



DOUGLASKIM+ASSOCIATES,LLC

AMBIENT NOISE MEASUREMENTS



Figure 1

Noise Measurement Locations



DOUGLASKIM+ASSOCIATES,LLC

Session Report

6/30/2022

Information Panel

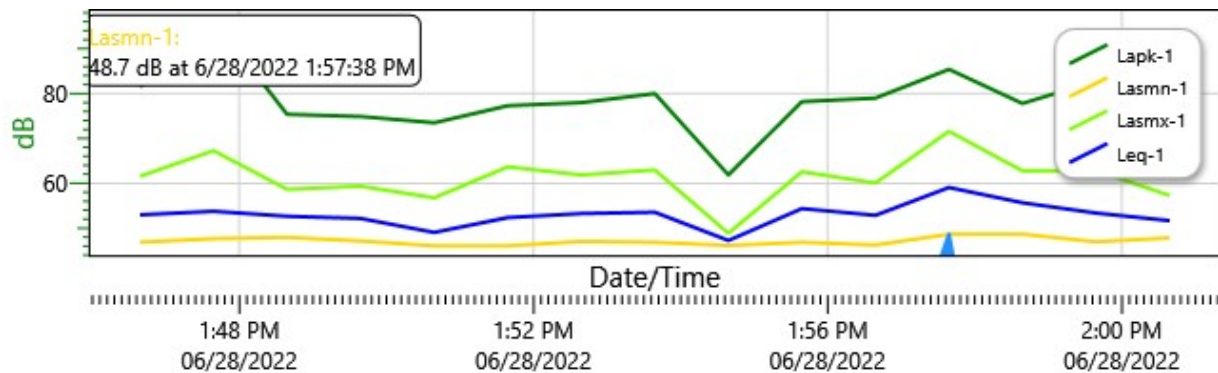
Name	6130 Lexington Avenue
Comments	
Start Time	6/28/2022 1:45:39 PM
Stop Time	6/28/2022 2:00:45 PM
Run Time	00:15:06
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	53.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

6130 Lexington Avenue: Logged Data Chart



Logged Data Table

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
-----------	--------	---------	---------	-------

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
6/28/2022 1:46:39 PM	81.5	46.9	61.6	53
1:47:39 PM	96.3	47.7	67.3	53.8
1:48:39 PM	75.4	48	58.7	52.7
1:49:39 PM	74.9	47.2	59.4	52.2
1:50:39 PM	73.5	46.1	56.8	49.1
1:51:39 PM	77.3	46.1	63.7	52.4
1:52:39 PM	78	47.1	61.9	53.3
1:53:39 PM	80	46.9	63	53.6
1:54:39 PM	61.9	46.2	48.9	47.3
1:55:39 PM	78.2	46.9	62.6	54.4
1:56:39 PM	79	46.3	60.1	52.9
1:57:39 PM	85.4	48.7	71.6	59.1
1:58:39 PM	77.8	48.7	62.8	55.7
1:59:39 PM	82.8	47	62.9	53.4
2:00:39 PM	84.2	47.9	57.3	51.7

Session Report

2/8/2022

Information Panel

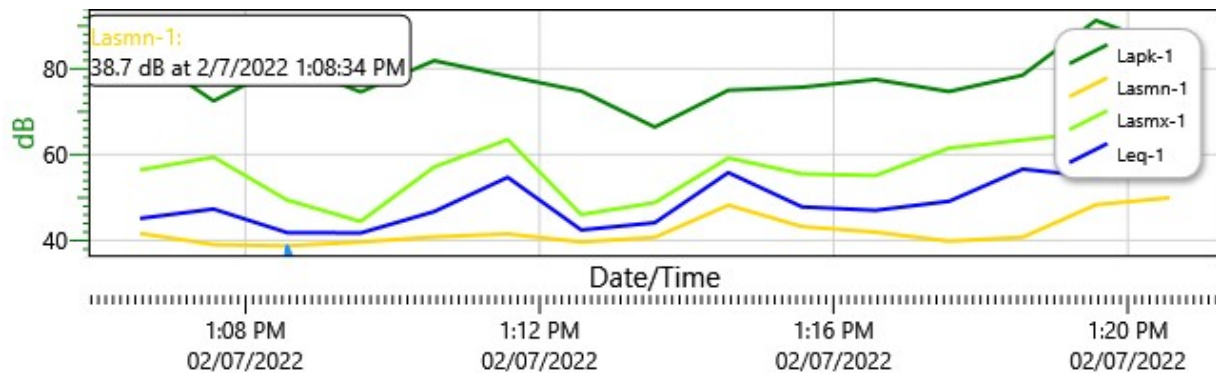
Name	Residences - 1232 Lodi Place
Comments	
Start Time	2/7/2022 1:05:34 PM
Stop Time	2/7/2022 1:20:40 PM
Run Time	00:15:06
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	52.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Residences - 1232 Lodi Place: Logged Data Chart



Logged Data Table

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
-----------	--------	---------	---------	-------

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
2/7/2022 1:06:34 PM	84.1	41.6	56.4	45.1
1:07:34 PM	72.5	39	59.4	47.3
1:08:34 PM	81.3	38.7	49.4	41.8
1:09:34 PM	74.6	39.6	44.4	41.7
1:10:34 PM	81.9	40.8	57.1	46.7
1:11:34 PM	78.3	41.5	63.5	54.7
1:12:34 PM	74.8	39.6	46	42.4
1:13:34 PM	66.4	40.7	48.8	44.1
1:14:34 PM	75	48.2	59.2	55.8
1:15:34 PM	75.7	43.2	55.5	47.8
1:16:34 PM	77.5	41.9	55.1	47
1:17:34 PM	74.7	39.8	61.5	49.1
1:18:34 PM	78.5	40.7	63.4	56.6
1:19:34 PM	91.3	48.3	65.2	54.8
1:20:34 PM	85	49.9	65.1	58.8

Session Report

2/8/2022

Information Panel

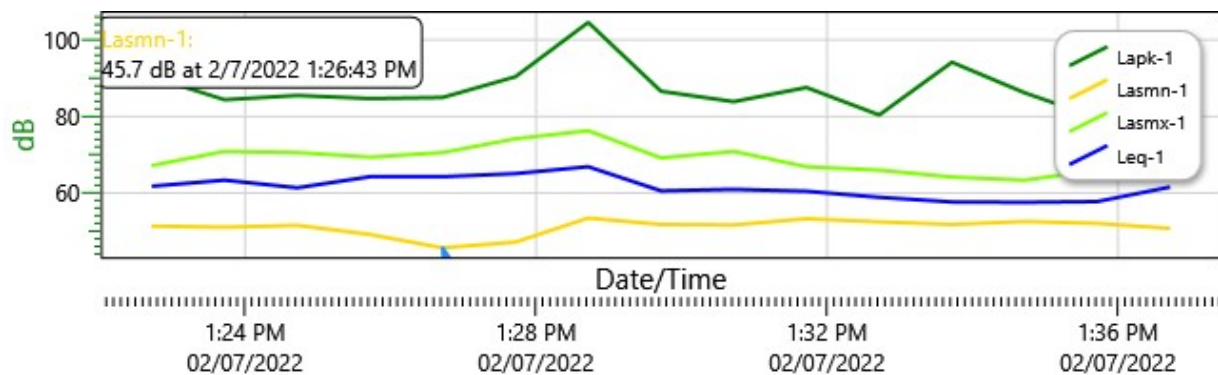
Name	Residences - 1226 Gower Street
Comments	
Start Time	2/7/2022 1:21:43 PM
Stop Time	2/7/2022 1:36:49 PM
Run Time	00:15:06
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	62.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Residences - 1226 Gower Street: Logged Data Chart



