9	62.6	74.8	12.2	77.3
I	top floor	60.8	73.3	12.4	75.8	60.8	72.7	11.9	75.2	60.8	78.1	17.3	80.6	60.8	77.0	16.2	79.5	60.8	77.9	17.1	80.4	60.8	74.5	13.7	77.0
J	at-grade	67.7	71.4	3.7	73.9	67.7	71.2	3.5	73.7	67.8	70.1	2.3	72.6	67.8	69.5	1.7	72.0	67.8	69.9	2.1	72.4	67.8	69.7	1.9	72.2
J	3	67.2	75.2	8.1	77.7	67.2	75.2	8.1	77.7	67.2	71.6	4.4	74.1	67.2	71.4	4.3	73.9	67.2	72.0	4.8	74.5	67.2	72.0	4.8	74.5
J	5	65.8	74.2	8.4	76.7	65.8	74.4	8.6	76.9	65.8	72.1	6.4	74.6	65.8	71.2	5.5	73.7	65.8	71.5	5.7	74.0	65.8	71.4	5.6	73.9
J	10	63.7	72.2	8.6	74.7	63.7	72.6	8.9	75.1	63.5	71.5	8.0	74.0	63.5	70.6	7.1	73.1	63.5	70.8	7.3	73.3	63.5	70.2	6.7	72.7
J	top floor	62.7	70.7	7.9	73.2	62.7	70.9	8.2	73.4	61.8	70.7	8.9	73.2	61.8	71.4	9.6	73.9	61.6	71.9	10.3	74.4	61.6	69.1	7.5	71.6
K	at-grade	66.6	68.8	2.2	71.1	66.6	68.8	2.2	71.1	66.7	69.6	2.9	71.9	66.7	69.3	2.7	71.6	66.7	70.0	3.3	72.3	66.7	69.8	3.1	72.1
K	3	67.5	71.5	3.9	73.8	67.5	72.1	4.5	74.4	67.7	72.9	5.3	75.2	67.7	72.4	4.8	74.7	67.6	72.3	4.7	74.6	67.6	72.1	4.4	74.4
K	top floor	67.1	72.3	5.2	74.6	67.1	72.3	5.2	74.6	67.5	73.7	6.2	76.0	67.5	73.2	5.7	75.5	67.4	72.5	5.1	74.8	67.4	72.1	4.8	74.4
L	at-grade	64.8	65.3	0.4	68.4	64.8	65.3	0.5	68.4	64.9	65.5	0.6	68.6	64.9	65.7	0.8	68.8	64.9	66.4	1.5	69.5	64.9	66.1	1.2	69.2
L	3	64.4	64.9	0.5	68.0	64.4	64.8	0.5	67.9	64.5	65.3	0.8	68.4	64.5	65.7	1.1	68.8	64.5	66.9	2.5	70.0	64.5	66.5	2.1	69.6
L	top floor	63.0	63.8	0.8	66.9	63.0	63.8	0.9	66.9	63.1	64.3	1.3	67.4	63.1	64.8	1.7	67.9	63.1	66.5	3.4	69.6	63.1	65.9	2.8	69.0
M	at-grade	62.7	63.2	0.5	66.3	62.7	63.2	0.5	66.3	62.8	63.3	0.5	66.4	62.8	63.5	0.7	66.6	62.8	63.9	1.1	67.0	62.8	63.7	0.9	66.8
M	3	62.0	62.5	0.5	65.6	62.0	62.5	0.5	65.6	62.1	62.7	0.6	65.8	62.1	63.1	1.0	66.2	62.1	63.9	1.8	67.0	62.1	63.4	1.3	66.5
M	5	60.3	60.9	0.6	64.0	60.3	60.9	0.6	64.0	60.4	61.4	1.0	64.5	60.4	62.0	1.6	65.1	60.4	63.2	2.8	66.3	60.4	62.5	2.0	65.6
M	10	57.0	58.9	1.9	62.0	57.0	58.5	1.5	61.6	57.5	60.1	2.6	63.2	57.5	61.2	3.7	64.3	57.7	62.6	4.9	65.7	57.7	61.4	3.7	64.5
M	15	55.4	58.2	2.8	61.3	55.4	57.4	1.9	60.5	57.2	61.2	4.0	64.3	57.2	61.6	4.4	64.7	56.6	62.8	6.2	65.9	56.6	61.3	4.7	64.4
M	top floor	56.4	59.2	2.8	62.3	56.4	58.3	1.9	61.4	57.8	61.7	3.9	64.8	57.8	62.0	4.2	65.1	57.3	63.6	6.4	66.7	57.3	61.9	4.6	65.0

Construction Noise Results (Weekdays)

SCENARIO A

Exceed 3dBA or more
Exceed Leq 65 dBA
Impact Location

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
N	at-grade	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0	67.7	68.0	0.3	71.1	67.7	68.0	0.2	71.1	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0
N	3	67.1	67.4	0.3	70.5	67.1	67.4	0.3	70.5	67.2	67.6	0.4	70.7	67.2	67.5	0.3	70.6	67.2	67.4	0.3	70.5	67.2	67.4	0.2	70.5
N	top floor	65.8	66.1	0.3	69.2	65.8	66.1	0.3	69.2	66.0	66.5	0.5	69.6	66.0	66.4	0.5	69.5	65.9	66.3	0.4	69.4	65.9	66.1	0.2	69.2
O	at-grade	63.9	64.8	0.9	67.2	63.9	64.2	0.3	66.6	63.9	65.2	1.3	67.6	63.9	65.0	1.1	67.4	63.9	64.1	0.2	66.5	63.9	64.1	0.2	66.5
O	3	63.0	64.5	1.5	66.9	63.0	63.4	0.4	65.8	63.0	65.4	2.4	67.8	63.0	64.9	1.9	67.3	63.0	63.3	0.3	65.7	63.0	63.2	0.2	65.6
O	top floor	61.8	65.2	3.4	67.6	61.8	62.3	0.5	64.7	61.8	66.6	4.8	69.0	61.8	65.7	3.9	68.1	61.8	62.1	0.3	64.5	61.8	62.0	0.2	64.4
P	at-grade	67.4	68.0	0.6	70.4	67.4	67.6	0.2	70.0	67.4	68.6	1.2	71.0	67.4	68.1	0.7	70.5	67.4	67.5	0.1	69.9	67.4	67.5	0.1	69.9
P	10	55.8	58.1	2.3	60.5	55.8	57.2	1.3	59.6	56.0	58.2	2.2	60.6	56.0	58.8	2.8	61.2	55.1	58.9	3.8	61.3	55.1	56.6	1.6	59.0
P	15	62.9	64.4	1.5	66.8	62.9	64.0	1.1	66.4	62.9	64.3	1.4	66.7	62.9	64.2	1.3	66.6	62.8	64.8	2.1	67.2	62.8	63.6	0.9	66.0
P	top floor	63.5	66.3	2.8	68.7	63.5	65.2	1.7	67.6	63.7	67.2	3.5	69.6	63.7	66.7	3.0	69.1	63.4	65.8	2.4	68.2	63.4	64.2	0.8	66.6
Q	at-grade	64.2	64.3	0.1	66.6	64.2	64.3	0.1	66.6	64.2	64.5	0.3	66.8	64.2	64.4	0.2	66.7	64.2	64.3	0.1	66.6	64.2	64.2	0.0	66.5
Q	3	63.6	63.9	0.3	66.2	63.6	63.8	0.2	66.1	63.6	64.2	0.6	66.5	63.6	64.0	0.4	66.3	63.6	63.7	0.1	66.0	63.6	63.6	0.0	65.9
Q	5	62.3	62.8	0.5	65.1	62.3	62.6	0.3	64.9	62.3	63.2	0.9	65.5	62.3	62.9	0.6	65.2	62.3	62.7	0.4	65.0	62.3	62.4	0.1	64.7
Q	10	59.5	61.3	1.7	63.6	59.5	61.2	1.7	63.5	59.5	62.7	3.2	65.0	59.5	61.2	1.7	63.5	59.5	61.8	2.3	64.1	59.5	59.7	0.2	62.0
Q	15	58.2	60.6	2.4	62.9	58.2	60.4	2.2	62.7	58.3	62.6	4.3	64.9	58.3	61.2	2.9	63.5	58.1	62.3	4.2	64.6	58.1	58.7	0.6	61.0
Q	top floor	57.6	60.8	3.1	63.1	57.6	60.3	2.6	62.6	57.4	62.1	4.7	64.4	57.4	61.5	4.1	63.8	57.4	63.0	5.6	65.3	57.4	59.0	1.6	61.3
R	at-grade	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4	70.9	71.0	0.1	74.5	70.9	71.0	0.1	74.5	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4
R	3	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8
R	5	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4
R	10	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.9	0.2	69.4	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.8	0.1	69.3
R	top floor	63.3	63.5	0.2	67.0	63.3	63.4	0.1	66.9	63.3	63.7	0.4	67.2	63.3	63.6	0.3	67.1	63.3	63.4	0.1	66.9	63.3	63.4	0.1	66.9
S	at-grade	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.9	0.2	74.4	70.7	70.8	0.1	74.3
S	3	70.3	70.5	0.2	74.0	70.3	70.4	0.1	73.9	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0
S	5	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.4	0.4	72.9	69.0	69.5	0.5	73.0	69.0	69.3	0.3	72.8
S	10	66.1	66.6	0.5	70.1	66.1	66.5	0.4	70.0	66.2	67.0	0.8	70.5	66.2	67.0	0.8	70.5	66.1	67.3	1.2	70.8	66.1	66.9	0.8	70.4
S	top floor	64.8	65.4	0.6	68.9	64.8	65.3	0.6	68.8	64.9	66.0	1.1	69.5	64.9	66.1	1.1	69.6	64.7	66.4	1.7	69.9	64.7	65.7	1.0	69.2
T	at-grade	68.8	68.8	0.0	72.3	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3
T	3	68.6	68.7	0.0	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.6	0.0	72.1
T	top floor	66.3	66.4	0.1	69.9	66.3	66.4	0.1	69.9	66.3	66.6	0.3	70.1	66.3	66.6	0.4	70.3	66.3	66.7	0.4	70.2	66.3	66.4	0.1	69.9
U	at-grade	69.0	69.1	0.1	72.6	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.1	0.1	72.6
U	3	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	69.1	0.4	72.6	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	68.9	0.2	72.4
U	top floor	67.5	67.7	0.2	71.2	67.5	67.7	0.2	71.2	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.7	0.2	71.2
V	at-grade	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.4	0.2	71.9	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8
V	3	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8
V	5	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.4	0.4	70.9	67.0	67.4	0.4	70.9	67.0	67.2	0.2	70.7
V	top floor	64.4	64.7	0.3	68.2	64.4	64.7	0.3	68.2	64.5	65.0	0.5	68.5	64.5	65.2	0.7	68.7	64.4	65.0	0.6	68.5	64.4	64.6	0.2	68.1
w	at-grade	66.6	67.0	0.4	69.6	66.6	67.0	0.4	69.6	66.7	67.7	1.0	70.3	66.7	67.4	0.7	70.0	66.7	67.2	0.5	69.8	66.7	67.6	0.9	70.2
w	top floor	67.5	68.0	0.5	70.6	67.5	67.9	0.3	70.5	67.6	69.2	1.7	71.8	67.6	68.8	1.2	71.4	67.6	68.4	0.8	71.0	67.6	68.9	1.3	71.5
X	at-grade	61.7	64.3	2.6	66.9	61.7	64.2	2.5	66.8	61.7	73.4	11.7	76.0	61.7	69.7	8.0	72.3	61.7	66.2	4.5	68.8	61.7	69.2	7.5	71.8
[redacted]	3	61.1	67.4	6.3	70.0	61.1	67.6	6.5	70.2	61.2	79.4	18.2	82.0	61.2	73.7	12.5	76.3	61.2	68.2	7.1	70.8	61.2	72.9	11.7	75.5
[redacted]	top floor	60.0	69.0	9.0	71.6	60.0	67.1	7.1	69.7	62.6	81.5	18.8	84.1	62.6	76.0	13.4	78.6	60.1	69.7	9.6	72.3	60.1	75.6	15.5	78.2
Y	at-grade	66.2	66.3	0.0	69.4	66.2	66.3	0.0	69.4	66.3	66.4	0.0	69.5	66.3	66.5	0.1	69.6	66.3	66.5	0.2	69.6	66.3	66.4	0.0	69.5
Y	3	66.7	66.8	0.0	69.9	66.7	66.8	0.0	69.9	67.0	67.0	0.0	70.1	67.0	67.2	0.2	70.3	66.9	67.2	0.2	70.3	66.9	67.0	0.1	70.1
Y	5	66.4	66.5	0.0	69.6	66.4	66.5	0.0	69.6	66.7	66.8	0.1	69.9	66.7	67.0	0.3	70.1	66.6	66.9	0.3	70.0	66.6	66.7	0.1	69.8
Y	10	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	65.0	65.4	0.3	68.5	65.0	65.7	0.7	68.8	64.9	65.6	0.7	68.7	64.9	65.1	0.2	68.2
Y	top floor	63.6	64.0	0.4	67.1	63.6	63.9	0.2	67.0	64.1	64.8	0.7	67.9	64.1	65.1	1.0	68.2	64.0	65.0	1.0	68.1	64.0	64.2	0.2	67.3
Z	at-grade	62.4	62.5	0.1	65.6	62.4	62.7	0.3	65.8	63.0	63.6	0.6	66.7	63.0	63.7	0.7	66.8	62.8	63.5	0.6	66.6	62.8	62.9	0.1	66.0
Z	3	62.1	62.4	0.2	65.5	62.1	62.6	0.5	65.7	63.7	64.7	1.0	67.8	63.7	64.8	1.1	67.9	63.2	64.1	1.0	67.2	63.2	63.2	0.0	66.3
Z	5	60.9	61.5	0.5	64.6	60.9	61.8	0.8	64.9	62.9	64.0	1.1	67.1	62.9	64.7	1.8	67.8	62.3	63.6	1.4	66.7	62.3	62.3	0.1	65.4
Z	top floor	59.3	60.2	0.9	63.3	59.3	60.6	1.3	63.7	61.9	63.6	1.7	66.7	61.9	64.6	2.7	67.7	61.0	63.0	2.0	66.1	61.0	61.4	0.4	64.5
AA	at-grade	64.9	64.9	0.1	68.0	64.9	64.9	0.1	68.0	66.2	66.3	0.1	69.4	66.2	66.9	0.7	70.0	65.8	66.7	0.9	69.8	65.8	66.0	0.2	69.1
AA	3	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	67.4	67.5	0.1	70.6	67.4	68.3	1.0	71.4	66.6	67.8	1.2	70.9	66.6	66.9	0.4	70.0
AA	top floor	63.4	64.0	0.6	67.1	63.4	64.2	0.8	67.3	66.8	67.8	1.0	70.9	66.8	68.4	1.6	71.5	65.9	67.5	1.6	70.6	65.9	66.3	0.5	69.4

Construction Noise Results (Weekdays)

SCENARIO A

Exceed 3dBA or more
Exceed Leq 65 dBA
Impact Location

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
BB	at-grade	65.8	65.9	0.1	69.0	65.8	65.8	0.1	68.9	73.8	73.8	0.0	76.9	73.8	74.2	0.4	77.3	72.9	73.3	0.5	76.4	72.9	73.0	0.2	76.1
BB	3	65.9	66.5	0.6	69.6	65.9	66.7	0.8	69.8	75.8	76.0	0.2	79.1	75.8	76.3	0.5	79.4	74.2	74.7	0.6	77.8	74.2	74.4	0.2	77.5
BB	top floor	65.4	66.4	1.0	69.5	65.4	66.3	0.9	69.4	75.7	76.0	0.3	79.1	75.7	76.4	0.7	79.5	73.4	74.3	0.9	77.4	73.4	73.8	0.3	76.9
CC	at-grade	65.8	66.3	0.5	69.4	65.8	66.3	0.5	69.4	66.0	66.7	0.7	69.8	66.0	67.0	1.1	70.1	66.0	69.6	3.6	72.7	66.0	69.2	3.3	72.3
CC	3	65.2	66.2	1.0	69.3	65.2	66.2	1.0	69.3	65.5	67.6	2.1	70.7	65.5	67.4	1.9	70.5	65.4	72.6	7.2	75.7	65.4	72.3	6.9	75.4
CC	top floor	64.1	65.9	1.8	69.0	64.1	66.1	2.0	69.2	64.5	68.3	3.8	71.4	64.5	67.2	2.7	70.3	64.4	72.9	8.6	76.0	64.4	72.8	8.4	75.9
DD	at-grade	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5
DD	3	60.6	60.6	0.0	62.5	60.6	60.6	0.0	62.5	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.6	0.0	62.5
DD	5	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.5	0.3	61.4	59.2	59.8	0.6	61.7	59.2	59.2	0.0	61.1
DD	10	57.4	58.9	1.5	60.8	57.4	59.6	2.2	61.5	57.5	60.7	3.2	62.6	57.5	60.4	2.9	62.3	57.4	59.4	2.0	61.3	57.4	58.0	0.6	59.9
DD	top floor	57.7	59.9	2.1	61.8	57.7	60.5	2.8	62.4	57.9	62.2	4.2	64.1	57.9	61.3	3.4	63.2	57.7	60.4	2.7	62.3	57.7	58.9	1.2	60.8
EE	at-grade	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8
EE	3	65.1	65.1	0.0	67.0	65.1	65.1	0.0	67.0	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.1	0.0	67.0
EE	5	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.8	0.2	65.7	63.6	63.9	0.3	65.8	63.6	63.6	0.0	65.5
EE	top floor	61.7	62.1	0.4	64.0	61.7	62.3	0.5	64.2	61.7	62.5	0.7	64.4	61.7	63.1	1.3	65.0	61.7	62.6	0.9	64.5	61.7	61.8	0.1	63.7
FF	at-grade	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	66.7	4.4	68.6	62.3	66.7	4.4	68.6
FF	3	62.5	62.8	0.3	64.7	62.5	62.8	0.4	64.7	62.5	62.9	0.4	64.8	62.5	62.9	0.5	64.8	62.5	68.8	6.4	70.7	62.5	68.8	6.4	70.7
FF	top floor	61.9	62.5	0.6	64.4	61.9	62.7	0.8	64.6	61.9	62.7	0.8	64.6	61.9	62.5	0.7	64.4	61.9	70.3	8.4	72.2	61.9	70.0	8.2	71.9

