

Appendix FEIR-16

Supplemental Noise Analysis Worksheets

TVC 2050 Project – Final EIR

Supplemental Noise Calculations Worksheets

Provided by Acoustical Engineering Services

On-Site Construction Staging

Project: TVC 2050

On-Site Construction Staging

Receptor	Daytime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Significance threshold, dBA (Leq)	Noise Exceedance, dBA (Leq)
R1	61.1	59.9	66.1	0.0
R2	62.8	52.9	67.8	0.0
R3	68.5	58.7	73.5	0.0
R4	67.7	53.2	72.7	0.0
R5	58.9	58.5	63.9	0.0
R6	60.4	45.4	65.4	0.0
R7	56.6	53.8	61.6	0.0
R8	66.9	64.6	71.9	0.0
R9	56.0	55.2	61.0	0.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Assumptions:

Truck idling noise levels (FWHA):

76 dBA (Lmax), Draft EIR (Table IV.I-9)
 72 dBA (Leq) at 50 feet (converted from Lmax)
 104 Converted to Sound Power Level (Lw), dBA
 113 Adjusted for 8 trucks, Lw (dBA), number of trucks idling at the same time
 54 During Grading phase (Draft EIR Table IV.I-11)

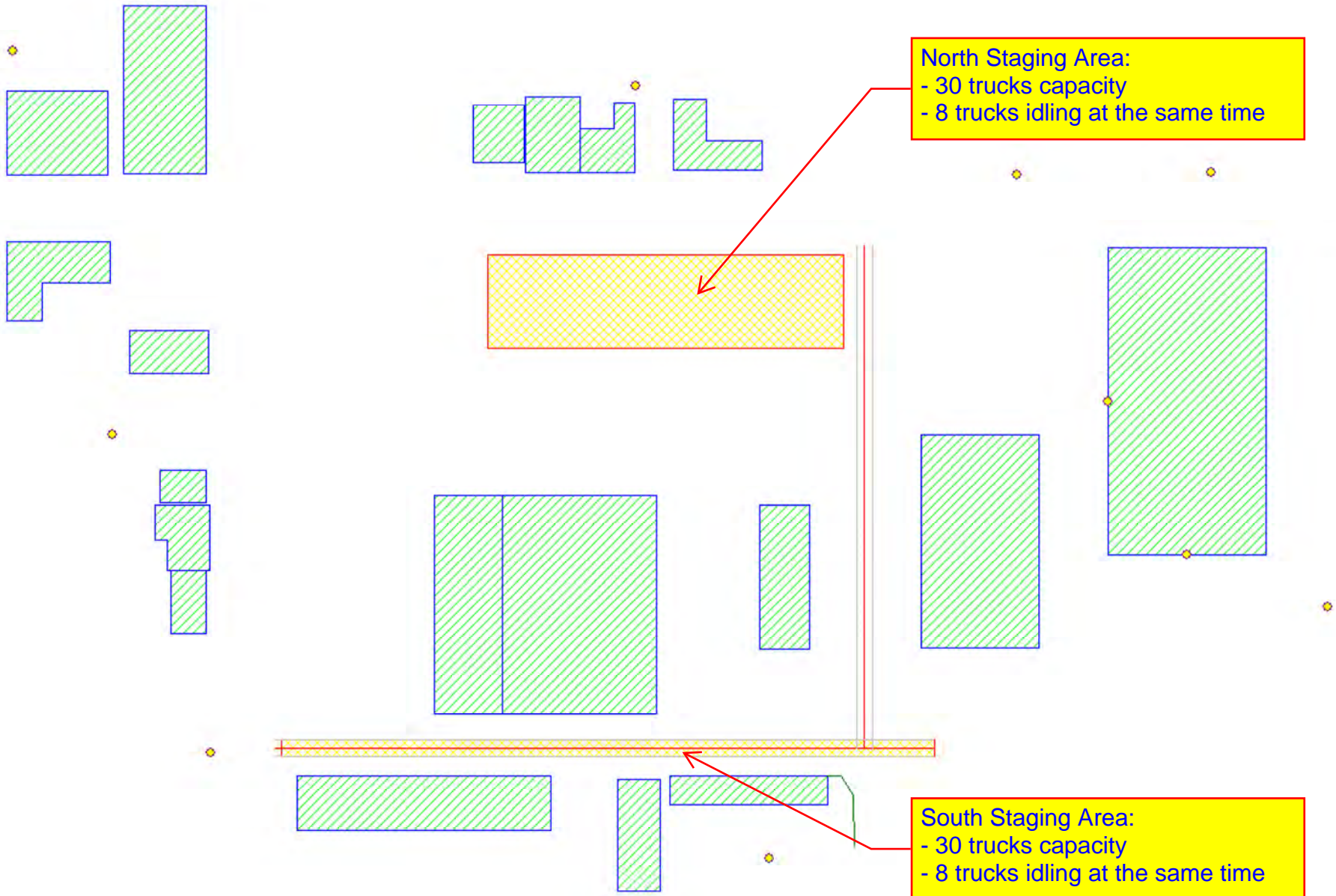
Number of Trucks per Hour:

Composite Noise Levels, Staging + Grading

Receptor	Grading Noise Levels, dBA (Leq)	Staging Noise Levels, dBA (Leq)	Grading + Staging Noise Levels, dBA (Leq)	Noise Levels Increase, dBA (Leq)
R1	87.4	59.9	87.4	0.0
R2	80.6	52.9	80.6	0.0
R3	79.2	58.7	79.2	0.0
R4	74.9	53.2	74.9	0.0
R5	69.1	58.5	69.5	0.4
R6	60.5	45.4	60.6	0.1
R7	73.8	53.8	73.8	0.0
R8	79.2	64.6	79.3	0.1
R9	72.6	55.2	72.7	0.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

On-Site Construction Staging Areas



TVC (FEIR)
Source Levels in dB(A) - FEIR - On-Site Construction Staging (without mitigation)

Name	Source type	Lw dB(A)	
Trucks Staging Idling (north)	Area	113.0	
Trucks Staging Idling (south)	Area	113.0	

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TVC (FEIR)

Roadway Input - FEIR - On-Site Construction Staging (without mitigation)

Source	Vehicle Trips Per Hour (Veh/H), Daytime	
Haul Trucks	54.00	
Haul Trucks	54.00	

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TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Construction Staging

Source	Source type	Leq,d dB(A)	
Receiver R1 FI G Leq,d 59.9 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Trucks Staging Idling (north)	Area	58.8	
Trucks Staging Idling (south)	Area	41.1	
Haul Trucks	Road	53.4	
Haul Trucks	Road	30.5	
Receiver R1 FI F2 Leq,d 58.3 dB(A)			
Trucks Staging Idling (north)	Area	56.5	
Trucks Staging Idling (south)	Area	50.3	
Haul Trucks	Road	50.6	
Haul Trucks	Road	36.2	
Receiver R1b FI G Leq,d 50.7 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Trucks Staging Idling (north)	Area	31.5	
Trucks Staging Idling (south)	Area	49.3	
Haul Trucks	Road	27.8	
Haul Trucks	Road	44.9	
Receiver R1b FI F2 Leq,d 55.6 dB(A)			
Trucks Staging Idling (north)	Area	50.6	
Trucks Staging Idling (south)	Area	53.3	
Haul Trucks	Road	36.7	
Haul Trucks	Road	44.6	
Receiver R2 FI G Leq,d 52.9 dB(A)			
Trucks Staging Idling (north)	Area	31.6	
Trucks Staging Idling (south)	Area	51.1	
Haul Trucks	Road	40.3	
Haul Trucks	Road	47.2	
Receiver R3 FI G Leq,d 58.7 dB(A)			
Trucks Staging Idling (north)	Area	57.0	
Trucks Staging Idling (south)	Area	45.4	
Haul Trucks	Road	52.8	
Haul Trucks	Road	39.9	
Receiver R4 FI G Leq,d 53.2 dB(A)			
Trucks Staging Idling (north)	Area	52.3	
Trucks Staging Idling (south)	Area	32.2	
Haul Trucks	Road	45.6	
Haul Trucks	Road	21.1	
Receiver R5 FI G Leq,d 58.5 dB(A)			
Trucks Staging Idling (north)	Area	57.9	
Trucks Staging Idling (south)	Area	47.3	
Haul Trucks	Road	44.4	
Haul Trucks	Road	42.0	
Receiver R6 FI G Leq,d 45.4 dB(A)			

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TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Construction Staging

Source	Source type	Leq,d dB(A)	
Trucks Staging Idling (north)	Area	44.7	
Trucks Staging Idling (south)	Area	36.1	
Haul Trucks	Road	28.1	
Haul Trucks	Road	28.1	
Receiver R7 FI G Leq,d 53.8 dB(A)			
Trucks Staging Idling (north)	Area	52.2	
Trucks Staging Idling (south)	Area	45.1	
Haul Trucks	Road	42.2	
Haul Trucks	Road	43.8	
Receiver R8 FI G Leq,d 63.0 dB(A)			
Trucks Staging Idling (north)	Area	47.7	
Trucks Staging Idling (south)	Area	61.5	
Haul Trucks	Road	39.0	
Haul Trucks	Road	57.2	
Receiver R8 FI F2 Leq,d 64.6 dB(A)			
Trucks Staging Idling (north)	Area	50.6	
Trucks Staging Idling (south)	Area	63.8	
Haul Trucks	Road	36.4	
Haul Trucks	Road	55.8	
Receiver R9 FI G Leq,d 55.2 dB(A)			
Trucks Staging Idling (north)	Area	44.1	
Trucks Staging Idling (south)	Area	53.7	
Haul Trucks	Road	37.3	
Haul Trucks	Road	48.4	

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Mobility Hub

Project: TVC 2050

Daytime Analysis (7am to 10pm)

Receptor	Daytime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R1	61.1	1.7	61.1	0.0	66.1
R2	62.8	0.0	62.8	0.0	67.8
R3	68.5	3.1	68.5	0.0	73.5
R4	67.7	0.0	67.7	0.0	72.7
R5	58.9	10.6	58.9	0.0	63.9
R6	60.4	9.0	60.4	0.0	65.4
R7	56.6	23.5	56.6	0.0	61.6
R8	66.9	41.9	66.9	0.0	71.9
R9	56.0	13.5	56.0	0.0	61.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Nighttime Analysis (10pm to 7am)

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R1	53.3	0.0	53.3	0.0	58.3
R2	60.7	0.0	60.7	0.0	65.7
R3	67.5	0.0	67.5	0.0	72.5
R4	65.8	0.0	65.8	0.0	70.8
R5	57.8	5.5	57.8	0.0	62.8
R6	54.2	3.9	54.2	0.0	59.2
R7	53.1	18.4	53.1	0.0	58.1
R8	65.0	36.9	65.0	0.0	70.0
R9	52.1	8.4	52.1	0.0	57.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Source: Gibson Transportation Consulting, Inc., TVC 2050 Project Mobility Hub Usage Patterns, March 8, 2023

	Trips/day (A)	Trips/Busiest Hr	
		Day (7am-10pm)	Night (B) (10pm - 7am)
Shuttle	104	6	2
Uber/Lyft	298	24	6
Other (Van)	98	24	6
Pick-up/Drop-off Private Vehicles	298	24	4

(A) Represents one-way vehicle trips entering or leaving the Mobility Hub

(B) Nighttime trips would occur between 6-7am or 10-11pm

TVC (FEIR) Source Input - FEIR Mobility Hub

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TVC (FEIR)

Calculated Noise Levels - FEIR Mobility Hub

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R1 Floor G Leq,d 0.3 dB(A) Leq,n -4.8 dB(A)				Floor G - Ground Floor Floor 2 - Upper Floor
Mobility Hub	Road	0.3	-4.8	
Receptor R1 Floor F2 Leq,d 1.7 dB(A) Leq,n -3.4 dB(A)				
Mobility Hub	Road	1.7	-3.4	Receptor R1b represents the south side of the Broadcast Center Apartment building
Receptor R1b Floor G Leq,d -2.5 dB(A) Leq,n -7.6 dB(A)				
Mobility Hub	Road	-2.5	-7.6	
Receptor R1b Floor F2 Leq,d 1.6 dB(A) Leq,n -3.5 dB(A)				
Mobility Hub	Road	1.6	-3.5	
Receptor R2 Floor G Leq,d -4.8 dB(A) Leq,n -9.9 dB(A)				
Mobility Hub	Road	-4.8	-9.9	
Receptor R3 Floor G Leq,d 3.1 dB(A) Leq,n -2.0 dB(A)				
Mobility Hub	Road	3.1	-2.0	
Receptor R4 Floor G Leq,d -4.8 dB(A) Leq,n -10.0 dB(A)				
Mobility Hub	Road	-4.8	-10.0	
Receptor R5 Floor G Leq,d 10.6 dB(A) Leq,n 5.5 dB(A)				
Mobility Hub	Road	10.6	5.5	
Receptor R6 Floor G Leq,d 9.0 dB(A) Leq,n 3.9 dB(A)				
Mobility Hub	Road	9.0	3.9	
Receptor R7 Floor G Leq,d 23.5 dB(A) Leq,n 18.4 dB(A)				
Mobility Hub	Road	23.5	18.4	
Receptor R8 Floor G Leq,d 41.9 dB(A) Leq,n 36.9 dB(A)				
Mobility Hub	Road	41.9	36.9	
Receptor R8 Floor F2 Leq,d 41.0 dB(A) Leq,n 35.9 dB(A)				
Mobility Hub	Road	41.0	35.9	
Receptor R9 Floor G Leq,d 13.5 dB(A) Leq,n 8.4 dB(A)				
Mobility Hub	Road	13.5	8.4	

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Basecamp and Outdoor Production Activities

Project: TVC 2050

Daytime Analysis (7am to 10pm)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Daytime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	64.7	58.8	-5.9	61.1	66.3	63.1	-3.2
R2	52.5	54.0	1.5	62.8	63.2	63.3	0.1
R3	55.8	48.1	-7.7	68.5	68.7	68.5	-0.2
R4	47.8	41.1	-6.7	67.7	67.7	67.7	0.0
R5	49.5	49.2	-0.3	58.9	59.4	59.3	-0.1
R6	39.3	36.0	-3.3	60.4	60.4	60.4	0.0
R7	50.4	50.3	-0.1	56.6	57.5	57.5	0.0
R8	55.0	53.3	-1.7	66.9	67.2	67.1	-0.1
R9	49.5	42.4	-7.1	56.0	56.9	56.2	-0.7

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Nighttime Analysis (10pm to 7am)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Nighttime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	53.2	50.9	-2.3	53.3	56.3	55.3	-1.0
R2	42.1	47.2	5.1	60.7	60.8	60.9	0.1
R3	51.7	47.9	-3.8	67.5	67.6	67.5	-0.1
R4	46.0	41.0	-5.0	65.8	65.8	65.8	0.0
R5	49.3	49.2	-0.1	57.8	58.4	58.4	0.0
R6	38.3	35.9	-2.4	54.2	54.3	54.3	0.0
R7	50.2	50.3	0.1	53.1	54.9	54.9	0.0
R8	54.9	53.3	-1.6	65.0	65.4	65.3	-0.1
R9	48.7	42.1	-6.6	52.1	53.7	52.5	-1.2

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Assumptions: Source noise levels associated with typical basecamp and outdoor productions were measured at the existing Radford Studio Center on 3/28/2023

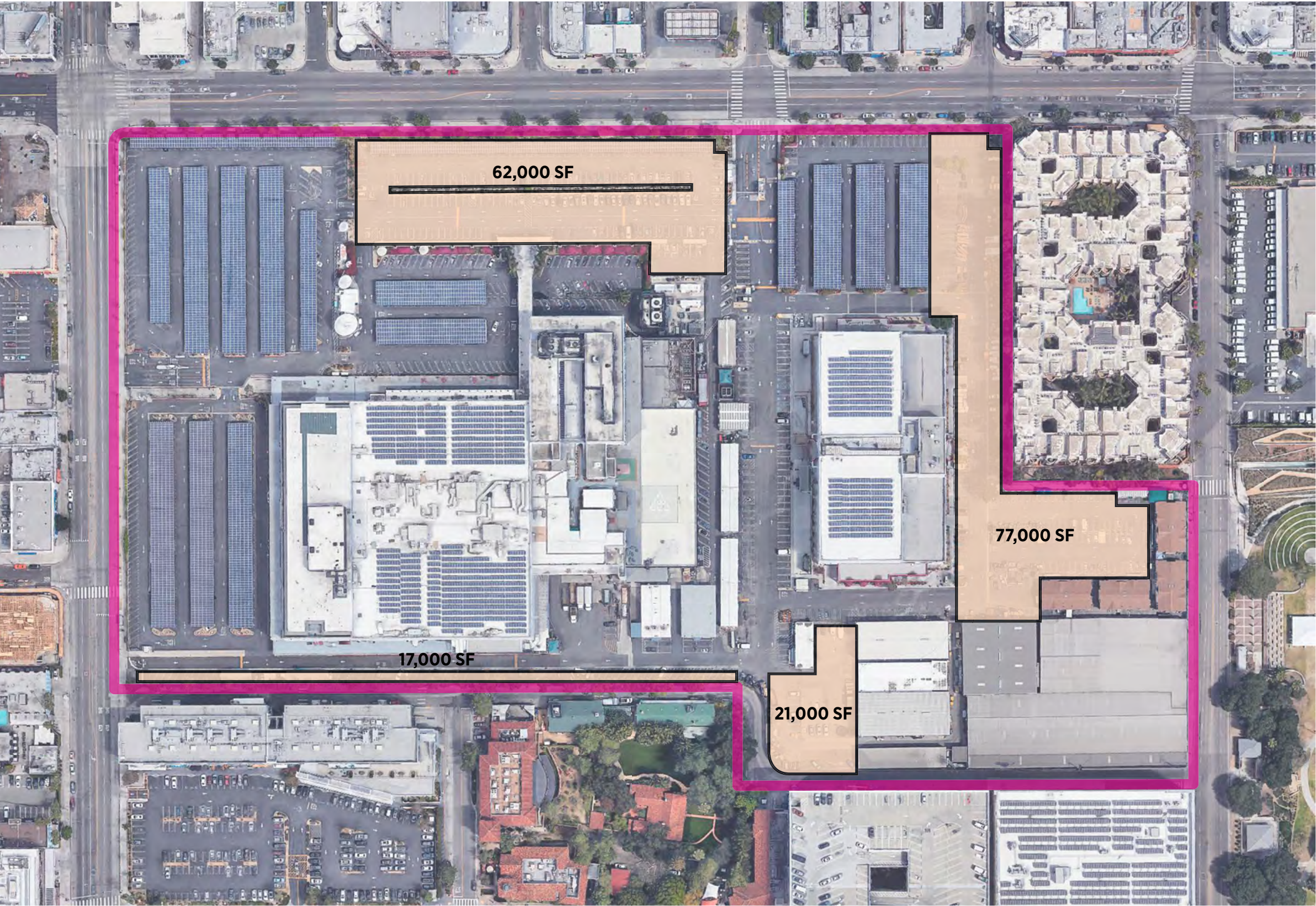
Basecamp: 65 dBA, sources included: people talking, rolling equipment, loading/unloading.

Outdoor Productions: 62 dBA, setup (rolling equipment), people talking, loading/unloading.

For the SoundPLAN noise model, basecamp and outdoor production were modeled with source levels of 65 dBA and 62 dBA per squaremeter, respectively.

The areas of the basecamp and outdoor production are provided in the SoundPLAN source input.

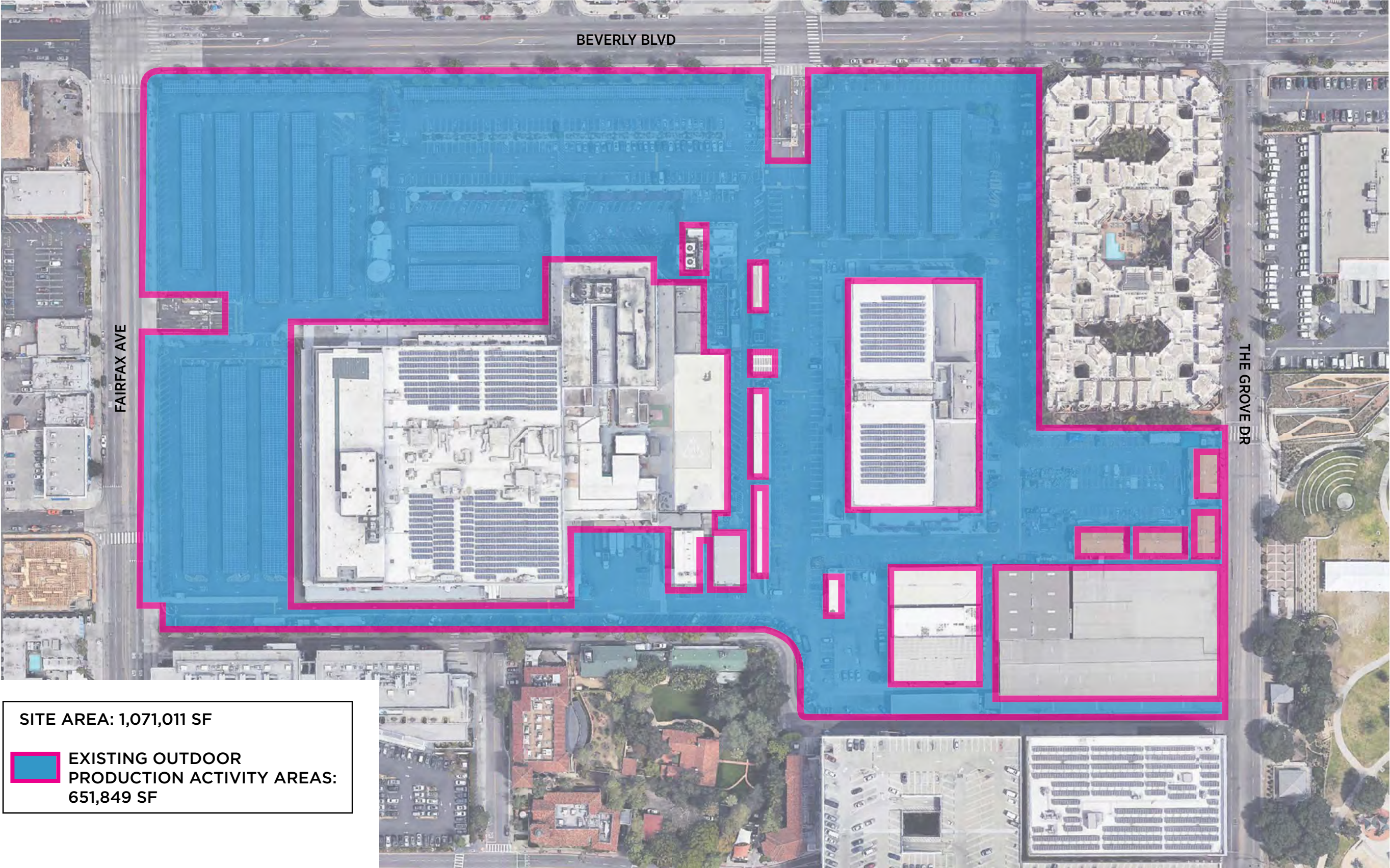
Existing Conditions - Basecamp Areas at Project Grade