Logged Data Table

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
-----------	--------	---------	---------	-------

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
2/7/2022 1:22:43 PM	90.4	51.4	67.2	61.8
1:23:43 PM	84.4	51.1	70.9	63.4
1:24:43 PM	85.5	51.6	70.6	61.4
1:25:43 PM	84.7	49.2	69.4	64.3
1:26:43 PM	85	45.7	70.6	64.3
1:27:43 PM	90.4	47.2	74.2	65.1
1:28:43 PM	104.6	53.5	76.3	66.9
1:29:43 PM	86.6	51.8	69.2	60.6
1:30:43 PM	83.9	51.7	70.9	61
1:31:43 PM	87.6	53.3	66.9	60.5
1:32:43 PM	80.4	52.5	66	58.9
1:33:43 PM	94.2	51.8	64.2	57.7
1:34:43 PM	86.2	52.6	63.4	57.6
1:35:43 PM	79.6	52.1	66	57.8
1:36:43 PM	85.2	50.8	70.5	61.6

Session Report

2/8/2022

Information Panel

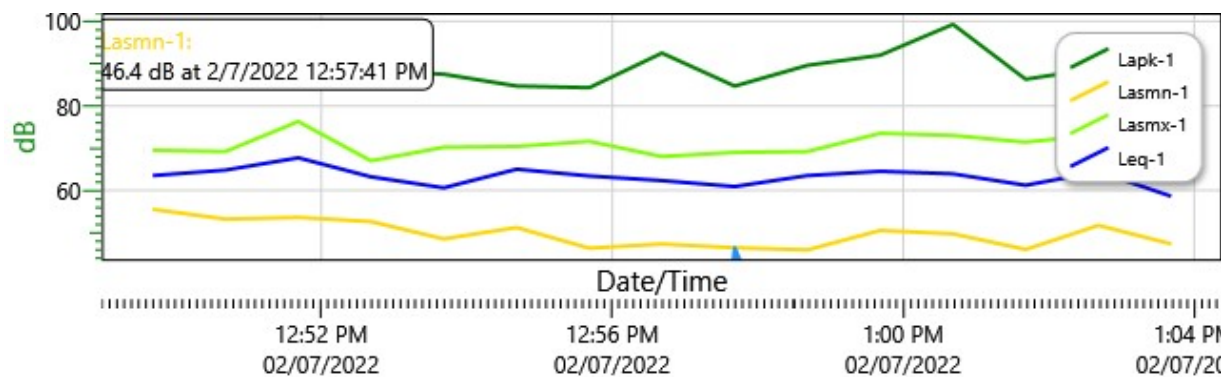
Name	Hollywood Production Center
Comments	
Start Time	2/7/2022 12:48:41 PM
Stop Time	2/7/2022 1:03:52 PM
Run Time	00:15:11
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	63.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Hollywood Production Center: Logged Data Chart



Logged Data Table

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
-----------	--------	---------	---------	-------

Date/Time	Lapk-1	Lasmn-1	Lasmx-1	Leq-1
2/7/2022 12:49:41 PM	93.1	55.5	69.5	63.5
12:50:41 PM	88.7	53.2	69.2	64.8
12:51:41 PM	98.6	53.6	76.3	67.7
12:52:41 PM	88.4	52.6	67	63.2
12:53:41 PM	87.5	48.5	70.2	60.6
12:54:41 PM	84.7	51.2	70.4	65
12:55:41 PM	84.3	46.3	71.6	63.4
12:56:41 PM	92.5	47.3	68	62.3
12:57:41 PM	84.7	46.4	69	60.9
12:58:41 PM	89.6	45.9	69.2	63.5
12:59:41 PM	92	50.5	73.5	64.5
1:00:41 PM	99.3	49.7	73	63.9
1:01:41 PM	86.3	46	71.4	61.2
1:02:41 PM	89	51.7	73.2	64.4
1:03:41 PM	82.7	47.3	67.1	58.6



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CONSTRUCTION NOISE CALCULATIONS

Noise emissions of industry sources

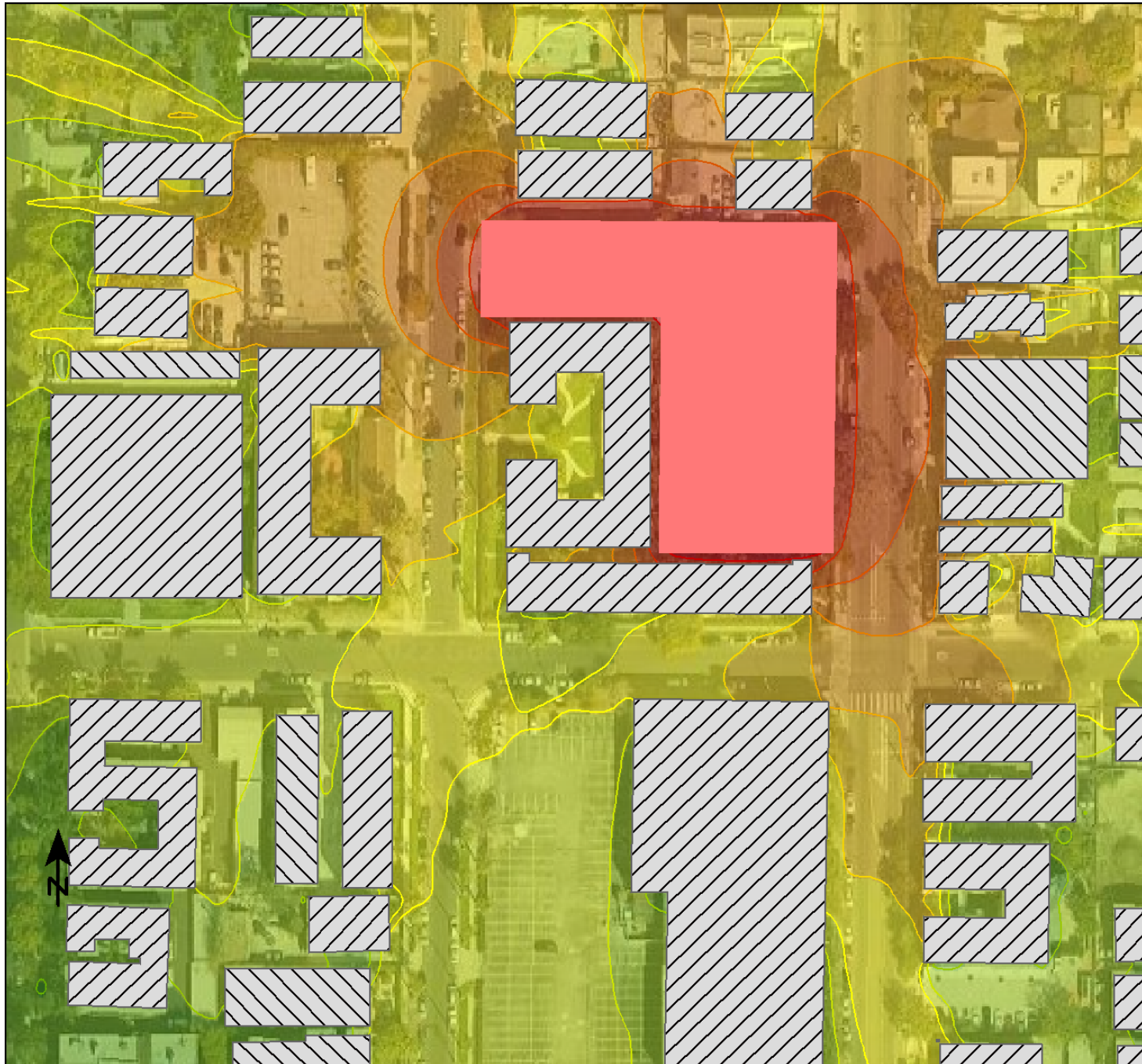
Source name	Size m/m ²	Reference	Day dB(A)	Level		Corrections		
				Evening dB(A)	Night dB(A)	Cwall dB	CI dB	CT dB
Construction Sute1	3993 m ²	Lw/unit	109.7	-	-	-	-	-