Construction Noise Results (Weekdays) **SCENARIO A**

Exceed 3dBA or more
Exceed Leq 65 dBA
Impact Location

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
X1	at-grade	67.1	68.6	1.4	71.2	67.1	68.1	1.0	70.7	67.2	70.5	3.3	73.1	67.2	71.5	4.3	74.1	67.2	71.4	4.2	74.0	67.2	69.7	2.4	72.3
X1	top floor	67.7	72.3	4.6	74.9	67.7	69.0	1.3	71.6	67.7	75.8	8.1	78.4	67.7	74.5	6.8	77.1	67.7	75.3	7.6	77.9	67.7	71.8	4.0	74.4
X2	at-grade	63.2	66.0	2.7	68.6	63.2	65.3	2.1	67.9	63.3	71.6	8.3	74.2	63.3	69.6	6.3	72.2	63.3	67.9	4.6	70.5	63.3	67.8	4.5	70.4
X2	top floor	62.6	70.1	7.4	72.7	62.6	65.9	3.2	68.5	62.7	77.4	14.7	80.0	62.7	72.3	9.6	74.9	62.7	69.3	6.6	71.9	62.7	69.5	6.8	72.1
X3	at-grade	62.5	64.1	1.6	66.7	62.5	64.1	1.6	66.7	62.5	68.0	5.5	70.6	62.5	66.4	3.9	69.0	62.5	64.9	2.4	67.5	62.5	68.0	5.4	70.6
X3	3	61.7	64.2	2.5	66.8	61.7	63.9	2.2	66.5	61.7	72.8	11.1	75.4	61.7	67.5	5.8	70.1	61.7	65.3	3.6	67.9	61.7	70.4	8.7	73.0
X3	5	60.3	63.9	3.6	66.5	60.3	62.9	2.6	65.5	60.3	74.3	13.9	76.9	60.3	68.9	8.6	71.5	60.3	65.1	4.7	67.7	60.3	72.8	12.5	75.4
X3	top floor	59.3	63.6	4.2	66.2	59.3	62.3	3.0	64.9	59.4	74.1	14.7	76.7	59.4	68.8	9.4	71.4	59.3	65.1	5.7	67.7	59.3	72.3	13.0	74.9
X4	at-grade	62.8	64.3	1.5	66.9	62.8	64.1	1.3	66.7	62.8	67.2	4.4	69.8	62.8	66.1	3.3	68.7	62.8	64.9	2.1	67.5	62.8	67.3	4.5	69.9
X4	top floor	62.7	64.5	1.8	67.1	62.7	64.1	1.4	66.7	62.7	68.7	6.0	71.3	62.7	67.1	4.4	69.7	62.7	65.4	2.7	68.0	62.7	68.7	6.0	71.3
X5	at-grade	63.5	64.9	1.3	67.5	63.5	64.8	1.2	67.4	63.6	67.2	3.7	69.8	63.6	66.2	2.6	68.8	63.6	65.4	1.8	68.0	63.6	67.1	3.5	69.7
X5	top floor	63.4	65.2	1.8	67.8	63.4	64.9	1.5	67.5	63.6	68.7	5.1	71.3	63.6	67.0	3.4	69.6	63.5	65.8	2.3	68.4	63.5	68.0	4.5	70.6
X6	at-grade	64.6	65.5	0.9	68.1	64.6	65.5	0.9	68.1	64.6	67.2	2.6	69.8	64.6	66.5	1.8	69.1	64.6	66.0	1.4	68.6	64.6	67.0	2.4	69.6
X6	top floor	64.6	65.8	1.2	68.4	64.6	65.6	1.0	68.2	64.6	68.2	3.5	70.8	64.6	67.1	2.4	69.7	64.6	66.3	1.7	68.9	64.6	67.5	2.9	70.1
X7	at-grade	61.8	62.7	0.9	65.3	61.8	62.9	1.1	65.5	61.9	67.7	5.8	70.3	61.9	65.0	3.1	67.6	61.9	62.8	0.9	65.4	61.9	68.6	6.6	71.2
X7	3	61.9	63.0	1.2	65.6	61.9	63.0	1.1	65.6	62.0	70.8	8.8	73.4	62.0	68.1	6.1	70.7	61.9	63.8	1.8	66.4	61.9	73.8	11.9	76.4
X7	top floor	60.9	62.3	1.4	64.9	60.9	62.1	1.2	64.7	61.8	70.6	8.8	73.2	61.8	68.0	6.2	70.6	61.0	63.1	2.2	65.7	61.0	73.4	12.4	76.0
X8	at-grade	62.6	63.7	1.1	66.3	62.6	63.6	1.0	66.2	62.7	67.4	4.7	70.0	62.7	65.4	2.7	68.0	62.6	63.6	1.0	66.2	62.6	67.4	4.8	70.0
X8	3	62.5	63.7	1.2	66.3	62.5	63.5	1.0	66.1	62.6	69.5	6.9	72.1	62.6	67.4	4.8	70.0	62.5	64.5	2.0	67.1	62.5	70.5	7.9	73.1
X8	top floor	61.8	63.0	1.2	65.6	61.8	62.7	1.0	65.3	62.2	69.2	7.1	71.8	62.2	67.3	5.1	69.9	61.8	64.1	2.3	66.7	61.8	71.1	9.4	73.7
X9	at-grade	63.1	64.1	0.9	66.7	63.1	63.9	0.8	66.5	63.2	66.8	3.7	69.4	63.2	65.6	2.4	68.2	63.2	64.1	0.9	66.7	63.2	66.9	3.7	69.5
X9	3	63.1	64.1	0.9	66.7	63.1	64.0	0.8	66.6	63.2	68.8	5.6	71.4	63.2	66.7	3.5	69.3	63.2	64.8	1.6	67.4	63.2	68.4	5.2	71.0
X9	top floor	62.5	63.5	1.0	66.1	62.5	63.3	0.8	65.9	62.7	68.5	5.7	71.1	62.7	66.8	4.1	69.4	62.6	64.5	1.9	67.1	62.6	69.9	7.3	72.5
X10	at-grade	64.1	64.8	0.7	67.4	64.1	64.7	0.6	67.3	64.1	66.6	2.4	69.2	64.1	65.6	1.5	68.2	64.1	64.8	0.7	67.4	64.1	66.6	2.5	69.2
X10	3	64.3	64.9	0.6	67.5	64.3	64.9	0.6	67.5	64.3	68.0	3.6	70.6	64.3	66.5	2.2	69.1	64.3	65.4	1.1	68.0	64.3	67.5	3.2	70.1
X10	top floor	63.9	64.5	0.6	67.1	63.9	64.5	0.6	67.1	63.9	67.9	4.0	70.5	63.9	66.7	2.8	69.3	63.8	65.4	1.6	68.0	63.8	68.7	4.9	71.3
X11	at-grade	54.6	55.3	0.7	57.9	54.6	59.4	4.7	62.0	54.7	62.6	7.9	65.2	54.7	61.8	7.1	64.4	54.7	56.6	1.9	59.2	54.7	56.1	1.4	58.7
X11	3	55.7	56.6	0.9	59.2	55.7	61.9	6.2	64.5	55.8	67.2	11.4	69.8	55.8	68.8	13.0	71.4	55.8	60.5	4.7	63.1	55.8	57.2	1.3	59.8
X11	top floor	57.8	59.4	1.6	62.0	57.8	68.9	11.0	71.5	57.9	73.9	16.0	76.5	57.9	71.9	14.0	74.5	57.9	63.4	5.5	66.0	57.9	58.7	0.8	61.3
X12	at-grade	54.6	55.2	0.5	57.8	54.6	56.3	1.7	58.9	54.7	58.5	3.8	61.1	54.7	57.2	2.5	59.8	54.7	55.5	0.8	58.1	54.7	55.5	0.8	58.1
X12	3	56.3	57.3	1.0	59.9	56.3	58.1	1.8	60.7	56.4	59.9	3.6	62.5	56.4	58.7	2.3	61.3	56.4	57.2	0.8	59.8	56.4	57.0	0.6	59.6
X12	top floor	60.7	61.0	0.3	63.6	60.7	62.3	1.6	64.9	60.8	63.6	2.9	66.2	60.8	65.4	4.6	68.0	60.8	61.5	0.8	64.1	60.8	61.0	0.2	63.6
X13	at-grade	54.6	55.7	1.0	58.3	54.6	57.8	3.1	60.4	54.7	58.3	3.7	60.9	54.7	57.8	3.1	60.4	54.7	57.2	2.5	59.8	54.7	55.3	0.6	57.9
X13	3	56.2	59.0	2.8	61.6	56.2	60.8	4.6	63.4	56.3	61.5	5.3	64.1	56.3	60.9	4.6	63.5	56.3	60.9	4.6	63.5	56.3	58.0	1.7	60.6
X13	top floor	59.9	61.4	1.5	64.0	59.9	63.6	3.7	66.2	60.0	64.1	4.1	66.7	60.0	64.6	4.6	67.2	60.0	63.8	3.8	66.4	60.0	60.8	0.8	63.4
I1	at-grade	64.8	70.5	5.7	73.0	64.8	70.7	5.9	73.2	64.8	70.8	6.1	73.3	64.8	69.2	4.5	71.7	64.8	70.5	5.7	73.0	64.8	69.8	5.0	72.3
I1	3	63.4	73.6	10.2	76.1	63.4	73.5	10.1	76.0	63.4	74.8	11.4	77.3	63.4	72.1	8.7	74.6	63.4	76.4	13.0	78.9	63.4	75.8	12.4	78.3
I1	top floor	62.0	75.0	13.1	77.5	62.0	74.6	12.7	77.1	61.9	75.6	13.7	78.1	61.9	73.2	11.4	75.7	61.9	76.4	14.4	78.9	61.9	75.6	13.7	78.1
I2	at-grade	63.3	66.1	2.8	68.6	63.3	66.5	3.2	69.0	63.3	67.9	4.6	70.4	63.3	69.3	6.0	71.8	63.3	70.4	7.1	72.9	63.3	69.3	6.0	71.8
I2	3	61.7	66.8	5.1	69.3	61.7	67.0	5.3	69.5	61.7	70.9	9.1	73.4	61.7	74.4	12.7	76.9	61.7	76.2	14.4	78.7	61.7	76.5	14.8	79.0
I2	5	60.0	67.8	7.8	70.3	60.0	67.5	7.5	70.0	60.0	71.3	11.3	73.8	60.0	75.1	15.1	77.6	60.0	76.7	16.7	79.2	60.0	75.5	15.5	78.0
I2	top floor	58.9	67.5	8.5	70.0	58.9	67.0	8.1	69.5	58.8	71.0	12.1	73.5	58.8	74.1	15.3	76.6	58.8	75.6	16.8	78.1	58.8	74.1	15.3	76.6
I3	at-grade	61.6	63.9	2.3	66.4	61.6	64.0	2.4	66.5	61.6	65.1	3.5	67.6	61.6	65.8	4.2	68.3	61.6	66.6	5.0	69.1	61.6	65.7	4.1	68.2
I3	3	61.2	64.6	3.4	67.1	61.2	64.5	3.3	67.0	61.2	67.4	6.2	69.9	61.2	67.3	6.1	69.8	61.2	68.4	7.2	70.9	61.2	67.5	6.3	70.0
I3	5	60.0	65.1	5.1	67.6	60.0	64.7	4.7	67.2	60.0	66.2	6.2	68.7	60.0	69.2	9.2	71.7	60.0	70.6	10.6	73.1	60.0	69.5	9.5	72.0
I3	top floor	59.1	64.7	5.6	67.2	59.1	64.3	5.3	66.8	59.0	67.1	8.1	69.6	59.0	68.9	9.9	71.4	59.0	70.2	11.2	72.7	59.0	69.1	10.0	71.6
I4	at-grade	62.0	63.9	1.9	66.4	62.0	64.0	1.9	66.5	62.0	65.0	3.0	67.5	62.0	65.4	3.4	67.9	62.0	66.1	4.1	68.6	62.0	65.3	3.3	67.8
I4	3	61.7	64.5	2.8	67.0	61.7	64.4	2.7	66.9	61.6	66.5	4.9	69.0	61.6	66.4	4.8	68.9	61.6	67.3	5.7	69.8	61.6	66.4	4.8	68.9
I4	5	60.5	64.7	4.2	67.2	60.5	64.3	3.8	66.8	60.4	65.4	5.0	67.9	60.4	67.9	7.5	70.4	60.4	69.2	8.8	71.7	60.4	68.1	7.7	70.6
I4	top floor	59.7	64.3	4.6	66.8	59.7	63.9	4.2	66.4	59.5	66.3	6.8	68.8	59.5	67.5	8.0	70.0	59.5	68.9	9.4	71.4	59.5	67.7	8.2	70.2
I5	at-grade	62.0	63.6	1.6	66.1	62.0	63.6	1.6	66.1	62.1	64.5	2.4	67.0	62.1	64.9	2.8	67.4	62.1	65.5	3.4	68.0	62.1	64.7	2.6	67.2
I5	3	62.0	64.3	2.3	66.8	62.0	64.2	2.3	66.7	62.0	65.9	4.0	68.4	62.0	65.6	3.7	68.1	62.0	66.4	4.4	68.9	62.0	65.6	3.6	68.1
I5	top floor	61.0	64.3	3.3	66.8	61.0	64.0	3.0	66.5	61.0	64.8	3.8	67.3	61.0	66.9	5.9	69.4	61.0	68.0	7.0	70.5	61.0	66.9	5.9	69.4
I6	at-grade	60.8	61.9	1.1	64.4	60.8	62.4	1.6	64.9	60.8	63.2	2.4	65.7	60.8	63.7	2.9	66.2	60.8	64.3	3.5	66.8	60.8	64.2	3.4	66.7
I6	3	60.5	62.3	1.8	64.8	60.5	62.6	2.1	65.1	60.5	64.1	3.6	66.6	60.5	64.9	4.4	67.4	60.5	65.7	5.2	68.2	60.5	65.5	5.0	68.0

Construction Noise Results (Weekdays) **SCENARIO A**

Exceed 3dBA or more
Exceed Leq 65 dBA
Impact Location

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
I6	5	59.2	61.3	2.0	63.8	59.2	61.6	2.4	64.1	59.2	63.3	4.1	65.8	59.2	64.2	5.0	66.7	59.2	65.2	6.0	67.7	59.2	64.8	5.6	67.3
I6	10	56.4	59.2	2.8	61.7	56.4	59.4	2.9	61.9	56.4	61.8	5.4	64.3	56.4	62.8	6.3	65.3	56.4	63.7	7.3	66.2	56.4	63.0	6.6	65.5
I6	top floor	55.4	58.6	3.1	61.1	55.4	58.8	3.4	61.3	55.4	61.3	5.9	63.8	55.4	62.1	6.6	64.6	55.4	63.0	7.6	65.5	55.4	62.1	6.6	64.6
I7	at-grade	61.0	62.3	1.3	64.8	61.0	62.4	1.4	64.9	61.0	64.3	3.3	66.8	61.0	64.3	3.3	66.8	61.0	64.8	3.8	67.3	61.0	65.1	4.1	67.6
I7	3	60.6	63.0	2.4	65.5	60.6	63.1	2.5	65.6	60.6	66.3	5.7	68.8	60.6	66.1	5.5	68.6	60.6	66.6	6.0	69.1	60.6	67.2	6.6	69.7
I7	top floor	59.4	62.0	2.6	64.5	59.4	62.1	2.7	64.6	59.4	66.0	6.6	68.5	59.4	65.8	6.4	68.3	59.4	66.5	7.1	69.0	59.4	66.8	7.4	69.3
I8	at-grade	63.5	64.6	1.1	67.1	63.5	64.6	1.1	67.1	63.5	65.2	1.7	67.7	63.5	65.6	2.1	68.1	63.5	66.0	2.5	68.5	63.5	65.5	2.0	68.0
I8	3	62.9	65.3	2.4	67.8	62.9	65.1	2.2	67.6	62.9	66.4	3.5	68.9	62.9	66.4	3.5	68.9	62.9	67.1	4.2	69.6	62.9	66.1	3.2	68.6
I8	top floor	61.9	64.4	2.5	66.9	61.9	64.3	2.4	66.8	61.9	65.8	3.9	68.3	61.9	66.6	4.7	69.1	61.9	67.5	5.6	70.0	61.9	66.5	4.6	69.0
I9	at-grade	54.7	58.0	3.3	60.5	54.7	61.9	7.3	64.4	54.7	65.5	10.8	68.0	54.7	63.7	9.0	66.2	54.7	59.5	4.8	62.0	54.7	56.5	1.8	59.0
I9	3	56.6	61.8	5.3	64.3	56.6	63.8	7.2	66.3	57.1	69.7	12.6	72.2	57.1	70.5	13.4	73.0	56.7	63.3	6.6	65.8	56.7	59.3	2.6	61.8
I9	5	60.9	63.5	2.5	66.0	60.9	64.5	3.5	67.0	61.1	71.6	10.5	74.1	61.1	70.7	9.6	73.2	60.9	64.1	3.2	66.6	60.9	61.6	0.7	64.1
I9	10	69.1	69.6	0.5	72.1	69.1	69.7	0.5	72.2	69.2	73.2	4.0	75.7	69.2	73.3	4.1	75.8	69.2	69.9	0.7	72.4	69.2	69.3	0.2	71.8
I9	top floor	73.0	73.2	0.2	75.7	73.0	73.2	0.2	75.7	73.0	75.3	2.3	77.8	73.0	75.7	2.7	78.2	73.0	73.4	0.4	75.9	73.0	73.1	0.1	75.6
I10	at-grade	54.6	55.2	0.6	57.7	54.6	56.5	1.9	59.0	54.7	57.1	2.5	59.6	54.7	56.2	1.5	58.7	54.7	55.9	1.2	58.4	54.7	55.2	0.5	57.7
I10	3	56.5	57.2	0.7	59.7	56.5	58.4	1.9	60.9	56.6	58.8	2.2	61.3	56.6	59.0	2.4	61.5	56.6	58.2	1.6	60.7	56.6	57.0	0.4	59.5
I10	top floor	59.7	60.1	0.3	62.6	59.7	60.5	0.8	63.0	60.0	61.6	1.6	64.1	60.0	61.3	1.3	63.8	59.8	60.5	0.7	63.0	59.8	60.0	0.2	62.5
I11	at-grade	54.6	56.0	1.4	58.5	54.6	56.5	1.9	59.0	54.6	58.9	4.3	61.4	54.6	58.8	4.2	61.3	54.6	57.2	2.6	59.7	54.6	55.2	0.6	57.7
I11	3	56.4	58.8	2.4	61.3	56.4	58.8	2.4	61.3	56.4	62.2	5.8	64.7	56.4	62.8	6.4	65.3	56.4	59.6	3.2	62.1	56.4	57.4	1.1	59.9
I11	top floor	59.6	61.1	1.5	63.6	59.6	60.5	0.9	63.0	59.6	64.6	4.9	67.1	59.6	64.6	4.9	67.1	59.6	61.5	1.9	64.0	59.6	59.9	0.3	62.4
A1	at-grade	72.5	73.0	0.5	76.0	72.5	72.9	0.4	75.9	72.6	73.3	0.7	76.3	72.6	73.0	0.4	76.0	72.4	74.5	2.0	77.5	72.4	74.3	1.9	77.3