LEGEND

- PROJECT SITE
- TOTAL UNCOVERED BASECAMP AREA
177,000 SF

Existing Condition - Outdoor Production Activity Areas



TVC (FEIR)
Source Levels in dB(A) - FEIR - Basecamp and Outdoor Production
Activities - Existing Daytime

Source	Source type	Lw dB(A)	
Basecamp - Existing (east)	Area	103.3	
Basecamp - Existing (north)	Area	103.4	
Basecamp - Existing (South)	Area	94.1	
Basecamp - Existing (southeast)	Area	97.5	
Outdoor Production - Existing (Center 1)	Area	96.7	
Outdoor Production - Existing (Center 2)	Area	91.3	
Outdoor Production - Existing (Center 3)	Area	88.9	
Outdoor Production - Existing (Northeast)	Area	99.7	
Outdoor Production - Existing (Northwest)	Area	101.0	
Outdoor Production - Existing (Southeast)	Area	95.8	
Outdoor Production - Existing (Southwest)	Area	100.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Daytime

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,d 64.7 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Basecamp - Existing (north)	Area	49.5	
Basecamp - Existing (southeast)	Area	27.5	
Basecamp - Existing (east)	Area	64.2	
Basecamp - Existing (South)	Area	21.7	
Outdoor Production - Existing (Southeast)	Area	29.0	
Outdoor Production - Existing (Northeast)	Area	52.8	
Outdoor Production - Existing (Center 1)	Area	39.0	
Outdoor Production - Existing (Center 2)	Area	38.1	
Outdoor Production - Existing (Northwest)	Area	41.1	
Outdoor Production - Existing (Southwest)	Area	26.7	
Outdoor Production - Existing (Center 3)	Area	20.4	
Receptor R1 Floor F2 Leq,d 61.9 dB(A)			
Basecamp - Existing (north)	Area	47.1	
Basecamp - Existing (southeast)	Area	36.7	
Basecamp - Existing (east)	Area	60.9	
Basecamp - Existing (South)	Area	31.3	
Outdoor Production - Existing (Southeast)	Area	37.3	
Outdoor Production - Existing (Northeast)	Area	53.4	
Outdoor Production - Existing (Center 1)	Area	37.4	
Outdoor Production - Existing (Center 2)	Area	35.8	
Outdoor Production - Existing (Northwest)	Area	38.4	
Outdoor Production - Existing (Southwest)	Area	29.6	
Outdoor Production - Existing (Center 3)	Area	32.1	
Receptor R1b Floor G Leq,d 62.1 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Basecamp - Existing (north)	Area	22.1	
Basecamp - Existing (southeast)	Area	43.3	
Basecamp - Existing (east)	Area	62.0	
Basecamp - Existing (South)	Area	23.2	
Outdoor Production - Existing (Southeast)	Area	36.7	
Outdoor Production - Existing (Northeast)	Area	23.7	
Outdoor Production - Existing (Center 1)	Area	14.1	
Outdoor Production - Existing (Center 2)	Area	10.8	
Outdoor Production - Existing (Northwest)	Area	15.9	
Outdoor Production - Existing (Southwest)	Area	19.4	
Outdoor Production - Existing (Center 3)	Area	19.3	
Receptor R1b Floor F2 Leq,d 60.0 dB(A)			
Basecamp - Existing (north)	Area	40.9	
Basecamp - Existing (southeast)	Area	42.9	
Basecamp - Existing (east)	Area	59.7	
Basecamp - Existing (South)	Area	32.9	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Daytime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Existing (Southeast)	Area	39.7	
Outdoor Production - Existing (Northeast)	Area	36.7	
Outdoor Production - Existing (Center 1)	Area	34.0	
Outdoor Production - Existing (Center 2)	Area	27.9	
Outdoor Production - Existing (Northwest)	Area	35.9	
Outdoor Production - Existing (Southwest)	Area	27.7	
Outdoor Production - Existing (Center 3)	Area	29.2	
Receptor R2 Floor G Leq,d 52.5 dB(A)			
Basecamp - Existing (north)	Area	22.0	
Basecamp - Existing (southeast)	Area	40.7	
Basecamp - Existing (east)	Area	52.0	
Basecamp - Existing (South)	Area	30.7	
Outdoor Production - Existing (Southeast)	Area	36.0	
Outdoor Production - Existing (Northeast)	Area	20.4	
Outdoor Production - Existing (Center 1)	Area	23.2	
Outdoor Production - Existing (Center 2)	Area	10.8	
Outdoor Production - Existing (Northwest)	Area	27.0	
Outdoor Production - Existing (Southwest)	Area	18.8	
Outdoor Production - Existing (Center 3)	Area	16.7	
Receptor R3 Floor G Leq,d 55.8 dB(A)			
Basecamp - Existing (north)	Area	47.3	
Basecamp - Existing (southeast)	Area	33.7	
Basecamp - Existing (east)	Area	52.3	
Basecamp - Existing (South)	Area	25.2	
Outdoor Production - Existing (Southeast)	Area	33.6	
Outdoor Production - Existing (Northeast)	Area	51.2	
Outdoor Production - Existing (Center 1)	Area	37.0	
Outdoor Production - Existing (Center 2)	Area	35.2	
Outdoor Production - Existing (Northwest)	Area	38.3	
Outdoor Production - Existing (Southwest)	Area	29.6	
Outdoor Production - Existing (Center 3)	Area	32.5	
Receptor R4 Floor G Leq,d 47.8 dB(A)			
Basecamp - Existing (north)	Area	42.7	
Basecamp - Existing (southeast)	Area	14.5	
Basecamp - Existing (east)	Area	41.2	
Basecamp - Existing (South)	Area	13.1	
Outdoor Production - Existing (Southeast)	Area	15.7	
Outdoor Production - Existing (Northeast)	Area	43.0	
Outdoor Production - Existing (Center 1)	Area	33.7	
Outdoor Production - Existing (Center 2)	Area	30.5	
Outdoor Production - Existing (Northwest)	Area	35.8	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Daytime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Existing (Southwest)	Area	26.8	
Outdoor Production - Existing (Center 3)	Area	13.5	
Receptor R5 Floor G Leq,d 49.5 dB(A)			
Basecamp - Existing (north)	Area	48.1	
Basecamp - Existing (southeast)	Area	30.8	
Basecamp - Existing (east)	Area	34.9	
Basecamp - Existing (South)	Area	28.7	
Outdoor Production - Existing (Southeast)	Area	31.4	
Outdoor Production - Existing (Northeast)	Area	35.6	
Outdoor Production - Existing (Center 1)	Area	35.0	
Outdoor Production - Existing (Center 2)	Area	36.0	
Outdoor Production - Existing (Northwest)	Area	37.4	
Outdoor Production - Existing (Southwest)	Area	34.4	
Outdoor Production - Existing (Center 3)	Area	23.8	
Receptor R6 Floor G Leq,d 39.3 dB(A)			
Basecamp - Existing (north)	Area	35.0	
Basecamp - Existing (southeast)	Area	16.7	
Basecamp - Existing (east)	Area	31.3	
Basecamp - Existing (South)	Area	17.6	
Outdoor Production - Existing (Southeast)	Area	18.9	
Outdoor Production - Existing (Northeast)	Area	30.8	
Outdoor Production - Existing (Center 1)	Area	26.7	
Outdoor Production - Existing (Center 2)	Area	21.5	
Outdoor Production - Existing (Northwest)	Area	31.7	
Outdoor Production - Existing (Southwest)	Area	27.7	
Outdoor Production - Existing (Center 3)	Area	5.8	
Receptor R7 Floor G Leq,d 50.4 dB(A)			
Basecamp - Existing (north)	Area	42.5	
Basecamp - Existing (southeast)	Area	20.4	
Basecamp - Existing (east)	Area	34.7	
Basecamp - Existing (South)	Area	26.5	
Outdoor Production - Existing (Southeast)	Area	18.8	
Outdoor Production - Existing (Northeast)	Area	35.7	
Outdoor Production - Existing (Center 1)	Area	37.9	
Outdoor Production - Existing (Center 2)	Area	29.8	
Outdoor Production - Existing (Northwest)	Area	47.7	
Outdoor Production - Existing (Southwest)	Area	42.3	
Outdoor Production - Existing (Center 3)	Area	16.0	
Receptor R8 Floor G Leq,d 52.4 dB(A)			
Basecamp - Existing (north)	Area	37.9	
Basecamp - Existing (southeast)	Area	32.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Daytime

Source	Source type	Leq,d dB(A)	
Basecamp - Existing (east)	Area	29.7	
Basecamp - Existing (South)	Area	42.3	
Outdoor Production - Existing (Southeast)	Area	27.9	
Outdoor Production - Existing (Northeast)	Area	24.6	
Outdoor Production - Existing (Center 1)	Area	30.4	
Outdoor Production - Existing (Center 2)	Area	16.5	
Outdoor Production - Existing (Northwest)	Area	43.3	
Outdoor Production - Existing (Southwest)	Area	51.0	
Outdoor Production - Existing (Center 3)	Area	11.9	
Receptor R8 Floor F2 Leq,d 55.0 dB(A)			
Basecamp - Existing (north)	Area	40.9	
Basecamp - Existing (southeast)	Area	34.3	
Basecamp - Existing (east)	Area	35.4	
Basecamp - Existing (South)	Area	44.7	
Outdoor Production - Existing (Southeast)	Area	31.2	
Outdoor Production - Existing (Northeast)	Area	34.0	
Outdoor Production - Existing (Center 1)	Area	32.9	
Outdoor Production - Existing (Center 2)	Area	25.5	
Outdoor Production - Existing (Northwest)	Area	44.5	
Outdoor Production - Existing (Southwest)	Area	53.7	
Outdoor Production - Existing (Center 3)	Area	20.8	
Receptor R9 Floor G Leq,d 49.5 dB(A)			
Basecamp - Existing (north)	Area	34.6	
Basecamp - Existing (southeast)	Area	48.1	
Basecamp - Existing (east)	Area	41.5	
Basecamp - Existing (South)	Area	32.3	
Outdoor Production - Existing (Southeast)	Area	36.2	
Outdoor Production - Existing (Northeast)	Area	29.8	
Outdoor Production - Existing (Center 1)	Area	21.5	
Outdoor Production - Existing (Center 2)	Area	24.7	
Outdoor Production - Existing (Northwest)	Area	23.5	
Outdoor Production - Existing (Southwest)	Area	28.9	
Outdoor Production - Existing (Center 3)	Area	21.6	

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TVC (FEIR)
Source Levels in dB(A) - FEIR - Basecamp and Outdoor Production
Activities - Existing Nighttime

Source	Source type	Lw dB(A)	
Basecamp - Existing (north)	Area	103.4	
Basecamp - Existing (South)	Area	94.1	
Basecamp - Existing (southeast)	Area	97.5	
Outdoor Production - Existing (Center 1)	Area	96.7	
Outdoor Production - Existing (Center 2)	Area	91.3	
Outdoor Production - Existing (Center 3)	Area	88.9	
Outdoor Production - Existing (Northeast)	Area	98.1	
Outdoor Production - Existing (Northwest)	Area	101.0	
Outdoor Production - Existing (Southeast)	Area	95.2	
Outdoor Production - Existing (Southwest)	Area	100.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Nighttime

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,n 53.2 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Basecamp - Existing (north)	Area	49.5	
Basecamp - Existing (southeast)	Area	27.5	
Basecamp - Existing (South)	Area	21.7	
Outdoor Production - Existing (Southeast)	Area	26.1	
Outdoor Production - Existing (Northeast)	Area	49.6	
Outdoor Production - Existing (Center 1)	Area	39.0	
Outdoor Production - Existing (Center 2)	Area	38.1	
Outdoor Production - Existing (Northwest)	Area	41.1	
Outdoor Production - Existing (Southwest)	Area	26.7	
Outdoor Production - Existing (Center 3)	Area	20.4	
Receptor R1 Floor F2 Leq,n 52.8 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Basecamp - Existing (north)	Area	47.1	
Basecamp - Existing (southeast)	Area	36.7	
Basecamp - Existing (South)	Area	31.3	
Outdoor Production - Existing (Southeast)	Area	36.8	
Outdoor Production - Existing (Northeast)	Area	50.4	
Outdoor Production - Existing (Center 1)	Area	37.4	
Outdoor Production - Existing (Center 2)	Area	35.8	
Outdoor Production - Existing (Northwest)	Area	38.4	
Outdoor Production - Existing (Southwest)	Area	29.6	
Outdoor Production - Existing (Center 3)	Area	32.1	
Receptor R1b Floor G Leq,n 43.5 dB(A)			
Basecamp - Existing (north)	Area	22.1	
Basecamp - Existing (southeast)	Area	43.3	
Basecamp - Existing (South)	Area	23.2	
Outdoor Production - Existing (Southeast)	Area	27.2	
Outdoor Production - Existing (Northeast)	Area	21.3	
Outdoor Production - Existing (Center 1)	Area	14.1	
Outdoor Production - Existing (Center 2)	Area	10.8	
Outdoor Production - Existing (Northwest)	Area	15.9	
Outdoor Production - Existing (Southwest)	Area	19.4	
Outdoor Production - Existing (Center 3)	Area	19.3	
Receptor R1b Floor F2 Leq,n 46.9 dB(A)			
Basecamp - Existing (north)	Area	40.9	
Basecamp - Existing (southeast)	Area	42.9	
Basecamp - Existing (South)	Area	32.9	
Outdoor Production - Existing (Southeast)	Area	35.9	
Outdoor Production - Existing (Northeast)	Area	35.1	
Outdoor Production - Existing (Center 1)	Area	34.0	
Outdoor Production - Existing (Center 2)	Area	27.9	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Nighttime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Existing (Northwest)	Area	35.9	
Outdoor Production - Existing (Southwest)	Area	27.7	
Outdoor Production - Existing (Center 3)	Area	29.2	
Receptor R2 Floor G Leq,n 42.1 dB(A)			
Basecamp - Existing (north)	Area	22.0	
Basecamp - Existing (southeast)	Area	40.7	
Basecamp - Existing (South)	Area	30.7	
Outdoor Production - Existing (Southeast)	Area	33.2	
Outdoor Production - Existing (Northeast)	Area	18.4	
Outdoor Production - Existing (Center 1)	Area	23.3	
Outdoor Production - Existing (Center 2)	Area	10.8	
Outdoor Production - Existing (Northwest)	Area	27.0	
Outdoor Production - Existing (Southwest)	Area	18.8	
Outdoor Production - Existing (Center 3)	Area	16.7	
Receptor R3 Floor G Leq,n 51.7 dB(A)			
Basecamp - Existing (north)	Area	47.3	
Basecamp - Existing (southeast)	Area	33.7	
Basecamp - Existing (South)	Area	25.2	
Outdoor Production - Existing (Southeast)	Area	33.5	
Outdoor Production - Existing (Northeast)	Area	48.5	
Outdoor Production - Existing (Center 1)	Area	37.0	
Outdoor Production - Existing (Center 2)	Area	35.2	
Outdoor Production - Existing (Northwest)	Area	38.3	
Outdoor Production - Existing (Southwest)	Area	29.6	
Outdoor Production - Existing (Center 3)	Area	32.5	
Receptor R4 Floor G Leq,n 46.0 dB(A)			
Basecamp - Existing (north)	Area	42.7	
Basecamp - Existing (southeast)	Area	14.5	
Basecamp - Existing (South)	Area	13.1	
Outdoor Production - Existing (Southeast)	Area	15.2	
Outdoor Production - Existing (Northeast)	Area	41.1	
Outdoor Production - Existing (Center 1)	Area	33.7	
Outdoor Production - Existing (Center 2)	Area	30.5	
Outdoor Production - Existing (Northwest)	Area	35.8	
Outdoor Production - Existing (Southwest)	Area	26.8	
Outdoor Production - Existing (Center 3)	Area	13.5	
Receptor R5 Floor G Leq,n 49.3 dB(A)			
Basecamp - Existing (north)	Area	48.1	
Basecamp - Existing (southeast)	Area	30.8	
Basecamp - Existing (South)	Area	28.7	
Outdoor Production - Existing (Southeast)	Area	31.4	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Nighttime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Existing (Northeast)	Area	34.4	
Outdoor Production - Existing (Center 1)	Area	35.0	
Outdoor Production - Existing (Center 2)	Area	36.0	
Outdoor Production - Existing (Northwest)	Area	37.4	
Outdoor Production - Existing (Southwest)	Area	34.4	
Outdoor Production - Existing (Center 3)	Area	23.8	
Receptor R6 Floor G Leq,n 38.3 dB(A)			
Basecamp - Existing (north)	Area	35.0	
Basecamp - Existing (southeast)	Area	16.7	
Basecamp - Existing (South)	Area	17.6	
Outdoor Production - Existing (Southeast)	Area	18.8	
Outdoor Production - Existing (Northeast)	Area	28.9	
Outdoor Production - Existing (Center 1)	Area	26.7	
Outdoor Production - Existing (Center 2)	Area	21.5	
Outdoor Production - Existing (Northwest)	Area	31.7	
Outdoor Production - Existing (Southwest)	Area	27.7	
Outdoor Production - Existing (Center 3)	Area	5.8	
Receptor R7 Floor G Leq,n 50.2 dB(A)			
Basecamp - Existing (north)	Area	42.5	
Basecamp - Existing (southeast)	Area	20.4	
Basecamp - Existing (South)	Area	26.5	
Outdoor Production - Existing (Southeast)	Area	18.3	
Outdoor Production - Existing (Northeast)	Area	33.7	
Outdoor Production - Existing (Center 1)	Area	37.9	
Outdoor Production - Existing (Center 2)	Area	29.8	
Outdoor Production - Existing (Northwest)	Area	47.7	
Outdoor Production - Existing (Southwest)	Area	42.3	
Outdoor Production - Existing (Center 3)	Area	16.0	
Receptor R8 Floor G Leq,n 52.4 dB(A)			
Basecamp - Existing (north)	Area	37.9	
Basecamp - Existing (southeast)	Area	32.2	
Basecamp - Existing (South)	Area	42.3	
Outdoor Production - Existing (Southeast)	Area	26.9	
Outdoor Production - Existing (Northeast)	Area	23.2	
Outdoor Production - Existing (Center 1)	Area	30.4	
Outdoor Production - Existing (Center 2)	Area	16.5	
Outdoor Production - Existing (Northwest)	Area	43.3	
Outdoor Production - Existing (Southwest)	Area	51.0	
Outdoor Production - Existing (Center 3)	Area	11.9	
Receptor R8 Floor F2 Leq,n 54.9 dB(A)			
Basecamp - Existing (north)	Area	40.9	

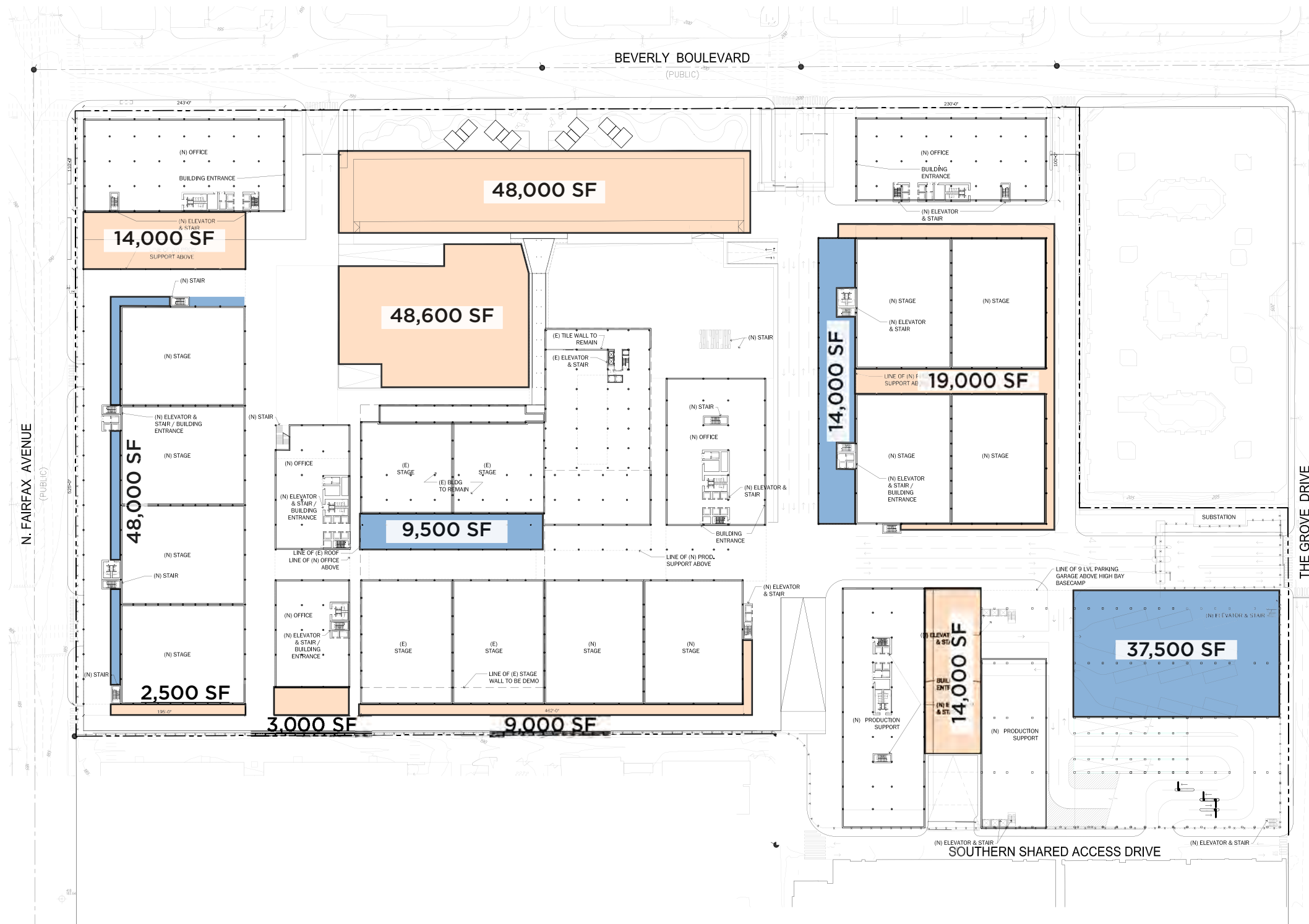
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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Existing Nighttime