Receiver list

No.	Receiver name	Coordinates X Y in meter	Building side	Floor	Height abv.grd. m	Limit Day dB(A)	Level Day dB(A)	Conflict Day dB
1	Hollywood Production Studios	11377986.833773200.73	North	GF	98.77	-	50.2	-
2	Hollywood Studio Club	11377902.813773276.33	East	GF	98.65	-	57.1	-
3	Residences - 1200 block Gower St (east side)	11378030.933773301.82	West	GF	100.60	-	62.5	-
4	Residences - 1154 Gower St.	11378028.243773197.41	West	GF	99.48	-	55.6	-
5	Residences - 1233 Gower St.	11378001.933773316.33	East	GF	100.79	-	63.3	-
6	Residences - 6130 Lexington Ave.	11377903.833773198.25	North	GF	98.10	-	46.6	-
7	Residences - Building 2 (east side)	11377964.833773262.62	East	GF	100.01	-	71.2	-
8	Residences - Building 2 (north side)	11377948.433773287.50	North	GF	100.01	-	71.6	-
9	Residences - Building 3 (north side)	11377987.143773232.04	North	GF	99.76	-	70.8	-
10	Residences - Lodi Pl.	11377934.473773318.24	West	GF	100.57	-	63.0	-

Contribution levels of the receivers

Source name	Traffic lane	Level Day dB(A)
Hollywood Production Studios GF		50.2
Construction Site	-	50.2
Hollywood Studio Club GF		57.1
Construction Site	-	57.1
Residences - 1200 block Gower St (east side) GF		62.5
Construction Site	-	62.5
Residences - 1154 Gower St. GF		55.6
Construction Site	-	55.6
Residences - 1233 Gower St. GF		63.3
Construction Site	-	63.3
Residences - 6130 Lexington Ave. GF		46.6
Construction Site	-	46.6
Residences - Building 2 (east side) GF		71.2
Construction Site	-	71.2
Residences - Building 2 (north side) GF		71.6
Construction Site	-	71.6
Residences - Building 3 (north side) GF		70.8
Construction Site	-	70.8
Residences - Lodi Pl. GF		63.0
Construction Site	-	63.0

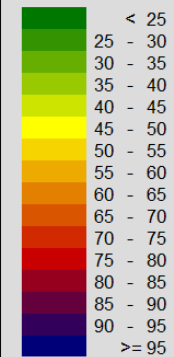


1201 North Gower Street

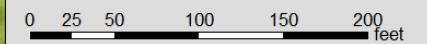
Signs and symbols

-  Building
-  Construction Site

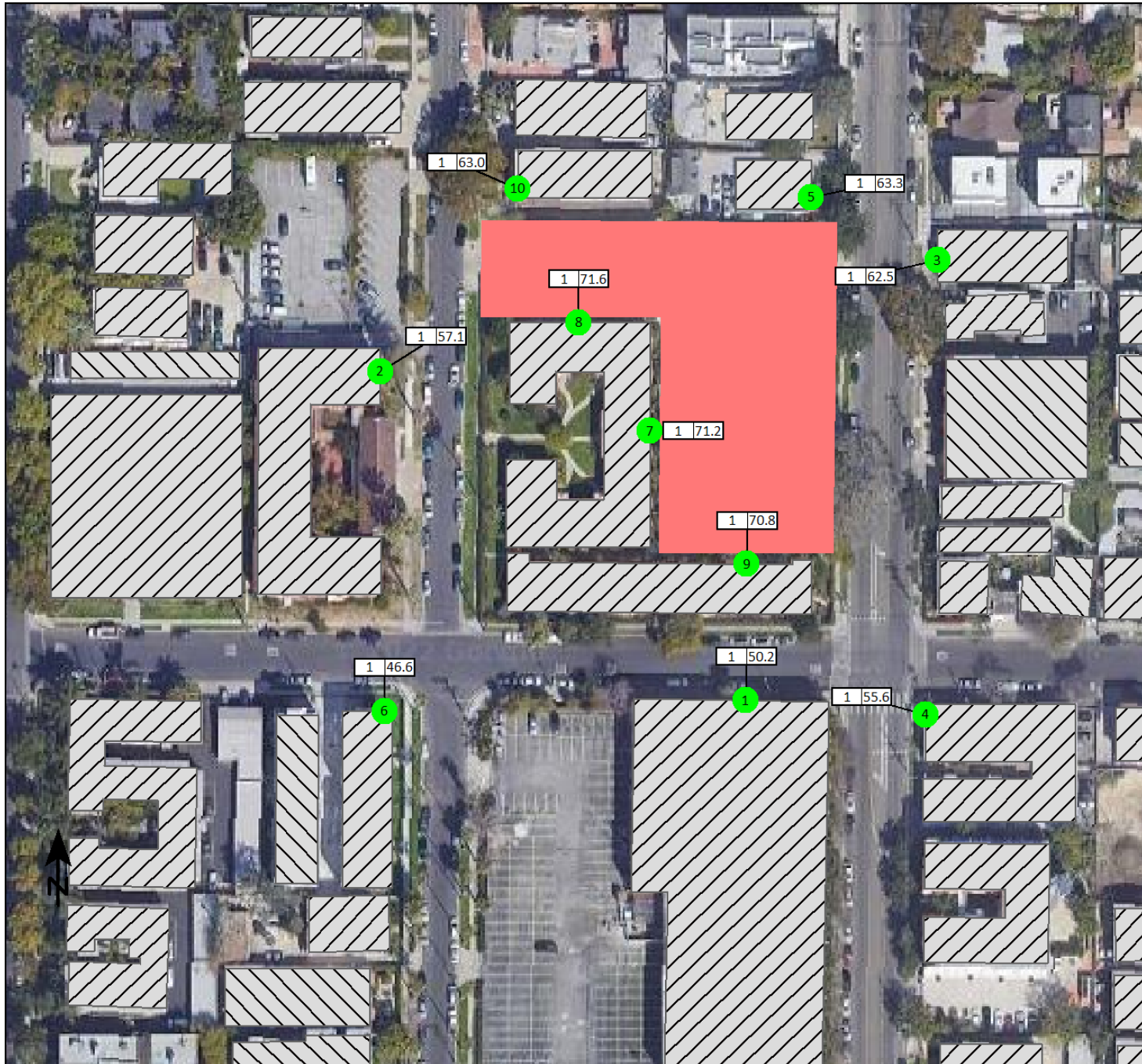
Levels in dB(A)



