Noise Appendix

16201 Raymer Street Project

per applicant email dated 5/6/2024, this document was prepared by Noah Tanski, Noah Tanski Environmental Consulting; November 22, 2023
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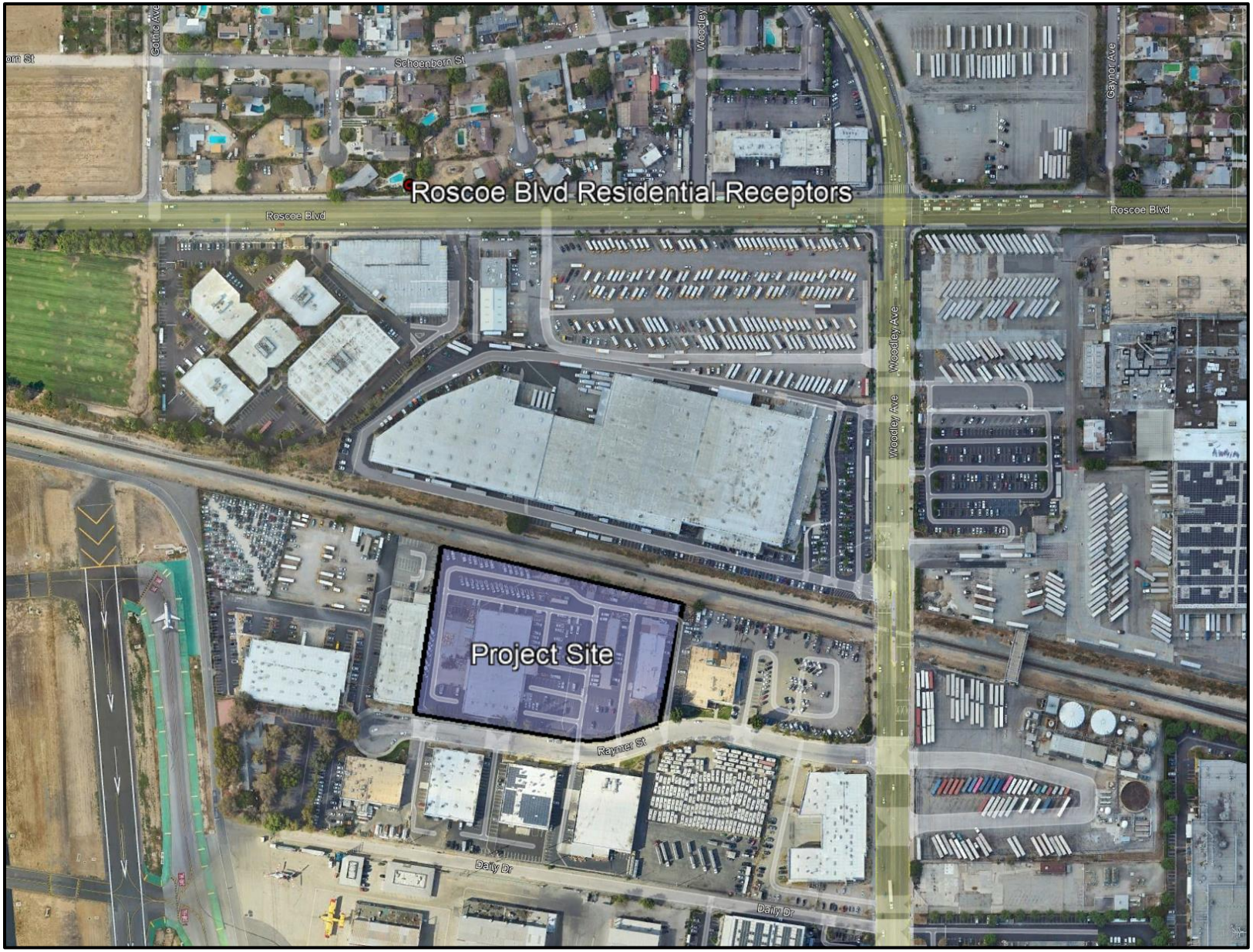

NOISE RECEPTOR LOCATION MAP

16201 Raymer Street Project

Imagery via Google

Construction Noise Impact Analysis

noah tanski environmental consulting

Residences Near Roscoe Boulevard: DEMOLITION & GRADING

Ambient Noise Level:	60.0 dBA Leq	(minimum assumed)

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Excavator at 800ft	51.8	0.4	47.8
Loader at 800ft	48.3	0.4	44.3
Bulldozer at 800ft	55.9	0.4	51.9
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	53.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	53.9 dBA Leq
Shielding (intervening buildings)	10 dBA
Ground Factor	0
Unmitigated Construction Noise Level	43.9 dBA Leq
Ambient Noise Level	60.0 dBA
New Noise Level	60.1 dBA Leq
Unmitigated Noise Increase	**0.1 dBA**

16201 Raymer Street Project: Construction Vibration - PPV (in/sec)

Unmitigated

Grading Equipment		
Equipment:	Large Bulldozer and Equivalent	
Equipment PPV (in/sec):	0.089	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
16301 Raymer Street*	10	0.244
16161 Raymer Street*	10	0.244
-	-	-
-	-	-
-	-	-
-	-	-

*Assumes typical equipment setback. Equipment would not operate directly on the property line.