Construction Noise Results (Weekdays) **SCENARIO B**

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
A	at-grade	71.3	71.5	0.1	74.5	71.3	71.8	0.4	74.8	71.4	71.5	0.1	74.5	71.4	71.5	0.1	74.5	71.4	71.7	0.3	74.7	71.4	71.7	0.3	74.7
A	3	71.0	71.2	0.2	74.2	71.0	71.7	0.7	74.7	71.0	71.3	0.3	74.3	71.0	71.3	0.3	74.3	71.0	71.7	0.7	74.7	71.0	71.6	0.5	74.6
A	5	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.0	0.4	73.0	69.6	69.9	0.3	72.9	69.6	70.6	1.0	73.6	69.6	70.4	0.8	73.4
A	10	67.8	68.2	0.5	71.2	67.8	69.0	1.3	72.0	67.6	68.2	0.6	71.2	67.6	68.0	0.4	71.0	67.6	69.1	1.5	72.1	67.6	68.9	1.3	71.9
A	top floor	66.1	67.1	1.0	70.1	66.1	67.8	1.6	70.8	65.9	66.7	0.8	69.7	65.9	66.6	0.7	69.6	65.9	68.1	2.2	71.1	65.9	67.7	1.8	70.7
B	at-grade	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.1	0.1	73.1	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0
B	3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.2	0.1	73.2	70.1	70.2	0.1	73.2
B	5	68.8	69.0	0.2	72.0	68.8	69.1	0.3	72.1	68.8	69.1	0.3	72.1	68.8	69.0	0.2	72.0	68.8	69.0	0.2	72.0	68.8	68.9	0.1	71.9
B	10	66.4	66.9	0.4	69.9	66.4	66.8	0.4	69.8	66.4	67.2	0.8	70.2	66.4	66.8	0.4	69.8	66.4	66.6	0.2	69.6	66.4	66.6	0.2	69.6
B	top floor	64.6	65.7	1.0	68.7	64.6	65.2	0.6	68.2	64.6	66.4	1.8	69.4	64.6	65.6	1.0	68.6	64.6	64.9	0.3	67.9	64.6	64.8	0.2	67.8
C	at-grade	73.1	73.2	0.0	76.2	73.1	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2
C	3	73.5	73.6	0.0	76.6	73.5	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.7	0.1	76.7	73.6	73.6	0.0	76.6
C	5	72.6	72.7	0.0	75.7	72.6	72.7	0.1	75.7	72.7	72.7	0.0	75.7	72.7	72.7	0.0	75.7	72.7	72.8	0.1	75.8	72.7	72.8	0.1	75.8
C	10	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.4	0.1	73.4	70.2	70.3	0.1	73.3
C	15	68.7	68.8	0.1	71.8	68.7	68.8	0.1	71.8	68.7	68.7	0.1	71.7	68.7	68.7	0.1	71.7	68.7	68.9	0.2	71.9	68.7	68.8	0.1	71.8
C	top floor	67.7	67.8	0.1	70.8	67.7	67.8	0.1	70.8	67.7	67.8	0.2	70.8	67.7	67.8	0.2	70.8	67.7	68.2	0.5	71.2	67.7	67.9	0.1	70.9
D	at-grade	74.3	74.5	0.2	77.5	74.3	74.5	0.1	77.5	74.4	74.9	0.4	77.9	74.4	75.3	0.9	78.3	74.4	75.7	1.3	78.7	74.4	75.0	0.7	78.0
D	3	74.5	74.9	0.4	77.9	74.5	74.8	0.3	77.8	74.7	76.0	1.3	79.0	74.7	76.4	1.7	79.4	74.5	77.0	2.5	80.0	74.5	75.8	1.3	78.8
D	top floor	73.5	74.4	0.9	77.4	73.5	73.9	0.3	76.9	73.8	76.1	2.3	79.1	73.8	76.8	3.0	79.8	73.5	77.8	4.3	80.8	73.5	75.8	2.3	78.8
E	at-grade	73.1	73.2	0.1	76.2	73.1	73.2	0.1	76.2	72.1	72.3	0.2	75.3	72.1	72.5	0.4	75.5	71.9	72.3	0.4	75.3	71.9	72.0	0.1	75.0
E	3	73.9	74.0	0.1	77.0	73.9	74.0	0.1	77.0	72.6	73.1	0.4	76.1	72.6	73.3	0.6	76.3	72.2	72.9	0.7	75.9	72.2	72.4	0.2	75.4
E	top floor	73.1	73.3	0.2	76.3	73.1	73.2	0.1	76.2	72.0	72.7	0.7	75.7	72.0	72.8	0.9	75.8	71.4	72.4	1.0	75.4	71.4	71.7	0.3	74.7
F	at-grade	71.3	71.3	0.0	74.3	71.3	71.3	0.0	74.3	71.3	71.4	0.1	74.4	71.3	71.5	0.2	74.5	71.3	71.5	0.2	74.5	71.3	71.3	0.1	74.3
F	3	71.5	71.6	0.1	74.6	71.5	71.6	0.1	74.6	71.5	71.6	0.2	74.6	71.5	71.8	0.3	74.8	71.4	71.6	0.3	74.6	71.4	71.4	0.1	74.4
F	5	70.4	70.6	0.1	73.6	70.4	70.5	0.1	73.5	70.5	70.8	0.2	73.8	70.5	71.0	0.5	74.0	70.3	70.7	0.4	73.7	70.3	70.4	0.1	73.4
F	top floor	69.5	69.7	0.2	72.7	69.5	69.6	0.1	72.6	69.6	70.0	0.4	73.0	69.6	70.2	0.6	73.2	69.4	69.9	0.5	72.9	69.4	69.5	0.1	72.5
G	at-grade	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1
G	3	73.0	73.0	0.0	76.0	73.0	73.0	0.0	76.0	72.9	72.9	0.0	75.9	72.9	72.9	0.0	75.9	72.9	73.0	0.1	76.0	72.9	72.9	0.0	75.9
G	top floor	71.7	71.8	0.0	74.8	71.7	71.8	0.0	74.8	71.6	71.6	0.0	74.6	71.6	71.7	0.1	74.7	71.6	71.7	0.1	74.7	71.6	71.6	0.0	74.6
H	at-grade	65.0	65.9	0.8	68.4	65.0	65.8	0.8	68.3	65.1	66.2	1.2	68.7	65.1	66.4	1.3	68.9	65.1	66.7	1.6	69.2	65.1	66.4	1.3	68.9
H	3	63.9	65.2	1.3	67.7	63.9	65.1	1.2	67.6	64.0	66.3	2.3	68.8	64.0	66.0	2.0	68.5	64.0	66.5	2.4	69.0	64.0	65.9	1.9	68.4
H	5	62.6	64.6	2.0	67.1	62.6	64.4	1.8	66.9	62.7	65.1	2.5	67.6	62.7	66.1	3.4	68.6	62.7	67.0	4.2	69.5	62.7	65.9	3.2	68.4
H	10	60.2	63.2	2.9	65.7	60.2	62.9	2.7	65.4	60.3	64.5	4.3	67.0	60.3	65.0	4.7	67.5	60.3	66.0	5.7	68.5	60.3	64.8	4.5	67.3
H	15	60.5	63.3	2.8	65.8	60.5	63.2	2.7	65.7	60.5	64.7	4.2	67.2	60.5	65.2	4.7	67.7	60.5	66.3	5.8	68.8	60.5	64.6	4.1	67.1
H	top floor	60.5	63.2	2.8	65.7	60.5	63.1	2.6	65.6	60.5	64.6	4.1	67.1	60.5	65.7	5.2	68.2	60.2	66.4	6.2	68.9	60.2	64.1	3.9	66.6
I	at-grade	64.6	68.8	4.2	71.3	64.6	69.8	5.2	72.3	64.6	71.9	7.3	74.4	64.6	70.9	6.3	73.4	64.6	71.6	7.0	74.1	64.6	69.5	4.9	72.0
I	3	62.6	72.7	10.0	75.2	62.6	72.9	10.3	75.4	62.6	77.7	15.1	80.2	62.6	77.6	15.0	80.1	62.6	78.4	15.8	80.9	62.6	74.8	12.2	77.3
I	top floor	60.8	73.3	12.4	75.8	60.8	72.7	11.9	75.2	60.8	78.1	17.3	80.6	60.8	77.0	16.2	79.5	60.8	77.9	17.1	80.4	60.8	74.5	13.7	77.0
J	at-grade	67.7	71.4	3.7	73.9	67.7	71.2	3.5	73.7	67.8	70.1	2.3	72.6	67.8	69.5	1.7	72.0	67.8	69.9	2.1	72.4	67.8	69.7	1.9	72.2
J	3	67.2	75.2	8.1	77.7	67.2	75.2	8.1	77.7	67.2	71.6	4.4	74.1	67.2	71.4	4.3	73.9	67.2	72.0	4.8	74.5	67.2	72.0	4.8	74.5
J	5	65.8	74.2	8.4	76.7	65.8	74.4	8.6	76.9	65.8	72.1	6.4	74.6	65.8	71.2	5.5	73.7	65.8	71.5	5.7	74.0	65.8	71.4	5.6	73.9
J	10	63.7	72.2	8.6	74.7	63.7	72.6	8.9	75.1	63.5	71.5	8.0	74.0	63.5	70.6	7.1	73.1	63.5	70.8	7.3	73.3	63.5	70.2	6.7	72.7
J	top floor	62.7	70.7	7.9	73.2	62.7	70.9	8.2	73.4	61.8	70.7	8.9	73.2	61.8	71.5	9.7	74.0	61.6	72.0	10.4	74.5	61.6	69.1	7.5	71.6
K	at-grade	66.6	68.8	2.2	71.1	66.6	68.8	2.2	71.1	66.7	69.6	2.9	71.9	66.7	69.3	2.7	71.6	66.7	70.0	3.3	72.3	66.7	69.8	3.1	72.1
K	3	67.5	71.5	3.9	73.8	67.5	72.1	4.5	74.4	67.7	72.9	5.3	75.2	67.7	72.4	4.8	74.7	67.6	72.3	4.7	74.6	67.6	72.0	4.3	74.3
K	top floor	67.1	72.3	5.2	74.6	67.1	72.3	5.2	74.6	67.5	73.7	6.2	76.0	67.5	73.2	5.7	75.5	67.4	72.5	5.1	74.8	67.4	72.1	4.8	74.4
L	at-grade	64.8	65.3	0.4	68.4	64.8	65.3	0.5	68.4	64.9	65.5	0.6	68.6	64.9	65.7	0.8	68.8	64.9	66.4	1.4	69.5	64.9	66.1	1.2	69.2
L	3	64.4	64.9	0.5	68.0	64.4	64.8	0.5	67.9	64.5	65.3	0.8	68.4	64.5	65.7	1.1	68.8	64.5	66.9	2.4	70.0	64.5	66.5	2.1	69.6
L	top floor	63.0	63.8	0.8	66.9	63.0	63.8	0.9	66.9	63.1	64.3	1.3	67.4	63.1	64.8	1.7	67.9	63.1	66.5	3.4	69.6	63.1	65.9	2.8	69.0
M	at-grade	62.7	63.2	0.5	66.3	62.7	63.2	0.5	66.3	62.8	63.3	0.5	66.4	62.8	63.5	0.7	66.6	62.8	63.9	1.1	67.0	62.8	63.7	0.9	66.8
M	3	62.0	62.5	0.5	65.6	62.0	62.5	0.5	65.6	62.1	62.7	0.6	65.8	62.1	63.1	1.0	66.2	62.1	63.9	1.8	67.0	62.1	63.4	1.3	66.5
M	5	60.3	60.9	0.6	64.0	60.3	60.9	0.6	64.0	60.4	61.4	1.0	64.5	60.4	62.0	1.6	65.1	60.4	63.2	2.8	66.3	60.4	62.5	2.0	65.6
M	10	57.0	58.9	1.9	62.0	57.0	58.5	1.5	61.6	57.5	60.1	2.6	63.2	57.5	61.2	3.7	64.3	57.7	62.6	4.9	65.7	57.7	61.4	3.7	64.5
M	15	55.4	58.2	2.8	61.3	55.4	57.4	1.9	60.5	57.2	61.2	4.0	64.3	57.2	61.6	4.4	64.7	56.6	62.7	6.1	65.8	56.6	61.2	4.6	64.3
M	top floor	56.4	59.2	2.8	62.3	56.4	58.3	1.9	61.4	57.8	61.7	3.9	64.8	57.8	62.0	4.2	65.1	57.3	63.6	6.4	66.7	57.3	61.9	4.6	65.0

Construction Noise Results (Weekdays)

SCENARIO B

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
N	at-grade	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0	67.7	68.0	0.3	71.1	67.7	68.0	0.2	71.1	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0
N	3	67.1	67.4	0.3	70.5	67.1	67.4	0.3	70.5	67.2	67.6	0.4	70.7	67.2	67.5	0.3	70.6	67.2	67.4	0.3	70.5	67.2	67.4	0.2	70.5
N	top floor	65.8	66.1	0.3	69.2	65.8	66.1	0.3	69.2	66.0	66.5	0.5	69.6	66.0	66.4	0.5	69.5	65.9	66.3	0.4	69.4	65.9	66.1	0.2	69.2
O	at-grade	63.9	64.8	0.9	67.2	63.9	64.2	0.3	66.6	63.9	65.2	1.3	67.6	63.9	65.0	1.1	67.4	63.9	64.1	0.2	66.5	63.9	64.1	0.2	66.5
O	3	63.0	64.5	1.5	66.9	63.0	63.4	0.4	65.8	63.0	65.4	2.4	67.8	63.0	64.9	1.9	67.3	63.0	63.3	0.3	65.7	63.0	63.2	0.2	65.6
O	top floor	61.8	65.2	3.4	67.6	61.8	62.3	0.5	64.7	61.8	66.6	4.8	69.0	61.8	65.7	3.9	68.1	61.8	62.1	0.3	64.5	61.8	62.0	0.2	64.4
P	at-grade	67.4	68.0	0.6	70.4	67.4	67.6	0.2	70.0	67.4	68.6	1.2	71.0	67.4	68.1	0.7	70.5	67.4	67.5	0.1	69.9	67.4	67.5	0.1	69.9
P	10	55.8	58.1	2.3	60.5	55.8	57.2	1.3	59.6	56.0	58.2	2.2	60.6	56.0	58.7	2.7	61.1	55.1	58.8	3.8	61.2	55.1	56.5	1.5	58.9
P	15	62.9	64.4	1.5	66.8	62.9	64.0	1.1	66.4	62.9	64.3	1.4	66.7	62.9	64.2	1.3	66.6	62.8	64.8	2.0	67.2	62.8	63.5	0.7	65.9
P	top floor	63.5	66.3	2.8	68.7	63.5	65.2	1.7	67.6	63.7	67.2	3.5	69.6	63.7	66.7	3.0	69.1	63.4	65.8	2.4	68.2	63.4	64.1	0.7	66.5
Q	at-grade	64.2	64.3	0.1	66.6	64.2	64.3	0.1	66.6	64.2	64.5	0.3	66.8	64.2	64.4	0.2	66.7	64.2	64.3	0.1	66.6	64.2	64.2	0.0	66.5
Q	3	63.6	63.9	0.3	66.2	63.6	63.8	0.2	66.1	63.6	64.2	0.6	66.5	63.6	64.0	0.4	66.3	63.6	63.7	0.1	66.0	63.6	63.6	0.0	65.9
Q	5	62.3	62.8	0.5	65.1	62.3	62.6	0.3	64.9	62.3	63.2	0.9	65.5	62.3	62.9	0.6	65.2	62.3	62.7	0.4	65.0	62.3	62.4	0.1	64.7
Q	10	59.5	61.3	1.7	63.6	59.5	61.2	1.7	63.5	59.5	62.7	3.2	65.0	59.5	61.3	1.8	63.6	59.5	61.9	2.4	64.2	59.5	59.7	0.2	62.0
Q	15	58.2	60.6	2.4	62.9	58.2	60.4	2.2	62.7	58.3	62.6	4.3	64.9	58.3	61.2	2.9	63.5	58.1	62.3	4.2	64.6	58.1	58.7	0.6	61.0
Q	top floor	57.6	60.8	3.1	63.1	57.6	60.3	2.6	62.6	57.4	62.1	4.7	64.4	57.4	61.6	4.2	63.9	57.4	63.1	5.7	65.4	57.4	59.0	1.6	61.3
R	at-grade	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4	70.9	71.0	0.1	74.5	70.9	71.0	0.1	74.5	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4
R	3	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8
R	5	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4
R	10	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.9	0.2	69.4	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.8	0.1	69.3
R	top floor	63.3	63.5	0.2	67.0	63.3	63.4	0.1	66.9	63.3	63.7	0.4	67.2	63.3	63.6	0.3	67.1	63.3	63.4	0.1	66.9	63.3	63.4	0.1	66.9
S	at-grade	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.9	0.2	74.4	70.7	70.8	0.1	74.3
S	3	70.3	70.5	0.2	74.0	70.3	70.4	0.1	73.9	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0
S	5	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.4	0.4	72.9	69.0	69.5	0.5	73.0	69.0	69.3	0.3	72.8
S	10	66.1	66.6	0.5	70.1	66.1	66.5	0.4	70.0	66.2	67.0	0.8	70.5	66.2	67.0	0.8	70.5	66.1	67.3	1.2	70.8	66.1	66.9	0.8	70.4
S	top floor	64.8	65.4	0.6	68.9	64.8	65.3	0.6	68.8	64.9	66.0	1.1	69.5	64.9	66.1	1.1	69.6	64.7	66.4	1.7	69.9	64.7	65.7	1.0	69.2
T	at-grade	68.8	68.8	0.0	72.3	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3
T	3	68.6	68.7	0.0	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.6	0.0	72.1
T	top floor	66.3	66.4	0.1	69.9	66.3	66.4	0.1	69.9	66.3	66.6	0.3	70.1	66.3	66.8	0.4	70.3	66.3	66.7	0.4	70.2	66.3	66.4	0.1	69.9
U	at-grade	69.0	69.1	0.1	72.6	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.1	0.1	72.6
U	3	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	69.1	0.4	72.6	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	68.9	0.2	72.4
U	top floor	67.5	67.7	0.2	71.2	67.5	67.7	0.2	71.2	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.7	0.2	71.2
V	at-grade	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.4	0.2	71.9	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8
V	3	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8
V	5	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.4	0.4	70.9	67.0	67.4	0.4	70.9	67.0	67.2	0.2	70.7
V	top floor	64.4	64.7	0.3	68.2	64.4	64.7	0.3	68.2	64.5	65.0	0.5	68.5	64.5	65.2	0.7	68.7	64.4	65.0	0.6	68.5	64.4	64.6	0.2	68.1
w	at-grade	66.6	67.0	0.4	69.6	66.6	67.0	0.4	69.6	66.7	67.7	1.0	70.3	66.7	67.4	0.7	70.0	66.7	67.2	0.5	69.8	66.7	67.6	0.9	70.2
w	top floor	67.5	68.0	0.5	70.6	67.5	67.9	0.3	70.5	67.6	69.2	1.7	71.8	67.6	68.8	1.2	71.4	67.6	68.3	0.7	70.9	67.6	68.9	1.3	71.5
X	at-grade	61.7	64.3	2.6	66.9	61.7	64.2	2.5	66.8	61.7	73.4	11.7	76.0	61.7	69.7	8.0	72.3	61.7	65.7	4.0	68.3	61.7	69.0	7.3	71.6
X	3	61.1	67.4	6.3	70.0	61.1	67.6	6.5	70.2	61.2	79.4	18.2	82.0	61.2	73.7	12.5	76.3	61.2	66.9	5.7	69.5	61.2	72.5	11.4	75.1
X	top floor	60.0	69.0	9.0	71.6	60.0	67.1	7.1	69.7	62.6	81.5	18.8	84.1	62.6	76.0	13.4	78.6	60.1	67.7	7.6	70.3	60.1	75.2	15.1	77.8
Y	at-grade	66.2	66.3	0.0	69.4	66.2	66.3	0.0	69.4	66.3	66.4	0.0	69.5	66.3	66.5	0.1	69.6	66.3	66.5	0.2	69.6	66.3	66.4	0.0	69.5
Y	3	66.7	66.8	0.0	69.9	66.7	66.8	0.0	69.9	67.0	67.0	0.0	70.1	67.0	67.2	0.2	70.3	66.9	67.2	0.2	70.3	66.9	67.0	0.1	70.1
Y	5	66.4	66.5	0.0	69.6	66.4	66.5	0.0	69.6	66.7	66.8	0.1	69.9	66.7	67.0	0.3	70.1	66.6	66.9	0.3	70.0	66.6	66.7	0.1	69.8
Y	10	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	65.0	65.4	0.3	68.5	65.0	65.7	0.7	68.8	64.9	65.7	0.7	68.7	64.9	65.1	0.2	68.2
Y	top floor	63.6	64.0	0.4	67.1	63.6	63.9	0.2	67.0	64.1	64.8	0.7	67.9	64.1	65.1	1.0	68.2	64.0	65.0	1.0	68.1	64.0	64.2	0.3	67.3
Z	at-grade	62.4	62.5	0.1	65.6	62.4	62.7	0.3	65.8	63.0	63.6	0.6	66.7	63.0	63.7	0.7	66.8	62.8	63.5	0.6	66.6	62.8	62.9	0.1	66.0
Z	3	62.1	62.4	0.2	65.5	62.1	62.6	0.5	65.7	63.7	64.7	1.0	67.8	63.7	64.8	1.1	67.9	63.2	64.1	0.9	67.2	63.2	63.2	0.0	66.3
Z	5	60.9	61.5	0.5	64.6	60.9	61.8	0.8	64.9	62.9	64.0	1.1	67.1	62.9	64.7	1.8	67.8	62.3	63.6	1.3	66.7	62.3	62.3	0.1	65.4
Z	top floor	59.3	60.2	0.9	63.3	59.3	60.6	1.3	63.7	61.9	63.6	1.7	66.7	61.9	64.6	2.7	67.7	61.0	63.1	2.0	66.2	61.0	61.4	0.4	64.5
AA	at-grade	64.9	64.9	0.1	68.0	64.9	64.9	0.1	68.0	66.2	66.3	0.1	69.4	66.2	66.9	0.7	70.0	65.8	66.6	0.9	69.7	65.8	66.0	0.3	69.1
AA	3	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	67.4	67.5	0.1	70.6	67.4	68.3	0.9	71.4	66.6	67.8	1.2	70.9	66.6	66.9	0.4	70.0
AA	top floor	63.4	64.0	0.6	67.1	63.4	64.2	0.8	67.3	66.8	67.8	1.0	70.9	66.8	68.4	1.6	71.5	65.9	67.4	1.6	70.5	65.9	66.3	0.5	69.4

Construction Noise Results (Weekdays)

SCENARIO B

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																					
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
BB	at-grade	65.8	65.9	0.1	69.0	65.8	65.8	0.1	68.9	73.8	73.8	0.0	76.9	73.8	74.2	0.4	77.3	72.9	73.3	0.4	76.4	72.9	73.0	0.2	76.1
BB	3	65.9	66.5	0.6	69.6	65.9	66.7	0.8	69.8	75.8	76.0	0.2	79.1	75.8	76.3	0.5	79.4	74.2	74.7	0.6	77.8	74.2	74.4	0.2	77.5
BB	top floor	65.4	66.4	1.0	69.5	65.4	66.3	0.9	69.4	75.7	76.0	0.3	79.1	75.7	76.3	0.6	79.4	73.4	74.3	0.9	77.4	73.4	73.8	0.3	76.9
CC	at-grade	65.8	66.3	0.5	69.4	65.8	66.3	0.5	69.4	66.0	66.7	0.7	69.8	66.0	67.0	1.1	70.1	66.0	69.5	3.6	72.6	66.0	69.2	3.3	72.3
CC	3	65.2	66.2	1.0	69.3	65.2	66.2	1.0	69.3	65.5	67.6	2.1	70.7	65.5	67.4	1.9	70.5	65.4	72.6	7.2	75.7	65.4	72.3	6.9	75.4
CC	top floor	64.1	65.9	1.8	69.0	64.1	66.1	2.0	69.2	64.5	68.3	3.8	71.4	64.5	67.2	2.7	70.3	64.4	72.9	8.6	76.0	64.4	72.8	8.4	75.9
DD	at-grade	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5
DD	3	60.6	60.6	0.0	62.5	60.6	60.6	0.0	62.5	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.6	0.0	62.5
DD	5	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.5	0.3	61.4	59.2	59.8	0.6	61.7	59.2	59.2	0.0	61.1
DD	10	57.4	58.9	1.5	60.8	57.4	59.6	2.2	61.5	57.5	60.7	3.2	62.6	57.5	60.4	2.9	62.3	57.4	59.4	2.0	61.3	57.4	58.0	0.6	59.9
DD	top floor	57.7	59.9	2.1	61.8	57.7	60.5	2.8	62.4	57.9	62.2	4.2	64.1	57.9	61.3	3.4	63.2	57.7	60.4	2.7	62.3	57.7	58.9	1.2	60.8
EE	at-grade	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8
EE	3	65.1	65.1	0.0	67.0	65.1	65.1	0.0	67.0	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.1	0.0	67.0
EE	5	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.8	0.2	65.7	63.6	63.9	0.3	65.8	63.6	63.6	0.0	65.5
EE	top floor	61.7	62.1	0.4	64.0	61.7	62.3	0.5	64.2	61.7	62.5	0.7	64.4	61.7	63.1	1.3	65.0	61.7	62.6	0.9	64.5	61.7	61.8	0.1	63.7
FF	at-grade	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	66.7	4.4	68.6	62.3	66.7	4.4	68.6
FF	3	62.5	62.8	0.3	64.7	62.5	62.8	0.4	64.7	62.5	62.9	0.4	64.8	62.5	62.9	0.5	64.8	62.5	68.8	6.4	70.7	62.5	68.8	6.4	70.7
FF	top floor	61.9	62.5	0.6	64.4	61.9	62.7	0.8	64.6	61.9	62.7	0.8	64.6	61.9	62.5	0.7	64.4	61.9	70.3	8.4	72.2	61.9	70.0	8.2	71.9

Construction Noise Results (Weekdays)