1 : 97



DOUGLASKIM+ASSOCIATES,LLC



1201 North Gower Street

Signs and symbols

-  Building
-  Analyzed Sensitive Receptor
-  Construction Site

1 : 97

0 25 50 100 150 200 feet



DOUGLASKIM+ASSOCIATES,LLC

Construction Noise Impacts



DOUGLAS KIM + ASSOCIATES, LLC

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences - 6130 Lexington Ave.	53.7	46.6	54.5	0.8	No
Hollywood Studio Club	52.3	57.1	58.3	6.0	No
Residences - Lodi Pl.	52.3	63.0	63.4	11.1	No
Residences - 1233 Gower St.	62.4	63.3	65.9	3.5	No
Residences - 1200 block Gower St (east side)	62.4	62.5	65.5	3.1	No
Residences - 1154 Gower St.	63.6	55.6	64.2	0.6	No
Hollywood Production Studios	63.6	50.2	63.8	0.2	No

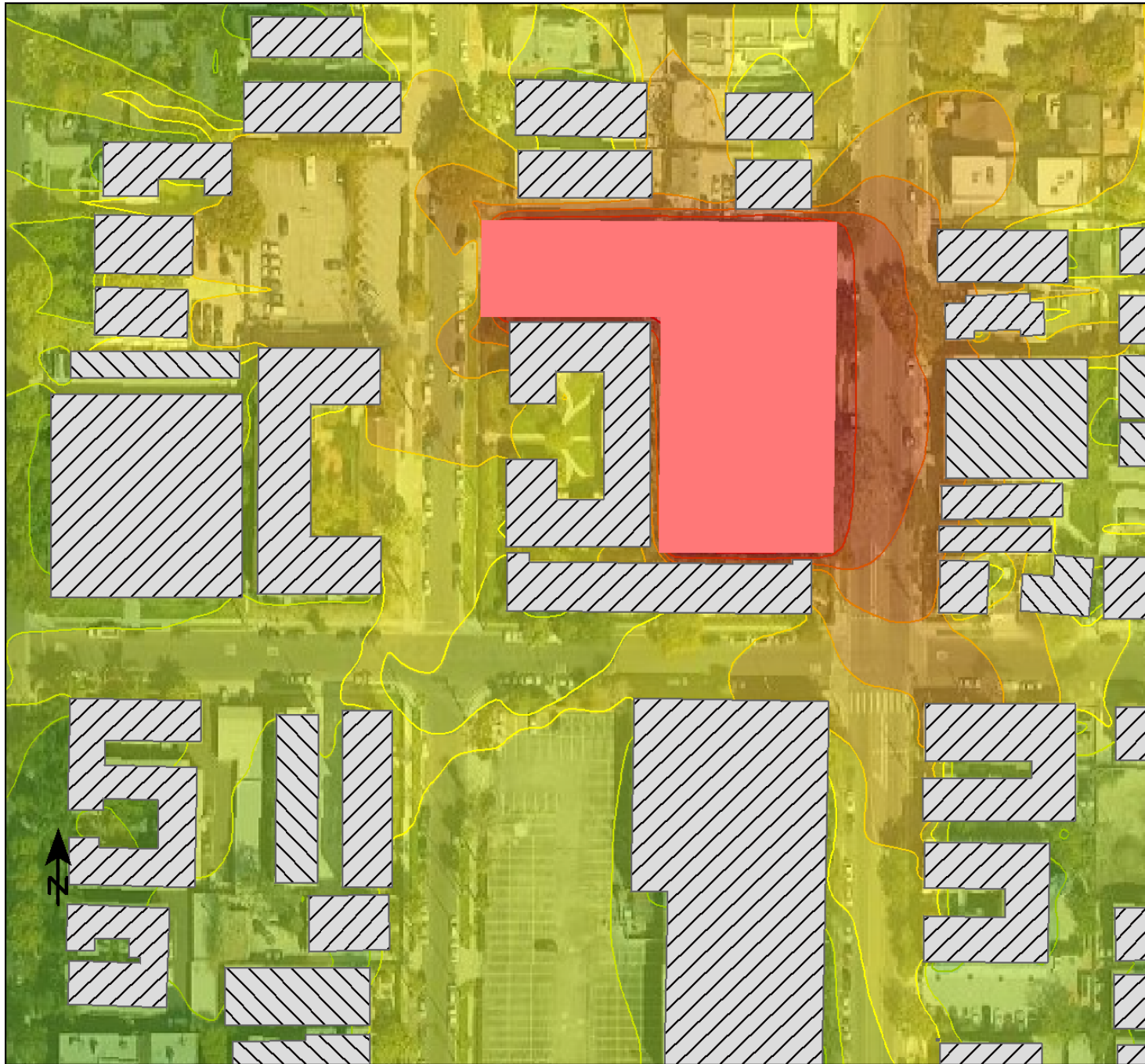
Note: Sound Power Level (Lw) assumes full sphere propagation

Receiver list

No.	Receiver name	Coordinates X Y in meter	Building side	Floor	Height abv.grd. m	Limit Day dB(A)	Level Day dB(A)	Conflict Day dB
1	Hollywood Production Studios	11377986.833773200.73	North	GF	98.77	-	50.2	-
2	Hollywood Studio Club	11377902.813773276.33	East	GF	98.65	-	51.7	-
3	Residences - 1200 block Gower St (east side)	11378030.933773301.82	West	GF	100.60	-	62.5	-
4	Residences - 1154 Gower St.	11378028.243773197.41	West	GF	99.48	-	54.6	-
5	Residences - 1233 Gower St.	11378001.933773316.33	East	GF	100.79	-	55.1	-
6	Residences - 6130 Lexington Ave.	11377903.833773198.25	North	GF	98.10	-	45.0	-
7	Residences - Building 2 (east side)	11377964.833773262.62	East	GF	100.01	-	58.6	-
8	Residences - Building 2 (north side)	11377948.433773287.50	North	GF	100.01	-	62.8	-
9	Residences - Building 3 (north side)	11377987.143773232.04	North	GF	99.76	-	56.0	-
10	Residences - Lodi Pl.	11377934.473773318.24	West	GF	100.57	-	53.7	-

Contribution levels of the receivers

Source name	Traffic lane	Level Day dB(A)
Hollywood Production Studios GF		50.2
Construction Site	-	50.2
Hollywood Studio Club GF		51.7
Construction Site	-	51.7
Residences - 1200 block Gower St (east side) GF		62.5
Construction Site	-	62.5
Residences - 1154 Gower St. GF		54.6
Construction Site	-	54.6
Residences - 1233 Gower St. GF		55.1
Construction Site	-	55.1
Residences - 6130 Lexington Ave. GF		45.0
Construction Site	-	45.0
Residences - Building 2 (east side) GF		58.6
Construction Site	-	58.6
Residences - Building 2 (north side) GF		62.8
Construction Site	-	62.8
Residences - Building 3 (north side) GF		56.0
Construction Site	-	56.0
Residences - Lodi Pl. GF		53.7
Construction Site	-	53.7