Source	Source type	Leq,d dB(A)	
Basecamp - Existing (southeast)	Area	34.3	
Basecamp - Existing (South)	Area	44.7	
Outdoor Production - Existing (Southeast)	Area	30.4	
Outdoor Production - Existing (Northeast)	Area	32.7	
Outdoor Production - Existing (Center 1)	Area	32.9	
Outdoor Production - Existing (Center 2)	Area	25.5	
Outdoor Production - Existing (Northwest)	Area	44.5	
Outdoor Production - Existing (Southwest)	Area	53.7	
Outdoor Production - Existing (Center 3)	Area	20.8	
Receptor R9 Floor G Leq,n 48.7 dB(A)			
Basecamp - Existing (north)	Area	34.6	
Basecamp - Existing (southeast)	Area	48.1	
Basecamp - Existing (South)	Area	32.3	
Outdoor Production - Existing (Southeast)	Area	33.6	
Outdoor Production - Existing (Northeast)	Area	29.5	
Outdoor Production - Existing (Center 1)	Area	21.5	
Outdoor Production - Existing (Center 2)	Area	24.7	
Outdoor Production - Existing (Northwest)	Area	23.5	
Outdoor Production - Existing (Southwest)	Area	28.9	
Outdoor Production - Existing (Center 3)	Area	21.6	


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Future Conditions with Project - Basecamp Areas at Project Grade



LEGEND

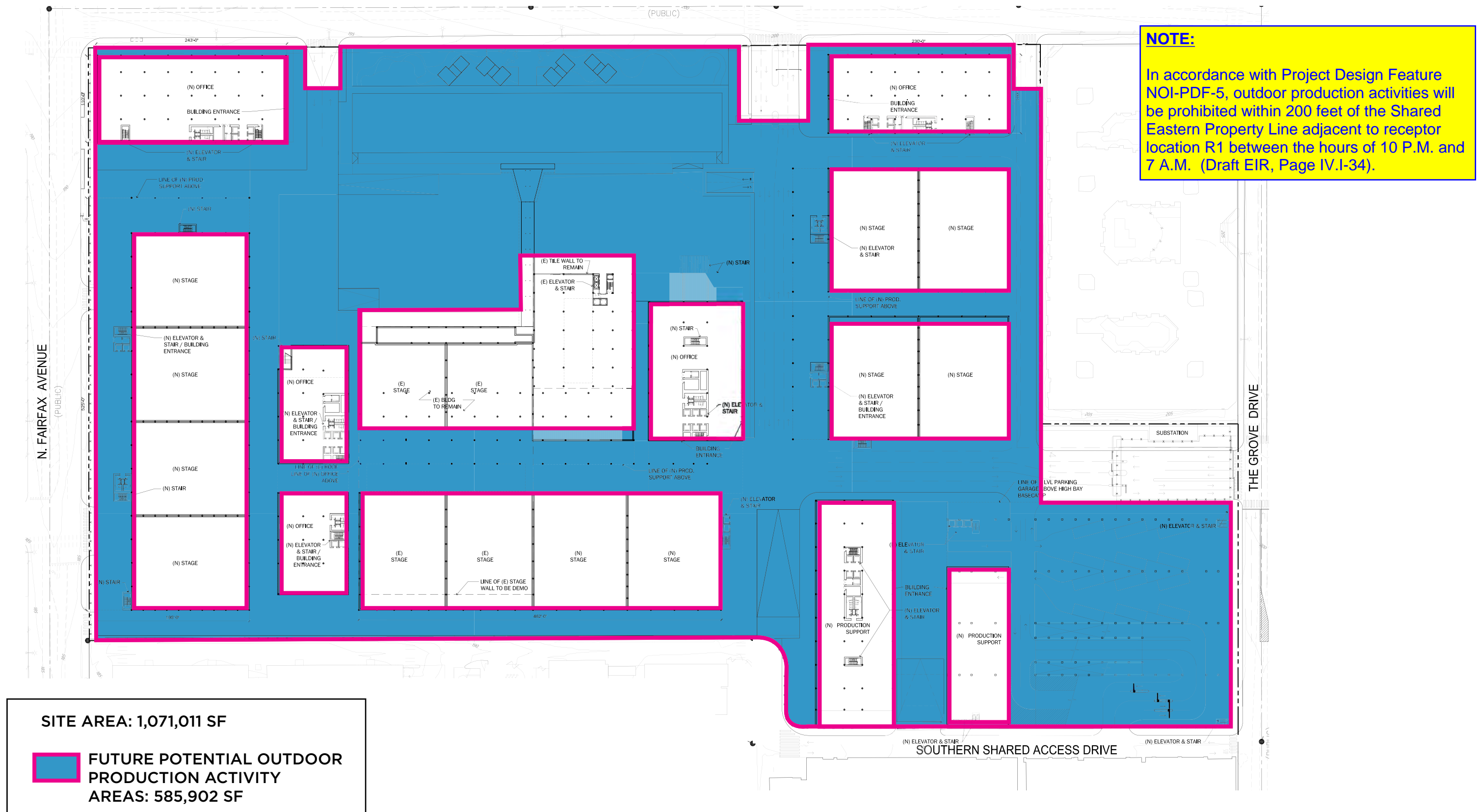
 TOTAL UNCOVERED BASECAMP AREA
 158,100 SF

 TOTAL COVERED BASECAMP AREA
69,500 SF

NOTE:

In accordance with Project Design Feature NOI-PDF-5, basecamp activities will be prohibited within 200 feet of the Shared Eastern Property Line adjacent to receptor location R1 between the hours of 10 P.M. and 7 A.M. (Draft EIR, Page IV.I-34).

Future Condition With Project - Potential Outdoor Production Activity Areas



TVC (FEIR)
Source Levels in dB(A) - FEIR - Basecamp and Outdoor Production
Activities - Future Daytime

Source	Source type	Lw dB(A)	
Basecamp - Future (center 1)	Area	101.6	
Basecamp - Future (center 2)	Area	92.4	
Basecamp - Future (center 3)	Area	82.3	
Basecamp - Future (center 4)	Area	96.5	
Basecamp - Future (east 2)	Area	92.1	
Basecamp - Future (east)	Area	94.5	
Basecamp - Future (north)	Area	101.7	
Basecamp - Future (northwest)	Area	95.8	
Basecamp - Future (south 2)	Area	89.5	
Basecamp - Future (south 3)	Area	95.5	
Basecamp - Future (south)	Area	94.1	
Basecamp - Future (southeast)	Area	100.6	
Basecamp - Future (southwest)	Area	88.2	
Basecamp - Future (west 1)	Area	88.8	
Basecamp - Future (west 2)	Area	86.7	
Basecamp - Future (west 3)	Area	83.9	
Basecamp - Future (west 4)	Area	88.0	
Outdoor Production - Future (Center 1)	Area	93.7	
Outdoor Production - Future (Center East)	Area	93.7	
Outdoor Production - Future (Center West)	Area	94.2	
Outdoor Production - Future (North)	Area	95.2	
Outdoor Production - Future (Southeast)	Area	96.4	
Outdoor Production - Future (West)	Area	94.4	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,d 58.5 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Basecamp - Future (south)	Area	20.1	
Basecamp - Future (east)	Area	58.0	
Basecamp - Future (north)	Area	29.1	
Basecamp - Future (center 1)	Area	26.8	
Basecamp - Future (west 1)	Area	9.6	
Basecamp - Future (northwest)	Area	18.4	
Basecamp - Future (southwest)	Area	9.3	
Basecamp - Future (south 2)	Area	12.5	
Basecamp - Future (south 3)	Area	25.8	
Basecamp - Future (southeast)	Area	44.8	
Basecamp - Future (center 3)	Area	14.6	
Basecamp - Future (east 2)	Area	44.3	
Basecamp - Future (center 4)	Area	30.2	
Basecamp - Future (center 2)	Area	19.6	
Basecamp - Future (west 3)	Area	5.8	
Basecamp - Future (west 4)	Area	8.7	
Basecamp - Future (west 2)	Area	7.5	
Outdoor Production - Future (West)	Area	15.2	
Outdoor Production - Future (North)	Area	22.6	
Outdoor Production - Future (Center West)	Area	19.4	
Outdoor Production - Future (Southeast)	Area	40.9	
Outdoor Production - Future (Center East)	Area	26.3	
Outdoor Production - Future (Center 1)	Area	22.7	
Receptor R1 Floor F2 Leq,d 55.6 dB(A)			
Basecamp - Future (south)	Area	18.2	
Basecamp - Future (east)	Area	54.3	
Basecamp - Future (north)	Area	28.8	
Basecamp - Future (center 1)	Area	27.0	
Basecamp - Future (west 1)	Area	8.4	
Basecamp - Future (northwest)	Area	21.2	
Basecamp - Future (southwest)	Area	5.2	
Basecamp - Future (south 2)	Area	8.6	
Basecamp - Future (south 3)	Area	25.0	
Basecamp - Future (southeast)	Area	45.8	
Basecamp - Future (center 3)	Area	11.7	
Basecamp - Future (east 2)	Area	45.1	
Basecamp - Future (center 4)	Area	27.8	
Basecamp - Future (center 2)	Area	20.5	
Basecamp - Future (west 3)	Area	6.6	
Basecamp - Future (west 4)	Area	4.4	
Basecamp - Future (west 2)	Area	3.5	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Future (West)	Area	13.9	Receptor R1b represents the south side of the Broadcast Center Apartment building
Outdoor Production - Future (North)	Area	22.9	
Outdoor Production - Future (Center West)	Area	20.7	
Outdoor Production - Future (Southeast)	Area	42.0	
Outdoor Production - Future (Center East)	Area	24.3	
Outdoor Production - Future (Center 1)	Area	20.4	
Receptor R1b Floor G Leq,d 58.8 dB(A)			
Basecamp - Future (south)	Area	19.7	Receptor R1b represents the south side of the Broadcast Center Apartment building
Basecamp - Future (east)	Area	42.2	
Basecamp - Future (north)	Area	21.4	
Basecamp - Future (center 1)	Area	29.9	
Basecamp - Future (west 1)	Area	4.4	
Basecamp - Future (northwest)	Area	11.9	
Basecamp - Future (southwest)	Area	6.0	
Basecamp - Future (south 2)	Area	10.6	
Basecamp - Future (south 3)	Area	46.6	
Basecamp - Future (southeast)	Area	55.3	
Basecamp - Future (center 3)	Area	14.9	
Basecamp - Future (east 2)	Area	24.1	
Basecamp - Future (center 4)	Area	24.0	
Basecamp - Future (center 2)	Area	18.6	
Basecamp - Future (west 3)	Area	1.1	
Basecamp - Future (west 4)	Area	3.0	
Basecamp - Future (west 2)	Area	3.3	
Outdoor Production - Future (West)	Area	10.1	
Outdoor Production - Future (North)	Area	14.8	
Outdoor Production - Future (Center West)	Area	21.5	
Outdoor Production - Future (Southeast)	Area	55.4	
Outdoor Production - Future (Center East)	Area	30.4	
Outdoor Production - Future (Center 1)	Area	13.5	
Receptor R1b Floor F2 Leq,d 58.6 dB(A)			
Basecamp - Future (south)	Area	20.0	
Basecamp - Future (east)	Area	43.0	
Basecamp - Future (north)	Area	24.4	
Basecamp - Future (center 1)	Area	31.4	
Basecamp - Future (west 1)	Area	3.8	
Basecamp - Future (northwest)	Area	21.9	
Basecamp - Future (southwest)	Area	4.3	
Basecamp - Future (south 2)	Area	9.2	
Basecamp - Future (south 3)	Area	46.9	
Basecamp - Future (southeast)	Area	56.0	
Basecamp - Future (center 3)	Area	16.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (east 2)	Area	30.5	
Basecamp - Future (center 4)	Area	24.4	
Basecamp - Future (center 2)	Area	23.1	
Basecamp - Future (west 3)	Area	6.5	
Basecamp - Future (west 4)	Area	2.1	
Basecamp - Future (west 2)	Area	0.9	
Outdoor Production - Future (West)	Area	13.4	
Outdoor Production - Future (North)	Area	19.5	
Outdoor Production - Future (Center West)	Area	23.4	
Outdoor Production - Future (Southeast)	Area	54.0	
Outdoor Production - Future (Center East)	Area	30.3	
Outdoor Production - Future (Center 1)	Area	14.6	
Receptor R2 Floor G Leq,d 54.0 dB(A)			
Basecamp - Future (south)	Area	15.2	
Basecamp - Future (east)	Area	36.3	
Basecamp - Future (north)	Area	19.4	
Basecamp - Future (center 1)	Area	19.7	
Basecamp - Future (west 1)	Area	1.8	
Basecamp - Future (northwest)	Area	14.0	
Basecamp - Future (southwest)	Area	3.7	
Basecamp - Future (south 2)	Area	9.2	
Basecamp - Future (south 3)	Area	41.8	
Basecamp - Future (southeast)	Area	52.1	
Basecamp - Future (center 3)	Area	24.1	
Basecamp - Future (east 2)	Area	18.7	
Basecamp - Future (center 4)	Area	21.1	
Basecamp - Future (center 2)	Area	29.2	
Basecamp - Future (west 3)	Area	-0.1	
Basecamp - Future (west 4)	Area	0.7	
Basecamp - Future (west 2)	Area	-0.5	
Outdoor Production - Future (West)	Area	8.3	
Outdoor Production - Future (North)	Area	12.8	
Outdoor Production - Future (Center West)	Area	22.5	
Outdoor Production - Future (Southeast)	Area	48.3	
Outdoor Production - Future (Center East)	Area	28.5	
Outdoor Production - Future (Center 1)	Area	11.4	
Receptor R3 Floor G Leq,d 48.1 dB(A)			
Basecamp - Future (south)	Area	13.2	
Basecamp - Future (east)	Area	34.7	
Basecamp - Future (north)	Area	45.1	
Basecamp - Future (center 1)	Area	41.4	
Basecamp - Future (west 1)	Area	23.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (northwest)	Area	30.0	
Basecamp - Future (southwest)	Area	2.6	
Basecamp - Future (south 2)	Area	6.9	
Basecamp - Future (south 3)	Area	15.0	
Basecamp - Future (southeast)	Area	20.3	
Basecamp - Future (center 3)	Area	6.0	
Basecamp - Future (east 2)	Area	21.1	
Basecamp - Future (center 4)	Area	23.8	
Basecamp - Future (center 2)	Area	12.1	
Basecamp - Future (west 3)	Area	23.0	
Basecamp - Future (west 4)	Area	3.2	
Basecamp - Future (west 2)	Area	1.1	
Outdoor Production - Future (West)	Area	27.0	
Outdoor Production - Future (North)	Area	39.2	
Outdoor Production - Future (Center West)	Area	31.3	
Outdoor Production - Future (Southeast)	Area	18.5	
Outdoor Production - Future (Center East)	Area	20.5	
Outdoor Production - Future (Center 1)	Area	35.6	
Receptor R4 Floor G Leq,d 41.1 dB(A)			
Basecamp - Future (south)	Area	11.3	
Basecamp - Future (east)	Area	24.4	
Basecamp - Future (north)	Area	38.7	
Basecamp - Future (center 1)	Area	27.0	
Basecamp - Future (west 1)	Area	20.7	
Basecamp - Future (northwest)	Area	28.3	
Basecamp - Future (southwest)	Area	0.9	
Basecamp - Future (south 2)	Area	3.3	
Basecamp - Future (south 3)	Area	16.0	
Basecamp - Future (southeast)	Area	22.2	
Basecamp - Future (center 3)	Area	4.4	
Basecamp - Future (east 2)	Area	18.8	
Basecamp - Future (center 4)	Area	21.0	
Basecamp - Future (center 2)	Area	8.8	
Basecamp - Future (west 3)	Area	16.5	
Basecamp - Future (west 4)	Area	1.3	
Basecamp - Future (west 2)	Area	-0.6	
Outdoor Production - Future (West)	Area	23.6	
Outdoor Production - Future (North)	Area	34.7	
Outdoor Production - Future (Center West)	Area	22.0	
Outdoor Production - Future (Southeast)	Area	18.5	
Outdoor Production - Future (Center East)	Area	17.2	
Outdoor Production - Future (Center 1)	Area	16.7	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Receptor R5 Floor G Leq,d 49.2 dB(A)			
Basecamp - Future (south)	Area	14.1	
Basecamp - Future (east)	Area	24.4	
Basecamp - Future (north)	Area	46.3	
Basecamp - Future (center 1)	Area	41.2	
Basecamp - Future (west 1)	Area	12.3	
Basecamp - Future (northwest)	Area	28.0	
Basecamp - Future (southwest)	Area	7.7	
Basecamp - Future (south 2)	Area	13.7	
Basecamp - Future (south 3)	Area	14.6	
Basecamp - Future (southeast)	Area	16.9	
Basecamp - Future (center 3)	Area	6.6	
Basecamp - Future (east 2)	Area	19.2	
Basecamp - Future (center 4)	Area	29.1	
Basecamp - Future (center 2)	Area	24.2	
Basecamp - Future (west 3)	Area	20.9	
Basecamp - Future (west 4)	Area	8.7	
Basecamp - Future (west 2)	Area	5.1	
Outdoor Production - Future (West)	Area	22.0	
Outdoor Production - Future (North)	Area	41.2	
Outdoor Production - Future (Center West)	Area	32.1	
Outdoor Production - Future (Southeast)	Area	18.1	
Outdoor Production - Future (Center East)	Area	25.6	
Outdoor Production - Future (Center 1)	Area	39.9	
Receptor R6 Floor G Leq,d 36.0 dB(A)			
Basecamp - Future (south)	Area	8.5	
Basecamp - Future (east)	Area	22.4	
Basecamp - Future (north)	Area	32.9	
Basecamp - Future (center 1)	Area	19.3	
Basecamp - Future (west 1)	Area	20.6	
Basecamp - Future (northwest)	Area	23.4	
Basecamp - Future (southwest)	Area	10.2	
Basecamp - Future (south 2)	Area	6.7	
Basecamp - Future (south 3)	Area	7.7	
Basecamp - Future (southeast)	Area	12.9	
Basecamp - Future (center 3)	Area	-1.6	
Basecamp - Future (east 2)	Area	7.4	
Basecamp - Future (center 4)	Area	24.1	
Basecamp - Future (center 2)	Area	10.4	
Basecamp - Future (west 3)	Area	5.9	
Basecamp - Future (west 4)	Area	16.0	
Basecamp - Future (west 2)	Area	12.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Future (West)	Area	23.0	
Outdoor Production - Future (North)	Area	27.4	
Outdoor Production - Future (Center West)	Area	12.4	
Outdoor Production - Future (Southeast)	Area	10.4	
Outdoor Production - Future (Center East)	Area	21.5	
Outdoor Production - Future (Center 1)	Area	22.9	
Receptor R7 Floor G Leq,d 50.3 dB(A)			
Basecamp - Future (south)	Area	18.9	
Basecamp - Future (east)	Area	19.7	
Basecamp - Future (north)	Area	40.8	
Basecamp - Future (center 1)	Area	42.6	
Basecamp - Future (west 1)	Area	40.7	
Basecamp - Future (northwest)	Area	45.4	
Basecamp - Future (southwest)	Area	22.4	
Basecamp - Future (south 2)	Area	12.7	
Basecamp - Future (south 3)	Area	17.4	
Basecamp - Future (southeast)	Area	21.8	
Basecamp - Future (center 3)	Area	11.0	
Basecamp - Future (east 2)	Area	13.9	
Basecamp - Future (center 4)	Area	25.8	
Basecamp - Future (center 2)	Area	13.7	
Basecamp - Future (west 3)	Area	26.0	
Basecamp - Future (west 4)	Area	33.7	
Basecamp - Future (west 2)	Area	27.1	
Outdoor Production - Future (West)	Area	43.4	
Outdoor Production - Future (North)	Area	31.1	
Outdoor Production - Future (Center West)	Area	34.1	
Outdoor Production - Future (Southeast)	Area	23.7	
Outdoor Production - Future (Center East)	Area	24.5	
Outdoor Production - Future (Center 1)	Area	26.5	
Receptor R8 Floor G Leq,d 50.7 dB(A)			
Basecamp - Future (south)	Area	35.4	
Basecamp - Future (east)	Area	11.4	
Basecamp - Future (north)	Area	20.1	
Basecamp - Future (center 1)	Area	23.2	
Basecamp - Future (west 1)	Area	35.2	
Basecamp - Future (northwest)	Area	37.4	
Basecamp - Future (southwest)	Area	42.1	
Basecamp - Future (south 2)	Area	36.3	
Basecamp - Future (south 3)	Area	11.2	
Basecamp - Future (southeast)	Area	16.4	
Basecamp - Future (center 3)	Area	-0.8	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (east 2)	Area	10.5	
Basecamp - Future (center 4)	Area	15.5	
Basecamp - Future (center 2)	Area	18.0	
Basecamp - Future (west 3)	Area	8.6	
Basecamp - Future (west 4)	Area	39.1	
Basecamp - Future (west 2)	Area	43.4	
Outdoor Production - Future (West)	Area	47.4	
Outdoor Production - Future (North)	Area	13.1	
Outdoor Production - Future (Center West)	Area	30.4	
Outdoor Production - Future (Southeast)	Area	11.7	
Outdoor Production - Future (Center East)	Area	12.9	
Outdoor Production - Future (Center 1)	Area	12.4	
Receptor R8 Floor F2 Leq,d 53.3 dB(A)			
Basecamp - Future (south)	Area	36.6	
Basecamp - Future (east)	Area	11.9	
Basecamp - Future (north)	Area	23.3	
Basecamp - Future (center 1)	Area	24.5	
Basecamp - Future (west 1)	Area	36.6	
Basecamp - Future (northwest)	Area	38.5	
Basecamp - Future (southwest)	Area	45.2	
Basecamp - Future (south 2)	Area	37.5	
Basecamp - Future (south 3)	Area	11.3	
Basecamp - Future (southeast)	Area	18.5	
Basecamp - Future (center 3)	Area	-0.1	
Basecamp - Future (east 2)	Area	13.1	
Basecamp - Future (center 4)	Area	18.7	
Basecamp - Future (center 2)	Area	19.7	
Basecamp - Future (west 3)	Area	9.5	
Basecamp - Future (west 4)	Area	41.7	
Basecamp - Future (west 2)	Area	46.5	
Outdoor Production - Future (West)	Area	49.9	
Outdoor Production - Future (North)	Area	16.5	
Outdoor Production - Future (Center West)	Area	31.2	
Outdoor Production - Future (Southeast)	Area	12.6	
Outdoor Production - Future (Center East)	Area	15.8	
Outdoor Production - Future (Center 1)	Area	16.0	
Receptor R9 Floor G Leq,d 42.4 dB(A)			
Basecamp - Future (south)	Area	39.4	
Basecamp - Future (east)	Area	24.2	
Basecamp - Future (north)	Area	28.9	
Basecamp - Future (center 1)	Area	30.2	
Basecamp - Future (west 1)	Area	7.8	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Daytime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (northwest)	Area	24.3	
Basecamp - Future (southwest)	Area	23.5	
Basecamp - Future (south 2)	Area	26.8	
Basecamp - Future (south 3)	Area	25.7	
Basecamp - Future (southeast)	Area	29.2	
Basecamp - Future (center 3)	Area	24.5	
Basecamp - Future (east 2)	Area	18.2	
Basecamp - Future (center 4)	Area	30.0	
Basecamp - Future (center 2)	Area	18.7	
Basecamp - Future (west 3)	Area	5.6	
Basecamp - Future (west 4)	Area	8.0	
Basecamp - Future (west 2)	Area	7.0	
Outdoor Production - Future (West)	Area	17.0	
Outdoor Production - Future (North)	Area	22.0	
Outdoor Production - Future (Center West)	Area	24.8	
Outdoor Production - Future (Southeast)	Area	31.7	
Outdoor Production - Future (Center East)	Area	29.5	
Outdoor Production - Future (Center 1)	Area	20.9	