SCENARIO B

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
X1	at-grade	67.1	68.6	1.4	71.2	67.1	68.1	1.0	70.7	67.2	70.5	3.3	73.1	67.2	71.5	4.3	74.1	67.2	71.5	4.2	74.1	67.2	69.7	2.4	72.3
X1	top floor	67.7	72.3	4.6	74.9	67.7	69.0	1.3	71.6	67.7	75.8	8.1	78.4	67.7	74.5	6.8	77.1	67.7	75.6	7.8	78.2	67.7	71.8	4.0	74.4
X2	at-grade	63.2	66.0	2.7	68.6	63.2	65.3	2.1	67.9	63.3	71.6	8.3	74.2	63.3	69.6	6.3	72.2	63.3	67.7	4.4	70.3	63.3	67.8	4.5	70.4
X2	top floor	62.6	70.1	7.4	72.7	62.6	65.9	3.2	68.5	62.7	77.4	14.7	80.0	62.7	72.3	9.6	74.9	62.7	68.9	6.2	71.5	62.7	69.5	6.8	72.1
X3	at-grade	62.5	64.1	1.6	66.7	62.5	64.1	1.6	66.7	62.5	68.0	5.5	70.6	62.5	66.4	3.9	69.0	62.5	64.8	2.2	67.4	62.5	68.0	5.4	70.6
X3	3	61.7	64.2	2.5	66.8	61.7	63.9	2.2	66.5	61.7	72.8	11.1	75.4	61.7	67.5	5.7	70.1	61.7	65.2	3.5	67.8	61.7	70.4	8.7	73.0
X3	5	60.3	63.9	3.6	66.5	60.3	62.9	2.6	65.5	60.3	74.3	13.9	76.9	60.3	68.9	8.6	71.5	60.3	64.7	4.4	67.3	60.3	72.8	12.5	75.4
X3	top floor	59.3	63.6	4.2	66.2	59.3	62.3	3.0	64.9	59.4	74.1	14.7	76.7	59.4	68.8	9.4	71.4	59.3	64.8	5.5	67.4	59.3	72.3	13.0	74.9
X4	at-grade	62.8	64.3	1.5	66.9	62.8	64.1	1.3	66.7	62.8	67.2	4.4	69.8	62.8	66.1	3.3	68.7	62.8	64.9	2.0	67.5	62.8	67.3	4.5	69.9
X4	top floor	62.7	64.5	1.8	67.1	62.7	64.1	1.4	66.7	62.7	68.7	6.0	71.3	62.7	67.1	4.4	69.7	62.7	65.3	2.6	67.9	62.7	68.7	6.0	71.3
X5	at-grade	63.5	64.9	1.3	67.5	63.5	64.8	1.2	67.4	63.6	67.2	3.7	69.8	63.6	66.2	2.6	68.8	63.6	65.3	1.7	67.9	63.6	67.1	3.5	69.7
X5	top floor	63.4	65.2	1.8	67.8	63.4	64.9	1.5	67.5	63.6	68.7	5.1	71.3	63.6	67.0	3.4	69.6	63.5	65.7	2.2	68.3	63.5	68.0	4.5	70.6
X6	at-grade	64.6	65.5	0.9	68.1	64.6	65.5	0.9	68.1	64.6	67.2	2.6	69.8	64.6	66.5	1.8	69.1	64.6	66.0	1.3	68.6	64.6	67.0	2.4	69.6
X6	top floor	64.6	65.8	1.2	68.4	64.6	65.6	1.0	68.2	64.6	68.2	3.5	70.8	64.6	67.1	2.4	69.7	64.6	66.3	1.7	68.9	64.6	67.5	2.9	70.1
X7	at-grade	61.8	62.7	0.9	65.3	61.8	62.9	1.1	65.5	61.9	67.7	5.8	70.3	61.9	65.0	3.1	67.6	61.9	62.8	0.9	65.4	61.9	68.6	6.6	71.2
X7	3	61.9	63.0	1.2	65.6	61.9	63.0	1.1	65.6	62.0	70.8	8.8	73.4	62.0	68.1	6.1	70.7	61.9	63.6	1.7	66.2	61.9	73.8	11.9	76.4
X7	top floor	60.9	62.3	1.4	64.9	60.9	62.1	1.2	64.7	61.8	70.6	8.8	73.2	61.8	68.0	6.2	70.6	61.0	62.9	2.0	65.5	61.0	73.4	12.4	76.0
X8	at-grade	62.6	63.7	1.1	66.3	62.6	63.6	1.0	66.2	62.7	67.4	4.7	70.0	62.7	65.4	2.7	68.0	62.6	63.5	0.9	66.1	62.6	67.4	4.8	70.0
X8	3	62.5	63.7	1.2	66.3	62.5	63.5	1.0	66.1	62.6	69.5	6.9	72.1	62.6	67.4	4.8	70.0	62.5	64.2	1.7	66.8	62.5	70.5	7.9	73.1
X8	top floor	61.8	63.0	1.2	65.6	61.8	62.7	1.0	65.3	62.2	69.2	7.1	71.8	62.2	67.3	5.1	69.9	61.8	63.8	2.1	66.4	61.8	71.1	9.4	73.7
X9	at-grade	63.1	64.1	0.9	66.7	63.1	63.9	0.8	66.5	63.2	66.8	3.7	69.4	63.2	65.6	2.4	68.2	63.2	64.0	0.8	66.6	63.2	66.9	3.7	69.5
X9	3	63.1	64.1	0.9	66.7	63.1	64.0	0.8	66.6	63.2	68.8	5.6	71.4	63.2	66.7	3.5	69.3	63.2	64.6	1.4	67.2	63.2	68.4	5.2	71.0
X9	top floor	62.5	63.5	1.0	66.1	62.5	63.3	0.8	65.9	62.7	68.5	5.7	71.1	62.7	66.7	4.0	69.3	62.6	64.2	1.6	66.8	62.6	69.9	7.3	72.5
X10	at-grade	64.1	64.8	0.7	67.4	64.1	64.7	0.6	67.3	64.1	66.6	2.4	69.2	64.1	65.6	1.5	68.2	64.1	64.7	0.6	67.3	64.1	66.6	2.5	69.2
X10	3	64.3	64.9	0.6	67.5	64.3	64.9	0.6	67.5	64.3	68.0	3.6	70.6	64.3	66.5	2.2	69.1	64.3	65.3	1.0	67.9	64.3	67.5	3.2	70.1
X10	top floor	63.9	64.5	0.6	67.1	63.9	64.5	0.6	67.1	63.9	67.9	4.0	70.5	63.9	66.7	2.8	69.3	63.8	65.2	1.4	67.8	63.8	68.7	4.9	71.3
X11	at-grade	54.6	55.3	0.7	57.9	54.6	59.4	4.7	62.0	54.7	62.6	7.9	65.2	54.7	61.8	7.1	64.4	54.7	56.6	1.9	59.2	54.7	56.1	1.4	58.7
X11	3	55.7	56.6	0.9	59.2	55.7	61.9	6.2	64.5	55.8	67.2	11.4	69.8	55.8	68.8	13.0	71.4	55.8	60.5	4.7	63.1	55.8	57.2	1.3	59.8
X11	top floor	57.8	59.4	1.6	62.0	57.8	68.9	11.0	71.5	57.9	73.9	16.0	76.5	57.9	71.9	14.0	74.5	57.9	63.5	5.6	66.1	57.9	58.7	0.8	61.3
X12	at-grade	54.6	55.2	0.5	57.8	54.6	56.3	1.7	58.9	54.7	58.5	3.8	61.1	54.7	57.2	2.5	59.8	54.7	55.5	0.8	58.1	54.7	55.5	0.8	58.1
X12	3	56.3	57.3	1.0	59.9	56.3	58.1	1.8	60.7	56.4	59.9	3.6	62.5	56.4	58.7	2.3	61.3	56.4	57.2	0.8	59.8	56.4	57.0	0.6	59.6
X12	top floor	60.7	61.0	0.3	63.6	60.7	62.3	1.6	64.9	60.8	63.6	2.9	66.2	60.8	65.4	4.6	68.0	60.8	61.6	0.8	64.2	60.8	61.0	0.2	63.6
X13	at-grade	54.6	55.7	1.0	58.3	54.6	57.8	3.1	60.4	54.7	58.3	3.7	60.9	54.7	57.9	3.2	60.5	54.7	57.3	2.6	59.9	54.7	55.3	0.6	57.9
X13	3	56.2	59.0	2.8	61.6	56.2	60.8	4.6	63.4	56.3	61.5	5.3	64.1	56.3	60.9	4.6	63.5	56.3	60.9	4.6	63.5	56.3	58.0	1.7	60.6
X13	top floor	59.9	61.4	1.5	64.0	59.9	63.6	3.7	66.2	60.0	64.1	4.1	66.7	60.0	64.6	4.6	67.2	60.0	63.8	3.8	66.4	60.0	60.8	0.8	63.4
I1	at-grade	64.8	70.5	5.7	73.0	64.8	70.7	5.9	73.2	64.8	70.8	6.1	73.3	64.8	69.2	4.5	71.7	64.8	70.5	5.7	73.0	64.8	69.8	5.0	72.3
I1	3	63.4	73.6	10.2	76.1	63.4	73.5	10.1	76.0	63.4	74.8	11.4	77.3	63.4	72.1	8.7	74.6	63.4	76.4	13.0	78.9	63.4	75.8	12.4	78.3
I1	top floor	62.0	75.0	13.1	77.5	62.0	74.6	12.7	77.1	61.9	75.6	13.7	78.1	61.9	73.2	11.4	75.7	61.9	76.4	14.4	78.9	61.9	75.6	13.7	78.1
I2	at-grade	63.3	66.1	2.8	68.6	63.3	66.5	3.2	69.0	63.3	67.9	4.6	70.4	63.3	69.3	6.0	71.8	63.3	70.4	7.1	72.9	63.3	69.3	6.0	71.8
I2	3	61.7	66.8	5.1	69.3	61.7	67.0	5.3	69.5	61.7	70.9	9.1	73.4	61.7	74.4	12.7	76.9	61.7	76.2	14.4	78.7	61.7	76.5	14.8	79.0
I2	5	60.0	67.8	7.8	70.3	60.0	67.5	7.5	70.0	60.0	71.3	11.3	73.8	60.0	75.1	15.1	77.6	60.0	76.7	16.7	79.2	60.0	75.5	15.5	78.0
I2	top floor	58.9	67.5	8.5	70.0	58.9	67.0	8.1	69.5	58.8	71.0	12.1	73.5	58.8	74.1	15.3	76.6	58.8	75.6	16.8	78.1	58.8	74.1	15.3	76.6
I3	at-grade	61.6	63.9	2.3	66.4	61.6	64.0	2.4	66.5	61.6	65.1	3.5	67.6	61.6	65.8	4.2	68.3	61.6	66.6	5.0	69.1	61.6	65.7	4.1	68.2
I3	3	61.2	64.6	3.4	67.1	61.2	64.5	3.3	67.0	61.2	67.4	6.2	69.9	61.2	67.3	6.1	69.8	61.2	68.4	7.2	70.9	61.2	67.5	6.3	70.0
I3	5	60.0	65.1	5.1	67.6	60.0	64.7	4.7	67.2	60.0	66.2	6.2	68.7	60.0	69.2	9.2	71.7	60.0	70.6	10.6	73.1	60.0	69.5	9.5	72.0
I3	top floor	59.1	64.7	5.6	67.2	59.1	64.3	5.3	66.8	59.0	67.1	8.1	69.6	59.0	68.9	9.9	71.4	59.0	70.2	11.2	72.7	59.0	69.1	10.0	71.6
I4	at-grade	62.0	63.9	1.9	66.4	62.0	64.0	1.9	66.5	62.0	65.0	3.0	67.5	62.0	65.4	3.4	67.9	62.0	66.1	4.1	68.6	62.0	65.3	3.3	67.8
I4	3	61.7	64.5	2.8	67.0	61.7	64.4	2.7	66.9	61.6	66.5	4.9	69.0	61.6	66.4	4.8	68.9	61.6	67.3	5.7	69.8	61.6	66.4	4.8	68.9
I4	5	60.5	64.7	4.2	67.2	60.5	64.3	3.8	66.8	60.4	65.4	5.0	67.9	60.4	67.9	7.5	70.4	60.4	69.2	8.8	71.7	60.4	68.1	7.7	70.6
I4	top floor	59.7	64.3	4.6	66.8	59.7	63.9	4.2	66.4	59.5	66.3	6.8	68.8	59.5	67.5	8.0	70.0	59.5	68.9	9.4	71.4	59.5	67.7	8.2	70.2
I5	at-grade	62.0	63.6	1.6	66.1	62.0	63.6	1.6	66.1	62.1	64.5	2.4	67.0	62.1	64.9	2.8	67.4	62.1	65.5	3.4	68.0	62.1	64.7	2.6	67.2
I5	3	62.0	64.3	2.3	66.8	62.0	64.2	2.3	66.7	62.0	65.9	4.0	68.4	62.0	65.6	3.7	68.1	62.0	66.4	4.4	68.9	62.0	65.6	3.6	68.1
I5	top floor	61.0	64.3	3.3	66.8	61.0	64.0	3.0	66.5	61.0	64.8	3.8	67.3	61.0	66.9	5.9	69.4	61.0	68.0	7.0	70.5	61.0	66.9	5.9	69.4
I6	at-grade	60.8	61.9	1.1	64.4	60.8	62.4	1.6	64.9	60.8	63.2	2.4	65.7	60.8	63.7	2.9	66.2	60.8	64.3	3.5	66.8	60.8	64.2	3.4	66.7
I6	3	60.5	62.3	1.8	64.8	60.5	62.6	2.1	65.1	60.5	64.1	3.6	66.6	60.5	64.9	4.4	67.4	60.5	65.7	5.2	68.2	60.5	65.5	5.0	68.0

Construction Noise Results (Weekdays) **SCENARIO B**

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
I6	5	59.2	61.3	2.0	63.8	59.2	61.6	2.4	64.1	59.2	63.3	4.1	65.8	59.2	64.2	5.0	66.7	59.2	65.2	6.0	67.7	59.2	64.8	5.6	67.3
I6	10	56.4	59.2	2.8	61.7	56.4	59.4	2.9	61.9	56.4	61.8	5.4	64.3	56.4	62.8	6.3	65.3	56.4	63.7	7.3	66.2	56.4	63.0	6.6	65.5
I6	top floor	55.4	58.6	3.1	61.1	55.4	58.8	3.4	61.3	55.4	61.3	5.9	63.8	55.4	62.1	6.6	64.6	55.4	63.0	7.6	65.5	55.4	62.1	6.6	64.6
I7	at-grade	61.0	62.3	1.3	64.8	61.0	62.4	1.4	64.9	61.0	64.3	3.3	66.8	61.0	64.3	3.3	66.8	61.0	64.8	3.8	67.3	61.0	65.1	4.1	67.6
I7	3	60.6	63.0	2.4	65.5	60.6	63.1	2.5	65.6	60.6	66.3	5.7	68.8	60.6	66.1	5.5	68.6	60.6	66.6	6.0	69.1	60.6	67.2	6.6	69.7
I7	top floor	59.4	62.0	2.6	64.5	59.4	62.1	2.7	64.6	59.4	66.0	6.6	68.5	59.4	65.8	6.4	68.3	59.4	66.5	7.1	69.0	59.4	66.8	7.4	69.3
I8	at-grade	63.5	64.6	1.1	67.1	63.5	64.6	1.1	67.1	63.5	65.2	1.7	67.7	63.5	65.6	2.1	68.1	63.5	66.0	2.5	68.5	63.5	65.5	2.0	68.0
I8	3	62.9	65.3	2.4	67.8	62.9	65.1	2.2	67.6	62.9	66.4	3.5	68.9	62.9	66.4	3.5	68.9	62.9	67.1	4.2	69.6	62.9	66.1	3.2	68.6
I8	top floor	61.9	64.4	2.5	66.9	61.9	64.3	2.4	66.8	61.9	65.8	3.9	68.3	61.9	66.6	4.7	69.1	61.9	67.5	5.6	70.0	61.9	66.5	4.6	69.0
I9	at-grade	54.7	58.0	3.3	60.5	54.7	61.9	7.3	64.4	54.7	65.5	10.8	68.0	54.7	63.7	9.0	66.2	54.7	59.6	4.9	62.1	54.7	56.5	1.8	59.0
I9	3	56.6	61.8	5.3	64.3	56.6	63.8	7.2	66.3	57.1	69.7	12.6	72.2	57.1	70.5	13.4	73.0	56.7	63.3	6.7	65.8	56.7	59.3	2.6	61.8
I9	5	60.9	63.5	2.5	66.0	60.9	64.5	3.5	67.0	61.1	71.6	10.5	74.1	61.1	70.7	9.6	73.2	60.9	64.2	3.3	66.7	60.9	61.6	0.7	64.1
I9	10	69.1	69.6	0.5	72.1	69.1	69.7	0.5	72.2	69.2	73.2	4.0	75.7	69.2	73.3	4.1	75.8	69.2	69.9	0.7	72.4	69.2	69.3	0.2	71.8
I9	top floor	73.0	73.2	0.2	75.7	73.0	73.2	0.2	75.7	73.0	75.3	2.3	77.8	73.0	75.7	2.7	78.2	73.0	73.4	0.4	75.9	73.0	73.1	0.1	75.6
I10	at-grade	54.6	55.2	0.6	57.7	54.6	56.5	1.9	59.0	54.7	57.1	2.5	59.6	54.7	56.2	1.5	58.7	54.7	55.9	1.2	58.4	54.7	55.2	0.5	57.7
I10	3	56.5	57.2	0.7	59.7	56.5	58.4	1.9	60.9	56.6	58.8	2.2	61.3	56.6	59.0	2.4	61.5	56.6	58.2	1.6	60.7	56.6	57.0	0.4	59.5
I10	top floor	59.7	60.1	0.3	62.6	59.7	60.5	0.8	63.0	60.0	61.6	1.6	64.1	60.0	61.3	1.3	63.8	59.8	60.5	0.7	63.0	59.8	60.0	0.2	62.5
I11	at-grade	54.6	56.0	1.4	58.5	54.6	56.5	1.9	59.0	54.6	58.9	4.3	61.4	54.6	58.8	4.2	61.3	54.6	57.3	2.7	59.8	54.6	55.2	0.6	57.7
I11	3	56.4	58.8	2.4	61.3	56.4	58.8	2.4	61.3	56.4	62.2	5.8	64.7	56.4	62.8	6.4	65.3	56.4	59.6	3.2	62.1	56.4	57.4	1.1	59.9
I11	top floor	59.6	61.1	1.5	63.6	59.6	60.5	0.9	63.0	59.6	64.6	4.9	67.1	59.6	64.6	4.9	67.1	59.6	61.5	1.9	64.0	59.6	59.9	0.3	62.4
A1	at-grade	72.5	73.0	0.5	76.0	72.5	72.9	0.4	75.9	72.6	73.3	0.7	76.3	72.6	73.0	0.4	76.0	72.4	74.4	2.0	77.4	72.4	74.3	1.9	77.3

Construction Noise Results (Weekdays)

SCENARIO B (Alternative)