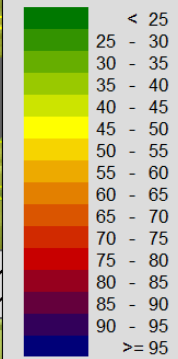


1201 North Gower Street

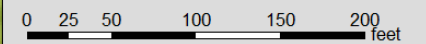
Signs and symbols

-  Building
-  Construction Site

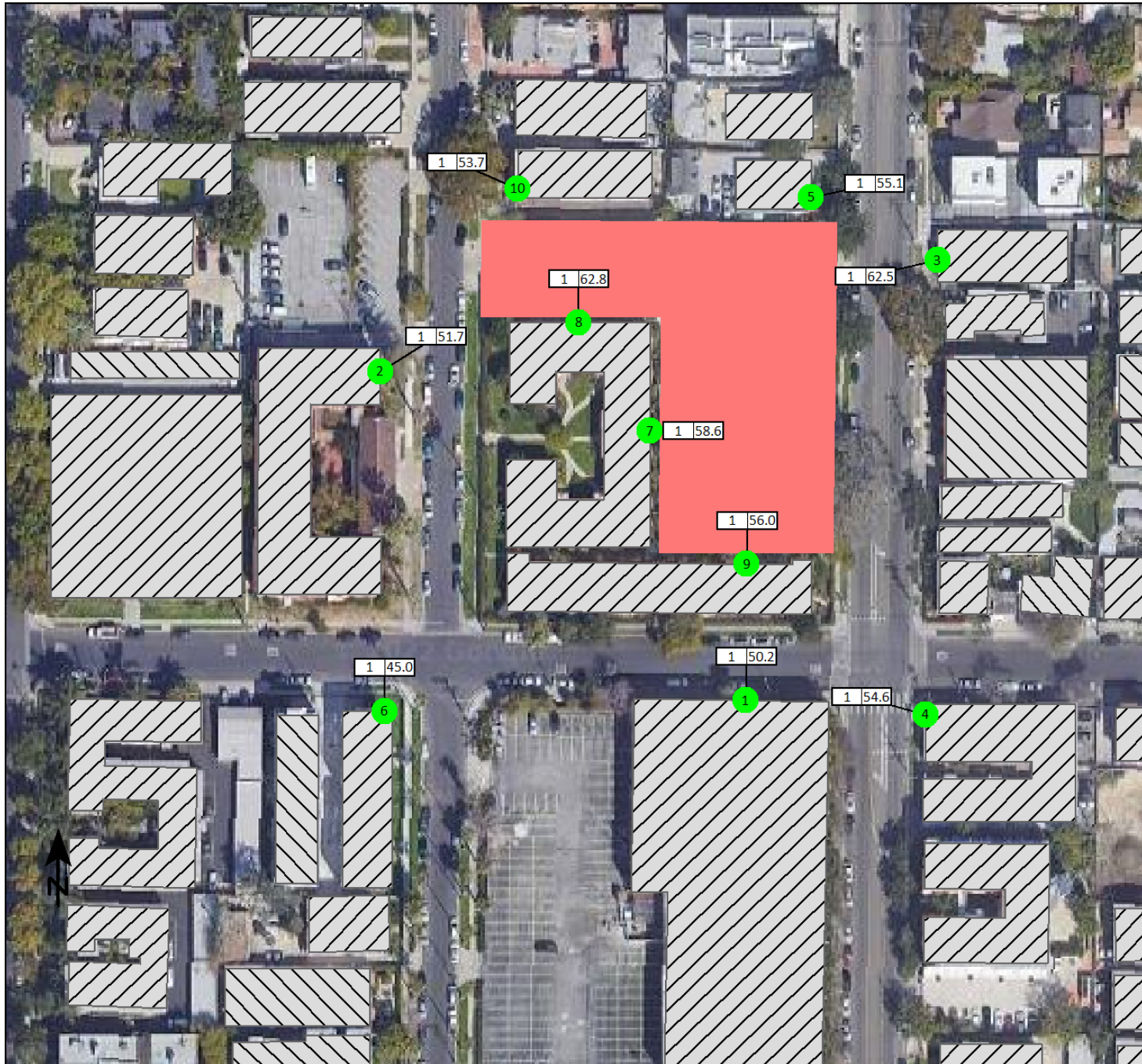
Levels in dB(A)



1 : 97



DOUGLASKIM+ASSOCIATES,LLC



1201 North Gower Street

Signs and symbols

-  Building
-  Analyzed Sensitive Receptor
-  Construction Site

1 : 97

0 25 50 100 150 200 feet



DOUGLASKIM+ASSOCIATES,LLC

Construction Noise Impacts (with Mitigation)

DOUGLAS KIM + ASSOCIATES, LLC

Reference	15.24	meter
Sound Pressure Level	79.8	dBA
Sound Power Level (Lw)	109.7	dB

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences - 6130 Lexington Ave.	53.7	44.5	54.2	0.5	No
Hollywood Studio Club	52.3	51.5	54.9	2.6	No
Residences - Lodi Pl.	52.3	53.1	55.7	3.4	No
Residences - 1233 Gower St.	62.4	55.2	63.2	0.8	No
Residences - 1200 block Gower St (east side)	62.4	62.6	65.5	3.1	No
Residences - 1154 Gower St.	63.6	55.5	64.2	0.6	No
Hollywood Production Studios	63.6	50.5	63.8	0.2	No

Note: Sound Power Level (Lw) assumes full sphere propagation

On-Site Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Building 2 (north side)	52.3	54.2	56.4	4.1	No
Building 2 (east side)	52.3	54.4	56.5	4.2	No
Building 3 (north side)	52.3	55.1	56.9	4.6	No

OFF-SITE CONSTRUCTION-RELATED TRAVEL VOLUMES



Construction Phase	Worker Trips	Vendor Trips	Haul Trips	Total	% of Traffic Volumes
Demolition	10	0	130.5	140	10.5%
Grading	7.5	0	104.9	112	8.4%
Trenching	7.5	0		8	0.6%
Building Construction	127	63.0		190	14.3%
Paving	17.5	0		17.5	1.3%
Architectural Coatings	25.4	0		25.4	1.9%
<i>Haul trips represent heavy-duty truck trips with a 19.1 Passenger Car Equivalent applied; Vendor trips are a blend of vehicle types with a 9.5!</i>					

1333 Traffic Volumes on Gower Street and Fountain Avenue



DOUGLASKIM+ASSOCIATES,LLC

DEMOLITION ANALYSIS



DOUGLAS KIM + ASSOCIATES, LLC

CONSTRUCTION BUILDING DEBRIS

Materials	Total SF	Height	Cubic Yards	Pounds per Cub	Tons	Truck Capacity (CY)	Truck Trips	Source
Construction and Debris	0	0	-	484	-	16	-	Florida Department of Environmental Protection A Fact Sheet for C&D Debris Facility Operators
General Building	15,250	12	2,237	1,000	1,118	16	280	Federal Emergency Management Agency, Debris Estimating Field Guide (FEMA 329), September 2010. General Building Formula
Single Family Residence	-	12	-	1,000	-	16	-	Federal Emergency Management Agency. Debris Estimating Field Guide (FEMA 329), September 2010. Single Family Residence Formula, assumes 1 story, Medium vegetative cover multiplier (1.3)
Multi-Family Residence	22,500	12	10,000	1,000	5,000	16	1,250	
Mobile Home				1,000	-	16	-	
Mixed Debris			-	480	-	16	-	Florida Department of Environmental Protection A Fact Sheet for C&D Debris Facility Operators
Vegetative Debris (Hardwoods)			-	500	-	16	-	
Vegetative Debris (Softwoods)			-	333	-	16	-	
Asphalt or concrete (Construction Debris)		0.5	-	2,400	-	16	-	
TOTAL			12,237		6,118		1,530	