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TVC (FEIR)
Source Levels in dB(A) - FEIR - Basecamp and Outdoor Production
Activities - Future Nighttime

Source	Source type	Lw dB(A)	
Basecamp - Future (center 1)	Area	101.6	
Basecamp - Future (center 2)	Area	82.3	
Basecamp - Future (center 3)	Area	96.5	
Basecamp - Future (center 4)	Area	92.4	
Basecamp - Future (east 1)	Area	77.4	
Basecamp - Future (east 2)	Area	86.9	
Basecamp - Future (east 3)	Area	96.1	
Basecamp - Future (north)	Area	101.7	
Basecamp - Future (northeast)	Area	86.7	
Basecamp - Future (northwest)	Area	95.8	
Basecamp - Future (south 2)	Area	89.5	
Basecamp - Future (south)	Area	94.1	
Basecamp - Future (southeast)	Area	93.9	
Basecamp - Future (southwest)	Area	88.2	
Basecamp - Future (west 1)	Area	88.8	
Basecamp - Future (west 2)	Area	83.9	
Basecamp - Future (west 3)	Area	88.0	
Basecamp - Future (west 4)	Area	86.7	
Outdoor Production - Future (Center 1)	Area	93.7	
Outdoor Production - Future (Center East)	Area	93.7	
Outdoor Production - Future (Center West)	Area	94.2	
Outdoor Production - Future (North)	Area	95.2	
Outdoor Production - Future (Southeast)	Area	89.6	
Outdoor Production - Future (West)	Area	94.4	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,d 41.5 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Basecamp - Future (center 1)	Area	26.8	
Basecamp - Future (center 2)	Area	14.6	
Basecamp - Future (center 3)	Area	30.2	
Basecamp - Future (center 4)	Area	19.6	
Basecamp - Future (east 1)	Area	7.9	
Basecamp - Future (east 2)	Area	24.1	
Basecamp - Future (east 3)	Area	39.8	
Basecamp - Future (north)	Area	29.1	
Basecamp - Future (northeast)	Area	25.7	
Basecamp - Future (northwest)	Area	18.4	
Basecamp - Future (south 2)	Area	12.5	
Basecamp - Future (south)	Area	20.1	
Basecamp - Future (southeast)	Area	24.0	
Basecamp - Future (southwest)	Area	9.3	
Basecamp - Future (west 1)	Area	9.6	
Basecamp - Future (west 2)	Area	5.8	
Basecamp - Future (west 3)	Area	8.7	
Basecamp - Future (west 4)	Area	7.5	
Outdoor Production - Future (Center 1)	Area	22.7	
Outdoor Production - Future (Center East)	Area	26.3	
Outdoor Production - Future (Center West)	Area	19.4	
Outdoor Production - Future (North)	Area	22.6	
Outdoor Production - Future (Southeast)	Area	21.4	
Outdoor Production - Future (West)	Area	15.2	
Receptor R1 Floor F2 Leq,d 41.9 dB(A)			
Basecamp - Future (center 1)	Area	27.0	
Basecamp - Future (center 2)	Area	11.7	
Basecamp - Future (center 3)	Area	27.8	
Basecamp - Future (center 4)	Area	20.5	
Basecamp - Future (east 1)	Area	4.7	
Basecamp - Future (east 2)	Area	22.4	
Basecamp - Future (east 3)	Area	40.7	
Basecamp - Future (north)	Area	28.8	
Basecamp - Future (northeast)	Area	26.7	
Basecamp - Future (northwest)	Area	21.2	
Basecamp - Future (south 2)	Area	8.6	
Basecamp - Future (south)	Area	18.2	
Basecamp - Future (southeast)	Area	23.7	
Basecamp - Future (southwest)	Area	5.2	
Basecamp - Future (west 1)	Area	8.4	
Basecamp - Future (west 2)	Area	6.6	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (west 3)	Area	4.4	
Basecamp - Future (west 4)	Area	3.5	
Outdoor Production - Future (Center 1)	Area	20.4	
Outdoor Production - Future (Center East)	Area	24.3	
Outdoor Production - Future (Center West)	Area	20.7	
Outdoor Production - Future (North)	Area	22.9	
Outdoor Production - Future (Southeast)	Area	18.5	
Outdoor Production - Future (West)	Area	13.9	
Receptor R1b Floor G Leq,d 49.9 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Basecamp - Future (center 1)	Area	29.9	
Basecamp - Future (center 2)	Area	14.9	
Basecamp - Future (center 3)	Area	24.0	
Basecamp - Future (center 4)	Area	18.6	
Basecamp - Future (east 1)	Area	11.8	
Basecamp - Future (east 2)	Area	17.7	
Basecamp - Future (east 3)	Area	48.4	
Basecamp - Future (north)	Area	21.4	
Basecamp - Future (northeast)	Area	14.3	
Basecamp - Future (northwest)	Area	11.9	
Basecamp - Future (south 2)	Area	10.6	
Basecamp - Future (south)	Area	19.7	
Basecamp - Future (southeast)	Area	43.6	
Basecamp - Future (southwest)	Area	6.0	
Basecamp - Future (west 1)	Area	4.4	
Basecamp - Future (west 2)	Area	1.1	
Basecamp - Future (west 3)	Area	3.0	
Basecamp - Future (west 4)	Area	3.3	
Outdoor Production - Future (Center 1)	Area	13.5	
Outdoor Production - Future (Center East)	Area	30.4	
Outdoor Production - Future (Center West)	Area	21.5	
Outdoor Production - Future (North)	Area	14.8	
Outdoor Production - Future (Southeast)	Area	34.7	
Outdoor Production - Future (West)	Area	10.1	
Receptor R1b Floor F2 Leq,d 50.9 dB(A)			
Basecamp - Future (center 1)	Area	31.4	
Basecamp - Future (center 2)	Area	16.3	
Basecamp - Future (center 3)	Area	24.4	
Basecamp - Future (center 4)	Area	23.1	
Basecamp - Future (east 1)	Area	14.0	
Basecamp - Future (east 2)	Area	19.6	
Basecamp - Future (east 3)	Area	49.6	
Basecamp - Future (north)	Area	24.4	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (northeast)	Area	14.8	
Basecamp - Future (northwest)	Area	21.9	
Basecamp - Future (south 2)	Area	9.2	
Basecamp - Future (south)	Area	20.0	
Basecamp - Future (southeast)	Area	44.1	
Basecamp - Future (southwest)	Area	4.3	
Basecamp - Future (west 1)	Area	3.8	
Basecamp - Future (west 2)	Area	6.5	
Basecamp - Future (west 3)	Area	2.1	
Basecamp - Future (west 4)	Area	0.9	
Outdoor Production - Future (Center 1)	Area	14.6	
Outdoor Production - Future (Center East)	Area	30.3	
Outdoor Production - Future (Center West)	Area	23.4	
Outdoor Production - Future (North)	Area	19.5	
Outdoor Production - Future (Southeast)	Area	35.3	
Outdoor Production - Future (West)	Area	13.4	
Receptor R2 Floor G Leq,d 47.2 dB(A)			
Basecamp - Future (center 1)	Area	19.7	
Basecamp - Future (center 2)	Area	24.1	
Basecamp - Future (center 3)	Area	21.1	
Basecamp - Future (center 4)	Area	29.2	
Basecamp - Future (east 1)	Area	20.2	
Basecamp - Future (east 2)	Area	13.0	
Basecamp - Future (east 3)	Area	46.0	
Basecamp - Future (north)	Area	19.4	
Basecamp - Future (northeast)	Area	11.3	
Basecamp - Future (northwest)	Area	14.0	
Basecamp - Future (south 2)	Area	9.2	
Basecamp - Future (south)	Area	15.2	
Basecamp - Future (southeast)	Area	39.0	
Basecamp - Future (southwest)	Area	3.7	
Basecamp - Future (west 1)	Area	1.8	
Basecamp - Future (west 2)	Area	-0.1	
Basecamp - Future (west 3)	Area	0.7	
Basecamp - Future (west 4)	Area	-0.5	
Outdoor Production - Future (Center 1)	Area	11.4	
Outdoor Production - Future (Center East)	Area	28.5	
Outdoor Production - Future (Center West)	Area	22.5	
Outdoor Production - Future (North)	Area	12.8	
Outdoor Production - Future (Southeast)	Area	32.5	
Outdoor Production - Future (West)	Area	8.3	
Receptor R3 Floor G Leq,d 47.9 dB(A)			

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (center 1)	Area	41.4	
Basecamp - Future (center 2)	Area	6.0	
Basecamp - Future (center 3)	Area	23.8	
Basecamp - Future (center 4)	Area	12.1	
Basecamp - Future (east 1)	Area	1.4	
Basecamp - Future (east 2)	Area	16.3	
Basecamp - Future (east 3)	Area	15.4	
Basecamp - Future (north)	Area	45.1	
Basecamp - Future (northeast)	Area	18.6	
Basecamp - Future (northwest)	Area	30.0	
Basecamp - Future (south 2)	Area	6.9	
Basecamp - Future (south)	Area	13.2	
Basecamp - Future (southeast)	Area	13.0	
Basecamp - Future (southwest)	Area	2.6	
Basecamp - Future (west 1)	Area	23.2	
Basecamp - Future (west 2)	Area	23.0	
Basecamp - Future (west 3)	Area	3.2	
Basecamp - Future (west 4)	Area	1.1	
Outdoor Production - Future (Center 1)	Area	35.6	
Outdoor Production - Future (Center East)	Area	20.5	
Outdoor Production - Future (Center West)	Area	31.3	
Outdoor Production - Future (North)	Area	39.2	
Outdoor Production - Future (Southeast)	Area	13.1	
Outdoor Production - Future (West)	Area	27.0	
Receptor R4 Floor G Leq,d 41.0 dB(A)			
Basecamp - Future (center 1)	Area	27.0	
Basecamp - Future (center 2)	Area	4.4	
Basecamp - Future (center 3)	Area	21.0	
Basecamp - Future (center 4)	Area	8.8	
Basecamp - Future (east 1)	Area	-2.8	
Basecamp - Future (east 2)	Area	13.5	
Basecamp - Future (east 3)	Area	17.1	
Basecamp - Future (north)	Area	38.7	
Basecamp - Future (northeast)	Area	15.6	
Basecamp - Future (northwest)	Area	28.3	
Basecamp - Future (south 2)	Area	3.3	
Basecamp - Future (south)	Area	11.3	
Basecamp - Future (southeast)	Area	14.4	
Basecamp - Future (southwest)	Area	0.9	
Basecamp - Future (west 1)	Area	20.7	
Basecamp - Future (west 2)	Area	16.5	
Basecamp - Future (west 3)	Area	1.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (west 4)	Area	-0.6	
Outdoor Production - Future (Center 1)	Area	16.7	
Outdoor Production - Future (Center East)	Area	17.2	
Outdoor Production - Future (Center West)	Area	22.0	
Outdoor Production - Future (North)	Area	34.7	
Outdoor Production - Future (Southeast)	Area	11.3	
Outdoor Production - Future (West)	Area	23.6	
Receptor R5 Floor G Leq,d 49.2 dB(A)			
Basecamp - Future (center 1)	Area	41.2	
Basecamp - Future (center 2)	Area	6.6	
Basecamp - Future (center 3)	Area	29.1	
Basecamp - Future (center 4)	Area	24.2	
Basecamp - Future (east 1)	Area	0.3	
Basecamp - Future (east 2)	Area	17.4	
Basecamp - Future (east 3)	Area	13.5	
Basecamp - Future (north)	Area	46.3	
Basecamp - Future (northeast)	Area	22.1	
Basecamp - Future (northwest)	Area	28.0	
Basecamp - Future (south 2)	Area	13.7	
Basecamp - Future (south)	Area	14.1	
Basecamp - Future (southeast)	Area	11.7	
Basecamp - Future (southwest)	Area	7.7	
Basecamp - Future (west 1)	Area	12.3	
Basecamp - Future (west 2)	Area	20.9	
Basecamp - Future (west 3)	Area	8.7	
Basecamp - Future (west 4)	Area	5.1	
Outdoor Production - Future (Center 1)	Area	39.9	
Outdoor Production - Future (Center East)	Area	25.6	
Outdoor Production - Future (Center West)	Area	32.1	
Outdoor Production - Future (North)	Area	41.2	
Outdoor Production - Future (Southeast)	Area	15.3	
Outdoor Production - Future (West)	Area	22.0	
Receptor R6 Floor G Leq,d 35.9 dB(A)			
Basecamp - Future (center 1)	Area	19.3	
Basecamp - Future (center 2)	Area	-1.6	
Basecamp - Future (center 3)	Area	24.1	
Basecamp - Future (center 4)	Area	10.4	
Basecamp - Future (east 1)	Area	-10.4	
Basecamp - Future (east 2)	Area	1.2	
Basecamp - Future (east 3)	Area	9.6	
Basecamp - Future (north)	Area	32.9	
Basecamp - Future (northeast)	Area	19.5	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (northwest)	Area	23.4	
Basecamp - Future (south 2)	Area	6.7	
Basecamp - Future (south)	Area	8.5	
Basecamp - Future (southeast)	Area	5.2	
Basecamp - Future (southwest)	Area	10.2	
Basecamp - Future (west 1)	Area	20.6	
Basecamp - Future (west 2)	Area	5.9	
Basecamp - Future (west 3)	Area	16.0	
Basecamp - Future (west 4)	Area	12.2	
Outdoor Production - Future (Center 1)	Area	22.9	
Outdoor Production - Future (Center East)	Area	21.5	
Outdoor Production - Future (Center West)	Area	12.4	
Outdoor Production - Future (North)	Area	27.4	
Outdoor Production - Future (Southeast)	Area	6.7	
Outdoor Production - Future (West)	Area	23.0	
Receptor R7 Floor G Leq,d 50.3 dB(A)			
Basecamp - Future (center 1)	Area	42.6	
Basecamp - Future (center 2)	Area	11.0	
Basecamp - Future (center 3)	Area	25.8	
Basecamp - Future (center 4)	Area	13.7	
Basecamp - Future (east 1)	Area	-2.3	
Basecamp - Future (east 2)	Area	9.1	
Basecamp - Future (east 3)	Area	18.7	
Basecamp - Future (north)	Area	40.8	
Basecamp - Future (northeast)	Area	16.5	
Basecamp - Future (northwest)	Area	45.4	
Basecamp - Future (south 2)	Area	12.7	
Basecamp - Future (south)	Area	18.9	
Basecamp - Future (southeast)	Area	10.2	
Basecamp - Future (southwest)	Area	22.4	
Basecamp - Future (west 1)	Area	40.7	
Basecamp - Future (west 2)	Area	26.0	
Basecamp - Future (west 3)	Area	33.7	
Basecamp - Future (west 4)	Area	27.1	
Outdoor Production - Future (Center 1)	Area	26.5	
Outdoor Production - Future (Center East)	Area	24.5	
Outdoor Production - Future (Center West)	Area	34.1	
Outdoor Production - Future (North)	Area	31.1	
Outdoor Production - Future (Southeast)	Area	20.6	
Outdoor Production - Future (West)	Area	43.4	
Receptor R8 Floor G Leq,d 50.7 dB(A)			
Basecamp - Future (center 1)	Area	23.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Basecamp - Future (center 2)	Area	-0.8	
Basecamp - Future (center 3)	Area	15.5	
Basecamp - Future (center 4)	Area	18.0	
Basecamp - Future (east 1)	Area	-4.1	
Basecamp - Future (east 2)	Area	4.8	
Basecamp - Future (east 3)	Area	13.0	
Basecamp - Future (north)	Area	20.1	
Basecamp - Future (northeast)	Area	2.3	
Basecamp - Future (northwest)	Area	37.4	
Basecamp - Future (south 2)	Area	36.3	
Basecamp - Future (south)	Area	35.4	
Basecamp - Future (southeast)	Area	9.7	
Basecamp - Future (southwest)	Area	42.1	
Basecamp - Future (west 1)	Area	35.2	
Basecamp - Future (west 2)	Area	8.6	
Basecamp - Future (west 3)	Area	39.1	
Basecamp - Future (west 4)	Area	43.4	
Outdoor Production - Future (Center 1)	Area	12.4	
Outdoor Production - Future (Center East)	Area	12.9	
Outdoor Production - Future (Center West)	Area	30.4	
Outdoor Production - Future (North)	Area	13.1	
Outdoor Production - Future (Southeast)	Area	6.4	
Outdoor Production - Future (West)	Area	47.4	
Receptor R8 Floor F2 Leq,d 53.3 dB(A)			
Basecamp - Future (center 1)	Area	24.5	
Basecamp - Future (center 2)	Area	-0.1	
Basecamp - Future (center 3)	Area	18.7	
Basecamp - Future (center 4)	Area	19.7	
Basecamp - Future (east 1)	Area	-3.0	
Basecamp - Future (east 2)	Area	8.3	
Basecamp - Future (east 3)	Area	14.9	
Basecamp - Future (north)	Area	23.3	
Basecamp - Future (northeast)	Area	2.3	
Basecamp - Future (northwest)	Area	38.5	
Basecamp - Future (south 2)	Area	37.5	
Basecamp - Future (south)	Area	36.6	
Basecamp - Future (southeast)	Area	9.8	
Basecamp - Future (southwest)	Area	45.2	
Basecamp - Future (west 1)	Area	36.6	
Basecamp - Future (west 2)	Area	9.5	
Basecamp - Future (west 3)	Area	41.7	
Basecamp - Future (west 4)	Area	46.5	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Basecamp and Outdoor
Production Activities - Future Nighttime

Source	Source type	Leq,d dB(A)	
Outdoor Production - Future (Center 1)	Area	16.0	
Outdoor Production - Future (Center East)	Area	15.8	
Outdoor Production - Future (Center West)	Area	31.2	
Outdoor Production - Future (North)	Area	16.5	
Outdoor Production - Future (Southeast)	Area	6.5	
Outdoor Production - Future (West)	Area	49.9	
Receptor R9 Floor G Leq,d 42.1 dB(A)			
Basecamp - Future (center 1)	Area	30.2	
Basecamp - Future (center 2)	Area	24.5	
Basecamp - Future (center 3)	Area	30.0	
Basecamp - Future (center 4)	Area	18.7	
Basecamp - Future (east 1)	Area	19.2	
Basecamp - Future (east 2)	Area	12.4	
Basecamp - Future (east 3)	Area	27.0	
Basecamp - Future (north)	Area	28.9	
Basecamp - Future (northeast)	Area	9.3	
Basecamp - Future (northwest)	Area	24.3	
Basecamp - Future (south 2)	Area	26.8	
Basecamp - Future (south)	Area	39.4	
Basecamp - Future (southeast)	Area	21.1	
Basecamp - Future (southwest)	Area	23.5	
Basecamp - Future (west 1)	Area	7.8	
Basecamp - Future (west 2)	Area	5.6	
Basecamp - Future (west 3)	Area	8.0	
Basecamp - Future (west 4)	Area	7.0	
Outdoor Production - Future (Center 1)	Area	20.9	
Outdoor Production - Future (Center East)	Area	29.5	
Outdoor Production - Future (Center West)	Area	24.8	
Outdoor Production - Future (North)	Area	22.0	
Outdoor Production - Future (Southeast)	Area	30.0	
Outdoor Production - Future (West)	Area	17.0	

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On-Site Vehicles (Auto and Trucks) During Operation

Project: TVC 2050

Auto - Daytime Analysis (7am to 10pm)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Daytime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	57.6	52.8	-4.8	61.1	62.7	61.7	-1.0
R2	46.8	47.2	0.4	62.8	62.9	62.9	0.0
R3	50.0	43.6	-6.4	68.5	68.6	68.5	-0.1
R4	42.5	37.2	-5.3	67.7	67.7	67.7	0.0
R5	42.8	44.2	1.4	58.9	59.0	59.0	0.0
R6	22.2	20.4	-1.8	60.4	60.4	60.4	0.0
R7	42.5	39.1	-3.4	56.6	56.8	56.7	-0.1
R8	43.4	35.3	-8.1	66.9	66.9	66.9	0.0
R9	38.0	29.1	-8.9	56.0	56.1	56.0	-0.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Auto - Nighttime Analysis (10pm to 7am)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Nighttime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	50.2	45.5	-4.7	53.3	55.0	54.0	-1.0
R2	39.5	39.9	0.4	60.7	60.7	60.7	0.0
R3	42.7	36.3	-6.4	67.5	67.5	67.5	0.0
R4	35.2	29.9	-5.3	65.8	65.8	65.8	0.0
R5	35.4	36.9	1.5	57.8	57.8	57.8	0.0
R6	14.8	13.0	-1.8	54.2	54.2	54.2	0.0
R7	35.2	32.0	-3.2	53.1	53.2	53.1	-0.1
R8	36.0	28.1	-7.9	65.0	65.0	65.0	0.0
R9	30.7	21.8	-8.9	52.1	52.1	52.1	0.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Assumptions: On-Site Auto Trips, i.e., auto and trucks traveling on Project Site.