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
A	at-grade	71.3	71.5	0.1	74.5	71.3	71.8	0.4	74.8	71.4	71.5	0.1	74.5	71.4	71.5	0.1	74.5	71.4	71.7	0.3	74.7	71.4	71.7	0.3	74.7
A	3	71.0	71.2	0.2	74.2	71.0	71.7	0.7	74.7	71.0	71.3	0.3	74.3	71.0	71.3	0.3	74.3	71.0	71.8	0.8	74.8	71.0	71.6	0.6	74.6
A	5	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.0	0.4	73.0	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.5	0.9	73.5
A	10	67.8	68.2	0.5	71.2	67.8	69.0	1.3	72.0	67.6	68.2	0.6	71.2	67.6	68.0	0.4	71.0	67.6	69.2	1.6	72.2	67.6	69.0	1.4	72.0
A	top floor	66.1	67.1	1.0	70.1	66.1	67.8	1.6	70.8	65.9	66.7	0.8	69.7	65.9	66.6	0.7	69.6	65.9	68.2	2.3	71.2	65.9	67.8	1.9	70.8
B	at-grade	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.1	0.1	73.1	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0
B	3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.2	0.1	73.2	70.1	70.2	0.1	73.2
B	5	68.8	69.0	0.2	72.0	68.8	69.1	0.3	72.1	68.8	69.1	0.3	72.1	68.8	69.0	0.2	72.0	68.8	69.0	0.2	72.0	68.8	68.9	0.1	71.9
B	10	66.4	66.9	0.4	69.9	66.4	66.8	0.4	69.8	66.4	67.2	0.8	70.2	66.4	66.8	0.4	69.8	66.4	66.6	0.2	69.6	66.4	66.6	0.2	69.6
B	top floor	64.6	65.7	1.0	68.7	64.6	65.2	0.6	68.2	64.6	66.4	1.8	69.4	64.6	65.6	1.0	68.6	64.6	64.9	0.3	67.9	64.6	64.8	0.2	67.8
C	at-grade	73.1	73.2	0.0	76.2	73.1	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2
C	3	73.5	73.6	0.0	76.6	73.5	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.7	0.1	76.7	73.6	73.6	0.0	76.6
C	5	72.6	72.7	0.0	75.7	72.6	72.7	0.1	75.7	72.7	72.7	0.0	75.7	72.7	72.7	0.0	75.7	72.7	72.8	0.1	75.8	72.7	72.8	0.1	75.8
C	10	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.4	0.2	73.4	70.2	70.3	0.1	73.3
C	15	68.7	68.8	0.1	71.8	68.7	68.8	0.1	71.8	68.7	68.7	0.1	71.7	68.7	68.7	0.1	71.7	68.7	68.9	0.2	71.9	68.7	68.8	0.1	71.8
C	top floor	67.7	67.8	0.1	70.8	67.7	67.8	0.1	70.8	67.7	67.8	0.2	70.8	67.7	67.8	0.2	70.8	67.7	68.2	0.5	71.2	67.7	67.9	0.2	70.9
D	at-grade	74.3	74.5	0.2	77.5	74.3	74.5	0.1	77.5	74.4	74.9	0.4	77.9	74.4	75.3	0.9	78.3	74.4	75.7	1.3	78.7	74.4	75.0	0.7	78.0
D	3	74.5	74.9	0.4	77.9	74.5	74.8	0.3	77.8	74.7	76.0	1.3	79.0	74.7	76.4	1.7	79.4	74.5	77.0	2.5	80.0	74.5	75.8	1.3	78.8
D	top floor	73.5	74.4	0.9	77.4	73.5	73.9	0.3	76.9	73.8	76.1	2.3	79.1	73.8	76.8	3.0	79.8	73.5	77.8	4.3	80.8	73.5	75.8	2.3	78.8
E	at-grade	73.1	73.2	0.1	76.2	73.1	73.2	0.1	76.2	72.1	72.3	0.2	75.3	72.1	72.5	0.4	75.5	71.9	72.3	0.4	75.3	71.9	72.0	0.1	75.0
E	3	73.9	74.0	0.1	77.0	73.9	74.0	0.1	77.0	72.6	73.1	0.4	76.1	72.6	73.3	0.6	76.3	72.2	72.9	0.7	75.9	72.2	72.4	0.2	75.4
E	top floor	73.1	73.3	0.2	76.3	73.1	73.2	0.1	76.2	72.0	72.7	0.7	75.7	72.0	72.8	0.9	75.8	71.4	72.4	1.0	75.4	71.4	71.7	0.3	74.7
F	at-grade	71.3	71.3	0.0	74.3	71.3	71.3	0.0	74.3	71.3	71.4	0.1	74.4	71.3	71.5	0.2	74.5	71.3	71.5	0.2	74.5	71.3	71.3	0.1	74.3
F	3	71.5	71.6	0.1	74.6	71.5	71.6	0.1	74.6	71.5	71.6	0.2	74.6	71.5	71.8	0.3	74.8	71.4	71.6	0.3	74.6	71.4	71.5	0.1	74.5
F	5	70.4	70.6	0.1	73.6	70.4	70.5	0.1	73.5	70.5	70.8	0.2	73.8	70.5	71.0	0.5	74.0	70.3	70.7	0.4	73.7	70.3	70.4	0.1	73.4
F	top floor	69.5	69.7	0.2	72.7	69.5	69.6	0.1	72.6	69.6	70.0	0.4	73.0	69.6	70.2	0.6	73.2	69.4	69.9	0.5	72.9	69.4	69.5	0.1	72.5
G	at-grade	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1
G	3	73.0	73.0	0.0	76.0	73.0	73.0	0.0	76.0	72.9	72.9	0.0	75.9	72.9	72.9	0.0	75.9	72.9	73.0	0.1	76.0	72.9	72.9	0.0	75.9
G	top floor	71.7	71.8	0.0	74.8	71.7	71.8	0.0	74.8	71.6	71.6	0.0	74.6	71.6	71.7	0.1	74.7	71.6	71.7	0.1	74.7	71.6	71.6	0.0	74.6
H	at-grade	65.0	65.9	0.8	68.4	65.0	65.8	0.8	68.3	65.1	66.2	1.2	68.7	65.1	66.4	1.3	68.9	65.1	66.7	1.6	69.2	65.1	66.4	1.3	68.9
H	3	63.9	65.2	1.3	67.7	63.9	65.1	1.2	67.6	64.0	66.3	2.3	68.8	64.0	66.0	2.0	68.5	64.0	66.5	2.4	69.0	64.0	65.9	1.9	68.4
H	5	62.6	64.6	2.0	67.1	62.6	64.4	1.8	66.9	62.7	65.1	2.5	67.6	62.7	66.1	3.4	68.6	62.7	67.0	4.2	69.5	62.7	65.9	3.2	68.4
H	10	60.2	63.2	2.9	65.7	60.2	62.9	2.7	65.4	60.3	64.5	4.3	67.0	60.3	65.0	4.7	67.5	60.3	66.0	5.7	68.5	60.3	64.8	4.5	67.3
H	15	60.5	63.3	2.8	65.8	60.5	63.2	2.7	65.7	60.5	64.7	4.2	67.2	60.5	65.2	4.7	67.7	60.5	66.3	5.8	68.8	60.5	64.6	4.1	67.1
H	top floor	60.5	63.2	2.8	65.7	60.5	63.1	2.6	65.6	60.5	64.6	4.1	67.1	60.5	65.7	5.2	68.2	60.2	66.5	6.3	69.0	60.2	64.2	4.0	66.7
I	at-grade	64.6	68.8	4.2	71.3	64.6	69.8	5.2	72.3	64.6	71.9	7.3	74.4	64.6	70.9	6.3	73.4	64.6	71.6	7.0	74.1	64.6	69.5	4.9	72.0
I	3	62.6	72.7	10.0	75.2	62.6	72.9	10.3	75.4	62.6	77.7	15.1	80.2	62.6	77.6	15.0	80.1	62.6	76.4	13.8	80.9	62.6	74.8	12.2	77.3
I	top floor	60.8	73.3	12.4	75.8	60.8	72.7	11.9	75.2	60.8	78.1	17.3	80.6	60.8	77.0	16.2	79.5	60.8	77.9	17.1	80.4	60.8	74.5	13.7	77.0
J	at-grade	67.7	71.4	3.7	73.9	67.7	71.2	3.5	73.7	67.8	70.1	2.3	72.6	67.8	69.5	1.7	72.0	67.8	69.9	2.1	72.4	67.8	69.7	1.9	72.2
J	3	67.2	75.2	8.1	77.7	67.2	75.2	8.1	77.7	67.2	71.6	4.4	74.1	67.2	71.4	4.3	73.9	67.2	72.0	4.8	74.5	67.2	72.0	4.8	74.5
J	5	65.8	74.2	8.4	76.7	65.8	74.4	8.6	76.9	65.8	72.1	6.4	74.6	65.8	71.2	5.5	73.7	65.8	71.5	5.7	74.0	65.8	71.4	5.6	73.9
J	10	63.7	72.2	8.6	74.7	63.7	72.6	8.9	75.1	63.5	71.5	8.0	74.0	63.5	70.6	7.1	73.1	63.5	70.9	7.4	73.4	63.5	70.2	6.7	72.7
J	top floor	62.7	70.7	7.9	73.2	62.7	70.9	8.2	73.4	61.8	70.7	8.9	73.2	61.8	71.5	9.7	74.0	61.6	72.0	10.4	74.5	61.6	69.1	7.5	71.6
K	at-grade	66.6	68.8	2.2	71.1	66.6	68.8	2.2	71.1	66.7	69.6	2.9	71.9	66.7	69.3	2.7	71.6	66.7	70.0	3.3	72.3	66.7	69.8	3.1	72.1
K	3	67.5	71.5	3.9	73.8	67.5	72.1	4.5	74.4	67.7	72.9	5.3	75.2	67.7	72.4	4.8	74.7	67.6	72.3	4.7	74.6	67.6	72.1	4.4	74.4
K	top floor	67.1	72.3	5.2	74.6	67.1	72.3	5.2	74.6	67.5	73.7	6.2	76.0	67.5	73.2	5.7	75.5	67.4	72.5	5.1	74.8	67.4	72.1	4.8	74.4
L	at-grade	64.8	65.3	0.4	68.4	64.8	65.3	0.5	68.4	64.9	65.5	0.6	68.6	64.9	65.7	0.8	68.8	64.9	66.4	1.5	69.5	64.9	66.1	1.2	69.2
L	3	64.4	64.9	0.5	68.0	64.4	64.8	0.5	67.9	64.5	65.3	0.8	68.4	64.5	65.7	1.1	68.8	64.5	66.9	2.5	70.0	64.5	66.5	2.1	69.6
L	top floor	63.0	63.8	0.8	66.9	63.0	63.8	0.9	66.9	63.1	64.3	1.3	67.4	63.1	64.8	1.7	67.9	63.1	66.5	3.4	69.6	63.1	65.9	2.8	69.0
M	at-grade	62.7	63.2	0.5	66.3	62.7	63.2	0.5	66.3	62.8	63.3	0.5	66.4	62.8	63.5	0.7	66.6	62.8	63.9	1.1	67.0	62.8	63.7	0.9	66.8
M	3	62.0	62.5	0.5	65.6	62.0	62.5	0.5	65.6	62.1	62.7	0.6	65.8	62.1	63.1	1.0	66.2	62.1	63.9	1.8	67.0	62.1	63.4	1.3	66.5
M	5	60.3	60.9	0.6	64.0	60.3	60.9	0.6	64.0	60.4	61.4	1.0	64.5	60.4	62.0	1.6	65.1	60.4	63.2	2.8	66.3	60.4	62.5	2.1	65.6
M	10	57.0	58.9	1.9	62.0	57.0	58.5	1.5	61.6	57.5	60.1	2.6	63.2	57.5	61.2	3.7	64.3	57.7	62.7	5.0	65.8	57.7	61.5	3.8	64.6
M	15	55.4	58.2	2.8	61.3	55.4	57.4	1.9	60.5	57.2	61.2	4.0	64.3	57.2	61.6	4.4	64.7	56.6	62.8	6.2	65.9	56.6	61.3	4.7	64.4
M	top floor	56.4	59.2	2.8	62.3	56.4	58.3	1.9	61.4	57.8	61.7	3.9	64.8	57.8	62.0	4.2	65.1	57.3	63.6	6.4	66.7	57.3	61.9	4.6	65.0

Construction Noise Results (Weekdays)

SCENARIO B (Alternative)

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
N	at-grade	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0	67.7	68.0	0.3	71.1	67.7	68.0	0.2	71.1	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0
N	3	67.1	67.4	0.3	70.5	67.1	67.4	0.3	70.5	67.2	67.6	0.4	70.7	67.2	67.5	0.3	70.6	67.2	67.4	0.3	70.5	67.2	67.4	0.2	70.5
N	top floor	65.8	66.1	0.3	69.2	65.8	66.1	0.3	69.2	66.0	66.5	0.5	69.6	66.0	66.4	0.5	69.5	65.9	66.3	0.4	69.4	65.9	66.1	0.2	69.2
O	at-grade	63.9	64.8	0.9	67.2	63.9	64.2	0.3	66.6	63.9	65.2	1.3	67.6	63.9	65.0	1.1	67.4	63.9	64.1	0.2	66.5	63.9	64.1	0.2	66.5
O	3	63.0	64.5	1.5	66.9	63.0	63.4	0.4	65.8	63.0	65.4	2.4	67.8	63.0	64.9	1.9	67.3	63.0	63.3	0.3	65.7	63.0	63.2	0.2	65.6
O	top floor	61.8	65.2	3.4	67.6	61.8	62.3	0.5	64.7	61.8	66.6	4.8	69.0	61.8	65.7	3.9	68.1	61.8	62.1	0.3	64.5	61.8	62.1	0.2	64.5
P	at-grade	67.4	68.0	0.6	70.4	67.4	67.6	0.2	70.0	67.4	68.6	1.2	71.0	67.4	68.1	0.7	70.5	67.4	67.5	0.1	69.9	67.4	67.5	0.1	69.9
P	10	55.8	58.1	2.3	60.5	55.8	57.2	1.3	59.6	56.0	58.2	2.2	60.6	56.0	58.7	2.7	61.1	55.1	58.9	3.9	61.3	55.1	56.6	1.6	59.0
P	15	62.9	64.4	1.5	66.8	62.9	64.0	1.1	66.4	62.9	64.3	1.4	66.7	62.9	64.2	1.3	66.6	62.8	64.8	2.1	67.2	62.8	63.6	0.8	66.0
P	top floor	63.5	66.3	2.8	68.7	63.5	65.2	1.7	67.6	63.7	67.2	3.5	69.6	63.7	66.7	3.0	69.1	63.4	65.8	2.4	68.2	63.4	64.2	0.8	66.6
Q	at-grade	64.2	64.3	0.1	66.6	64.2	64.3	0.1	66.6	64.2	64.5	0.3	66.8	64.2	64.4	0.2	66.7	64.2	64.3	0.1	66.6	64.2	64.2	0.0	66.5
Q	3	63.6	63.9	0.3	66.2	63.6	63.8	0.2	66.1	63.6	64.2	0.6	66.5	63.6	64.0	0.4	66.3	63.6	63.7	0.1	66.0	63.6	63.7	0.0	66.0
Q	5	62.3	62.8	0.5	65.1	62.3	62.6	0.3	64.9	62.3	63.2	0.9	65.5	62.3	62.9	0.6	65.2	62.3	62.7	0.4	65.0	62.3	62.4	0.1	64.7
Q	10	59.5	61.3	1.7	63.6	59.5	61.2	1.7	63.5	59.5	62.7	3.2	65.0	59.5	61.3	1.8	63.6	59.5	61.9	2.4	64.2	59.5	59.7	0.2	62.0
Q	15	58.2	60.6	2.4	62.9	58.2	60.4	2.2	62.7	58.3	62.6	4.3	64.9	58.3	61.2	2.9	63.5	58.1	62.3	4.2	64.6	58.1	58.7	0.6	61.0
Q	top floor	57.6	60.8	3.1	63.1	57.6	60.3	2.6	62.6	57.4	62.1	4.7	64.4	57.4	61.6	4.2	63.9	57.4	63.1	5.7	65.4	57.4	59.0	1.6	61.3
R	at-grade	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4	70.9	71.0	0.1	74.5	70.9	71.0	0.1	74.5	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4
R	3	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8
R	5	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4
R	10	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.9	0.2	69.4	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.8	0.1	69.3
R	top floor	63.3	63.5	0.2	67.0	63.3	63.4	0.1	66.9	63.3	63.7	0.4	67.2	63.3	63.6	0.3	67.1	63.3	63.4	0.1	66.9	63.3	63.4	0.1	66.9
S	at-grade	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.9	0.2	74.4	70.7	70.8	0.1	74.3
S	3	70.3	70.5	0.2	74.0	70.3	70.4	0.1	73.9	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0
S	5	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.4	0.4	72.9	69.0	69.5	0.5	73.0	69.0	69.3	0.3	72.8
S	10	66.1	66.6	0.5	70.1	66.1	66.5	0.4	70.0	66.2	67.0	0.8	70.5	66.2	67.0	0.8	70.5	66.1	67.3	1.2	70.8	66.1	66.9	0.8	70.4
S	top floor	64.8	65.4	0.6	68.9	64.8	65.3	0.6	68.8	64.9	66.0	1.1	69.5	64.9	66.1	1.1	69.6	64.7	66.4	1.7	69.9	64.7	65.7	1.0	69.2
T	at-grade	68.8	68.8	0.0	72.3	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3
T	3	68.6	68.7	0.0	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.6	0.0	72.1
T	top floor	66.3	66.4	0.1	69.9	66.3	66.4	0.1	69.9	66.3	66.6	0.3	70.1	66.3	66.8	0.4	70.3	66.3	66.7	0.4	70.2	66.3	66.4	0.1	69.9
U	at-grade	69.0	69.1	0.1	72.6	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.1	0.1	72.6
U	3	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	69.1	0.4	72.6	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	68.9	0.2	72.4
U	top floor	67.5	67.7	0.2	71.2	67.5	67.7	0.2	71.2	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.7	0.2	71.2
V	at-grade	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.4	0.2	71.9	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8
V	3	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8
V	5	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.4	0.4	70.9	67.0	67.4	0.4	70.9	67.0	67.2	0.2	70.7
V	top floor	64.4	64.7	0.3	68.2	64.4	64.7	0.3	68.2	64.5	65.0	0.5	68.5	64.5	65.2	0.7	68.7	64.4	65.0	0.6	68.5	64.4	64.6	0.2	68.1
w	at-grade	66.6	67.0	0.4	69.6	66.6	67.0	0.4	69.6	66.7	67.7	1.0	70.3	66.7	67.4	0.7	70.0	66.7	67.2	0.5	69.8	66.7	67.6	0.9	70.2
w	top floor	67.5	68.0	0.5	70.6	67.5	67.9	0.3	70.5	67.6	69.2	1.7	71.8	67.6	68.8	1.2	71.4	67.6	68.3	0.7	70.9	67.6	68.9	1.3	71.5
X	at-grade	61.7	64.3	2.6	66.9	61.7	64.2	2.5	66.8	61.7	73.4	11.7	76.0	61.7	69.7	8.0	72.3	61.7	65.6	3.9	68.2	61.7	68.9	7.2	71.5
X	3	61.1	67.4	6.3	70.0	61.1	67.6	6.5	70.2	61.2	79.4	18.2	82.0	61.2	73.7	12.5	76.3	61.2	66.7	5.5	69.3	61.2	72.4	11.3	75.0
X	top floor	60.0	69.0	9.0	71.6	60.0	67.1	7.1	69.7	62.6	81.5	18.8	84.1	62.6	76.0	13.4	78.6	60.1	67.6	7.5	70.2	60.1	75.2	15.1	77.8
Y	at-grade	66.2	66.3	0.0	69.4	66.2	66.3	0.0	69.4	66.3	66.4	0.0	69.5	66.3	66.5	0.1	69.6	66.3	66.5	0.2	69.6	66.3	66.4	0.0	69.5
Y	3	66.7	66.8	0.0	69.9	66.7	66.8	0.0	69.9	67.0	67.0	0.0	70.1	67.0	67.2	0.2	70.3	66.9	67.2	0.2	70.3	66.9	67.0	0.1	70.1
Y	5	66.4	66.5	0.0	69.6	66.4	66.5	0.0	69.6	66.7	66.8	0.1	69.9	66.7	67.0	0.3	70.1	66.6	66.9	0.3	70.0	66.6	66.7	0.1	69.8
Y	10	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	65.0	65.4	0.3	68.5	65.0	65.7	0.7	68.8	64.9	65.6	0.7	68.7	64.9	65.1	0.2	68.2
Y	top floor	63.6	64.0	0.4	67.1	63.6	63.9	0.2	67.0	64.1	64.8	0.7	67.9	64.1	65.1	1.0	68.2	64.0	65.0	1.0	68.1	64.0	64.2	0.3	67.3
Z	at-grade	62.4	62.5	0.1	65.6	62.4	62.7	0.3	65.8	63.0	63.6	0.6	66.7	63.0	63.7	0.7	66.8	62.8	63.5	0.6	66.6	62.8	62.9	0.1	66.0
Z	3	62.1	62.4	0.2	65.5	62.1	62.6	0.5	65.7	63.7	64.7	1.0	67.8	63.7	64.8	1.1	67.9	63.2	64.1	0.9	67.2	63.2	63.2	0.1	66.3
Z	5	60.9	61.5	0.5	64.6	60.9	61.8	0.8	64.9	62.9	64.0	1.1	67.1	62.9	64.7	1.8	67.8	62.3	63.6	1.3	66.7	62.3	62.4	0.1	65.5
Z	top floor	59.3	60.2	0.9	63.3	59.3	60.6	1.3	63.7	61.9	63.6	1.7	66.7	61.9	64.6	2.7	67.7	61.0	63.1	2.0	66.2	61.0	61.4	0.4	64.5
AA	at-grade	64.9	64.9	0.1	68.0	64.9	64.9	0.1	68.0	66.2	66.3	0.1	69.4	66.2	66.9	0.7	70.0	65.8	66.6	0.9	69.7	65.8	66.0	0.3	69.1
AA	3	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	67.4	67.5	0.1	70.6	67.4	68.3	0.9	71.4	66.6	67.8	1.2	70.9	66.6	66.9	0.4	70.0
AA	top floor	63.4	64.0	0.6	67.1	63.4	64.2	0.8	67.3	66.8	67.8	1.0	70.9	66.8	68.4	1.6	71.5	65.9	67.4	1.6	70.5	65.9	66.3	0.5	69.4

Construction Noise Results (Weekdays)

SCENARIO B (Alternative)

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
BB	at-grade	65.8	65.9	0.1	69.0	65.8	65.8	0.1	68.9	73.8	73.8	0.0	76.9	73.8	74.2	0.4	77.3	72.9	73.3	0.4	76.4	72.9	73.0	0.2	76.1
BB	3	65.9	66.5	0.6	69.6	65.9	66.7	0.8	69.8	75.8	76.0	0.2	79.1	75.8	76.3	0.5	79.4	74.2	74.7	0.6	77.8	74.2	74.4	0.2	77.5
BB	top floor	65.4	66.4	1.0	69.5	65.4	66.3	0.9	69.4	75.7	76.0	0.3	79.1	75.7	76.3	0.6	79.4	73.4	74.3	0.9	77.4	73.4	73.8	0.3	76.9
CC	at-grade	65.8	66.3	0.5	69.4	65.8	66.3	0.5	69.4	66.0	66.7	0.7	69.8	66.0	67.0	1.1	70.1	66.0	69.6	3.6	72.7	66.0	69.2	3.3	72.3
CC	3	65.2	66.2	1.0	69.3	65.2	66.2	1.0	69.3	65.5	67.6	2.1	70.7	65.5	67.4	1.9	70.5	65.4	72.6	7.2	75.7	65.4	72.3	6.9	75.4
CC	top floor	64.1	65.9	1.8	69.0	64.1	66.1	2.0	69.2	64.5	68.3	3.8	71.4	64.5	67.2	2.7	70.3	64.4	72.9	8.6	76.0	64.4	72.8	8.4	75.9
DD	at-grade	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5
DD	3	60.6	60.6	0.0	62.5	60.6	60.6	0.0	62.5	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.6	0.0	62.5
DD	5	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.5	0.3	61.4	59.2	59.8	0.6	61.7	59.2	59.2	0.0	61.1
DD	10	57.4	58.9	1.5	60.8	57.4	59.6	2.2	61.5	57.5	60.7	3.2	62.6	57.5	60.4	2.9	62.3	57.4	59.4	2.0	61.3	57.4	58.1	0.6	60.0
DD	top floor	57.7	59.9	2.1	61.8	57.7	60.5	2.8	62.4	57.9	62.2	4.2	64.1	57.9	61.3	3.4	63.2	57.7	60.4	2.7	62.3	57.7	58.9	1.2	60.8
EE	at-grade	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8
EE	3	65.1	65.1	0.0	67.0	65.1	65.1	0.0	67.0	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.1	0.0	67.0
EE	5	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.8	0.2	65.7	63.6	63.9	0.3	65.8	63.6	63.6	0.0	65.5
EE	top floor	61.7	62.1	0.4	64.0	61.7	62.3	0.5	64.2	61.7	62.5	0.7	64.4	61.7	63.1	1.3	65.0	61.7	62.6	0.9	64.5	61.7	61.8	0.1	63.7
FF	at-grade	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	66.7	4.4	68.6	62.3	66.7	4.4	68.6
FF	3	62.5	62.8	0.3	64.7	62.5	62.8	0.4	64.7	62.5	62.9	0.4	64.8	62.5	62.9	0.5	64.8	62.5	68.8	6.4	70.7	62.5	68.8	6.4	70.7
FF	top floor	61.9	62.5	0.6	64.4	61.9	62.7	0.8	64.6	61.9	62.7	0.8	64.6	61.9	62.5	0.7	64.4	61.9	70.3	8.4	72.2	61.9	70.0	8.2	71.9

Construction Noise Results (Weekdays)

SCENARIO B (Alternative)