DOUGLASKIM+ASSOCIATES,LLC

GRADING ANALYSIS



DOUGLAS KIM + ASSOCIATES, LLC

SOIL TRANSPORT WITH SHRINK AND SWELL FACTORS

	CY	% Swell	Adjusted CY	Truck Capacity (CY)	Truck Trips
Topsoil	341	56%	532	16	66
Clay (Dry)	4,159	50%	6,239	16	780
Clay (Damp)		67%	-	16	-
Earth, loam (Dry)		50%	-	16	-
Earth, loam (Damp)		43%	-	16	-
Dry sand		11%	-	16	-
TOTAL	4,500		6,770		846

Note: Topsoil considered the top ten inches of soil (Wikipedia)

Note: Soil below topsoil assumed to be dry clay; Source: Lyngso website, <https://www.lyngsogarden.com/community-resources/tips-on-modifying-your-california-soil-with-amendments/>

Source: US Department of Transportation Determination of Excavation and Embankment Volumes; <https://highways.dot.gov/federal-lands/pddm/dpg/earthwork-design>



DOUGLASKIM+ASSOCIATES,LLC

CUMULATIVE PROJECTS

CLATS

Case Logging and Tracking System

RELATED PROJECTS

Centroid Info:

PROJ ID: 53800

Address: 1201 N GOWER ST
LOS ANGELES, CA 90038

Lat/Long: 34.0926, -118.322

Buffer Radius:

1320

feet

▼

Search

Column

Include NULL "Trip info":

Include NULL "FirstStudySubmittalDate" (latest)

Include "Inactive" projects:

Include "Do not show in Related Project":

Net_AM_Trips

- Select -

Net_PM_Trips

- Select -

Net_Daily_Trips

- Select -

Record Count: 2 | Record Per Page: 5 records ▼

Results generated since: (9/21/2022 12:09:37 PM)

Proj ID	Office	Area	CD	Year	Project Title	Project Desc	Address	First Study Submittal Date	Distance (feet)
51565	Metro	HWD	13	2021	Residential with Affordable Hsg	155 Apt & 14 Affordable Apt	1125 N GOWER ST	05/26/2021	379.0
53800	Metro	HWD	13	2022	1201 N Gower St Residential w/ affordable hsg	92 market rate apts & 16 affordable hsg units	1201 N GOWER ST	08/05/2022	0.0

Trip Info										
Land Use	Unit ID	size	Net_AM_Trips	Net_PM_Trips	Net_Daily_Trips	NetAMIn	NetAMOut	NetPMIn	NetPMOut	Comments
Apartment	Total Units	155	55	63	667	16	39	38	25	total net project trips
Other	Total Units	14								land use=affordable multi-family
			55	63	667		16	39	38	25
Land Use	Unit ID	size	Net_AM_Trips	Net_PM_Trips	Net_Daily_Trips	NetAMIn	NetAMOut	NetPMIn	NetPMOut	Comments
Apartment	Total Units	92	27	24	274	7	20	14	10	Total Net Project trips
Other	Total Units	16								Affordable hsg
			27	24	274		7	20	14	10



DOUGLASKIM+ASSOCIATES,LLC

CUMULATIVE CONSTRUCTION NOISE IMPACTS

Noise emissions of industry sources

Source name	Size m/m ²	Reference	Level			Corrections		
			Day dB(A)	Evening dB(A)	Night dB(A)	Cwall dB	CI dB	CT dB
Construction Sute1	3993 m ²	Lw/unit	109.7	-	-	-	-	-
Construction Sute (Related Project 1125 Gower St)	1196 m ²	Lw/unit	109.7	-	-	-	-	-

Receiver list

No.	Receiver name	Coordinates X Y in meter	Building side	Floor	Height abv.grd. m	Limit Day dB(A)	Level Day dB(A)	Conflict Day dB
1	Hollywood Production Studios	11377986.833773200.73	North	GF	98.77	-	50.5	-
2	Hollywood Studio Club	11377902.813773276.33	East	GF	98.65	-	57.1	-
3	Residences - 1200 block Gower St (east side)	11378030.933773301.82	West	GF	100.60	-	62.5	-
4	Residences - 1154 Gower St.	11378028.243773197.41	West	GF	99.48	-	56.4	-
5	Residences - 1233 Gower St.	11378001.933773316.33	East	GF	100.79	-	63.4	-
6	Residences - 6130 Lexington Ave.	11377903.833773198.25	North	GF	98.10	-	46.9	-
7	Residences - Building 2 (east side)	11377964.833773261.56	East	GF	100.01	-	71.2	-
8	Residences - Building 2 (north side)	11377948.843773287.50	North	GF	100.01	-	71.6	-
9	Residences - Building 3 (north side)	11377982.633773232.09	North	GF	99.76	-	70.8	-
10	Residences - Lodi Pl.	11377934.473773318.24	West	GF	100.57	-	63.0	-

Contribution levels of the receivers

Source name	Traffic lane	Level Day dB(A)
Hollywood Production Studios GF		50.5
Construction Site	-	50.2
Construction Sute (Related Project 1125	-	37.6
Hollywood Studio Club GF		57.1
Construction Site	-	57.1
Construction Sute (Related Project 1125	-	35.5
Residences - 1200 block Gower St (east side) GF		62.5
Construction Site	-	62.5
Construction Sute (Related Project 1125	-	38.0
Residences - 1154 Gower St. GF		56.4
Construction Site	-	55.6
Construction Sute (Related Project 1125	-	48.5
Residences - 1233 Gower St. GF		63.4
Construction Site	-	63.3
Construction Sute (Related Project 1125	-	42.3
Residences - 6130 Lexington Ave. GF		46.9
Construction Site	-	46.7
Construction Sute (Related Project 1125	-	33.6
Residences - Building 2 (east side) GF		71.2
Construction Site	-	71.2
Construction Sute (Related Project 1125	-	37.3
Residences - Building 2 (north side) GF		71.6
Construction Site	-	71.6
Construction Sute (Related Project 1125	-	35.5
Residences - Building 3 (north side) GF		70.8
Construction Site	-	70.8
Construction Sute (Related Project 1125	-	32.8
Residences - Lodi Pl. GF		63.0
Construction Site	-	63.0
Construction Sute (Related Project 1125	-	30.2