		Traffic Split (Draft EIR Table IV.I-7)		Trips Per Hour	
		Daytime	Nighttime	Daytime	Nighttime
Daily Trips		90%	10%		
Existing	3720	3348	372	223.2	41.3
Future	13454	12109	1345	807.2	149.5

Source: Draft EIR, Appendix M, Table 13 (daily vehicle trips)

Access	Access Percentage		Trips Per hour			
	Existing	Future	Daytime		Nighttime	
			Existing	Future	Existing	Future
Fairfax Ave.	24%	5%	53.6	40.4	9.9	7.5
Beverly Blvd.	76%	32%	169.6	258.3	31.4	47.8
Fairfax Ave. (South)		16%		129.2		23.9
Fairfax Ave. (Access)		2%		16.1		3.0
Beverly Blvd. (West)		2%		16.1		3.0
Beverly Blvd. (East)		6%		48.4		9.0
The Grove Dr.		32%		258.3		47.8
Southern Shared Access		1%		8.1		1.5
Drive 1						
Southern Shared Access		4%		32.3		6.0
Drive 2						
Total	100%	100%	223.2	807.2	41.3	149.5

Source: Gibson Transportation Consulting, Inc., Figure 2A Project Site Vehicular Access Existing and Figure 2B Project Site Vehicular Access Proposed

Truck - Daytime Analysis (7am to 10pm)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Daytime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	54.7	59.1	4.4	61.1	62.0	63.2	1.2
R2	39.7	43.2	3.5	62.8	62.8	62.8	0.0
R3	46.6	43.8	-2.8	68.5	68.5	68.5	0.0
R4	38.9	39.1	0.2	67.7	67.7	67.7	0.0
R5	38.9	42.4	3.5	58.9	58.9	59.0	0.1
R6	22.1	24.7	2.6	60.4	60.4	60.4	0.0
R7	41.6	44.0	2.4	56.6	56.7	56.8	0.1
R8	45.9	49.7	3.8	66.9	66.9	67.0	0.1
R9	34.7	39.7	5.0	56.0	56.0	56.1	0.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Truck - Nighttime Analysis (10pm to 7am)

Receptor	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Nighttime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	52.1	56.7	4.6	53.3	55.8	58.3	2.5
R2	37.1	40.8	3.7	60.7	60.7	60.7	0.0
R3	44.0	41.4	-2.6	67.5	67.5	67.5	0.0
R4	36.3	36.7	0.4	65.8	65.8	65.8	0.0
R5	36.3	40.0	3.7	57.8	57.8	57.9	0.1
R6	19.6	22.4	2.8	54.2	54.2	54.2	0.0
R7	39.0	41.6	2.6	53.1	53.3	53.4	0.1
R8	43.3	47.3	4.0	65.0	65.0	65.1	0.1
R9	32.2	37.4	5.2	52.1	52.1	52.2	0.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Assumptions: On-Site Truck Trips

On-Site Truck Trips

	Trips Per day		Trips Per hour			
	Heavy Truck	Light Truck	Daytime		Nighttime	
			Heavy Truck	Light Truck	Heavy Truck	Light Truck
Existing	13	65	1.8	6.5	1.1	3.5
Future	36	130	5.0	13.0	3.0	7.0
			14%	10%	8%	5%

Source: Gibson Transportation Consulting, Inc., *Truck Trip Estimates for the TVC 2050 Project*, March 8, 2023. Assumes "heavy" trucks have a trailer and "light" trucks are fixed frame or single unit.

For model, assumed 50% of the total on-site truck trips for each on-site path, i.e., along the northern, southern, eastern and western perimeter of the Project Site.

	Trips Per hour (each path, 50% of total trips)			
	Daytime		Nighttime	
	Heavy Truck	Light Truck	Heavy Truck	Light Truck
Existing	0.9	3.3	0.5	1.8
Future	2.5	6.5	1.5	3.5

Composite On-Site Auto and Truck - Daytime Analysis (7am to 10pm)

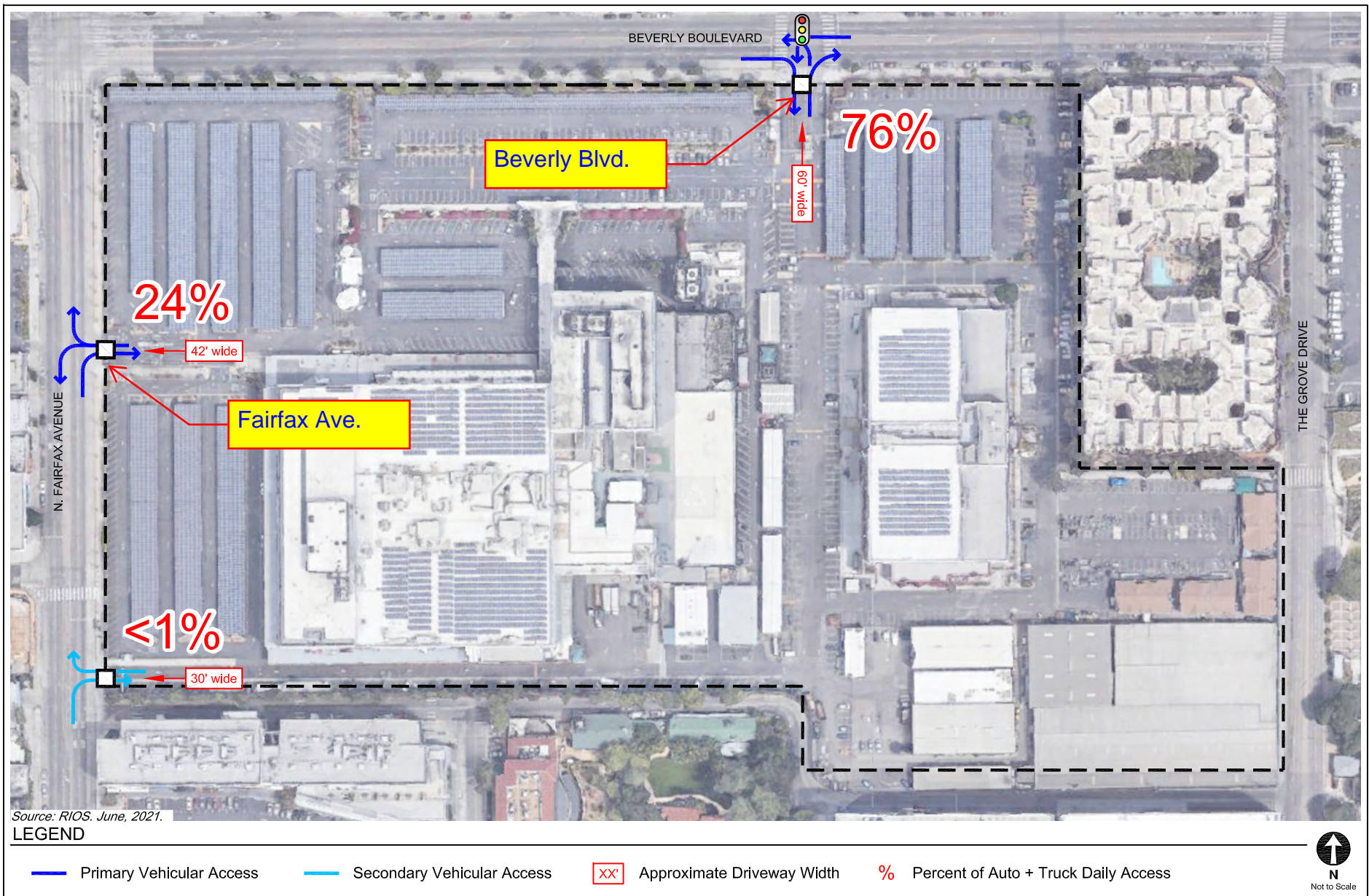
Receptor	Calculated Project Noise Levels (Auto & Truck), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Daytime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	59.4	60.0	0.6	61.1	63.3	63.6	0.3
R2	47.6	48.7	1.1	62.8	62.9	63.0	0.1
R3	51.6	46.7	-4.9	68.5	68.6	68.5	-0.1
R4	44.1	41.3	-2.8	67.7	67.7	67.7	0.0
R5	44.3	46.4	2.1	58.9	59.0	59.1	0.1
R6	25.2	26.1	0.9	60.4	60.4	60.4	0.0
R7	45.1	45.2	0.1	56.6	56.9	56.9	0.0
R8	47.8	49.9	2.1	66.9	67.0	67.0	0.0
R9	39.7	40.1	0.4	56.0	56.1	56.1	0.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Composite On-Site Auto and Truck - Nighttime Analysis (10pm to 7am)

Receptor	Calculated Project Noise Levels (Auto & Truck), dBA (Leq)		Change in Noise Levels, dBA (Leq)	Nighttime Ambient, dBA (Leq)	Project + Ambient, dBA (Leq)		Change in Noise Levels, dBA (Leq)
	Existing Conditions	Future Conditions			Existing Condition	Future Conditions	
R1	54.3	57.0	2.7	53.3	56.8	58.5	1.7
R2	41.5	43.4	1.9	60.7	60.8	60.8	0.0
R3	46.4	42.6	-3.8	67.5	67.5	67.5	0.0
R4	38.8	37.5	-1.3	65.8	65.8	65.8	0.0
R5	38.9	41.7	2.8	57.8	57.9	57.9	0.0
R6	20.8	22.9	2.1	54.2	54.2	54.2	0.0
R7	40.5	42.1	1.6	53.1	53.3	53.4	0.1
R8	44.0	47.4	3.4	65.0	65.0	65.1	0.1
R9	34.5	37.5	3.0	52.1	52.2	52.2	0.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.



PROJECT SITE VEHICULAR ACCESS
EXISTING

FIGURE
2A

TVC (FEIR)
Source Input - FEIR - On-Site Auto - Existing

Source	Vehicle Trips Per Hour (Veh/h), Daytime	Vehicle Trips Per Hour (Veh/h), Nighttime	
Beverly Blvd.	169.60	31.40	
Beverly Blvd.	169.60	31.40	
Fairfax Ave.	53.60	9.90	
Fairfax Ave.	53.60	9.90	

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TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Auto - Existing

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R1 Floor G Leq,d 57.6 dB(A) Leq,n 50.2 dB(A)				Floor G - Ground Floor Floor 2 - Upper Floor
Beverly Blvd.	Road	57.3	50.0	
Beverly Blvd.	Road	45.1	37.8	
Fairfax Ave.	Road	22.0	14.7	
Fairfax Ave.	Road	29.5	22.1	
Receptor R1 Floor F2 Leq,d 54.1 dB(A) Leq,n 46.8 dB(A)				
Beverly Blvd.	Road	53.8	46.5	
Beverly Blvd.	Road	41.4	34.1	
Fairfax Ave.	Road	20.7	13.4	
Fairfax Ave.	Road	24.5	17.2	
Receptor R1b Floor G Leq,d 54.1 dB(A) Leq,n 46.7 dB(A)				Receptor R1b represents the south side of the Broadcast Center Apartment building
Beverly Blvd.	Road	54.1	46.7	
Beverly Blvd.	Road	0.4	-7.0	
Fairfax Ave.	Road	11.2	3.9	
Fairfax Ave.	Road	-15.7	-23.0	
Receptor R1b Floor F2 Leq,d 50.4 dB(A) Leq,n 43.0 dB(A)				
Beverly Blvd.	Road	50.3	43.0	
Beverly Blvd.	Road	24.6	17.3	
Fairfax Ave.	Road	24.2	16.8	
Fairfax Ave.	Road	15.9	8.5	
Receptor R2 Floor G Leq,d 46.8 dB(A) Leq,n 39.5 dB(A)				
Beverly Blvd.	Road	46.7	39.4	
Beverly Blvd.	Road	11.3	4.0	
Fairfax Ave.	Road	27.6	20.2	
Fairfax Ave.	Road	2.1	-5.3	
Receptor R3 Floor G Leq,d 50.0 dB(A) Leq,n 42.7 dB(A)				
Beverly Blvd.	Road	49.0	41.6	
Beverly Blvd.	Road	43.1	35.8	
Fairfax Ave.	Road	23.1	15.7	
Fairfax Ave.	Road	26.3	19.0	
Receptor R4 Floor G Leq,d 42.5 dB(A) Leq,n 35.2 dB(A)				
Beverly Blvd.	Road	40.5	33.1	
Beverly Blvd.	Road	38.0	30.7	
Fairfax Ave.	Road	17.6	10.3	
Fairfax Ave.	Road	23.7	16.4	
Receptor R5 Floor G Leq,d 42.8 dB(A) Leq,n 35.4 dB(A)				
Beverly Blvd.	Road	33.5	26.2	
Beverly Blvd.	Road	42.1	34.8	
Fairfax Ave.	Road	25.4	18.1	
Fairfax Ave.	Road	21.8	14.5	
Receptor R6 Floor G Leq,d 22.2 dB(A) Leq,n 14.9 dB(A)				

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TVC (FEIR)
Calculated Noise Levels - FEIR - On-Site Auto - Existing

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Beverly Blvd.	Road	17.6	10.3	
Beverly Blvd.	Road	19.1	11.8	
Fairfax Ave.	Road	11.2	3.9	
Fairfax Ave.	Road	10.8	3.5	
Receptor R7 Floor G Leq,d 42.5 dB(A) Leq,n 35.2 dB(A)				
Beverly Blvd.	Road	32.8	25.5	
Beverly Blvd.	Road	39.1	31.8	
Fairfax Ave.	Road	34.4	27.1	
Fairfax Ave.	Road	37.0	29.7	
Receptor R8 Floor G Leq,d 43.4 dB(A) Leq,n 36.0 dB(A)				
Beverly Blvd.	Road	29.7	22.4	
Beverly Blvd.	Road	31.9	24.6	
Fairfax Ave.	Road	42.5	35.1	
Fairfax Ave.	Road	32.0	24.7	
Receptor R8 Floor F2 Leq,d 42.1 dB(A) Leq,n 34.8 dB(A)				
Beverly Blvd.	Road	25.5	18.2	
Beverly Blvd.	Road	31.2	23.9	
Fairfax Ave.	Road	41.3	34.0	
Fairfax Ave.	Road	31.0	23.7	
Receptor R9 Floor G Leq,d 38.0 dB(A) Leq,n 30.7 dB(A)				
Beverly Blvd.	Road	37.9	30.5	
Beverly Blvd.	Road	21.2	13.9	
Fairfax Ave.	Road	21.0	13.6	
Fairfax Ave.	Road	5.4	-1.9	

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TVC (FEIR)

Source Input - FEIR - On-Site Trucks - Existing

Source	Truck Trips Per Hour (Veh/h), Daytime	Truck Trips Per Hour (Veh/h), Nighttime	
On-Site Trucks - Existing	4.20	2.30	

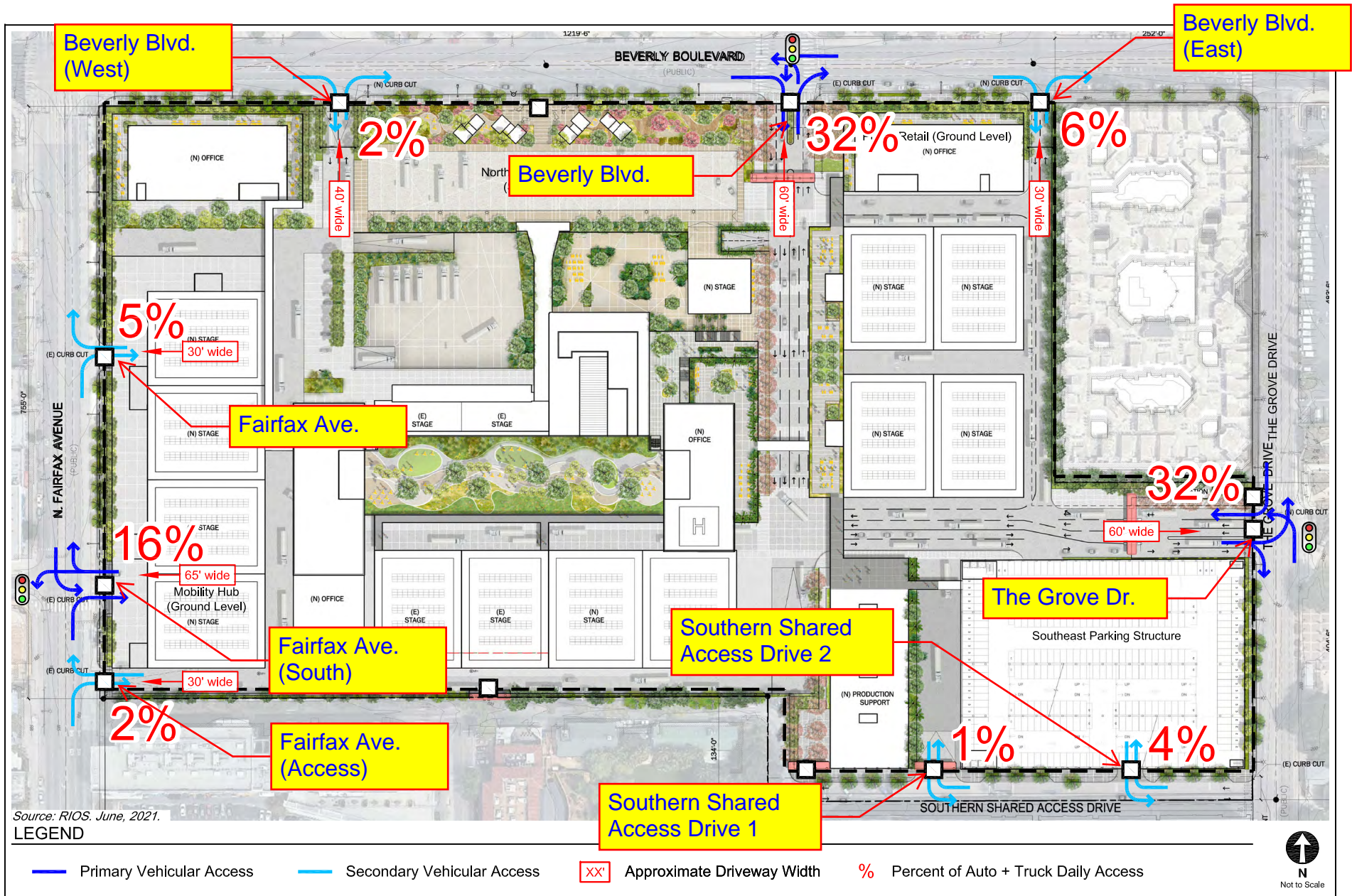
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TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Trucks - Existing

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R1 Floor G Leq,d 54.7 dB(A) Leq,n 52.1 dB(A)				Floor G - Ground Floor Floor 2 - Upper Floor
On-Site Trucks - Existing	Road	54.7	52.1	
Receptor R1 Floor F2 Leq,d 51.5 dB(A) Leq,n 48.9 dB(A)				
On-Site Trucks - Existing	Road	51.5	48.9	Receptor R1b represents the south side of the Broadcast Center Apartment building
Receptor R1b Floor G Leq,d 44.2 dB(A) Leq,n 41.6 dB(A)				
On-Site Trucks - Existing	Road	44.2	41.6	
Receptor R1b Floor F2 Leq,d 41.2 dB(A) Leq,n 38.7 dB(A)				
On-Site Trucks - Existing	Road	41.2	38.7	
Receptor R2 Floor G Leq,d 39.7 dB(A) Leq,n 37.1 dB(A)				
On-Site Trucks - Existing	Road	39.7	37.1	
Receptor R3 Floor G Leq,d 46.6 dB(A) Leq,n 44.0 dB(A)				
On-Site Trucks - Existing	Road	46.6	44.0	
Receptor R4 Floor G Leq,d 38.9 dB(A) Leq,n 36.3 dB(A)				
On-Site Trucks - Existing	Road	38.9	36.3	
Receptor R5 Floor G Leq,d 38.9 dB(A) Leq,n 36.3 dB(A)				
On-Site Trucks - Existing	Road	38.9	36.3	
Receptor R6 Floor G Leq,d 22.1 dB(A) Leq,n 19.6 dB(A)				
On-Site Trucks - Existing	Road	22.1	19.6	
Receptor R7 Floor G Leq,d 41.6 dB(A) Leq,n 39.0 dB(A)				
On-Site Trucks - Existing	Road	41.6	39.0	
Receptor R8 Floor G Leq,d 45.9 dB(A) Leq,n 43.3 dB(A)				
On-Site Trucks - Existing	Road	45.9	43.3	
Receptor R8 Floor F2 Leq,d 44.7 dB(A) Leq,n 42.1 dB(A)				
On-Site Trucks - Existing	Road	44.7	42.1	
Receptor R9 Floor G Leq,d 34.7 dB(A) Leq,n 32.2 dB(A)				
On-Site Trucks - Existing	Road	34.7	32.2	

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PROJECT SITE VEHICULAR ACCESS
PROPOSED

FIGURE
2B

TVC (FEIR)
Source Input - FEIR - On-Site Auto - Future

Source	Vehicle Trips Per Hour (Veh/h), Daytime	Vehicle Trips Per Hour (Veh/h), Nighttime	
The Grove Dr.	258.30	47.80	
Beverly Blvd. (East)	48.40	9.00	
Beverly Blvd. (Center)	258.30	47.80	
Beverly Blvd. (West)	16.10	3.00	
Southern Shared Access Drive 1	8.10	1.50	
Southern Shared Access Drive 2	32.30	6.00	
Fairfax Ave. (Access)	16.10	3.00	

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TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Auto - Future

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R1 Floor G Leq,d 52.8 dB(A) Leq,n 45.5 dB(A)				Floor G - Ground Floor Floor 2 - Upper Floor
The Grove Dr.	Road	40.4	33.1	
Beverly Blvd. (East)	Road	52.5	45.2	
Beverly Blvd. (Center)	Road	12.9	5.6	
Beverly Blvd. (West)	Road	-7.0	-14.3	
Southern Shared Access Drive 1	Road	22.8	15.5	
Southern Shared Access Drive 2	Road	17.1	9.7	
Fairfax Ave. (Access)	Road	-6.9	-14.2	
Receptor R1 Floor F2 Leq,d 49.3 dB(A) Leq,n 42.0 dB(A)				
The Grove Dr.	Road	37.6	30.3	
Beverly Blvd. (East)	Road	48.9	41.6	
Beverly Blvd. (Center)	Road	14.0	6.7	
Beverly Blvd. (West)	Road	-5.3	-12.6	
Southern Shared Access Drive 1	Road	19.5	12.2	
Southern Shared Access Drive 2	Road	13.7	6.4	
Fairfax Ave. (Access)	Road	-6.0	-13.3	
Receptor R1b Floor G Leq,d 52.7 dB(A) Leq,n 45.4 dB(A)				Receptor R1b represents the south side of the Broadcast Center Apartment building
The Grove Dr.	Road	52.6	45.2	
Beverly Blvd. (East)	Road	37.4	30.1	
Beverly Blvd. (Center)	Road	8.5	1.1	
Beverly Blvd. (West)	Road	-10.0	-17.3	
Southern Shared Access Drive 1	Road	28.9	21.6	
Southern Shared Access Drive 2	Road	23.9	16.6	
Fairfax Ave. (Access)	Road	8.0	0.7	
Receptor R1b Floor F2 Leq,d 49.0 dB(A) Leq,n 41.7 dB(A)				
The Grove Dr.	Road	48.8	41.5	
Beverly Blvd. (East)	Road	33.8	26.5	
Beverly Blvd. (Center)	Road	14.2	6.9	
Beverly Blvd. (West)	Road	-5.3	-12.6	
Southern Shared Access Drive 1	Road	25.6	18.3	
Southern Shared Access Drive 2	Road	19.9	12.6	
Fairfax Ave. (Access)	Road	-4.9	-12.2	
Receptor R2 Floor G Leq,d 47.2 dB(A) Leq,n 39.9 dB(A)				
The Grove Dr.	Road	47.1	39.8	
Beverly Blvd. (East)	Road	30.4	23.1	
Beverly Blvd. (Center)	Road	7.2	-0.2	
Beverly Blvd. (West)	Road	-7.4	-14.7	
Southern Shared Access Drive 1	Road	24.6	17.2	
Southern Shared Access Drive 2	Road	21.5	14.2	
Fairfax Ave. (Access)	Road	-6.4	-13.7	

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TVC (FEIR)
Calculated Noise Levels - FEIR - On-Site Auto - Future