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
X1	at-grade	67.1	68.6	1.4	71.2	67.1	68.1	1.0	70.7	67.2	70.5	3.3	73.1	67.2	71.5	4.3	74.1	67.2	71.3	4.0	73.9	67.2	69.6	2.4	72.2
X1	top floor	67.7	72.3	4.6	74.9	67.7	69.0	1.3	71.6	67.7	75.8	8.1	78.4	67.7	74.5	6.8	77.1	67.7	75.3	7.6	77.9	67.7	71.7	4.0	74.3
X2	at-grade	63.2	66.0	2.7	68.6	63.2	65.3	2.1	67.9	63.3	71.6	8.3	74.2	63.3	69.6	6.3	72.2	63.3	67.5	4.3	70.1	63.3	67.6	4.3	70.2
X2	top floor	62.6	70.1	7.4	72.7	62.6	65.9	3.2	68.5	62.7	77.4	14.7	80.0	62.7	72.3	9.6	74.9	62.7	68.7	6.0	71.3	62.7	69.0	6.4	71.6
X3	at-grade	62.5	64.1	1.6	66.7	62.5	64.1	1.6	66.7	62.5	68.0	5.5	70.6	62.5	66.4	3.9	69.0	62.5	64.8	2.2	67.4	62.5	67.9	5.4	70.5
X3	3	61.7	64.2	2.5	66.8	61.7	63.9	2.2	66.5	61.7	72.8	11.1	75.4	61.7	67.5	5.7	70.1	61.7	65.1	3.4	67.7	61.7	70.3	8.6	72.9
X3	5	60.3	63.9	3.6	66.5	60.3	62.9	2.6	65.5	60.3	74.3	13.9	76.9	60.3	68.9	8.6	71.5	60.3	64.7	4.4	67.3	60.3	72.8	12.4	75.4
X3	top floor	59.3	63.6	4.2	66.2	59.3	62.3	3.0	64.9	59.4	74.1	14.7	76.7	59.4	68.8	9.4	71.4	59.3	64.7	5.4	67.3	59.3	72.2	12.9	74.8
X4	at-grade	62.8	64.3	1.5	66.9	62.8	64.1	1.3	66.7	62.8	67.2	4.4	69.8	62.8	66.1	3.3	68.7	62.8	64.9	2.0	67.5	62.8	67.2	4.4	69.8
X4	top floor	62.7	64.5	1.8	67.1	62.7	64.1	1.4	66.7	62.7	68.7	6.0	71.3	62.7	67.1	4.4	69.7	62.7	65.3	2.5	67.9	62.7	68.6	5.9	71.2
X5	at-grade	63.5	64.9	1.3	67.5	63.5	64.8	1.2	67.4	63.6	67.2	3.7	69.8	63.6	66.2	2.6	68.8	63.6	65.3	1.7	67.9	63.6	67.1	3.5	69.7
X5	top floor	63.4	65.2	1.8	67.8	63.4	64.9	1.5	67.5	63.6	68.7	5.1	71.3	63.6	67.0	3.4	69.6	63.5	65.7	2.2	68.3	63.5	67.9	4.4	70.5
X6	at-grade	64.6	65.5	0.9	68.1	64.6	65.5	0.9	68.1	64.6	67.2	2.6	69.8	64.6	66.5	1.8	69.1	64.6	66.0	1.4	68.6	64.6	67.1	2.4	69.7
X6	top floor	64.6	65.8	1.2	68.4	64.6	65.6	1.0	68.2	64.6	68.2	3.5	70.8	64.6	67.1	2.4	69.7	64.6	66.5	1.8	69.1	64.6	67.6	3.0	70.2
X7	at-grade	61.8	62.7	0.9	65.3	61.8	62.9	1.1	65.5	61.9	67.7	5.8	70.3	61.9	65.0	3.1	67.6	61.9	62.8	0.9	65.4	61.9	68.6	6.6	71.2
X7	3	61.9	63.0	1.2	65.6	61.9	63.0	1.1	65.6	62.0	70.8	8.8	73.4	62.0	68.1	6.1	70.7	61.9	63.6	1.6	66.2	61.9	73.8	11.9	76.4
X7	top floor	60.9	62.3	1.4	64.9	60.9	62.1	1.2	64.7	61.8	70.6	8.8	73.2	61.8	68.0	6.2	70.6	61.0	62.9	2.0	65.5	61.0	73.4	12.4	76.0
X8	at-grade	62.6	63.7	1.1	66.3	62.6	63.6	1.0	66.2	62.7	67.4	4.7	70.0	62.7	65.4	2.7	68.0	62.6	63.5	0.9	66.1	62.6	67.4	4.8	70.0
X8	3	62.5	63.7	1.2	66.3	62.5	63.5	1.0	66.1	62.6	69.5	6.9	72.1	62.6	67.4	4.8	70.0	62.5	64.2	1.7	66.8	62.5	70.4	7.9	73.0
X8	top floor	61.8	63.0	1.2	65.6	61.8	62.7	1.0	65.3	62.2	69.2	7.1	71.8	62.2	67.3	5.1	69.9	61.8	63.8	2.0	66.4	61.8	71.1	9.4	73.7
X9	at-grade	63.1	64.1	0.9	66.7	63.1	63.9	0.8	66.5	63.2	66.8	3.7	69.4	63.2	65.6	2.4	68.2	63.2	64.0	0.8	66.6	63.2	66.9	3.6	69.5
X9	3	63.1	64.1	0.9	66.7	63.1	64.0	0.8	66.6	63.2	68.8	5.6	71.4	63.2	66.7	3.5	69.3	63.2	64.6	1.4	67.2	63.2	68.4	5.2	71.0
X9	top floor	62.5	63.5	1.0	66.1	62.5	63.3	0.8	65.9	62.7	68.5	5.7	71.1	62.7	66.7	4.0	69.3	62.6	64.2	1.6	66.8	62.6	69.8	7.2	72.4
X10	at-grade	64.1	64.8	0.7	67.4	64.1	64.7	0.6	67.3	64.1	66.6	2.4	69.2	64.1	65.6	1.5	68.2	64.1	64.7	0.6	67.3	64.1	66.6	2.5	69.2
X10	3	64.3	64.9	0.6	67.5	64.3	64.9	0.6	67.5	64.3	68.0	3.6	70.6	64.3	66.5	2.2	69.1	64.3	65.3	1.0	67.9	64.3	67.4	3.1	70.0
X10	top floor	63.9	64.5	0.6	67.1	63.9	64.5	0.6	67.1	63.9	67.9	4.0	70.5	63.9	66.7	2.8	69.3	63.8	65.2	1.4	67.8	63.8	68.6	4.8	71.2
X11	at-grade	54.6	55.3	0.7	57.9	54.6	59.4	4.7	62.0	54.7	62.6	7.9	65.2	54.7	61.8	7.1	64.4	54.7	56.7	2.0	59.3	54.7	56.2	1.5	58.8
X11	3	55.7	56.6	0.9	59.2	55.7	61.9	6.2	64.5	55.8	67.2	11.4	69.8	55.8	68.8	13.0	71.4	55.8	60.6	4.8	63.2	55.8	57.3	1.5	59.9
X11	top floor	57.8	59.4	1.6	62.0	57.8	68.9	11.0	71.5	57.9	73.9	16.0	76.5	57.9	71.9	14.0	74.5	57.9	63.5	5.6	66.1	57.9	58.9	1.0	61.5
X12	at-grade	54.6	55.2	0.5	57.8	54.6	56.3	1.7	58.9	54.7	58.5	3.8	61.1	54.7	57.2	2.5	59.8	54.7	55.6	0.9	58.2	54.7	55.6	0.9	58.2
X12	3	56.3	57.3	1.0	59.9	56.3	58.1	1.8	60.7	56.4	59.9	3.6	62.5	56.4	58.7	2.3	61.3	56.4	57.3	0.9	59.9	56.4	57.1	0.7	59.7
X12	top floor	60.7	61.0	0.3	63.6	60.7	62.3	1.6	64.9	60.8	63.6	2.9	66.2	60.8	65.4	4.6	68.0	60.8	61.6	0.8	64.2	60.8	61.0	0.2	63.6
X13	at-grade	54.6	55.7	1.0	58.3	54.6	57.8	3.1	60.4	54.7	58.3	3.7	60.9	54.7	57.9	3.2	60.5	54.7	57.3	2.6	59.9	54.7	55.4	0.7	58.0
X13	3	56.2	59.0	2.8	61.6	56.2	60.8	4.6	63.4	56.3	61.5	5.3	64.1	56.3	60.9	4.6	63.5	56.3	60.9	4.6	63.5	56.3	58.1	1.8	60.7
X13	top floor	59.9	61.4	1.5	64.0	59.9	63.6	3.7	66.2	60.0	64.1	4.1	66.7	60.0	64.6	4.6	67.2	60.0	63.8	3.8	66.4	60.0	60.9	0.9	63.5
I1	at-grade	64.8	70.5	5.7	73.0	64.8	70.7	5.9	73.2	64.8	70.8	6.1	73.3	64.8	69.2	4.5	71.7	64.8	70.5	5.7	73.0	64.8	69.8	5.0	72.3
I1	3	63.4	73.6	10.2	76.1	63.4	73.5	10.1	76.0	63.4	74.8	11.4	77.3	63.4	72.1	8.7	74.6	63.4	76.4	13.0	78.9	63.4	75.8	12.4	78.3
I1	top floor	62.0	75.0	13.1	77.5	62.0	74.6	12.7	77.1	61.9	75.6	13.7	78.1	61.9	73.2	11.4	75.7	61.9	76.4	14.4	78.9	61.9	75.6	13.7	78.1
I2	at-grade	63.3	66.1	2.8	68.6	63.3	66.5	3.2	69.0	63.3	67.9	4.6	70.4	63.3	69.3	6.0	71.8	63.3	70.4	7.1	72.9	63.3	69.3	6.0	71.8
I2	3	61.7	66.8	5.1	69.3	61.7	67.0	5.3	69.5	61.7	70.9	9.1	73.4	61.7	74.4	12.7	76.9	61.7	76.2	14.4	78.7	61.7	76.5	14.8	79.0
I2	5	60.0	67.8	7.8	70.3	60.0	67.5	7.5	70.0	60.0	71.3	11.3	73.8	60.0	75.1	15.1	77.6	60.0	76.7	16.7	79.2	60.0	75.5	15.5	78.0
I2	top floor	58.9	67.5	8.5	70.0	58.9	67.0	8.1	69.5	58.8	71.0	12.1	73.5	58.8	74.1	15.3	76.6	58.8	75.6	16.8	78.1	58.8	74.1	15.3	76.6
I3	at-grade	61.6	63.9	2.3	66.4	61.6	64.0	2.4	66.5	61.6	65.1	3.5	67.6	61.6	65.8	4.2	68.3	61.6	66.6	5.0	69.1	61.6	65.7	4.1	68.2
I3	3	61.2	64.6	3.4	67.1	61.2	64.5	3.3	67.0	61.2	67.4	6.2	69.9	61.2	67.3	6.1	69.8	61.2	68.4	7.2	70.9	61.2	67.5	6.3	70.0
I3	5	60.0	65.1	5.1	67.6	60.0	64.7	4.7	67.2	60.0	66.2	6.2	68.7	60.0	69.2	9.2	71.7	60.0	70.6	10.6	73.1	60.0	69.5	9.5	72.0
I3	top floor	59.1	64.7	5.6	67.2	59.1	64.3	5.3	66.8	59.0	67.1	8.1	69.6	59.0	68.9	9.9	71.4	59.0	70.2	11.2	72.7	59.0	69.1	10.0	71.6
I4	at-grade	62.0	63.9	1.9	66.4	62.0	64.0	1.9	66.5	62.0	65.0	3.0	67.5	62.0	65.4	3.4	67.9	62.0	66.1	4.1	68.6	62.0	65.3	3.3	67.8
I4	3	61.7	64.5	2.8	67.0	61.7	64.4	2.7	66.9	61.6	66.5	4.9	69.0	61.6	66.4	4.8	68.9	61.6	67.3	5.7	69.8	61.6	66.4	4.8	68.9
I4	5	60.5	64.7	4.2	67.2	60.5	64.3	3.8	66.8	60.4	65.4	5.0	67.9	60.4	67.9	7.5	70.4	60.4	69.2	8.8	71.7	60.4	68.1	7.7	70.6
I4	top floor	59.7	64.3	4.6	66.8	59.7	63.9	4.2	66.4	59.5	66.3	6.8	68.8	59.5	67.5	8.0	70.0	59.5	68.9	9.4	71.4	59.5	67.7	8.2	70.2
I5	at-grade	62.0	63.6	1.6	66.1	62.0	63.6	1.6	66.1	62.1	64.5	2.4	67.0	62.1	64.9	2.8	67.4	62.1	65.5	3.4	68.0	62.1	64.7	2.6	67.2
I5	3	62.0	64.3	2.3	66.8	62.0	64.2	2.3	66.7	62.0	65.9	4.0	68.4	62.0	65.6	3.7	68.1	62.0	66.4	4.4	68.9	62.0	65.6	3.6	68.1
I5	top floor	61.0	64.3	3.3	66.8	61.0	64.0	3.0	66.5	61.0	64.8	3.8	67.3	61.0	66.9	5.9	69.4	61.0	68.0	7.0	70.5	61.0	67.0	6.0	69.5
I6	at-grade	60.8	61.9	1.1	64.4	60.8	62.4	1.6	64.9	60.8	63.2	2.4	65.7	60.8	63.7	2.9	66.2	60.8	64.3	3.5	66.8	60.8	64.2	3.4	66.7
I6	3	60.5	62.3	1.8	64.8	60.5	62.6	2.1	65.1	60.5	64.1	3.6	66.6	60.5	64.9	4.4	67.4	60.5	65.7	5.2	68.2	60.5	65.5	5.0	68.0

Construction Noise Results (Weekdays) **SCENARIO B (Alternative)**

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
I6	5	59.2	61.3	2.0	63.8	59.2	61.6	2.4	64.1	59.2	63.3	4.1	65.8	59.2	64.2	5.0	66.7	59.2	65.2	6.0	67.7	59.2	64.8	5.6	67.3
I6	10	56.4	59.2	2.8	61.7	56.4	59.4	2.9	61.9	56.4	61.8	5.4	64.3	56.4	62.8	6.3	65.3	56.4	63.7	7.3	66.2	56.4	63.0	6.6	65.5
I6	top floor	55.4	58.6	3.1	61.1	55.4	58.8	3.4	61.3	55.4	61.3	5.9	63.8	55.4	62.1	6.6	64.6	55.4	63.0	7.6	65.5	55.4	62.1	6.6	64.6
I7	at-grade	61.0	62.3	1.3	64.8	61.0	62.4	1.4	64.9	61.0	64.3	3.3	66.8	61.0	64.3	3.3	66.8	61.0	64.8	3.8	67.3	61.0	65.1	4.1	67.6
I7	3	60.6	63.0	2.4	65.5	60.6	63.1	2.5	65.6	60.6	66.3	5.7	68.8	60.6	66.1	5.5	68.6	60.6	66.6	6.0	69.1	60.6	67.2	6.6	69.7
I7	top floor	59.4	62.0	2.6	64.5	59.4	62.1	2.7	64.6	59.4	66.0	6.6	68.5	59.4	65.8	6.4	68.3	59.4	66.5	7.1	69.0	59.4	66.8	7.4	69.3
I8	at-grade	63.5	64.6	1.1	67.1	63.5	64.6	1.1	67.1	63.5	65.2	1.7	67.7	63.5	65.6	2.1	68.1	63.5	66.0	2.5	68.5	63.5	65.5	2.0	68.0
I8	3	62.9	65.3	2.4	67.8	62.9	65.1	2.2	67.6	62.9	66.4	3.5	68.9	62.9	66.4	3.5	68.9	62.9	67.1	4.2	69.6	62.9	66.1	3.2	68.6
I8	top floor	61.9	64.4	2.5	66.9	61.9	64.3	2.4	66.8	61.9	65.8	3.9	68.3	61.9	66.6	4.7	69.1	61.9	67.5	5.6	70.0	61.9	66.5	4.6	69.0
I9	at-grade	54.7	58.0	3.3	60.5	54.7	61.9	7.3	64.4	54.7	65.5	10.8	68.0	54.7	63.7	9.0	66.2	54.7	60.3	5.6	62.8	54.7	57.9	3.1	60.4
I9	3	56.6	61.8	5.3	64.3	56.6	63.8	7.2	66.3	57.1	69.7	12.6	72.2	57.1	70.5	13.4	73.0	56.7	65.2	8.6	67.7	56.7	63.0	6.4	65.5
I9	5	60.9	63.5	2.5	66.0	60.9	64.5	3.5	67.0	61.1	71.6	10.5	74.1	61.1	70.7	9.6	73.2	60.9	65.7	4.8	68.2	60.9	64.2	3.3	66.7
I9	10	69.1	69.6	0.5	72.1	69.1	69.7	0.5	72.2	69.2	73.2	4.0	75.7	69.2	73.3	4.1	75.8	69.2	70.3	1.2	72.8	69.2	69.9	0.7	72.4
I9	top floor	73.0	73.2	0.2	75.7	73.0	73.2	0.2	75.7	73.0	75.3	2.3	77.8	73.0	75.7	2.7	78.2	73.0	73.6	0.6	76.1	73.0	73.3	0.3	75.8
I10	at-grade	54.6	55.2	0.6	57.7	54.6	56.5	1.9	59.0	54.7	57.1	2.5	59.6	54.7	56.2	1.5	58.7	54.7	55.9	1.2	58.4	54.7	55.3	0.6	57.8
I10	3	56.5	57.2	0.7	59.7	56.5	58.4	1.9	60.9	56.6	58.8	2.2	61.3	56.6	59.0	2.4	61.5	56.6	58.2	1.6	60.7	56.6	57.1	0.5	59.6
I10	top floor	59.7	60.1	0.3	62.6	59.7	60.5	0.8	63.0	60.0	61.6	1.6	64.1	60.0	61.3	1.3	63.8	59.8	60.5	0.7	63.0	59.8	60.0	0.2	62.5
I11	at-grade	54.6	56.0	1.4	58.5	54.6	56.5	1.9	59.0	54.6	58.9	4.3	61.4	54.6	58.8	4.2	61.3	54.6	57.3	2.7	59.8	54.6	55.3	0.7	57.8
I11	3	56.4	58.8	2.4	61.3	56.4	58.8	2.4	61.3	56.4	62.2	5.8	64.7	56.4	62.8	6.4	65.3	56.4	60.0	3.7	62.5	56.4	58.2	1.8	60.7
I11	top floor	59.6	61.1	1.5	63.6	59.6	60.5	0.9	63.0	59.6	64.6	4.9	67.1	59.6	64.6	4.9	67.1	59.6	61.8	2.2	64.3	59.6	60.3	0.7	62.8
A1	at-grade	72.5	73.0	0.5	76.0	72.5	72.9	0.4	75.9	72.6	73.3	0.7	76.3	72.6	73.0	0.4	76.0	72.4	74.5	2.0	77.5	72.4	74.3	1.9	77.3

Construction Noise Results (Weekdays)

