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**APPENDIX F**  
**NOISE CALCULATIONS**



## Noise Appendix

- A. Construction Noise Level Calculations
- B. Operational Noise Level Calculations
- C. Vibration Level Calculations

## Appendix A

# Construction Noise Level Calculations

**Domain Project Recirculated Draft EIR**  
**Construction Noise Levels - Unmitigated**

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Single- and Multi-Family Residences located adjacent to the north of project site	20	0	89.0	57.4	89.0	31.6
Single- and Multi-Family Residences located northwest of project site	145	0	79.8	57.4	79.8	22.4
Single- and Multi-Family Residences located northeast of project site	220	0	76.1	66.1	76.5	10.4
Samy Hotel located north of project site	285	0	73.9	57.4	74.0	16.6
Poinsettia Recreation Center located south of project site	1,090	6	56.2	59.2	61.0	1.8

**Domain Project Recirculated Draft EIR**  
**Construction Noise Levels - Mitigated**

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Single- and Multi-Family Residences located adjacent to the north of project site /a/	20	9	80.0	57.4	80.0	22.6
Single- and Multi-Family Residences located northwest of project site /a	145	9	70.8	57.4	70.9	13.5
Single- and Multi-Family Residences located northeast of project site /a/	220	9	67.1	66.1	69.7	3.6
Samy Hotel located north of project site /a/	285	9	64.9	57.4	65.6	8.2
Poinsettia Recreation Center located south of project site /b	1,090	9	53.2	59.2	60.2	1.0

## Appendix B

### Operational Noise Level Calculations

**Domain Project Recirculated Draft EIR**  
**Parking Activity Noise Levels - Unmitigated**

<b>Reference Noise Distance</b>	<b>50</b>					
<b>Reference Noise Level</b>	<b>58.1</b>					
	<b>Distance (feet)</b>	<b>Attenuation Factors</b>	<b>Maximum Construction Noise Level (dBA)</b>	<b>Existing Ambient (dBA, Leq)</b>	<b>New Ambient (dBA, Leq)</b>	<b>Increase</b>
<b>Sensitive Receptor</b>						
Single- and Multi-Family Residences located adjacent to the north of project site	20	0	58.1	57.4	60.8	3.4
Single- and Multi-Family Residences located northwest of project site	145	0	48.9	57.4	58.0	0.6
Single- and Multi-Family Residences located northeast of project site	220	0	54.8	66.1	66.4	0.3
Samy Hotel located north of project site	285	0	53.1	57.4	58.8	1.4
Poinsettia Recreation Center located south of project site	1,090	6	25.3	59.2	59.2	0.0

**Domain Project Recirculated Draft EIR**  
**Theater/Projection Room Activity Noise Levels - Unmitigated**

<b>Reference Noise Distance</b>	<b>50</b>					
<b>Reference Noise Level</b>	<b>90</b>					
	<b>Distance (feet)</b>	<b>Attenuation Factors</b>	<b>Maximum Construction Noise Level (dBA)</b>	<b>Existing Ambient (dBA, Leq)</b>	<b>New Ambient (dBA, Leq)</b>	<b>Increase</b>
<b>Sensitive Receptor</b>						
Single- and Multi-Family Residences located adjacent to the north of project site	20	0	58.1	57.4	60.8	3.4
Single- and Multi-Family Residences located northwest of project site	145	0	48.9	57.4	58.0	0.6
Single- and Multi-Family Residences located northeast of project site	220	0	54.8	66.1	66.4	0.3
Samy Hotel located north of project site	285	0	53.1	57.4	58.8	1.4
Poinsettia Recreation Center located south of project site	1,090	6	25.3	59.2	59.2	0.0

## Appendix C

### Vibration Level Calculations



**Domain Project Recirculated Draft EIR**  
**Parking Activity Noise Levels - Unmitigated**

<b>Reference Noise Distance</b>	<b>50</b>					
<b>Reference Noise Level</b>	<b>58.1</b>					
	<b>Distance (feet)</b>	<b>Attenuation Factors</b>	<b>Maximum Construction Noise Level (dBA)</b>	<b>Existing Ambient (dBA, Leq)</b>	<b>New Ambient (dBA, Leq)</b>	<b>Increase</b>
<b>Sensitive Receptor</b>						
Single- and Multi-Family Residences located adjacent to the north of project site	20	0	58.1	57.4	60.8	3.4
Single- and Multi-Family Residences located northwest of project site	145	0	48.9	57.4	58.0	0.6
Single- and Multi-Family Residences located northeast of project site	220	0	54.8	66.1	66.4	0.3
Samy Hotel located north of project site	285	0	53.1	57.4	58.8	1.4
Poinsettia Recreation Center located south of project site	1,090	6	25.3	59.2	59.2	0.0

**Domain Project Recirculated Draft EIR**  
**Theater/Projection Room Activity Noise Levels - Unmitigated**

<b>Reference Noise Distance</b>	<b>50</b>					
<b>Reference Noise Level</b>	<b>90</b>					
	<b>Distance (feet)</b>	<b>Attenuation Factors</b>	<b>Maximum Construction Noise Level (dBA)</b>	<b>Existing Ambient (dBA, Leq)</b>	<b>New Ambient (dBA, Leq)</b>	<b>Increase</b>
<b>Sensitive Receptor</b>						
Single- and Multi-Family Residences located adjacent to the north of project site	20	0	58.1	57.4	60.8	3.4
Single- and Multi-Family Residences located northwest of project site	145	0	48.9	57.4	58.0	0.6
Single- and Multi-Family Residences located northeast of project site	220	0	54.8	66.1	66.4	0.3
Samy Hotel located north of project site	285	0	53.1	57.4	58.8	1.4
Poinsettia Recreation Center located south of project site	1,090	6	25.3	59.2	59.2	0.0