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R3 Floor G Leq,d 43.6 dB(A) Leq,n 36.3 dB(A)				
The Grove Dr.	Road	-0.2	-7.5	
Beverly Blvd. (East)	Road	35.0	27.7	
Beverly Blvd. (Center)	Road	42.9	35.6	
Beverly Blvd. (West)	Road	22.0	14.7	
Southern Shared Access Drive 1	Road	-22.8	-30.1	
Southern Shared Access Drive 2	Road	-14.8	-22.1	
Fairfax Ave. (Access)	Road	-11.6	-18.9	
Receptor R4 Floor G Leq,d 37.2 dB(A) Leq,n 29.8 dB(A)				
The Grove Dr.	Road	3.9	-3.4	
Beverly Blvd. (East)	Road	29.7	22.4	
Beverly Blvd. (Center)	Road	36.2	28.9	
Beverly Blvd. (West)	Road	19.0	11.7	
Southern Shared Access Drive 1	Road	-15.4	-22.8	
Southern Shared Access Drive 2	Road	-14.8	-22.1	
Fairfax Ave. (Access)	Road	-11.9	-19.2	
Receptor R5 Floor G Leq,d 44.2 dB(A) Leq,n 36.9 dB(A)				
The Grove Dr.	Road	3.3	-4.1	
Beverly Blvd. (East)	Road	4.8	-2.5	
Beverly Blvd. (Center)	Road	44.2	36.9	
Beverly Blvd. (West)	Road	17.5	10.2	
Southern Shared Access Drive 1	Road	-12.8	-20.1	
Southern Shared Access Drive 2	Road	-15.6	-22.9	
Fairfax Ave. (Access)	Road	0.7	-6.6	
Receptor R6 Floor G Leq,d 20.4 dB(A) Leq,n 13.0 dB(A)				
The Grove Dr.	Road	-2.5	-9.9	
Beverly Blvd. (East)	Road	-1.7	-9.0	
Beverly Blvd. (Center)	Road	20.2	12.9	
Beverly Blvd. (West)	Road	0.5	-6.8	
Southern Shared Access Drive 1	Road	-18.9	-26.2	
Southern Shared Access Drive 2	Road	-21.1	-28.4	
Fairfax Ave. (Access)	Road	-4.1	-11.4	
Receptor R7 Floor G Leq,d 39.1 dB(A) Leq,n 31.8 dB(A)				
The Grove Dr.	Road	3.6	-3.7	
Beverly Blvd. (East)	Road	-4.5	-11.8	
Beverly Blvd. (Center)	Road	38.5	31.2	
Beverly Blvd. (West)	Road	30.4	23.1	
Southern Shared Access Drive 1	Road	-13.0	-20.4	
Southern Shared Access Drive 2	Road	-15.3	-22.6	
Fairfax Ave. (Access)	Road	5.5	-1.7	


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TVC (FEIR)
Calculated Noise Levels - FEIR - On-Site Auto - Future

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R8 Floor G Leq,d 35.3 dB(A) Leq,n 28.0 dB(A)				
The Grove Dr.	Road	-3.3	-10.6	
Beverly Blvd. (East)	Road	-9.7	-17.0	
Beverly Blvd. (Center)	Road	7.7	0.4	
Beverly Blvd. (West)	Road	19.3	12.0	
Southern Shared Access Drive 1	Road	-13.6	-20.9	
Southern Shared Access Drive 2	Road	-12.1	-19.4	
Fairfax Ave. (Access)	Road	35.2	27.9	
Receptor R8 Floor F2 Leq,d 34.3 dB(A) Leq,n 27.0 dB(A)				
The Grove Dr.	Road	-2.8	-10.1	
Beverly Blvd. (East)	Road	-11.8	-19.1	
Beverly Blvd. (Center)	Road	8.4	1.0	
Beverly Blvd. (West)	Road	19.4	12.1	
Southern Shared Access Drive 1	Road	-16.5	-23.8	
Southern Shared Access Drive 2	Road	-13.8	-21.1	
Fairfax Ave. (Access)	Road	34.2	26.9	
Receptor R9 Floor G Leq,d 29.1 dB(A) Leq,n 21.8 dB(A)				
The Grove Dr.	Road	21.2	13.9	
Beverly Blvd. (East)	Road	-1.2	-8.5	
Beverly Blvd. (Center)	Road	17.8	10.4	
Beverly Blvd. (West)	Road	-3.4	-10.7	
Southern Shared Access Drive 1	Road	14.3	6.9	
Southern Shared Access Drive 2	Road	18.3	11.0	
Fairfax Ave. (Access)	Road	27.2	19.9	

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TVC (FEIR) Source Input - FEIR - On-Site Trucks - Future



TVC (FEIR)

Calculated Noise Levels - FEIR - On-Site Trucks - Future

Source	Source type	Leq,d dB(A)	Leq,n dB(A)	
Receptor R1 Floor G Leq,d 59.1 dB(A) Leq,n 56.7 dB(A)				Floor G - Ground Floor Floor 2 - Upper Floor
On-Site Trucks - Future	Road	59.1	56.7	
Receptor R1 Floor F2 Leq,d 55.9 dB(A) Leq,n 53.5 dB(A)				Receptor R1b represents the south side of the Broadcast Center Apartment building
On-Site Trucks - Future	Road	55.9	53.5	
Receptor R1b Floor G Leq,d 48.5 dB(A) Leq,n 46.1 dB(A)				
On-Site Trucks - Future	Road	48.5	46.1	
Receptor R1b Floor F2 Leq,d 45.2 dB(A) Leq,n 42.8 dB(A)				
On-Site Trucks - Future	Road	45.2	42.8	
Receptor R2 Floor G Leq,d 43.2 dB(A) Leq,n 40.8 dB(A)				
On-Site Trucks - Future	Road	43.2	40.8	
Receptor R3 Floor G Leq,d 43.8 dB(A) Leq,n 41.4 dB(A)				
On-Site Trucks - Future	Road	43.8	41.4	
Receptor R4 Floor G Leq,d 39.1 dB(A) Leq,n 36.7 dB(A)				
On-Site Trucks - Future	Road	39.1	36.7	
Receptor R5 Floor G Leq,d 42.4 dB(A) Leq,n 40.0 dB(A)				
On-Site Trucks - Future	Road	42.4	40.0	
Receptor R6 Floor G Leq,d 24.7 dB(A) Leq,n 22.4 dB(A)				
On-Site Trucks - Future	Road	24.7	22.4	
Receptor R7 Floor G Leq,d 44.0 dB(A) Leq,n 41.6 dB(A)				
On-Site Trucks - Future	Road	44.0	41.6	
Receptor R8 Floor G Leq,d 49.7 dB(A) Leq,n 47.3 dB(A)				
On-Site Trucks - Future	Road	49.7	47.3	
Receptor R8 Floor F2 Leq,d 49.0 dB(A) Leq,n 46.6 dB(A)				
On-Site Trucks - Future	Road	49.0	46.6	
Receptor R9 Floor G Leq,d 39.7 dB(A) Leq,n 37.4 dB(A)				
On-Site Trucks - Future	Road	39.7	37.4	

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Outdoor Gathering Noise Calculations - Hypothetical Worst-Case

Project: TVC 2050

Assumptions:

Occupancy: 1,200 people at rooftop building, (Draft EIR, Page IV.I-45)
 1,200 Total People at each roof deck
 600 Assumed 50% speaking at the same time
 71.8 dBA Sound Power Level (Lw) for 1 person
 99.6 Sound Power Level for 600 persons

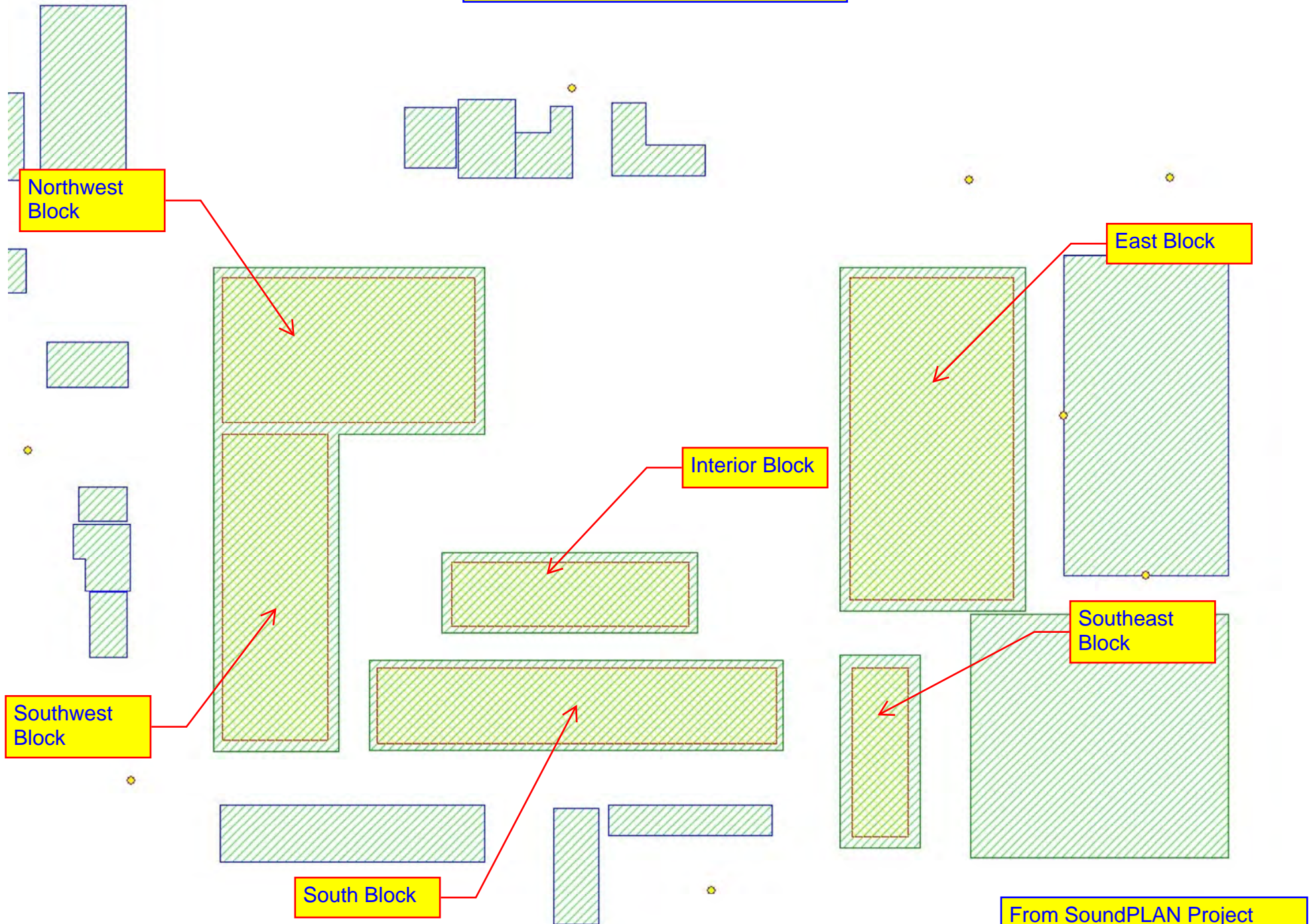
Sound System: 85 dBA (Leq) at 25 feet for roof decks along the north, south, east, and west and 95 dBA (Leq) at 25 feet for amplified sound system at the interior portion of the Project Site, (Draft EIR, Pages IV.I-45 and -46)

85 dBA (Leq) at 25 feet
 113.6 Converted to Sound Power Level (Lw), dBA
 95 dBA (Leq) at 25 feet
 123.6 Converted to Sound Power Level (Lw), dBA

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)			Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
		Sound System	Occupants	Total, Leq			
R1	53.3	53.8	43.0	54.1	56.7	3.4	58.3
R2	60.7	42.9	30.2	43.1	60.8	0.1	65.7
R3	67.5	48.3	36.8	48.6	67.6	0.1	72.5
R4	65.8	45.3	33.6	45.6	65.8	0.0	70.8
R5	57.8	60.5	40.2	60.5	62.4	4.6	62.8
R6	54.2	46.4	34.8	46.7	54.9	0.7	59.2
R7	53.1	49.0	37.2	49.3	54.6	1.5	58.1
R8	65.0	51.2	41.3	51.6	65.2	0.2	70.0
R9	52.1	49.7	40.8	50.2	54.3	2.2	57.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Outdoor Gathering - People



From SoundPLAN Project
Computer Noise Model.

TVC (FEIR)
Source Levels in dB(A) - FEIR - People (Hypothetical Worst-case)

Source	Source type	Lw dB(A)	
People - East Block	Area	99.6	
People - Interior Block	Area	99.6	
People - Northwest Block	Area	99.6	
People - South Block	Area	99.6	
People - Southeast Block	Area	99.6	
People - Southwest Block	Area	99.6	

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TVC (FEIR)
Calculated Noise Levels - FEIR - People (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,d 37.7 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
People - East Block	Area	36.5	
People - Southwest Block	Area	20.4	
People - Northwest Block	Area	21.8	
People - Southeast Block	Area	27.9	
People - South Block	Area	24.4	
People - Interior Block	Area	25.0	
Receptor R1 Floor F2 Leq,d 40.3 dB(A)			
People - East Block	Area	39.4	
People - Southwest Block	Area	20.3	
People - Northwest Block	Area	21.5	
People - Southeast Block	Area	30.8	
People - South Block	Area	24.7	
People - Interior Block	Area	24.6	Receptor R1b represents the south side of the Broadcast Center Apartment building
Receptor R1b Floor G Leq,d 32.1 dB(A)			
People - East Block	Area	27.6	
People - Southwest Block	Area	17.8	
People - Northwest Block	Area	12.9	
People - Southeast Block	Area	26.9	
People - South Block	Area	23.6	
People - Interior Block	Area	23.9	
Receptor R1b Floor F2 Leq,d 43.0 dB(A)			
People - East Block	Area	40.9	
People - Southwest Block	Area	27.2	
People - Northwest Block	Area	27.3	
People - Southeast Block	Area	36.2	
People - South Block	Area	30.9	
People - Interior Block	Area	31.7	
Receptor R2 Floor G Leq,d 30.2 dB(A)			
People - East Block	Area	26.7	
People - Southwest Block	Area	17.9	
People - Northwest Block	Area	18.7	
People - Southeast Block	Area	24.9	
People - South Block	Area	17.2	
People - Interior Block	Area	19.0	
Receptor R3 Floor G Leq,d 36.8 dB(A)			
People - East Block	Area	31.5	
People - Southwest Block	Area	30.0	
People - Northwest Block	Area	32.9	
People - Southeast Block	Area	21.4	
People - South Block	Area	20.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - People (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
People - Interior Block	Area	21.6	
Receptor R4 Floor G Leq,d 33.6 dB(A)			
People - East Block	Area	28.3	
People - Southwest Block	Area	18.7	
People - Northwest Block	Area	31.2	
People - Southeast Block	Area	16.4	
People - South Block	Area	17.1	
People - Interior Block	Area	20.0	
Receptor R5 Floor G Leq,d 40.2 dB(A)			
People - East Block	Area	31.3	
People - Southwest Block	Area	24.5	
People - Northwest Block	Area	31.6	
People - Southeast Block	Area	32.7	
People - South Block	Area	32.0	
People - Interior Block	Area	35.9	
Receptor R6 Floor G Leq,d 34.8 dB(A)			
People - East Block	Area	27.1	
People - Southwest Block	Area	25.4	
People - Northwest Block	Area	32.5	
People - Southeast Block	Area	21.6	
People - South Block	Area	18.6	
People - Interior Block	Area	21.0	
Receptor R7 Floor G Leq,d 37.2 dB(A)			
People - East Block	Area	17.9	
People - Southwest Block	Area	34.9	
People - Northwest Block	Area	32.3	
People - Southeast Block	Area	18.2	
People - South Block	Area	23.1	
People - Interior Block	Area	23.0	
Receptor R8 Floor G Leq,d 37.4 dB(A)			
People - East Block	Area	17.2	
People - Southwest Block	Area	33.1	
People - Northwest Block	Area	26.7	
People - Southeast Block	Area	33.3	
People - South Block	Area	27.9	
People - Interior Block	Area	23.5	
Receptor R8 Floor F2 Leq,d 41.3 dB(A)			
People - East Block	Area	20.4	
People - Southwest Block	Area	38.1	
People - Northwest Block	Area	32.2	
People - Southeast Block	Area	34.6	

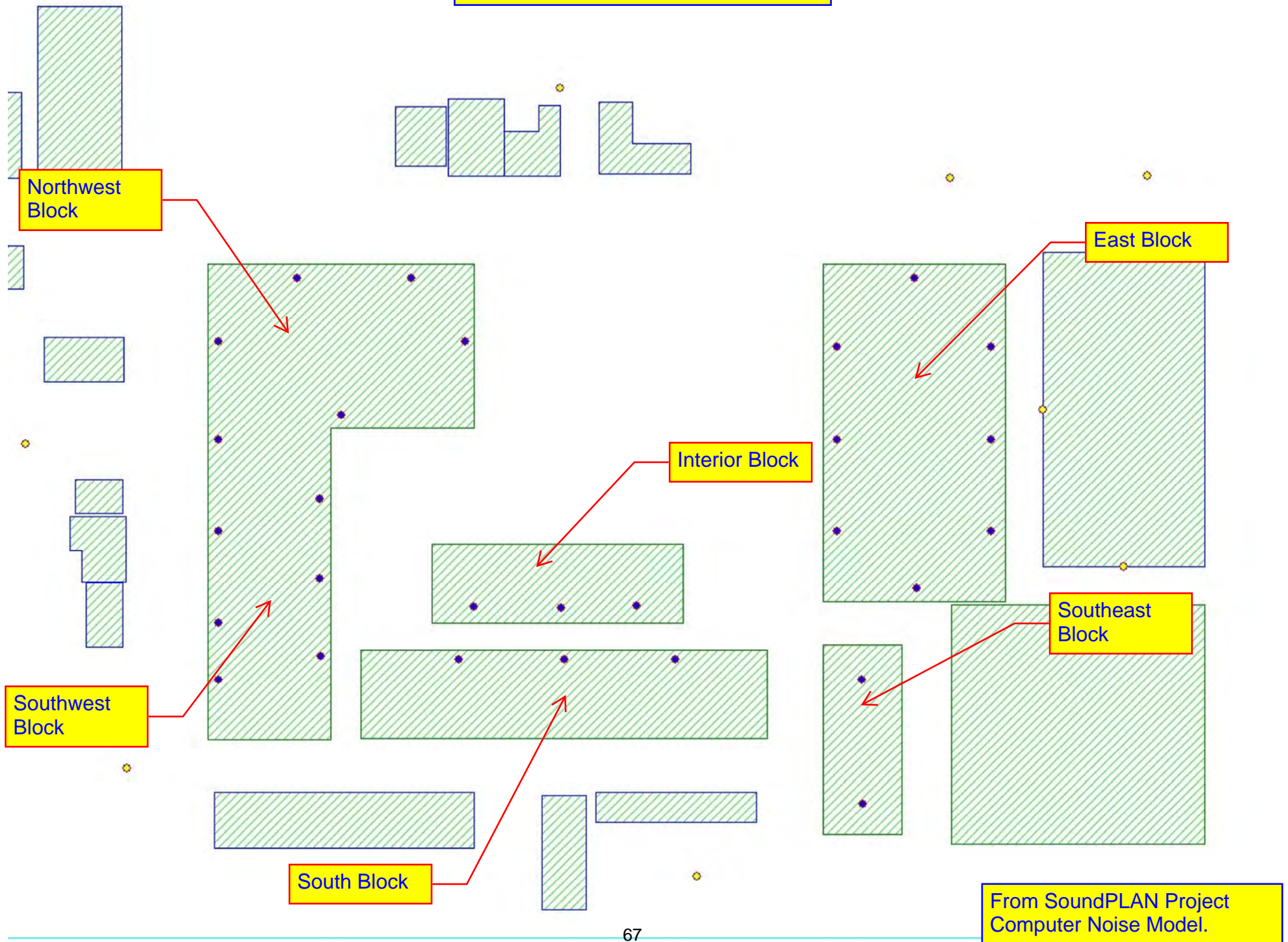
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TVC (FEIR)
Calculated Noise Levels - FEIR - People (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
People - South Block	Area	33.0	
People - Interior Block	Area	25.8	
Receptor R9 Floor G Leq,d 40.8 dB(A)			
People - East Block	Area	28.6	
People - Southwest Block	Area	29.9	
People - Northwest Block	Area	24.9	
People - Southeast Block	Area	35.6	
People - South Block	Area	37.3	
People - Interior Block	Area	30.1	

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Outdoor Gathering - Speakers



TVC (FEIR)
Source Levels in dB(A) - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Lw dB(A)	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - East Block	Point	113.6	
Speakers - Interior Block	Point	123.6	
Speakers - Interior Block	Point	123.6	
Speakers - Interior Block	Point	123.6	
Speakers - Northwest Block	Point	113.6	
Speakers - Northwest Block	Point	113.6	
Speakers - Northwest Block	Point	113.6	
Speakers - Northwest Block	Point	113.6	
Speakers - Northwest Block	Point	113.6	
Speakers - South Block	Point	113.6	
Speakers - South Block	Point	113.6	
Speakers - South Block	Point	113.6	
Speakers - Southeast Block	Point	113.6	
Speakers - Southeast Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	
Speakers - Southwest Block	Point	113.6	

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TVC (FEIR)

Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Receptor R1 Floor G Leq,d 50.3 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Speakers - East Block	Point	39.1	
Speakers - East Block	Point	39.2	
Speakers - East Block	Point	37.1	
Speakers - Northwest Block	Point	30.9	
Speakers - Northwest Block	Point	17.6	
Speakers - Northwest Block	Point	20.5	
Speakers - Northwest Block	Point	19.5	
Speakers - South Block	Point	18.1	
Speakers - Interior Block	Point	38.4	
Speakers - South Block	Point	21.0	
Speakers - South Block	Point	19.4	
Speakers - East Block	Point	42.7	
Speakers - Southeast Block	Point	23.0	
Speakers - Southwest Block	Point	15.0	
Speakers - Southwest Block	Point	15.0	
Speakers - Southwest Block	Point	15.2	
Speakers - Southeast Block	Point	29.9	
Speakers - Interior Block	Point	36.4	
Speakers - Interior Block	Point	34.4	
Speakers - East Block	Point	39.2	
Speakers - East Block	Point	36.1	
Speakers - East Block	Point	44.3	
Speakers - East Block	Point	37.9	
Speakers - Northwest Block	Point	22.5	
Speakers - Southwest Block	Point	31.0	
Speakers - Southwest Block	Point	30.4	
Speakers - Southwest Block	Point	29.3	
Speakers - Southwest Block	Point	28.4	
Receptor R1 Floor F2 Leq,d 52.9 dB(A)			
Speakers - East Block	Point	41.3	
Speakers - East Block	Point	41.4	
Speakers - East Block	Point	45.4	
Speakers - Northwest Block	Point	29.7	
Speakers - Northwest Block	Point	19.9	
Speakers - Northwest Block	Point	21.2	
Speakers - Northwest Block	Point	20.5	
Speakers - South Block	Point	19.9	
Speakers - Interior Block	Point	38.7	
Speakers - South Block	Point	23.2	
Speakers - South Block	Point	21.3	
Speakers - East Block	Point	42.3	