SCENARIO C

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
A	at-grade	71.3	71.5	0.1	74.5	71.3	71.8	0.4	74.8	71.4	71.5	0.1	74.5	71.4	71.5	0.1	74.5	71.4	71.7	0.3	74.7	71.4	71.7	0.3	74.7
A	3	71.0	71.2	0.2	74.2	71.0	71.7	0.7	74.7	71.0	71.3	0.3	74.3	71.0	71.3	0.3	74.3	71.0	71.7	0.7	74.7	71.0	71.6	0.5	74.6
A	5	69.6	69.9	0.3	72.9	69.6	70.7	1.1	73.7	69.6	70.0	0.4	73.0	69.6	69.9	0.3	72.9	69.6	70.6	1.0	73.6	69.6	70.4	0.8	73.4
A	10	67.8	68.2	0.5	71.2	67.8	69.0	1.3	72.0	67.6	68.2	0.6	71.2	67.6	68.0	0.5	71.0	67.6	69.1	1.5	72.1	67.6	68.9	1.3	71.9
A	top floor	66.1	67.1	1.0	70.1	66.1	67.8	1.6	70.8	65.9	66.7	0.8	69.7	65.9	66.6	0.7	69.6	65.9	68.1	2.2	71.1	65.9	67.7	1.8	70.7
B	at-grade	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.1	0.1	73.1	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0	69.9	70.0	0.1	73.0
B	3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.3	0.2	73.3	70.1	70.2	0.1	73.2	70.1	70.2	0.1	73.2
B	5	68.8	69.0	0.2	72.0	68.8	69.1	0.3	72.1	68.8	69.1	0.3	72.1	68.8	69.0	0.2	72.0	68.8	69.0	0.2	72.0	68.8	68.9	0.1	71.9
B	10	66.4	66.9	0.4	69.9	66.4	66.8	0.4	69.8	66.4	67.2	0.8	70.2	66.4	66.8	0.4	69.8	66.4	66.6	0.2	69.6	66.4	66.6	0.2	69.6
B	top floor	64.6	65.7	1.0	68.7	64.6	65.2	0.6	68.2	64.6	66.4	1.8	69.4	64.6	65.6	1.0	68.6	64.6	64.9	0.3	67.9	64.6	64.8	0.2	67.8
C	at-grade	73.1	73.2	0.0	76.2	73.1	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2	73.2	73.2	0.0	76.2
C	3	73.5	73.6	0.0	76.6	73.5	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.6	0.0	76.6	73.6	73.7	0.1	76.7	73.6	73.6	0.0	76.6
C	5	72.6	72.7	0.0	75.7	72.6	72.7	0.1	75.7	72.7	72.7	0.0	75.7	72.7	72.7	0.0	75.7	72.7	72.8	0.1	75.8	72.7	72.8	0.1	75.8
C	10	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.2	0.1	73.2	70.2	70.4	0.1	73.4	70.2	70.3	0.1	73.3
C	15	68.7	68.8	0.1	71.8	68.7	68.8	0.1	71.8	68.7	68.7	0.1	71.7	68.7	68.7	0.1	71.7	68.7	68.9	0.2	71.9	68.7	68.8	0.1	71.8
C	top floor	67.7	67.8	0.1	70.8	67.7	67.8	0.1	70.8	67.7	67.8	0.2	70.8	67.7	67.8	0.2	70.8	67.7	68.2	0.5	71.2	67.7	67.9	0.1	70.9
D	at-grade	74.3	74.5	0.2	77.5	74.3	74.5	0.1	77.5	74.4	74.9	0.4	77.9	74.4	75.3	0.9	78.3	74.4	75.7	1.3	78.7	74.4	75.0	0.7	78.0
D	3	74.5	74.9	0.4	77.9	74.5	74.8	0.3	77.8	74.7	76.0	1.3	79.0	74.7	76.4	1.7	79.4	74.5	77.0	2.5	80.0	74.5	75.8	1.3	78.8
D	top floor	73.5	74.4	0.9	77.4	73.5	73.9	0.3	76.9	73.8	76.1	2.3	79.1	73.8	76.8	3.0	79.8	73.5	77.8	4.3	80.8	73.5	75.8	2.3	78.8
E	at-grade	73.1	73.2	0.1	76.2	73.1	73.2	0.1	76.2	72.1	72.3	0.2	75.3	72.1	72.5	0.4	75.5	71.9	72.3	0.4	75.3	71.9	72.0	0.1	75.0
E	3	73.9	74.0	0.1	77.0	73.9	74.0	0.1	77.0	72.6	73.1	0.4	76.1	72.6	73.3	0.6	76.3	72.2	72.9	0.7	75.9	72.2	72.4	0.2	75.4
E	top floor	73.1	73.3	0.2	76.3	73.1	73.2	0.1	76.2	72.0	72.7	0.7	75.7	72.0	72.8	0.9	75.8	71.4	72.4	1.0	75.4	71.4	71.7	0.3	74.7
F	at-grade	71.3	71.3	0.0	74.3	71.3	71.3	0.0	74.3	71.3	71.4	0.1	74.4	71.3	71.5	0.2	74.5	71.3	71.5	0.2	74.5	71.3	71.3	0.1	74.3
F	3	71.5	71.6	0.1	74.6	71.5	71.6	0.1	74.6	71.5	71.6	0.2	74.6	71.5	71.8	0.3	74.8	71.4	71.6	0.3	74.6	71.4	71.4	0.1	74.4
F	5	70.4	70.5	0.1	73.6	70.4	70.5	0.1	73.5	70.5	70.8	0.2	73.8	70.5	71.0	0.5	74.0	70.3	70.7	0.4	73.7	70.3	70.4	0.1	73.4
F	top floor	69.5	69.7	0.2	72.7	69.5	69.6	0.1	72.6	69.6	70.0	0.4	73.0	69.6	70.2	0.6	73.2	69.4	69.9	0.5	72.9	69.4	69.5	0.1	72.5
G	at-grade	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1	73.1	73.1	0.0	76.1
G	3	73.0	73.0	0.0	76.0	73.0	73.0	0.0	76.0	72.9	72.9	0.0	75.9	72.9	72.9	0.0	75.9	72.9	73.0	0.1	76.0	72.9	72.9	0.0	75.9
G	top floor	71.7	71.8	0.0	74.8	71.7	71.8	0.0	74.8	71.6	71.6	0.0	74.6	71.6	71.7	0.1	74.7	71.6	71.7	0.1	74.7	71.6	71.6	0.0	74.6
H	at-grade	65.0	65.9	0.8	68.4	65.0	65.8	0.8	68.3	65.1	66.2	1.2	68.7	65.1	66.4	1.3	68.9	65.1	66.7	1.6	69.2	65.1	66.4	1.3	68.9
H	3	63.9	65.2	1.3	67.7	63.9	65.1	1.2	67.6	64.0	66.3	2.3	68.8	64.0	66.0	2.0	68.5	64.0	66.5	2.4	69.0	64.0	65.9	1.9	68.4
H	5	62.6	64.6	2.0	67.1	62.6	64.4	1.8	66.9	62.7	65.1	2.5	67.6	62.7	66.1	3.4	68.6	62.7	67.0	4.2	69.5	62.7	65.9	3.2	68.4
H	10	60.2	63.2	2.9	65.7	60.2	62.9	2.7	65.4	60.3	64.5	4.3	67.0	60.3	65.1	4.8	67.6	60.3	66.0	5.7	68.5	60.3	64.8	4.5	67.3
H	15	60.5	63.3	2.8	65.8	60.5	63.2	2.7	65.7	60.5	64.7	4.2	67.2	60.5	65.3	4.8	67.8	60.5	66.3	5.8	68.8	60.5	64.6	4.1	67.1
H	top floor	60.5	63.2	2.8	65.7	60.5	63.1	2.6	65.6	60.5	64.6	4.1	67.1	60.5	65.7	5.3	68.2	60.2	66.4	6.2	68.9	60.2	64.1	3.9	66.6
I	at-grade	64.6	68.8	4.2	71.3	64.6	69.8	5.2	72.3	64.6	71.9	7.3	74.4	64.6	70.9	6.3	73.4	64.6	71.6	7.0	74.1	64.6	69.5	4.9	72.0
I	3	62.6	72.7	10.0	75.2	62.6	72.9	10.3	75.4	62.6	77.7	15.1	80.2	62.6	77.6	15.0	80.1	62.6	78.4	15.8	80.9	62.6	74.8	12.2	77.3
I	top floor	60.8	73.3	12.4	75.8	60.8	72.7	11.9	75.2	60.8	78.1	17.3	80.6	60.8	77.0	16.2	79.5	60.8	77.9	17.1	80.4	60.8	74.5	13.7	77.0
J	at-grade	67.7	71.4	3.7	73.9	67.7	71.2	3.5	73.7	67.8	70.1	2.3	72.6	67.8	69.5	1.7	72.0	67.8	69.9	2.1	72.4	67.8	69.7	1.9	72.2
J	3	67.2	75.2	8.1	77.7	67.2	75.2	8.1	77.7	67.2	71.6	4.4	74.1	67.2	71.5	4.3	74.0	67.2	72.0	4.8	74.5	67.2	72.0	4.8	74.5
J	5	65.8	74.2	8.4	76.7	65.8	74.4	8.6	76.9	65.8	72.1	6.4	74.6	65.8	71.3	5.5	73.8	65.8	71.5	5.7	74.0	65.8	71.4	5.6	73.9
J	10	63.7	72.2	8.6	74.7	63.7	72.6	8.9	75.1	63.5	71.5	8.0	74.0	63.5	70.6	7.1	73.1	63.5	70.8	7.3	73.3	63.5	70.2	6.7	72.7
J	top floor	62.7	70.7	7.9	73.2	62.7	70.9	8.2	73.4	61.8	70.7	8.9	73.2	61.8	71.5	9.7	74.0	61.6	72.0	10.4	74.5	61.6	69.1	7.5	71.6
K	at-grade	66.6	68.8	2.2	71.1	66.6	68.8	2.2	71.1	66.7	69.6	2.9	71.9	66.7	69.3	2.7	71.6	66.7	70.0	3.3	72.3	66.7	69.8	3.1	72.1
K	3	67.5	71.5	3.9	73.8	67.5	72.1	4.5	74.4	67.7	72.9	5.3	75.2	67.7	72.4	4.8	74.7	67.6	72.3	4.7	74.6	67.6	72.0	4.3	74.3
K	top floor	67.1	72.3	5.2	74.6	67.1	72.3	5.2	74.6	67.5	73.7	6.2	76.0	67.5	73.2	5.7	75.5	67.4	72.5	5.1	74.8	67.4	72.1	4.8	74.4
L	at-grade	64.8	65.3	0.4	68.4	64.8	65.3	0.5	68.4	64.9	65.5	0.6	68.6	64.9	65.7	0.8	68.8	64.9	66.4	1.4	69.5	64.9	66.1	1.2	69.2
L	3	64.4	64.9	0.5	68.0	64.4	64.8	0.5	67.9	64.5	65.3	0.8	68.4	64.5	65.7	1.1	68.8	64.5	66.9	2.4	70.0	64.5	66.5	2.1	69.6
L	top floor	63.0	63.8	0.8	66.9	63.0	63.8	0.9	66.9	63.1	64.3	1.3	67.4	63.1	64.8	1.7	67.9	63.1	66.5	3.4	69.6	63.1	65.9	2.8	69.0
M	at-grade	62.7	63.2	0.5	66.3	62.7	63.2	0.5	66.3	62.8	63.3	0.5	66.4	62.8	63.5	0.7	66.6	62.8	63.9	1.1	67.0	62.8	63.7	0.9	66.8
M	3	62.0	62.5	0.5	65.6	62.0	62.5	0.5	65.6	62.1	62.7	0.6	65.8	62.1	63.1	1.0	66.2	62.1	63.9	1.8	67.0	62.1	63.4	1.3	66.5
M	5	60.3	60.9	0.6	64.0	60.3	60.9	0.6	64.0	60.4	61.4	1.0	64.5	60.4	62.0	1.6	65.1	60.4	63.2	2.8	66.3	60.4	62.5	2.0	65.6
M	10	57.0	58.9	1.9	62.0	57.0	58.5	1.5	61.6	57.5	60.2	2.7	63.3	57.5	61.2	3.7	64.3	57.7	62.6	4.9	65.7	57.7	61.4	3.7	64.5
M	15	55.4	58.2	2.8	61.3	55.4	57.4	1.9	60.5	57.2	61.2	4.0	64.3	57.2	61.6	4.4	64.7	56.6	62.7	6.1	65.8	56.6	61.2	4.6	64.3
M	top floor	56.4	59.2	2.8	62.3	56.4	58.3	1.9	61.4	57.8	61.7	3.9	64.8	57.8	62.0	4.2	65.1	57.3	63.6	6.4	66.7	57.3	61.9	4.6	65.0

Construction Noise Results (Weekdays) **SCENARIO C**

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
N	at-grade	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0	67.7	68.0	0.3	71.1	67.7	68.0	0.2	71.1	67.7	67.9	0.2	71.0	67.7	67.9	0.2	71.0
N	3	67.1	67.4	0.3	70.5	67.1	67.4	0.3	70.5	67.2	67.6	0.4	70.7	67.2	67.5	0.3	70.6	67.2	67.4	0.3	70.5	67.2	67.4	0.2	70.5
N	top floor	65.8	66.1	0.3	69.2	65.8	66.1	0.3	69.2	66.0	66.5	0.5	69.6	66.0	66.4	0.5	69.5	65.9	66.3	0.4	69.4	65.9	66.1	0.2	69.2
O	at-grade	63.9	64.8	0.9	67.2	63.9	64.2	0.3	66.6	63.9	65.2	1.3	67.6	63.9	65.0	1.1	67.4	63.9	64.1	0.2	66.5	63.9	64.1	0.2	66.5
O	3	63.0	64.5	1.5	66.9	63.0	63.4	0.4	65.8	63.0	65.4	2.4	67.8	63.0	64.9	1.9	67.3	63.0	63.3	0.3	65.7	63.0	63.2	0.2	65.6
O	top floor	61.8	65.2	3.4	67.6	61.8	62.3	0.5	64.7	61.8	66.6	4.8	69.0	61.8	65.7	3.9	68.1	61.8	62.1	0.3	64.5	61.8	62.0	0.2	64.4
P	at-grade	67.4	68.0	0.6	70.4	67.4	67.8	0.2	70.0	67.4	68.6	1.2	71.0	67.4	68.1	0.7	70.5	67.4	67.5	0.1	69.9	67.4	67.5	0.1	69.9
P	10	55.8	58.1	2.3	60.5	55.8	57.2	1.3	59.6	56.0	58.2	2.2	60.6	56.0	58.7	2.7	61.1	55.1	58.8	3.8	61.2	55.1	56.5	1.5	58.9
P	15	62.9	64.4	1.5	66.8	62.9	64.0	1.1	66.4	62.9	64.3	1.4	66.7	62.9	64.2	1.3	66.6	62.8	64.8	2.0	67.2	62.8	63.5	0.7	65.9
P	top floor	63.5	66.3	2.8	68.7	63.5	65.2	1.7	67.6	63.7	67.2	3.5	69.6	63.7	66.7	3.0	69.1	63.4	65.8	2.4	68.2	63.4	64.1	0.7	66.5
Q	at-grade	64.2	64.3	0.1	66.6	64.2	64.3	0.1	66.6	64.2	64.5	0.3	66.8	64.2	64.4	0.2	66.7	64.2	64.3	0.1	66.6	64.2	64.2	0.0	66.5
Q	3	63.6	63.9	0.3	66.2	63.6	63.8	0.2	66.1	63.6	64.2	0.6	66.5	63.6	64.0	0.4	66.3	63.6	63.7	0.1	66.0	63.6	63.6	0.0	65.9
Q	5	62.3	62.8	0.5	65.1	62.3	62.6	0.3	64.9	62.3	63.2	0.9	65.5	62.3	62.9	0.6	65.2	62.3	62.7	0.4	65.0	62.3	62.4	0.1	64.7
Q	10	59.5	61.3	1.7	63.6	59.5	61.2	1.7	63.5	59.5	62.7	3.2	65.0	59.5	61.3	1.8	63.6	59.5	61.9	2.4	64.2	59.5	59.7	0.2	62.0
Q	15	58.2	60.6	2.4	62.9	58.2	60.4	2.2	62.7	58.3	62.6	4.3	64.9	58.3	61.2	2.9	63.5	58.1	62.3	4.2	64.6	58.1	58.7	0.6	61.0
Q	top floor	57.6	60.8	3.1	63.1	57.6	60.3	2.6	62.6	57.4	62.1	4.7	64.4	57.4	61.6	4.2	63.9	57.4	63.1	5.7	65.4	57.4	59.0	1.6	61.3
R	at-grade	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4	70.9	71.0	0.1	74.5	70.9	71.0	0.1	74.5	70.9	70.9	0.0	74.4	70.9	70.9	0.0	74.4
R	3	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8	70.2	70.3	0.1	73.8
R	5	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4	68.8	68.9	0.1	72.4
R	10	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.9	0.2	69.4	65.7	65.9	0.2	69.4	65.7	65.8	0.1	69.3	65.7	65.8	0.1	69.3
R	top floor	63.3	63.5	0.2	67.0	63.3	63.4	0.1	66.9	63.3	63.7	0.4	67.2	63.3	63.6	0.3	67.1	63.3	63.4	0.1	66.9	63.3	63.4	0.1	66.9
S	at-grade	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.8	0.1	74.3	70.7	70.9	0.2	74.4	70.7	70.8	0.1	74.3
S	3	70.3	70.5	0.2	74.0	70.3	70.4	0.1	73.9	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0	70.3	70.6	0.3	74.1	70.3	70.5	0.2	74.0
S	5	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.3	0.3	72.8	69.0	69.4	0.4	72.9	69.0	69.5	0.5	73.0	69.0	69.3	0.3	72.8
S	10	66.1	66.6	0.5	70.1	66.1	66.5	0.4	70.0	66.2	67.0	0.8	70.5	66.2	67.0	0.8	70.5	66.1	67.3	1.2	70.8	66.1	66.9	0.8	70.4
S	top floor	64.8	65.4	0.6	68.9	64.8	65.3	0.6	68.8	64.9	66.0	1.1	69.5	64.9	66.1	1.2	69.6	64.7	66.4	1.7	69.9	64.7	65.7	1.0	69.2
T	at-grade	68.8	68.8	0.0	72.3	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3	68.8	68.9	0.1	72.4	68.8	68.8	0.0	72.3
T	3	68.6	68.7	0.0	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.7	0.1	72.2	68.6	68.6	0.0	72.1
T	top floor	66.3	66.4	0.1	69.9	66.3	66.4	0.1	69.9	66.3	66.6	0.3	70.1	66.3	66.8	0.4	70.3	66.3	66.7	0.4	70.2	66.3	66.4	0.1	69.9
U	at-grade	69.0	69.1	0.1	72.6	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.2	0.2	72.7	69.0	69.1	0.1	72.6
U	3	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	69.1	0.4	72.6	68.7	68.9	0.2	72.4	68.7	69.0	0.3	72.5	68.7	68.9	0.2	72.4
U	top floor	67.5	67.7	0.2	71.2	67.5	67.7	0.2	71.2	67.5	67.9	0.4	71.4	67.5	67.9	0.4	71.4	67.5	67.7	0.2	71.2	67.5	67.7	0.2	71.2
V	at-grade	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.4	0.2	71.9	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8	68.2	68.3	0.1	71.8
V	3	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8	68.1	68.3	0.2	71.8
V	5	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.2	0.2	70.7	67.0	67.4	0.4	70.9	67.0	67.4	0.4	70.9	67.0	67.2	0.2	70.7
V	top floor	64.4	64.7	0.3	68.2	64.4	64.7	0.3	68.2	64.5	65.0	0.5	68.5	64.5	65.2	0.7	68.7	64.4	65.0	0.6	68.5	64.4	64.6	0.2	68.1
W	at-grade	66.6	67.0	0.4	69.6	66.6	67.0	0.4	69.6	66.7	67.7	1.0	70.3	66.7	67.4	0.7	70.0	66.7	67.2	0.5	69.8	66.7	67.6	0.9	70.2
W	top floor	67.5	68.0	0.5	70.6	67.5	67.9	0.3	70.5	67.6	69.3	1.7	71.9	67.6	68.8	1.2	71.4	67.6	68.3	0.7	70.9	67.6	68.9	1.3	71.5
X	at-grade	61.7	64.3	2.6	66.9	61.7	64.2	2.5	66.8	61.7	73.4	11.7	76.0	61.7	69.7	8.0	72.3	61.7	65.7	4.0	68.3	61.7	69.0	7.3	71.6
X	3	61.1	67.4	6.3	70.0	61.1	67.6	6.5	70.2	61.2	79.4	18.2	82.0	61.2	73.7	12.5	76.3	61.2	66.9	5.7	69.5	61.2	72.5	11.4	75.1
X	top floor	60.0	69.0	9.0	71.6	60.0	67.1	7.1	69.7	62.6	81.5	18.8	84.1	62.6	76.0	13.4	78.6	60.1	67.7	7.6	70.3	60.1	75.2	15.1	77.8
Y	at-grade	66.2	66.3	0.0	69.4	66.2	66.3	0.0	69.4	66.3	66.4	0.0	69.5	66.3	66.5	0.1	69.6	66.3	66.5	0.2	69.6	66.3	66.4	0.0	69.5
Y	3	66.7	66.8	0.0	69.9	66.7	66.8	0.0	69.9	67.0	67.0	0.0	70.1	67.0	67.2	0.2	70.3	66.9	67.2	0.2	70.3	66.9	67.0	0.1	70.1
Y	5	66.4	66.5	0.0	69.6	66.4	66.5	0.0	69.6	66.7	66.8	0.1	69.9	66.7	67.0	0.3	70.1	66.6	66.9	0.3	70.0	66.6	66.7	0.1	69.8
Y	10	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	65.0	65.4	0.3	68.5	65.0	65.7	0.7	68.8	64.9	65.6	0.7	68.7	64.9	65.1	0.2	68.2
Y	top floor	63.6	64.0	0.4	67.1	63.6	63.9	0.2	67.0	64.1	64.8	0.7	67.9	64.1	65.1	1.0	68.2	64.0	65.0	1.0	68.1	64.0	64.2	0.3	67.3
Z	at-grade	62.4	62.5	0.1	65.6	62.4	62.7	0.3	65.8	63.0	63.6	0.6	66.7	63.0	63.7	0.7	66.8	62.8	63.5	0.6	66.6	62.8	62.9	0.1	66.0
Z	3	62.1	62.4	0.2	65.5	62.1	62.6	0.5	65.7	63.7	64.7	1.0	67.8	63.7	64.8	1.1	67.9	63.2	64.1	0.9	67.2	63.2	63.2	0.0	66.3
Z	5	60.9	61.5	0.5	64.6	60.9	61.8	0.8	64.9	62.9	64.0	1.1	67.1	62.9	64.7	1.8	67.8	62.3	63.6	1.3	66.7	62.3	62.3	0.1	65.4
Z	top floor	59.3	60.2	0.9	63.3	59.3	60.6	1.3	63.7	61.9	63.6	1.7	66.7	61.9	64.6	2.7	67.7	61.0	63.1	2.0	66.2	61.0	61.4	0.4	64.5
AA	at-grade	64.9	64.9	0.1	68.0	64.9	64.9	0.1	68.0	66.2	66.3	0.1	69.4	66.2	66.9	0.7	70.0	65.8	66.6	0.9	69.7	65.8	66.0	0.3	69.1
AA	3	64.6	64.8	0.2	67.9	64.6	64.8	0.2	67.9	67.4	67.5	0.1	70.6	67.4	68.3	0.9	71.4	66.6	67.8	1.2	70.9	66.6	66.9	0.4	70.0
AA	top floor	63.4	64.0	0.6	67.1	63.4	64.2	0.8	67.3	66.8	67.8	1.0	70.9	66.8	68.4	1.6	71.5	65.9	67.4	1.6	70.5	65.9	66.3	0.5	69.4

Construction Noise Results (Weekdays)