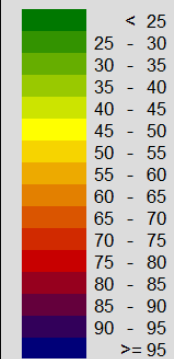


1201 North Gower Street

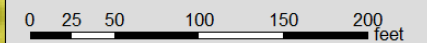
Signs and symbols

-  Building
-  Construction Site

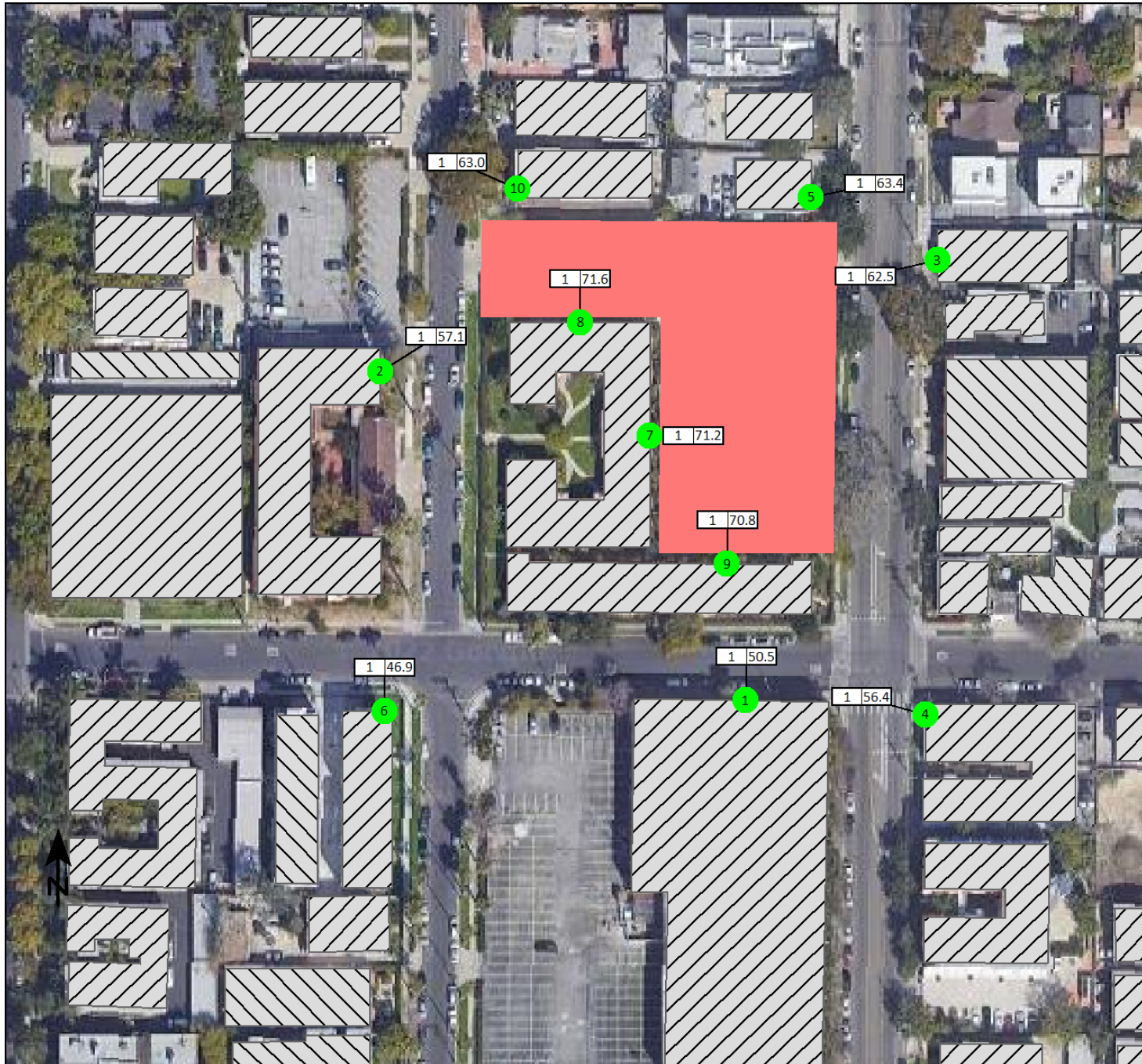
Levels in dB(A)



1 : 97



DOUGLASKIM+ASSOCIATES,LLC



1201 North Gower Street

Signs and symbols

-  Building
-  Analyzed Sensitive Receptor
-  Construction Site

1 : 97

0 25 50 100 150 200 feet



DOUGLASKIM+ASSOCIATES,LLC

Cumulative Construction Noise Impacts



DOUGLAS KIM + ASSOCIATES, LLC

Reference	15.24	meter
Sound Pressure Level (Lp)	75.0	dBA
Sound Power Level (Lw)	109.7	dB

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences - 6130 Lexington Ave.	53.7	46.9	54.5	0.8	No
Hollywood Studio Club	52.3	57.1	58.3	6.0	Yes
Residences - Lodi Pl.	52.3	63.0	63.4	11.1	Yes
Residences - 1233 Gower St.	62.4	63.4	65.9	3.5	No
Residences - 1200 block Gower St (east side)	62.4	62.5	65.5	3.1	No
Residences - 1154 Gower St.	63.6	56.4	64.4	0.8	No
Hollywood Production Studios	63.6	50.5	63.8	0.2	No

Note: Sound Power Level (Lw) assumes full sphere propagation

Receiver list

No.	Receiver name	Coordinates X Y in meter	Building side	Floor	Height abv.grd. m	Limit Day dB(A)	Level Day dB(A)	Conflict Day dB
1	Hollywood Production Studios	11377986.833773200.73	North	GF	98.77	-	50.5	-
2	Hollywood Studio Club	11377902.813773276.33	East	GF	98.65	-	51.5	-
3	Residences - 1200 block Gower St (east side)	11378030.933773301.82	West	GF	100.60	-	62.6	-
4	Residences - 1154 Gower St.	11378028.243773197.41	West	GF	99.48	-	55.5	-
5	Residences - 1233 Gower St.	11378001.933773316.33	East	GF	100.79	-	55.2	-
6	Residences - 6130 Lexington Ave.	11377903.833773198.25	North	GF	98.10	-	44.5	-
7	Residences - Building 2 (east side)	11377964.833773261.56	East	GF	100.01	-	54.4	-
8	Residences - Building 2 (north side)	11377948.843773287.50	North	GF	100.01	-	54.2	-
9	Residences - Building 3 (north side)	11377982.633773232.09	North	GF	99.76	-	55.1	-
10	Residences - Lodi Pl.	11377934.473773318.24	West	GF	100.57	-	53.1	-

Contribution levels of the receivers

Source name	Traffic lane	Level Day dB(A)
Hollywood Production Studios GF		50.5
Construction Site	-	50.2
Construction Sute (Related Project 1125	-	37.6
Hollywood Studio Club GF		51.5
Construction Site	-	51.4
Construction Sute (Related Project 1125	-	35.5
Residences - 1200 block Gower St (east side) GF		62.6
Construction Site	-	62.6
Construction Sute (Related Project 1125	-	38.0
Residences - 1154 Gower St. GF		55.5
Construction Site	-	54.5
Construction Sute (Related Project 1125	-	48.5
Residences - 1233 Gower St. GF		55.2
Construction Site	-	55.1
Construction Sute (Related Project 1125	-	38.9
Residences - 6130 Lexington Ave. GF		44.5
Construction Site	-	44.1
Construction Sute (Related Project 1125	-	33.6
Residences - Building 2 (east side) GF		54.4
Construction Site	-	54.4
Construction Sute (Related Project 1125	-	33.3
Residences - Building 2 (north side) GF		54.2
Construction Site	-	54.2
Construction Sute (Related Project 1125	-	33.2
Residences - Building 3 (north side) GF		55.1
Construction Site	-	55.0
Construction Sute (Related Project 1125	-	35.0
Residences - Lodi Pl. GF		53.1
Construction Site	-	53.0
Construction Sute (Related Project 1125	-	30.2