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TVC (FEIR)

Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - Southeast Block	Point	27.9	
Speakers - Southwest Block	Point	17.5	
Speakers - Southwest Block	Point	17.6	
Speakers - Southwest Block	Point	17.7	
Speakers - Southeast Block	Point	33.0	
Speakers - Interior Block	Point	36.6	
Speakers - Interior Block	Point	34.7	
Speakers - East Block	Point	39.4	
Speakers - East Block	Point	43.5	
Speakers - East Block	Point	43.8	
Speakers - East Block	Point	45.9	
Speakers - Northwest Block	Point	22.9	
Speakers - Southwest Block	Point	29.8	
Speakers - Southwest Block	Point	29.3	
Speakers - Southwest Block	Point	28.4	
Speakers - Southwest Block	Point	27.8	
Receptor R1b Floor G Leq,d 42.7 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Speakers - East Block	Point	33.1	
Speakers - East Block	Point	27.5	
Speakers - East Block	Point	23.3	
Speakers - Northwest Block	Point	20.8	
Speakers - Northwest Block	Point	9.5	
Speakers - Northwest Block	Point	13.2	
Speakers - Northwest Block	Point	9.6	
Speakers - South Block	Point	19.4	
Speakers - Interior Block	Point	34.1	
Speakers - South Block	Point	22.7	
Speakers - South Block	Point	20.9	
Speakers - East Block	Point	27.0	
Speakers - Southeast Block	Point	25.7	
Speakers - Southwest Block	Point	13.2	
Speakers - Southwest Block	Point	15.4	
Speakers - Southwest Block	Point	7.5	
Speakers - Southeast Block	Point	31.4	
Speakers - Interior Block	Point	32.7	
Speakers - Interior Block	Point	31.2	
Speakers - East Block	Point	34.9	
Speakers - East Block	Point	26.1	
Speakers - East Block	Point	30.6	
Speakers - East Block	Point	25.1	
Speakers - Northwest Block	Point	15.2	
Speakers - Southwest Block	Point	25.4	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - Southwest Block	Point	22.4	
Speakers - Southwest Block	Point	29.9	
Speakers - Southwest Block	Point	29.5	
Receptor R1b Floor F2 Leq,d 53.8 dB(A)			
Speakers - East Block	Point	40.2	
Speakers - East Block	Point	45.0	
Speakers - East Block	Point	39.8	
Speakers - Northwest Block	Point	34.6	
Speakers - Northwest Block	Point	25.3	
Speakers - Northwest Block	Point	28.4	
Speakers - Northwest Block	Point	25.0	
Speakers - South Block	Point	26.4	
Speakers - Interior Block	Point	41.4	
Speakers - South Block	Point	29.4	
Speakers - South Block	Point	27.7	
Speakers - East Block	Point	41.7	
Speakers - Southeast Block	Point	36.5	
Speakers - Southwest Block	Point	23.5	
Speakers - Southwest Block	Point	23.3	
Speakers - Southwest Block	Point	23.5	
Speakers - Southeast Block	Point	37.7	
Speakers - Interior Block	Point	39.2	
Speakers - Interior Block	Point	37.9	
Speakers - East Block	Point	46.4	
Speakers - East Block	Point	44.4	
Speakers - East Block	Point	43.7	
Speakers - East Block	Point	42.1	
Speakers - Northwest Block	Point	30.0	
Speakers - Southwest Block	Point	38.3	
Speakers - Southwest Block	Point	35.6	
Speakers - Southwest Block	Point	35.5	
Speakers - Southwest Block	Point	35.3	
Receptor R2 Floor G Leq,d 42.9 dB(A)			
Speakers - East Block	Point	20.7	
Speakers - East Block	Point	24.7	
Speakers - East Block	Point	23.3	
Speakers - Northwest Block	Point	27.4	
Speakers - Northwest Block	Point	13.4	
Speakers - Northwest Block	Point	16.1	
Speakers - Northwest Block	Point	17.9	
Speakers - South Block	Point	18.7	
Speakers - Interior Block	Point	29.8	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - South Block	Point	17.0	
Speakers - South Block	Point	17.0	
Speakers - East Block	Point	26.1	
Speakers - Southeast Block	Point	25.6	
Speakers - Southwest Block	Point	8.8	
Speakers - Southwest Block	Point	20.5	
Speakers - Southwest Block	Point	9.9	
Speakers - Southeast Block	Point	27.9	
Speakers - Interior Block	Point	28.5	
Speakers - Interior Block	Point	27.2	
Speakers - East Block	Point	37.8	
Speakers - East Block	Point	37.8	
Speakers - East Block	Point	30.0	
Speakers - East Block	Point	26.1	
Speakers - Northwest Block	Point	17.1	
Speakers - Southwest Block	Point	21.9	
Speakers - Southwest Block	Point	20.9	
Speakers - Southwest Block	Point	24.3	
Speakers - Southwest Block	Point	21.4	
Receptor R3 Floor G Leq,d 48.3 dB(A)			
Speakers - East Block	Point	36.0	
Speakers - East Block	Point	35.7	
Speakers - East Block	Point	32.5	
Speakers - Northwest Block	Point	38.2	
Speakers - Northwest Block	Point	35.7	
Speakers - Northwest Block	Point	31.5	
Speakers - Northwest Block	Point	33.9	
Speakers - South Block	Point	15.1	
Speakers - Interior Block	Point	38.4	
Speakers - South Block	Point	17.5	
Speakers - South Block	Point	15.5	
Speakers - East Block	Point	34.9	
Speakers - Southeast Block	Point	16.7	
Speakers - Southwest Block	Point	32.1	
Speakers - Southwest Block	Point	16.7	
Speakers - Southwest Block	Point	29.2	
Speakers - Southeast Block	Point	31.1	
Speakers - Interior Block	Point	36.9	
Speakers - Interior Block	Point	35.3	
Speakers - East Block	Point	26.6	
Speakers - East Block	Point	25.0	
Speakers - East Block	Point	30.1	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - East Block	Point	28.1	
Speakers - Northwest Block	Point	33.0	
Speakers - Southwest Block	Point	37.1	
Speakers - Southwest Block	Point	36.2	
Speakers - Southwest Block	Point	38.7	
Speakers - Southwest Block	Point	23.8	
Receptor R4 Floor G Leq,d 45.3 dB(A)			
Speakers - East Block	Point	26.8	
Speakers - East Block	Point	34.8	
Speakers - East Block	Point	29.1	
Speakers - Northwest Block	Point	39.9	
Speakers - Northwest Block	Point	32.8	
Speakers - Northwest Block	Point	29.7	
Speakers - Northwest Block	Point	23.7	
Speakers - South Block	Point	14.9	
Speakers - Interior Block	Point	35.6	
Speakers - South Block	Point	13.0	
Speakers - South Block	Point	16.1	
Speakers - East Block	Point	35.0	
Speakers - Southeast Block	Point	13.8	
Speakers - Southwest Block	Point	16.0	
Speakers - Southwest Block	Point	13.6	
Speakers - Southwest Block	Point	18.9	
Speakers - Southeast Block	Point	23.2	
Speakers - Interior Block	Point	34.0	
Speakers - Interior Block	Point	32.4	
Speakers - East Block	Point	25.0	
Speakers - East Block	Point	23.5	
Speakers - East Block	Point	32.2	
Speakers - East Block	Point	21.8	
Speakers - Northwest Block	Point	31.1	
Speakers - Southwest Block	Point	29.9	
Speakers - Southwest Block	Point	26.5	
Speakers - Southwest Block	Point	24.3	
Speakers - Southwest Block	Point	23.3	
Receptor R5 Floor G Leq,d 60.5 dB(A)			
Speakers - East Block	Point	31.1	
Speakers - East Block	Point	32.9	
Speakers - East Block	Point	36.5	
Speakers - Northwest Block	Point	39.3	
Speakers - Northwest Block	Point	28.6	
Speakers - Northwest Block	Point	38.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - Northwest Block	Point	28.3	
Speakers - South Block	Point	22.9	
Speakers - Interior Block	Point	57.2	
Speakers - South Block	Point	30.9	
Speakers - South Block	Point	29.1	
Speakers - East Block	Point	35.8	
Speakers - Southeast Block	Point	28.2	
Speakers - Southwest Block	Point	21.4	
Speakers - Southwest Block	Point	21.0	
Speakers - Southwest Block	Point	16.0	
Speakers - Southeast Block	Point	41.5	
Speakers - Interior Block	Point	56.9	
Speakers - Interior Block	Point	45.5	
Speakers - East Block	Point	32.4	
Speakers - East Block	Point	26.7	
Speakers - East Block	Point	34.0	
Speakers - East Block	Point	34.5	
Speakers - Northwest Block	Point	31.6	
Speakers - Southwest Block	Point	25.6	
Speakers - Southwest Block	Point	22.7	
Speakers - Southwest Block	Point	32.6	
Speakers - Southwest Block	Point	30.5	
Receptor R6 Floor G Leq,d 46.4 dB(A)			
Speakers - East Block	Point	27.0	
Speakers - East Block	Point	26.1	
Speakers - East Block	Point	35.3	
Speakers - Northwest Block	Point	34.7	
Speakers - Northwest Block	Point	38.0	
Speakers - Northwest Block	Point	35.3	
Speakers - Northwest Block	Point	29.0	
Speakers - South Block	Point	15.7	
Speakers - Interior Block	Point	38.0	
Speakers - South Block	Point	19.5	
Speakers - South Block	Point	14.1	
Speakers - East Block	Point	25.9	
Speakers - Southeast Block	Point	18.9	
Speakers - Southwest Block	Point	27.5	
Speakers - Southwest Block	Point	26.1	
Speakers - Southwest Block	Point	28.9	
Speakers - Southeast Block	Point	25.9	
Speakers - Interior Block	Point	32.6	
Speakers - Interior Block	Point	34.5	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - East Block	Point	21.3	
Speakers - East Block	Point	32.3	
Speakers - East Block	Point	23.3	
Speakers - East Block	Point	35.8	
Speakers - Northwest Block	Point	33.9	
Speakers - Southwest Block	Point	32.0	
Speakers - Southwest Block	Point	29.9	
Speakers - Southwest Block	Point	28.1	
Speakers - Southwest Block	Point	27.2	
Receptor R7 Floor G Leq,d 49.0 dB(A)			
Speakers - East Block	Point	18.1	
Speakers - East Block	Point	18.3	
Speakers - East Block	Point	27.1	
Speakers - Northwest Block	Point	39.9	
Speakers - Northwest Block	Point	34.8	
Speakers - Northwest Block	Point	34.4	
Speakers - Northwest Block	Point	27.3	
Speakers - South Block	Point	21.4	
Speakers - Interior Block	Point	32.5	
Speakers - South Block	Point	17.9	
Speakers - South Block	Point	19.5	
Speakers - East Block	Point	15.0	
Speakers - Southeast Block	Point	15.8	
Speakers - Southwest Block	Point	37.3	
Speakers - Southwest Block	Point	35.4	
Speakers - Southwest Block	Point	39.9	
Speakers - Southeast Block	Point	20.8	
Speakers - Interior Block	Point	34.1	
Speakers - Interior Block	Point	36.4	
Speakers - East Block	Point	15.3	
Speakers - East Block	Point	27.2	
Speakers - East Block	Point	15.2	
Speakers - East Block	Point	27.4	
Speakers - Northwest Block	Point	28.5	
Speakers - Southwest Block	Point	38.4	
Speakers - Southwest Block	Point	40.2	
Speakers - Southwest Block	Point	39.4	
Speakers - Southwest Block	Point	38.8	
Receptor R8 Floor G Leq,d 46.4 dB(A)			
Speakers - East Block	Point	15.4	
Speakers - East Block	Point	19.7	
Speakers - East Block	Point	23.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - Northwest Block	Point	34.4	
Speakers - Northwest Block	Point	26.8	
Speakers - Northwest Block	Point	33.9	
Speakers - Northwest Block	Point	21.0	
Speakers - South Block	Point	27.2	
Speakers - Interior Block	Point	28.0	
Speakers - South Block	Point	22.4	
Speakers - South Block	Point	24.4	
Speakers - East Block	Point	12.2	
Speakers - Southeast Block	Point	21.7	
Speakers - Southwest Block	Point	34.2	
Speakers - Southwest Block	Point	37.6	
Speakers - Southwest Block	Point	31.5	
Speakers - Southeast Block	Point	32.1	
Speakers - Interior Block	Point	29.1	
Speakers - Interior Block	Point	30.6	
Speakers - East Block	Point	13.4	
Speakers - East Block	Point	26.1	
Speakers - East Block	Point	12.8	
Speakers - East Block	Point	24.7	
Speakers - Northwest Block	Point	29.1	
Speakers - Southwest Block	Point	35.4	
Speakers - Southwest Block	Point	36.5	
Speakers - Southwest Block	Point	37.7	
Speakers - Southwest Block	Point	38.2	
Receptor R8 Floor F2 Leq,d 51.2 dB(A)			
Speakers - East Block	Point	20.9	
Speakers - East Block	Point	23.1	
Speakers - East Block	Point	26.0	
Speakers - Northwest Block	Point	37.8	
Speakers - Northwest Block	Point	31.0	
Speakers - Northwest Block	Point	40.3	
Speakers - Northwest Block	Point	27.1	
Speakers - South Block	Point	30.4	
Speakers - Interior Block	Point	32.2	
Speakers - South Block	Point	27.7	
Speakers - South Block	Point	28.6	
Speakers - East Block	Point	17.3	
Speakers - Southeast Block	Point	28.7	
Speakers - Southwest Block	Point	38.2	
Speakers - Southwest Block	Point	40.6	
Speakers - Southwest Block	Point	36.3	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Speakers (Hypothetical Worst-case)

Source	Source type	Leq,d dB(A)	
Speakers - Southeast Block	Point	33.2	
Speakers - Interior Block	Point	32.8	
Speakers - Interior Block	Point	34.5	
Speakers - East Block	Point	18.1	
Speakers - East Block	Point	29.0	
Speakers - East Block	Point	17.6	
Speakers - East Block	Point	26.8	
Speakers - Northwest Block	Point	34.1	
Speakers - Southwest Block	Point	39.5	
Speakers - Southwest Block	Point	41.4	
Speakers - Southwest Block	Point	43.5	
Speakers - Southwest Block	Point	44.6	
Receptor R9 Floor G Leq,d 49.7 dB(A)			
Speakers - East Block	Point	28.1	
Speakers - East Block	Point	29.4	
Speakers - East Block	Point	27.4	
Speakers - Northwest Block	Point	27.4	
Speakers - Northwest Block	Point	29.0	
Speakers - Northwest Block	Point	30.4	
Speakers - Northwest Block	Point	20.0	
Speakers - South Block	Point	37.8	
Speakers - Interior Block	Point	38.3	
Speakers - South Block	Point	43.0	
Speakers - South Block	Point	38.8	
Speakers - East Block	Point	18.7	
Speakers - Southeast Block	Point	39.6	
Speakers - Southwest Block	Point	24.1	
Speakers - Southwest Block	Point	27.7	
Speakers - Southwest Block	Point	21.9	
Speakers - Southeast Block	Point	32.5	
Speakers - Interior Block	Point	37.9	
Speakers - Interior Block	Point	35.5	
Speakers - East Block	Point	24.3	
Speakers - East Block	Point	33.5	
Speakers - East Block	Point	20.3	
Speakers - East Block	Point	34.5	
Speakers - Northwest Block	Point	32.5	
Speakers - Southwest Block	Point	29.6	
Speakers - Southwest Block	Point	32.3	
Speakers - Southwest Block	Point	36.5	
Speakers - Southwest Block	Point	41.2	

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Parking Facilities Calculations - Hypothetical Worst-Case

Project: TVC 2050

Assumptions: 2,322 parking spaces at the above grade parking structure.
Up to 40 parking spaces at each surface parking lots.
(Appendix J of the Draft EIR, pdf page 164)

Auto - Daytime Analysis (7am to 10pm)

Receptor	Daytime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R1	61.1	56.1	62.3	1.2	66.1
R2	62.8	42.9	62.8	0.0	67.8
R3	68.5	46.6	68.5	0.0	73.5
R4	67.7	41.5	67.7	0.0	72.7
R5	58.9	41.7	59.0	0.1	63.9
R6	60.4	34.8	60.4	0.0	65.4
R7	56.6	25.2	56.6	0.0	61.6
R8	66.9	27.4	66.9	0.0	71.9
R9	56.0	37.9	56.1	0.1	61.0

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

Parking - Nighttime Analysis (10pm to 7am)

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R1	53.3	56.1	57.9	4.6	58.3
R2	60.7	42.9	60.8	0.1	65.7
R3	67.5	46.6	67.5	0.0	72.5
R4	65.8	41.5	65.8	0.0	70.8
R5	57.8	41.7	57.9	0.1	62.8
R6	54.2	34.8	54.2	0.0	59.2
R7	53.1	25.2	53.1	0.0	58.1
R8	65.0	27.4	65.0	0.0	70.0
R9	52.1	37.9	52.3	0.2	57.1

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

TVC (FEIR)
Input data parking lots - FEIR - Parking (West of BCA) FEIR

Source	PLT	# of Parking Spaces	
Parking Level 2	Visitors and staff	214	
Parking Level 3	Visitors and staff	214	
Parking Level 4	Visitors and staff	214	
Parking Level 5	Visitors and staff	280	
Parking Level 6	Visitors and staff	280	
Parking Level 7	Visitors and staff	280	
Parking Level 8	Visitors and staff	280	
Parking Level 9	Visitors and staff	280	
Parking Level 10	Visitors and staff	280	
Surface Parking	Visitors and staff	20	
Surface Parking	Visitors and staff	20	
Surface Parking	Visitors and staff	40	
Surface Parking	Visitors and staff	40	

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TVC (FEIR)

Calculated Noise Levels - FEIR - Parking (West of BCA) FEIR

Source	Source type	Leq,d dB(A)	
Receiver R1 Floor G Leq,d 50.3 dB(A)			Floor G - Ground Floor Floor 2 - Upper Floor
Parking Level 2	PLot	44.9	
Parking Level 3	PLot	42.5	
Parking Level 4	PLot	40.5	
Parking Level 5	PLot	40.6	
Parking Level 6	PLot	39.4	
Parking Level 7	PLot	38.4	
Parking Level 8	PLot	37.7	
Parking Level 9	PLot	36.9	
Parking Level 10	PLot	36.2	
Surface Parking	PLot	22.9	
Surface Parking	PLot	11.1	
Surface Parking	PLot	30.1	
Surface Parking	PLot	36.1	
Receiver R1 Floor F2 Leq,d 56.1 dB(A)			
Parking Level 2	PLot	41.9	
Parking Level 3	PLot	44.3	
Parking Level 4	PLot	47.1	
Parking Level 5	PLot	52.0	
Parking Level 6	PLot	49.1	
Parking Level 7	PLot	45.6	
Parking Level 8	PLot	42.9	
Parking Level 9	PLot	40.1	
Parking Level 10	PLot	38.6	
Surface Parking	PLot	15.1	
Surface Parking	PLot	6.5	
Surface Parking	PLot	25.9	
Surface Parking	PLot	24.4	
Receiver R1b Floor G Leq,d 47.7 dB(A)			Receptor R1b represents the south side of the Broadcast Center Apartment building
Parking Level 2	PLot	40.5	
Parking Level 3	PLot	39.2	
Parking Level 4	PLot	38.4	
Parking Level 5	PLot	38.9	
Parking Level 6	PLot	37.9	
Parking Level 7	PLot	37.3	
Parking Level 8	PLot	36.4	
Parking Level 9	PLot	36.0	
Parking Level 10	PLot	35.2	
Surface Parking	PLot	5.9	
Surface Parking	PLot	8.2	
Surface Parking	PLot	17.1	
Surface Parking	PLot	29.1	
Receiver R1b Floor F2 Leq,d 52.9 dB(A)			

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TVC (FEIR)
Calculated Noise Levels - FEIR - Parking (West of BCA) FEIR

Source	Source type	Leq,d dB(A)	
Parking Level 2	PLot	40.1	
Parking Level 3	PLot	41.8	
Parking Level 4	PLot	43.4	
Parking Level 5	PLot	46.2	
Parking Level 6	PLot	45.5	
Parking Level 7	PLot	44.4	
Parking Level 8	PLot	42.9	
Parking Level 9	PLot	41.2	
Parking Level 10	PLot	39.4	
Surface Parking	PLot	7.5	
Surface Parking	PLot	6.3	
Surface Parking	PLot	21.3	
Surface Parking	PLot	23.8	
Receiver R2 Floor G Leq,d 42.9 dB(A)			
Parking Level 2	PLot	34.3	
Parking Level 3	PLot	33.7	
Parking Level 4	PLot	33.2	
Parking Level 5	PLot	34.2	
Parking Level 6	PLot	33.6	
Parking Level 7	PLot	33.0	
Parking Level 8	PLot	32.7	
Parking Level 9	PLot	32.4	
Parking Level 10	PLot	31.7	
Surface Parking	PLot	7.7	
Surface Parking	PLot	4.9	
Surface Parking	PLot	21.8	
Surface Parking	PLot	23.4	
Receiver R3 Floor G Leq,d 46.6 dB(A)			
Parking Level 2	PLot	40.7	
Parking Level 3	PLot	39.0	
Parking Level 4	PLot	37.1	
Parking Level 5	PLot	37.3	
Parking Level 6	PLot	35.8	
Parking Level 7	PLot	34.9	
Parking Level 8	PLot	32.5	
Parking Level 9	PLot	31.8	
Parking Level 10	PLot	31.2	
Surface Parking	PLot	20.4	
Surface Parking	PLot	25.0	
Surface Parking	PLot	27.3	
Surface Parking	PLot	35.2	
Receiver R4 Floor G Leq,d 41.5 dB(A)			
Parking Level 2	PLot	32.6	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Parking (West of BCA) FEIR