SCENARIO C

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
BB	at-grade	65.8	65.9	0.1	69.0	65.8	65.8	0.1	68.9	73.8	73.8	0.0	76.9	73.8	74.2	0.4	77.3	72.9	73.3	0.4	76.4	72.9	73.0	0.2	76.1
BB	3	65.9	66.5	0.6	69.6	65.9	66.7	0.8	69.8	75.8	76.0	0.2	79.1	75.8	76.3	0.5	79.4	74.2	74.7	0.6	77.8	74.2	74.4	0.2	77.5
BB	top floor	65.4	66.4	1.0	69.5	65.4	66.3	0.9	69.4	75.7	76.0	0.3	79.1	75.7	76.3	0.6	79.4	73.4	74.3	0.9	77.4	73.4	73.8	0.3	76.9
CC	at-grade	65.8	66.3	0.5	69.4	65.8	66.3	0.5	69.4	66.0	66.7	0.7	69.8	66.0	67.0	1.1	70.1	66.0	69.5	3.6	72.6	66.0	69.2	3.3	72.3
CC	3	65.2	66.2	1.0	69.3	65.2	66.2	1.0	69.3	65.5	67.6	2.1	70.7	65.5	67.4	1.9	70.5	65.4	72.6	7.2	75.7	65.4	72.3	6.9	75.4
CC	top floor	64.1	65.9	1.8	69.0	64.1	66.1	2.0	69.2	64.5	68.3	3.8	71.4	64.5	67.2	2.7	70.3	64.4	72.9	8.6	76.0	64.4	72.8	8.4	75.9
DD	at-grade	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5	61.6	61.6	0.0	63.5
DD	3	60.6	60.6	0.0	62.5	60.6	60.6	0.0	62.5	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.7	0.1	62.6	60.6	60.6	0.0	62.5
DD	5	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.3	0.1	61.2	59.2	59.5	0.3	61.4	59.2	59.8	0.6	61.7	59.2	59.2	0.0	61.1
DD	10	57.4	58.9	1.5	60.8	57.4	59.6	2.2	61.5	57.5	60.7	3.2	62.6	57.5	60.4	2.9	62.3	57.4	59.4	2.0	61.3	57.4	58.0	0.6	59.9
DD	top floor	57.7	59.9	2.1	61.8	57.7	60.5	2.8	62.4	57.9	62.2	4.2	64.1	57.9	61.3	3.4	63.2	57.7	60.4	2.7	62.3	57.7	58.9	1.2	60.8
EE	at-grade	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8	65.9	65.9	0.0	67.8
EE	3	65.1	65.1	0.0	67.0	65.1	65.1	0.0	67.0	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.2	0.1	67.1	65.1	65.1	0.0	67.0
EE	5	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.7	0.1	65.6	63.6	63.8	0.2	65.7	63.6	63.9	0.3	65.8	63.6	63.6	0.0	65.5
EE	top floor	61.7	62.1	0.4	64.0	61.7	62.3	0.5	64.2	61.7	62.5	0.7	64.4	61.7	63.1	1.3	65.0	61.7	62.6	0.9	64.5	61.7	61.8	0.1	63.7
FF	at-grade	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	62.6	0.3	64.5	62.3	66.7	4.4	68.6	62.3	66.7	4.4	68.6
FF	3	62.5	62.8	0.3	64.7	62.5	62.8	0.4	64.7	62.5	62.9	0.4	64.8	62.5	62.9	0.5	64.8	62.5	68.8	6.4	70.7	62.5	68.8	6.4	70.7
FF	top floor	61.9	62.5	0.6	64.4	61.9	62.7	0.8	64.6	61.9	62.7	0.8	64.6	61.9	62.5	0.7	64.4	61.9	70.3	8.4	72.2	61.9	70.0	8.2	71.9

Construction Noise Results (Weekdays)

SCENARIO C

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
X1	at-grade	67.1	68.6	1.4	71.2	67.1	68.1	1.0	70.7	67.2	70.5	3.3	73.1	67.2	71.5	4.3	74.1	67.2	71.5	4.2	74.1	67.2	69.9	2.7	72.5
X1	top floor	67.7	72.3	4.6	74.9	67.7	69.0	1.3	71.6	67.7	75.8	8.1	78.4	67.7	74.5	6.8	77.1	67.7	75.6	7.8	78.2	67.7	72.4	4.7	75.0
X2	at-grade	63.2	66.0	2.7	68.6	63.2	65.3	2.1	67.9	63.3	71.7	8.4	74.3	63.3	69.6	6.3	72.2	63.3	67.7	4.4	70.3	63.3	67.7	4.4	70.3
X2	top floor	62.6	70.1	7.4	72.7	62.6	65.9	3.2	68.5	62.7	77.5	14.8	80.1	62.7	72.3	9.6	74.9	62.7	68.9	6.2	71.5	62.7	69.3	6.6	71.9
X3	at-grade	62.5	64.1	1.6	66.7	62.5	64.1	1.6	66.7	62.5	68.1	5.6	70.7	62.5	66.4	3.9	69.0	62.5	64.8	2.2	67.4	62.5	67.9	5.4	70.5
X3	3	61.7	64.2	2.5	66.8	61.7	63.9	2.2	66.5	61.7	72.8	11.1	75.4	61.7	67.5	5.7	70.1	61.7	65.2	3.5	67.8	61.7	70.3	8.6	72.9
X3	5	60.3	63.9	3.6	66.5	60.3	62.9	2.6	65.5	60.3	74.3	13.9	76.9	60.3	68.9	8.6	71.5	60.3	64.7	4.4	67.3	60.3	72.8	12.4	75.4
X3	top floor	59.3	63.6	4.2	66.2	59.3	62.3	3.0	64.9	59.4	74.1	14.7	76.7	59.4	68.8	9.4	71.4	59.3	64.8	5.5	67.4	59.3	72.2	12.9	74.8
X4	at-grade	62.8	64.3	1.5	66.9	62.8	64.1	1.3	66.7	62.8	67.2	4.4	69.8	62.8	66.1	3.3	68.7	62.8	64.9	2.0	67.5	62.8	67.3	4.5	69.9
X4	top floor	62.7	64.5	1.8	67.1	62.7	64.1	1.4	66.7	62.7	68.7	6.0	71.3	62.7	67.1	4.4	69.7	62.7	65.3	2.6	67.9	62.7	68.6	5.9	71.2
X5	at-grade	63.5	64.9	1.3	67.5	63.5	64.8	1.2	67.4	63.6	67.2	3.7	69.8	63.6	66.2	2.6	68.8	63.6	65.3	1.7	67.9	63.6	67.1	3.5	69.7
X5	top floor	63.4	65.2	1.8	67.8	63.4	64.9	1.5	67.5	63.6	68.7	5.1	71.3	63.6	67.0	3.4	69.6	63.5	65.7	2.2	68.3	63.5	67.9	4.4	70.5
X6	at-grade	64.6	65.5	0.9	68.1	64.6	65.5	0.9	68.1	64.6	67.2	2.6	69.8	64.6	66.5	1.8	69.1	64.6	66.0	1.3	68.6	64.6	67.0	2.4	69.6
X6	top floor	64.6	65.8	1.2	68.4	64.6	65.6	1.0	68.2	64.6	68.2	3.6	70.8	64.6	67.1	2.4	69.7	64.6	66.3	1.7	68.9	64.6	67.5	2.8	70.1
X7	at-grade	61.8	62.7	0.9	65.3	61.8	62.9	1.1	65.5	61.9	67.8	5.9	70.4	61.9	65.0	3.1	67.6	61.9	62.8	0.9	65.4	61.9	68.6	6.6	71.2
X7	3	61.9	63.0	1.2	65.6	61.9	63.0	1.1	65.6	62.0	70.8	8.8	73.4	62.0	68.1	6.1	70.7	61.9	63.6	1.7	66.2	61.9	73.8	11.9	76.4
X7	top floor	60.9	62.3	1.4	64.9	60.9	62.1	1.2	64.7	61.8	70.6	8.8	73.2	61.8	68.0	6.2	70.6	61.0	62.9	2.0	65.5	61.0	73.4	12.4	76.0
X8	at-grade	62.6	63.7	1.1	66.3	62.6	63.6	1.0	66.2	62.7	67.4	4.7	70.0	62.7	65.4	2.7	68.0	62.6	63.5	0.9	66.1	62.6	67.4	4.8	70.0
X8	3	62.5	63.7	1.2	66.3	62.5	63.5	1.0	66.1	62.6	69.5	6.9	72.1	62.6	67.4	4.8	70.0	62.5	64.2	1.7	66.8	62.5	70.4	7.9	73.0
X8	top floor	61.8	63.0	1.2	65.6	61.8	62.7	1.0	65.3	62.2	69.3	7.1	71.9	62.2	67.3	5.1	69.9	61.8	63.8	2.1	66.4	61.8	71.1	9.4	73.7
X9	at-grade	63.1	64.1	0.9	66.7	63.1	63.9	0.8	66.5	63.2	66.9	3.7	69.5	63.2	65.6	2.4	68.2	63.2	64.0	0.8	66.6	63.2	66.9	3.6	69.5
X9	3	63.1	64.1	0.9	66.7	63.1	64.0	0.8	66.6	63.2	68.8	5.6	71.4	63.2	66.7	3.5	69.3	63.2	64.6	1.4	67.2	63.2	68.4	5.2	71.0
X9	top floor	62.5	63.5	1.0	66.1	62.5	63.3	0.8	65.9	62.7	68.5	5.8	71.1	62.7	66.7	4.0	69.3	62.6	64.2	1.6	66.8	62.6	69.8	7.2	72.4
X10	at-grade	64.1	64.8	0.7	67.4	64.1	64.7	0.6	67.3	64.1	66.6	2.4	69.2	64.1	65.6	1.5	68.2	64.1	64.7	0.6	67.3	64.1	66.6	2.5	69.2
X10	3	64.3	64.9	0.6	67.5	64.3	64.9	0.6	67.5	64.3	68.0	3.6	70.6	64.3	66.5	2.2	69.1	64.3	65.3	1.0	67.9	64.3	67.4	3.1	70.0
X10	top floor	63.9	64.5	0.6	67.1	63.9	64.5	0.6	67.1	63.9	68.0	4.0	70.6	63.9	66.7	2.8	69.3	63.8	65.2	1.4	67.8	63.8	68.6	4.8	71.2
X11	at-grade	54.6	55.3	0.7	57.9	54.6	59.4	4.7	62.0	54.7	62.6	7.9	65.2	54.7	61.8	7.1	64.4	54.7	56.6	1.9	59.2	54.7	56.1	1.4	58.7
X11	3	55.7	56.6	0.9	59.2	55.7	61.9	6.2	64.5	55.8	67.2	11.4	69.8	55.8	68.8	13.0	71.4	55.8	60.5	4.7	63.1	55.8	57.2	1.4	59.8
X11	top floor	57.8	59.4	1.6	62.0	57.8	68.9	11.0	71.5	57.9	73.9	16.0	76.5	57.9	71.9	14.0	74.5	57.9	63.5	5.6	66.1	57.9	58.8	0.9	61.4
X12	at-grade	54.6	55.2	0.5	57.8	54.6	56.3	1.7	58.9	54.7	58.5	3.8	61.1	54.7	57.2	2.5	59.8	54.7	55.5	0.8	58.1	54.7	55.5	0.8	58.1
X12	3	56.3	57.3	1.0	59.9	56.3	58.1	1.8	60.7	56.4	59.9	3.6	62.5	56.4	58.7	2.3	61.3	56.4	57.2	0.8	59.8	56.4	57.0	0.6	59.6
X12	top floor	60.7	61.0	0.3	63.6	60.7	62.3	1.6	64.9	60.8	63.6	2.9	66.2	60.8	65.4	4.6	68.0	60.8	61.6	0.8	64.2	60.8	61.0	0.2	63.6
X13	at-grade	54.6	55.7	1.0	58.3	54.6	57.8	3.1	60.4	54.7	58.3	3.7	60.9	54.7	57.9	3.2	60.5	54.7	57.3	2.6	59.9	54.7	55.3	0.6	57.9
X13	3	56.2	59.0	2.8	61.6	56.2	60.8	4.6	63.4	56.3	61.5	5.3	64.1	56.3	60.9	4.6	63.5	56.3	60.9	4.6	63.5	56.3	58.0	1.7	60.6
X13	top floor	59.9	61.4	1.5	64.0	59.9	63.6	3.7	66.2	60.0	64.1	4.1	66.7	60.0	64.6	4.6	67.2	60.0	63.8	3.8	66.4	60.0	60.8	0.8	63.4
I1	at-grade	64.8	70.5	5.7	73.0	64.8	70.7	5.9	73.2	64.8	70.8	6.1	73.3	64.8	69.3	4.5	71.8	64.8	70.5	5.7	73.0	64.8	69.8	5.0	72.3
I1	3	63.4	73.6	10.2	76.1	63.4	73.5	10.1	76.0	63.4	74.8	11.4	77.3	63.4	72.2	8.8	74.7	63.4	76.4	13.0	78.9	63.4	75.8	12.4	78.3
I1	top floor	62.0	75.0	13.1	77.5	62.0	74.6	12.7	77.1	61.9	75.6	13.7	78.1	61.9	73.3	11.4	75.8	61.9	76.4	14.4	78.9	61.9	75.6	13.7	78.1
I2	at-grade	63.3	66.1	2.8	68.6	63.3	66.5	3.2	69.0	63.3	67.9	4.6	70.4	63.3	69.3	6.0	71.8	63.3	70.4	7.1	72.9	63.3	69.3	6.0	71.8
I2	3	61.7	66.8	5.1	69.3	61.7	67.0	5.3	69.5	61.7	70.9	9.1	73.4	61.7	74.5	12.8	77.0	61.7	76.2	14.4	78.7	61.7	76.5	14.8	79.0
I2	5	60.0	67.8	7.8	70.3	60.0	67.5	7.5	70.0	60.0	71.3	11.3	73.8	60.0	75.1	15.1	77.6	60.0	76.7	16.7	79.2	60.0	75.5	15.5	78.0
I2	top floor	58.9	67.5	8.5	70.0	58.9	67.0	8.1	69.5	58.8	71.0	12.1	73.5	58.8	74.1	15.3	76.6	58.8	75.6	16.8	78.1	58.8	74.1	15.3	76.6
I3	at-grade	61.6	63.9	2.3	66.4	61.6	64.0	2.4	66.5	61.6	65.1	3.5	67.6	61.6	65.8	4.2	68.3	61.6	66.6	5.0	69.1	61.6	65.7	4.1	68.2
I3	3	61.2	64.6	3.4	67.1	61.2	64.5	3.3	67.0	61.2	67.4	6.2	69.9	61.2	67.3	6.1	69.8	61.2	68.4	7.2	70.9	61.2	67.5	6.3	70.0
I3	5	60.0	65.1	5.1	67.6	60.0	64.7	4.7	67.2	60.0	66.2	6.2	68.7	60.0	69.3	9.2	71.8	60.0	70.6	10.6	73.1	60.0	69.5	9.5	72.0
I3	top floor	59.1	64.7	5.6	67.2	59.1	64.3	5.3	66.8	59.0	67.1	8.1	69.6	59.0	68.9	9.9	71.4	59.0	70.2	11.2	72.7	59.0	69.1	10.0	71.6
I4	at-grade	62.0	63.9	1.9	66.4	62.0	64.0	1.9	66.5	62.0	65.0	3.0	67.5	62.0	65.4	3.4	67.9	62.0	66.1	4.1	68.6	62.0	65.3	3.3	67.8
I4	3	61.7	64.5	2.8	67.0	61.7	64.4	2.7	66.9	61.6	66.5	4.9	69.0	61.6	66.4	4.8	68.9	61.6	67.3	5.7	69.8	61.6	66.4	4.8	68.9
I4	5	60.5	64.7	4.2	67.2	60.5	64.3	3.8	66.8	60.4	65.4	5.0	67.9	60.4	67.9	7.5	70.4	60.4	69.2	8.9	71.7	60.4	68.1	7.7	70.6
I4	top floor	59.7	64.3	4.6	66.8	59.7	63.9	4.2	66.4	59.5	66.3	6.8	68.8	59.5	67.6	8.1	70.1	59.5	68.9	9.4	71.4	59.5	67.7	8.2	70.2
I5	at-grade	62.0	63.6	1.6	66.1	62.0	63.6	1.6	66.1	62.1	64.5	2.4	67.0	62.1	64.9	2.8	67.4	62.1	65.5	3.4	68.0	62.1	64.7	2.6	67.2
I5	3	62.0	64.3	2.3	66.8	62.0	64.2	2.3	66.7	62.0	65.9	4.0	68.4	62.0	65.7	3.7	68.2	62.0	66.4	4.4	68.9	62.0	65.6	3.6	68.1
I5	top floor	61.0	64.3	3.3	66.8	61.0	64.0	3.0	66.5	61.0	64.8	3.8	67.3	61.0	66.9	5.9	69.4	61.0	68.0	7.0	70.5	61.0	66.9	5.9	69.4
I6	at-grade	60.8	61.9	1.1	64.4	60.8	62.4	1.6	64.9	60.8	63.2	2.4	65.7	60.8	63.7	2.9	66.2	60.8	64.3	3.5	66.8	60.8	64.2	3.4	66.7
I6	3	60.5	62.3	1.8	64.8	60.5	62.6	2.1	65.1	60.5	64.1	3.6	66.6	60.5	64.9	4.4	67.4	60.5	65.7	5.2	68.2	60.5	65.5	5.0	68.0

Construction Noise Results (Weekdays) **SCENARIO C**

Exceed 3dBA or more
Exceed Leq 65 dBA
Location of Impact

CadnaA Receptor Sites	Elevation (floor)	Construction Duration																							
		Month 6 (2012-June)				Month 13 (2013-January)				Month 19 (2013-July)				Month 25 (2014-January)				Month 31 (2014-July)				Month 37 (2015-January)			
		NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10	NoBuild Leq	Build Leq	Leq Change	Build L10
I6	5	59.2	61.3	2.0	63.8	59.2	61.6	2.4	64.1	59.2	63.3	4.1	65.8	59.2	64.2	5.0	66.7	59.2	65.2	6.0	67.7	59.2	64.8	5.6	67.3
I6	10	56.4	59.2	2.8	61.7	56.4	59.4	2.9	61.9	56.4	61.8	5.4	64.3	56.4	62.8	6.3	65.3	56.4	63.7	7.3	66.2	56.4	63.0	6.6	65.5
I6	top floor	55.4	58.6	3.1	61.1	55.4	58.8	3.4	61.3	55.4	61.3	5.9	63.8	55.4	62.1	6.7	64.6	55.4	63.0	7.6	65.5	55.4	62.1	6.6	64.6
I7	at-grade	61.0	62.3	1.3	64.8	61.0	62.4	1.4	64.9	61.0	64.3	3.3	66.8	61.0	64.3	3.3	66.8	61.0	64.8	3.8	67.3	61.0	65.1	4.1	67.6
I7	3	60.6	63.0	2.4	65.5	60.6	63.1	2.5	65.6	60.6	66.3	5.7	68.8	60.6	66.2	5.6	68.7	60.6	66.6	6.0	69.1	60.6	67.2	6.6	69.7
I7	top floor	59.4	62.0	2.6	64.5	59.4	62.1	2.7	64.6	59.4	66.0	6.6	68.5	59.4	65.8	6.4	68.3	59.4	66.5	7.1	69.0	59.4	66.8	7.4	69.3
I8	at-grade	63.5	64.6	1.1	67.1	63.5	64.6	1.1	67.1	63.5	65.2	1.7	67.7	63.5	65.6	2.1	68.1	63.5	66.0	2.5	68.5	63.5	65.5	2.0	68.0
I8	3	62.9	65.3	2.4	67.8	62.9	65.1	2.2	67.6	62.9	66.4	3.5	68.9	62.9	66.5	3.6	69.0	62.9	67.1	4.2	69.6	62.9	66.1	3.2	68.6
I8	top floor	61.9	64.4	2.5	66.9	61.9	64.3	2.4	66.8	61.9	65.8	3.9	68.3	61.9	66.6	4.7	69.1	61.9	67.5	5.6	70.0	61.9	66.5	4.6	69.0
I9	at-grade	54.7	58.0	3.3	60.5	54.7	61.9	7.3	64.4	54.7	65.5	10.8	68.0	54.7	63.7	9.0	66.2	54.7	59.6	4.9	62.1	54.7	56.5	1.8	59.0
[redacted]	3	56.6	61.8	5.3	64.3	56.6	63.8	7.2	66.3	57.1	69.7	12.6	72.2	57.1	70.5	13.4	73.0	56.7	63.3	6.7	65.8	56.7	59.3	2.6	61.8
I9	5	60.9	63.5	2.5	66.0	60.9	64.5	3.5	67.0	61.1	71.6	10.5	74.1	61.1	70.7	9.6	73.2	60.9	64.2	3.3	66.7	60.9	61.6	0.7	64.1
I9	10	69.1	69.6	0.5	72.1	69.1	69.7	0.5	72.2	69.2	73.2	4.0	75.7	69.2	73.3	4.1	75.8	69.2	69.9	0.7	72.4	69.2	69.4	0.2	71.9
I9	top floor	73.0	73.2	0.2	75.7	73.0	73.2	0.2	75.7	73.0	75.3	2.3	77.8	73.0	75.7	2.7	78.2	73.0	73.4	0.4	75.9	73.0	73.1	0.1	75.6
I10	at-grade	54.6	55.2	0.6	57.7	54.6	56.5	1.9	59.0	54.7	57.1	2.5	59.6	54.7	56.2	1.5	58.7	54.7	55.9	1.2	58.4	54.7	55.2	0.5	57.7
I10	3	56.5	57.2	0.7	59.7	56.5	58.4	1.9	60.9	56.6	58.8	2.2	61.3	56.6	59.0	2.4	61.5	56.6	58.2	1.6	60.7	56.6	57.0	0.5	59.5
I10	top floor	59.7	60.1	0.3	62.6	59.7	60.5	0.8	63.0	60.0	61.6	1.6	64.1	60.0	61.3	1.3	63.8	59.8	60.5	0.7	63.0	59.8	60.0	0.2	62.5
I11	at-grade	54.6	56.0	1.4	58.5	54.6	56.5	1.9	59.0	54.6	58.9	4.3	61.4	54.6	58.8	4.2	61.3	54.6	57.3	2.7	59.8	54.6	55.2	0.6	57.7
I11	3	56.4	58.8	2.4	61.3	56.4	58.8	2.4	61.3	56.4	62.2	5.8	64.7	56.4	62.8	6.4	65.3	56.4	59.6	3.2	62.1	56.4	57.5	1.1	60.0
I11	top floor	59.6	61.1	1.5	63.6	59.6	60.5	0.9	63.0	59.6	64.6	4.9	67.1	59.6	64.6	4.9	67.1	59.6	61.5	1.9	64.0	59.6	59.9	0.3	62.4
A1	at-grade	72.5	73.0	0.5	76.0	72.5	72.9	0.4	75.9	72.6	73.3	0.7	76.3	72.6	73.0	0.4	76.0	72.4	74.4	2.0	77.4	72.4	74.3	1.8	77.3