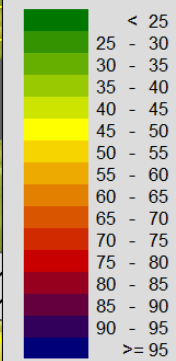


1201 North Gower Street

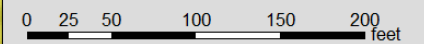
Signs and symbols

 Construction Site

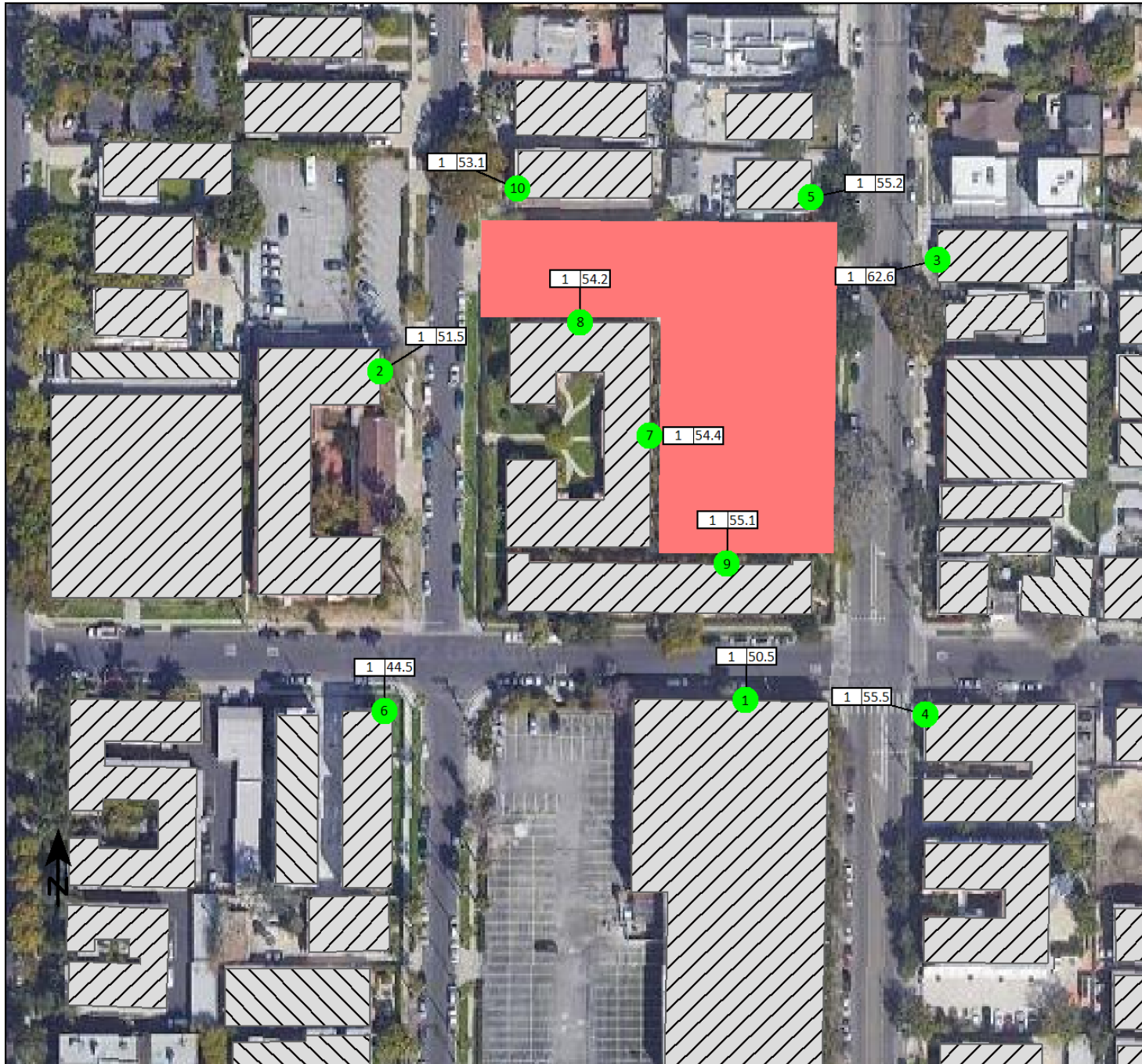
Levels in dB(A)



1 : 97



DOUGLASKIM+ASSOCIATES,LLC



1201 North Gower Street

Signs and symbols

-  Analyzed Sensitive Receptor
-  Construction Site

1 : 97

0 25 50 100 150 200 feet



DOUGLAS KIM + ASSOCIATES, LLC

Cumulative Construction Noise Impacts (with Mitig

DOUGLAS KIM + ASSOCIATES, LLC

Reference	15.24	meter
Sound Pressure Level	79.8	dBA
Sound Power Level (Lw)	109.7	dB

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences - 6130 Lexington Ave.	53.7	44.5	54.2	0.5	No
Hollywood Studio Club	52.3	51.5	54.9	2.6	No
Residences - Lodi Pl.	52.3	53.1	55.7	3.4	No
Residences - 1233 Gower St.	62.4	55.2	63.2	0.8	No
Residences - 1200 block Gower St (east side)	62.4	62.6	65.5	3.1	No
Residences - 1154 Gower St.	63.6	55.5	64.2	0.6	No
Hollywood Production Studios	63.6	50.5	63.8	0.2	No

Note: Sound Power Level (Lw) assumes full sphere propagation

On-Site Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Building 2 (north side)	52.3	54.2	56.4	4.1	No
Building 2 (east side)	52.3	54.4	56.5	4.2	No
Building 3 (north side)	52.3	55.1	56.9	4.6	No



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CONSTRUCTION VIBRATION CALCULATIONS

**1201 North Gower Street Project****Construction Vibration**

Receptor: 1233-1235 North Gower Street
Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.148

Receptor: 1233-1235 North Gower Street
Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.127

Receptor: 1232 Lodi Place
Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.148

Receptor: 1232 Lodi Place
Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.127

1201 North Gower Street Project

Receptor: 1233-1235 North Gower Street
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.005

Receptor: 1233-1235 North Gower Street
Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.058

Receptor: 1232 Lodi Place
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.005

Receptor: 1232 Lodi Place
Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	15
Vibration Level (in/sec)	0.058

Sources

California Department of Transportation (Caltrans), *Transportation and Construction Vibration Guidance Manual*,
Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, May 2006



1201 North Gower Street Project

Construction Vibration

Receptor: Hollywood Studio Club
Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	80
Vibration Level (in/sec)	0.028

Receptor: Hollywood Studio Club
Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	80
Vibration Level (in/sec)	0.024

Receptor: Residences, North Gower Street
Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	90
Vibration Level (in/sec)	0.025

Receptor: Residences, North Gower Street
Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	90
Vibration Level (in/sec)	0.021

1201 North Gower Street Project

Receptor: Hollywood Studio Club
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	80
Vibration Level (in/sec)	0.001

Receptor: Hollywood Studio Club
Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	80
Vibration Level (in/sec)	0.011

Receptor: Residences, North Gower Street
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	90
Vibration Level (in/sec)	0.001

Receptor: Residences, North Gower Street
Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	90
Vibration Level (in/sec)	0.010

Sources

California Department of Transportation (Caltrans), *Transportation and Construction Vibration Guidance Manual*,
Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, May 2006

**1201 North Gower Street Project****Construction Vibration**

Receptor: Building 2
 Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.111

Receptor: Building 2
 Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.095

Receptor: Building 3
 Equipment: Large Bulldozer, Auger Drill Rig

Source PPV (in/sec)	0.089
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.111

Receptor: Building 3
 Equipment: Loaded Trucks

Source PPV (in/sec)	0.076
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.095

1201 North Gower Street Project

Receptor: Building 2
 Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.004

Receptor: Building 2
 Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.044

Receptor: Building 3
 Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.004

Receptor: Building 3
 Equipment: Jackhammer

Source PPV (in/sec)	0.035
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	20
Vibration Level (in/sec)	0.044

Sources

California Department of Transportation (Caltrans), *Transportation and Construction Vibration Guidance Manual*,
 Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, May 2006