Source	Source type	Leq,d dB(A)	
Parking Level 3	PLot	31.8	
Parking Level 4	PLot	31.0	
Parking Level 5	PLot	32.1	
Parking Level 6	PLot	31.6	
Parking Level 7	PLot	31.0	
Parking Level 8	PLot	31.1	
Parking Level 9	PLot	30.5	
Parking Level 10	PLot	30.7	
Surface Parking	PLot	17.3	
Surface Parking	PLot	20.6	
Surface Parking	PLot	24.7	
Surface Parking	PLot	30.9	
Receiver R5 Floor G Leq,d 41.7 dB(A)			
Parking Level 2	PLot	30.1	
Parking Level 3	PLot	30.5	
Parking Level 4	PLot	30.7	
Parking Level 5	PLot	32.3	
Parking Level 6	PLot	31.7	
Parking Level 7	PLot	30.6	
Parking Level 8	PLot	30.4	
Parking Level 9	PLot	29.5	
Parking Level 10	PLot	29.2	
Surface Parking	PLot	7.3	
Surface Parking	PLot	27.8	
Surface Parking	PLot	28.0	
Surface Parking	PLot	34.9	
Receiver R6 Floor G Leq,d 34.8 dB(A)			
Parking Level 2	PLot	24.7	
Parking Level 3	PLot	25.0	
Parking Level 4	PLot	24.9	
Parking Level 5	PLot	26.4	
Parking Level 6	PLot	25.2	
Parking Level 7	PLot	25.3	
Parking Level 8	PLot	25.2	
Parking Level 9	PLot	24.9	
Parking Level 10	PLot	25.1	
Surface Parking	PLot	2.0	
Surface Parking	PLot	3.5	
Surface Parking	PLot	5.0	
Surface Parking	PLot	16.0	
Receiver R7 Floor G Leq,d 25.2 dB(A)			
Parking Level 2	PLot	13.6	
Parking Level 3	PLot	13.6	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Parking (West of BCA) FEIR

Source	Source type	Leq,d dB(A)	
Parking Level 4	PLot	13.6	
Parking Level 5	PLot	15.9	
Parking Level 6	PLot	16.2	
Parking Level 7	PLot	16.2	
Parking Level 8	PLot	15.9	
Parking Level 9	PLot	15.8	
Parking Level 10	PLot	16.0	
Surface Parking	PLot	9.3	
Surface Parking	PLot	6.7	
Surface Parking	PLot	7.5	
Surface Parking	PLot	7.2	
Receiver R8 Floor G Leq,d 24.6 dB(A)			
Parking Level 2	PLot	11.5	
Parking Level 3	PLot	11.4	
Parking Level 4	PLot	11.4	
Parking Level 5	PLot	13.4	
Parking Level 6	PLot	13.7	
Parking Level 7	PLot	13.7	
Parking Level 8	PLot	13.9	
Parking Level 9	PLot	14.0	
Parking Level 10	PLot	14.1	
Surface Parking	PLot	19.3	
Surface Parking	PLot	6.2	
Surface Parking	PLot	8.2	
Surface Parking	PLot	5.8	
Receiver R8 Floor F2 Leq,d 27.4 dB(A)			
Parking Level 2	PLot	13.4	
Parking Level 3	PLot	14.2	
Parking Level 4	PLot	14.8	
Parking Level 5	PLot	17.0	
Parking Level 6	PLot	17.6	
Parking Level 7	PLot	18.1	
Parking Level 8	PLot	18.2	
Parking Level 9	PLot	18.4	
Parking Level 10	PLot	18.6	
Surface Parking	PLot	18.4	
Surface Parking	PLot	5.9	
Surface Parking	PLot	9.5	
Surface Parking	PLot	6.1	
Receiver R9 Floor G Leq,d 37.9 dB(A)			
Parking Level 2	PLot	26.2	
Parking Level 3	PLot	26.5	
Parking Level 4	PLot	26.9	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Parking (West of BCA) FEIR

Source	Source type	Leq,d dB(A)	
Parking Level 5	PLot	28.2	
Parking Level 6	PLot	28.2	
Parking Level 7	PLot	28.3	
Parking Level 8	PLot	29.7	
Parking Level 9	PLot	29.6	
Parking Level 10	PLot	29.8	
Surface Parking	PLot	13.1	
Surface Parking	PLot	9.3	
Surface Parking	PLot	12.0	
Surface Parking	PLot	11.6	

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Gilmore Adobe - Calculations

Project: TVC 2050

Mechanical

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R9	52.1	42.3	52.5	0.4	57.1

Loading

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R9	52.1	46.2	53.1	1.0	57.1

Trash Compactor

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R9	52.1	25.0	52.1	0.0	57.1

Parking

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R9	52.1	37.9	52.3	0.2	57.1

Outdoor Gathering

Receptor	Nighttime Ambient, dBA (Leq)	Calculated Project Noise Levels (from SoundPLAN), dBA (Leq)	Ambient + Project, dBA (Leq)	Noise Level Increase, dBA (Leq)	Significance threshold, dBA (Leq)
R9	52.1	50.2	54.3	2.2	57.1

TVC (FEIR)

Calculated Noise Levels - FEIR - Mechanical (Adobe)

Source	Source type	Leq,d dB(A)	
Receptor R9 Floor G Leq,d 42.3 dB(A)			
Mechanical - Perimeter (W)	Point	26.3	
Mechanical - Perimeter (W)	Point	31.5	
Mechanical - Perimeter (S)	Point	29.5	
Mechanical - Perimeter (S)	Point	30.6	
Mechanical - Perimeter (S)	Point	29.9	
Mechanical - Perimeter (S)	Point	24.9	
Mechanical - Perimeter (S)	Point	31.4	
Mechanical - Perimeter (S)	Point	25.8	
Mechanical - Perimeter (S)	Point	30.7	
Mechanical - Perimeter (S)	Point	30.2	
Mechanical - Perimeter (W)	Point	21.7	
Mechanical - Perimeter (W)	Point	11.7	
Mechanical - Perimeter (W)	Point	10.2	
Mechanical - Perimeter (W)	Point	10.7	
Mechanical - Perimeter (W)	Point	9.5	
Mechanical - Perimeter (W)	Point	9.8	
Mechanical - Perimeter (E)	Point	31.5	
Mechanical - Perimeter (E)	Point	26.0	
Mechanical - Perimeter (E)	Point	27.3	
Mechanical - Perimeter (E)	Point	27.3	
Mechanical - Perimeter (E)	Point	12.5	
Mechanical - Perimeter (E)	Point	21.7	
Mechanical - Perimeter (E)	Point	20.7	
Mechanical - Perimeter (E)	Point	20.1	
Mechanical - Perimeter (W)	Point	19.5	
Mechanical - Perimeter (W)	Point	14.6	
Mechanical - Perimeter (W)	Point	9.6	
Mechanical - Perimeter (W)	Point	8.7	
Mechanical - Perimeter (E)	Point	28.9	
Mechanical - Perimeter (E)	Point	23.6	
Mechanical - Perimeter (E)	Point	23.3	
Mechanical - Perimeter (N)	Point	6.3	
Mechanical - Perimeter (N)	Point	6.6	
Mechanical - Perimeter (N)	Point	17.3	
Mechanical - Perimeter (N)	Point	17.9	
Mechanical - Perimeter (S)	Point	32.9	
Mechanical - Perimeter (S)	Point	25.4	
Mechanical - Interior	Point	17.6	
Mechanical - Interior	Point	15.0	
Mechanical - Interior	Point	24.0	
Mechanical - Interior	Point	23.2	
Mechanical - Interior	Point	12.9	

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TVC (FEIR) Calculated Noise Levels - FEIR - Mechanical (Adobe)

Source	Source type	Leq,d dB(A)	
Mechanical - Interior	Point	12.1	

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TVC (FEIR)

Calculated Noise Levels - FEIR - Loading (Adobe)

Source	Source type	Leq,d dB(A)	
Receptor R9 Floor G Leq,d 46.2 dB(A)			
Delivery Trucks Loading - West Stages	Point	34.7	
Delivery Trucks Loading - West Stages	Point	31.5	
Delivery Trucks Loading - West Stages	Point	26.6	
Delivery Trucks Loading - West Stages	Point	24.5	
Delivery Trucks Loading - West Stages	Point	23.9	
Delivery Trucks Loading - West Stages	Point	23.4	
Delivery Trucks Loading - West Stages	Point	22.8	
Delivery Trucks Loading - West Stages	Point	21.8	
Delivery Trucks Loading - Center South Stages	Point	31.5	
Delivery Trucks Loading - Center South Stages	Point	32.0	
Delivery Trucks Loading - Center South Stages	Point	32.0	
Delivery Trucks Loading - Center South Stages	Point	32.2	
Delivery Trucks Loading - Center South Stages	Point	32.7	
Delivery Trucks Loading - Center South Stages	Point	32.3	
Delivery Trucks Loading - Center South Stages	Point	13.7	
Delivery Trucks Loading - Center South Stages	Point	32.1	
Delivery Trucks Loading - East Stages	Point	22.6	
Delivery Trucks Loading - East Stages	Point	23.5	
Delivery Trucks Loading - East Stages	Point	24.2	
Delivery Trucks Loading - East Stages	Point	23.8	
Delivery Trucks Loading - East Stages	Point	27.8	
Delivery Trucks Loading - East Stages	Point	25.7	
Delivery Trucks Loading - East Stages	Point	26.2	
Delivery Trucks Loading - East Stages	Point	26.3	
Delivery Trucks Loading - Center North Stages	Point	23.5	
Delivery Trucks Loading - Center North Stages	Point	24.6	
Delivery Trucks Loading - Center North Stages	Point	22.8	
Delivery Trucks Loading - Center North Stages	Point	23.6	
Delivery Trucks Loading - Center North Stages	Point	23.2	
Delivery Trucks Loading - Center North Stages	Point	22.5	
Delivery Trucks Loading - West Stages	Point	22.5	
Delivery Trucks Loading - West Stages	Point	22.7	
Delivery Trucks Loading - West Stages	Point	23.6	
Delivery Trucks Loading - West Stages	Point	23.7	
Delivery Trucks Loading - West Stages	Point	25.0	
Delivery Trucks Loading - West Stages	Point	25.9	
Delivery Trucks Loading - West Stages	Point	32.6	
Delivery Trucks Loading - West Stages	Point	33.8	
Delivery Trucks Loading - Center North Stages	Point	24.6	
Delivery Trucks Loading - Center North Stages	Point	23.4	
Delivery Trucks Loading - Center South Stages	Point	31.6	
Delivery Trucks Loading - Center South Stages	Point	31.9	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Loading (Adobe)

Source	Source type	Leq,d dB(A)	
Delivery Trucks Loading - Center South Stages	Point	31.9	
Delivery Trucks Loading - Center South Stages	Point	32.0	
Delivery Trucks Loading - Center South Stages	Point	32.6	
Delivery Trucks Loading - Center South Stages	Point	32.7	
Delivery Trucks Loading - Center South Stages	Point	28.6	
Delivery Trucks Loading - Center South Stages	Point	32.4	
Delivery Trucks Loading - North Side	Point	23.5	
Delivery Trucks Loading - North Side	Point	23.5	
Delivery Trucks Loading - Base Camp	Point	21.1	
Delivery Trucks Loading - Base Camp	Point	18.6	
Delivery Trucks Loading - North Side	Point	17.6	
Delivery Trucks Loading - North Side	Point	21.5	
Delivery Trucks Loading - Base Camp	Point	18.9	
Delivery Trucks Loading - North Side	Point	17.9	
Delivery Trucks Loading - North Side	Point	21.0	
Delivery Trucks Loading - North Side	Point	21.4	
Delivery Trucks Loading - North Side	Point	24.3	
Delivery Trucks Loading - North Side	Point	24.2	

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TVC (FEIR)
Calculated Noise Levels - FEIR - Trash Compactor (Adobe)

Source	Source type	Leq,d dB(A)	
Receptor R9 Floor G Leq,d 25.0 dB(A)			
Trash Compactor 1	Point	22.2	
Trash Compactor 2	Point	21.8	

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Project: TVCity

Construction Phase: *Demolition*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Excavator	1	81	40%	125	5
Concrete Saw	1	90	20%	125	5
Water Truck	1	82	10%	150	5
Rubber Tired Dozer	1	82	40%	150	5
Concrete Saw	1	90	20%	175	5
Excavator	1	81	40%	175	5
Rubber Tired Dozer	1	82	40%	200	5
Excavator	1	81	40%	200	5
Excavator	1	81	40%	225	5

9

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 74.0

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity

Construction Phase: Grading/Excavation

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Bore/Drill Rig	1	84	20%	125	5
Cranes (Mobile)	1	81	16%	125	5
Excavator	1	81	40%	150	5
Water Truck	1	82	10%	150	5
Pump	1	81	20%	175	5
Rubber Tired Dozer	1	82	40%	175	5
Rubber Tired Loader	1	79	40%	200	5
Tractor/Loader/Backhoe	1	78	40%	200	5
Welders	1	74	40%	225	5
Bore/Drill Rig	5	84	20%	225	5
Cranes (Mobile)	1	81	16%	250	5
Excavator	2	81	40%	250	5
Water Truck	1	82	10%	275	5
Pump	3	81	20%	275	5
Rubber Tired Dozer	2	82	40%	275	5
Rubber Tired Loader	1	79	40%	300	5
Tractor/Loader/Backhoe	2	78	40%	300	5
Welders	1	74	40%	300	5

27

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 72.6

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity

Construction Phase: *Mat Foundation*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Pump	1	81	20%	125	5
Plate Compactor	1	83	20%	125	5
Pump	1	81	20%	150	5
Plate Compactor	1	83	20%	150	5
Pump	1	81	20%	175	5
Plate Compactor	1	83	20%	175	5
Pump	1	81	20%	200	5
Plate Compactor	1	83	20%	200	5
Pump	1	81	20%	225	5
Plate Compactor	1	83	20%	225	5
Pump	1	81	20%	250	5
Plate Compactor	1	83	20%	250	5

12

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 70.2

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity

Construction Phase: *Structure/Enclosure*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Aerial Lift (Electric)	1	75	20%	125	5
Crane (Tower)	1	89	20%	125	5
Forklift	1	75	20%	150	5
Other Equipment	1	85	50%	150	5
Pump	1	81	20%	175	5
Tractor/Loader/Backhoe	1	78	40%	175	5
Welder	1	74	40%	200	5
Aerial Lift (Electric)	1	75	20%	200	5
Crane (Tower)	1	89	20%	225	5
Forklift	1	75	20%	225	5
Other Equipment	1	85	50%	250	5
Pump	1	81	20%	250	5
Welder	1	74	40%	275	5
Aerial Lift (Electric)	1	75	20%	275	5
Crane (Tower)	1	89	20%	275	5
Other Equipment	2	85	50%	300	5
Aerial Lift (Electric)	11	75	20%	300	5
Crane (Tower)	1	89	20%	300	5

29

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 74.4

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity

Construction Phase: *Architectural Coatings/Finishes*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Air Compressor	1	78	40%	125	5
Aerial Lift (Electric)	1	75	20%	125	5
Crane (Tower)	1	81	16%	150	5
Forklift	1	75	20%	150	5
Air Compressor	1	78	40%	175	5
Aerial Lift (Electric)	1	75	20%	175	5
Crane (Tower)	1	81	16%	200	5
Forklift	1	75	20%	200	5
Air Compressor	1	78	40%	225	5
Aerial Lift (Electric)	1	75	20%	225	5
Crane (Tower)	1	81	16%	250	5
Air Compressor	1	78	40%	250	5
Aerial Lift (Electric)	1	75	20%	275	5
Crane (Tower)	1	81	16%	275	5
Air Compressor	1	78	40%	275	5
Aerial Lift (Electric)	1	75	20%	300	5
Air Compressor	1	78	40%	300	5
Aerial Lift (Electric)	9	75	20%	300	5

26

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 68.0

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity

Construction Phase: *Paving/Landscaping*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Rollers	1	80	20%	125	5
Paving Equipment	1	77	50%	125	5
Signal Boards	1	73	50%	150	5
Skid Steer Loaders	1	79	40%	150	5
Trenchers	1	50	80%	175	5
Skid Steer Loaders	1	79	40%	175	5

6

Receptor: 9 Gilmore Adobe

Results:

1-hour Leq: 66.6

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: TVCity (Final EIR)

Construction Vibration Impacts

Reference Levels at 25 feet are based on FTA, 2006 (Transit Noise and Vibration Impact Assessment)

Calculations using FTA procedure with $n=$ 1.5 (for receptors 25 feet or greater)

$n=$ 1.1 (for receptors less than 25 feet, per Caltrans procedure)

ON-SITE CONSTRUCTION ACTIVITIES

Table 1: Construction Equipment Vibration Levels (PPV) - Building Damage

Equipment	Reference Vibration Levels at 25 ft., PPV	Estimated Vibration Levels at nearest off-site building structures, distance in feet, PPV											
		Rancho La Brea Adobe (Gilmore Adobe) to the South											
		Distance	Level	Distance	Level	Distance	Level	Distance	Level	Distance	Level	Distance	Level
Large Bulldozer	0.089	125	0.008										
Caisson Drilling	0.089	125	0.008										
Loaded Trucks	0.076	125	0.007										
Jackhammer	0.035	125	0.003										
Small bulldozer	0.003	125	0.000										

Table 2: Construction Equipment Vibration Levels (VdB) - Human Annoyance

Equipment	Reference Vibration Levels at 25 ft., VdB	Estimated Vibration Levels at Off-Site Receptors (at note distance in feet), VdB											
		Gilmore Adobe											
		Distance	Level	Distance	Level	Distance	Level	Distance	Level	Distance	Level	Distance	Level
Large Bulldozer	87	125	66.0										
Caisson Drilling	87	125	66.0										
Loaded Trucks	86	125	65.0										
Jackhammer	79	125	58.0										
Small bulldozer	58	125	37.0										

Groundwater Wells & Dewatering Pump

Project: TVC 2050

The installation of temporary groundwater wells would occur during the demolition phase prior to excavation, for a short duration (approximately two weeks), and would include the use of five pieces of construction equipment. Noise levels associated with the installation of temporary groundwater wells would be less than demolition and excavation phases.

The temporary dewatering activities during Project construction would also include the use of 28 small 0.5-hp electric dewatering pumps operating 24 hours per day, spread across the Project Site. The noise associated with electric pumps is minimal and substantially less than the noise from other construction equipment. Further, the dewatering pumps would be located behind the construction soundwalls, which would shield noise from the off-site noise sensitive receptors. Therefore, based on distance attenuation and noise reduction provided by the construction soundwalls, noise levels from dewatering pumps would be well below the existing nighttime ambient noise levels at all off-site sensitive receptor locations.

Off-Site Water and Wastewater Improvements Connection Calculation

Project: TVC 2050

Project: TVC 2050

Construction Phase: *Off-Site Water and Wastewater Improvements*

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw (electric)	1	76	20%	75	0
Backhoe	1	78	40%	75	0

Receptor: 2
3

Results:
1-hour Leq: 71.7

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project Composite Noise Calculations (CNEL)

Project: TVC 2050

Receptor	Ambient ^a	Mechanical ^a	Outdoor Spaces ^a	Parking ^a	Loading ^a	On-site Vehicle	Mobility Hub	Traffic ^a	Basecamp & Outdoor Productions	Project Composite	Ambient + Project	Increase	Threshold
R1	62.3	49.4	53.4	54.6	61.3	59.9	0.0	51.3	0.0	64.8	66.8	4.5	67.3
R1U	62.3	55.3	57.6	58.6	59.2	56.9	7.3	51.3	0.0	64.9	66.8	4.5	67.3
R2	65.9	43.2	50.5	52.1	51.5	46.4	0.0	51.3	53.0	57.9	66.5	0.6	70.9
R3	72.4	43.7	60.8	40.2	55.7	0.0	8.8	51.3	0.0	62.4	72.8	0.4	77.4
R4	70.9	38.1	52.7	36.8	45.8	0.0	0.0	51.3	0.0	55.7	71.0	0.1	75.9
R5	62.7	46.4	61.6	41.7	56.8	46.3	16.3	51.3	0.0	63.3	66.0	3.3	67.7
R6	60.9	41.7	55.5	28.2	38.8	25.5	14.6	51.3	0.0	57.1	62.4	1.5	65.9
R7	58.7	48.0	58.2	37.1	52.9	42.6	29.2	51.3	40.6	60.3	62.6	3.9	63.7
R8	70.1	46.5	50.1	40.0	40.1	51.5	47.7	51.3	0.0	57.0	70.3	0.2	75.1
R8U	70.1	51.4	56.4	41.8	39.4	51.2	46.7	51.3	0.0	59.6	70.5	0.4	75.1
R9	57.8	49.0	52.6	42.0	43.4	40.5	19.2	51.3	0.0	56.5	60.2	2.4	62.8

Receptor R9 is a commercial use but was hypothetically considered to be a noise sensitive receptor for informational purposes in response to comments.

U - represents upper levels

a. Draft EIR Appendix J Noise Calculations Worksheets

CNEL Noise Calculations

On-Site Vehicle

Receptor	Existing Conditions			Future Conditions			Project Contribution (Future - Existing)
	Daytime, Leq	Nighttime, Leq	CNEL	Daytime, Leq	Nighttime, Leq	CNEL	
R1	59.4	54.3	62.5	60.0	57.0	64.4	59.9
R1U	47.6	41.5	59.2	48.7	43.4	61.2	56.9
R2	47.6	41.5	50.2	48.7	43.4	51.7	46.4
R3	51.6	46.4	54.7	46.7	42.6	50.4	0.0
R4	44.1	38.8	47.1	41.3	37.5	45.2	0.0
R5	44.3	38.9	47.2	46.4	41.7	49.8	46.3
R6	25.2	20.8	28.7	26.1	22.9	30.4	25.5
R7	45.1	40.5	48.5	45.2	42.1	49.5	42.6
R8	47.8	44.0	51.7	49.9	47.4	54.6	51.5
R8U	39.7	34.5	50.5	40.1	37.5	53.9	51.2
R9	39.7	34.5	42.8	40.1	37.5	44.8	40.5

U - represents upper levels

Basecamp and Outdoor Production Activities

Receptor	Existing Conditions			Future Conditions			Project Contribution (Future - Existing)
	Daytime, Leq	Nighttime, Leq	CNEL	Daytime, Leq	Nighttime, Leq	CNEL	
R1	64.7	53.2	65.3	58.8	49.9	60.2	0.0
R1U	61.9	52.8	63.2	58.6	50.9	60.5	0.0
R2	52.5	42.1	53.4	54.0	47.2	56.2	53.0
R3	55.8	51.7	59.5	48.1	47.9	54.6	0.0
R4	47.8	46.0	53.1	41.1	41.0	47.7	0.0
R5	49.5	49.3	56.0	49.2	49.2	55.9	0.0
R6	39.3	38.3	45.2	36.0	35.9	42.6	0.0
R7	50.4	50.2	56.9	50.3	50.3	57.0	40.6
R8	52.4	52.4	59.1	50.7	50.7	57.4	0.0
R8U	55.0	54.9	61.6	53.3	53.3	60.0	0.0
R9	49.5	48.7	55.5	42.4	42.1	48.8	0.0

U - represents upper levels

Mobility Hub

Receptor	Future Conditions						Project Contribution
	Daytime, Leq	Nighttime, Leq	CNEL				
R1	0.0	0.0	0.0				0.0
R1U	0.8	0.6	7.3				7.3
R2	0.0	0.0	0.0				0.0
R3	2.3	2.1	8.8				8.8
R4	0.0	0.0	0.0				0.0
R5	9.9	9.6	16.3				16.3
R6	8.2	7.9	14.6				14.6
R7	22.7	22.5	29.2				29.2
R8	41.2	41.0	47.7				47.7
R8U	40.2	40.0	46.7				46.7
R9	12.8	12.5	19.2				19.2

U - represents upper levels