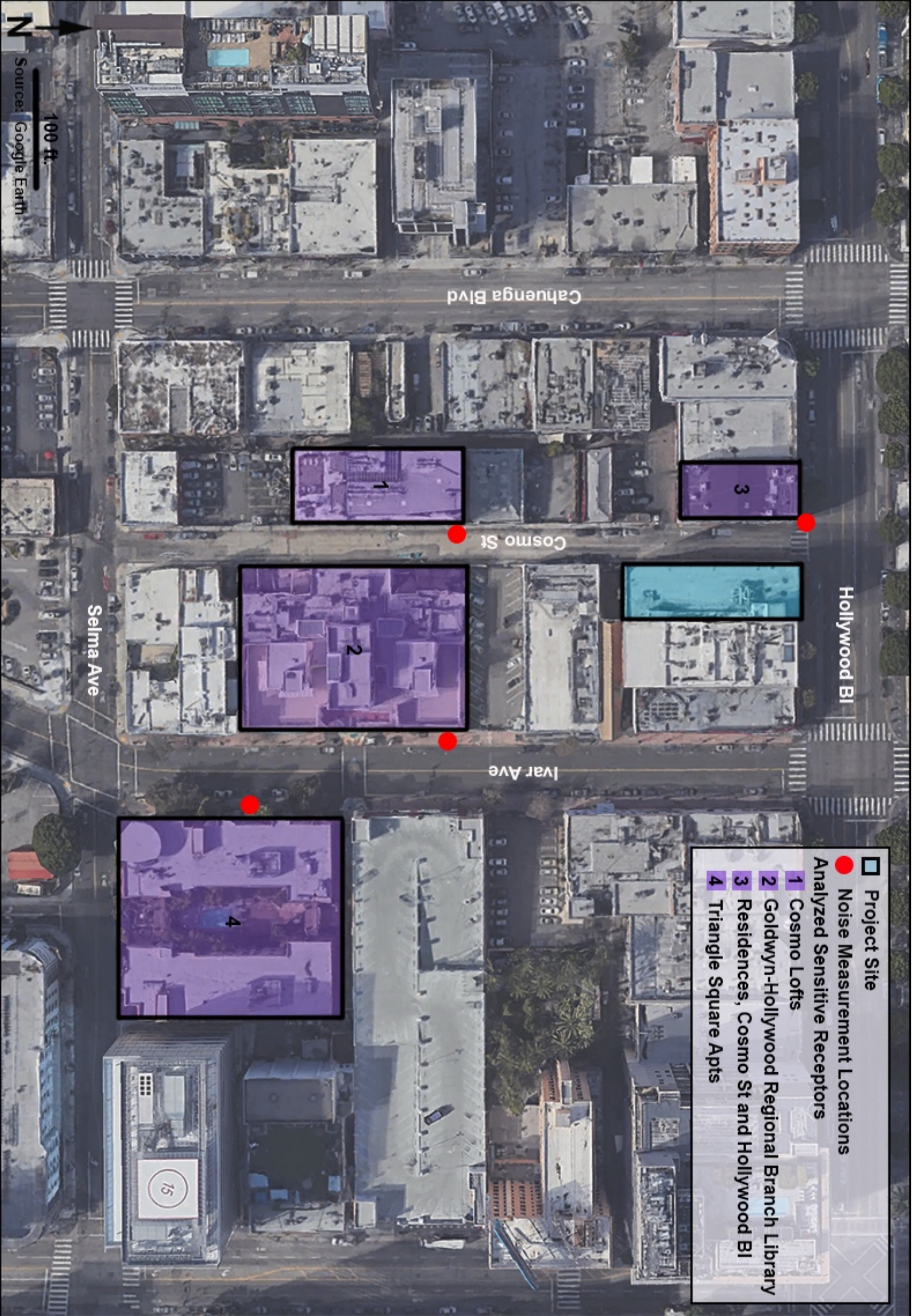




DOUGLASKIM+ASSOCIATES,LLC

AMBIENT NOISE MEASUREMENTS



N
Source: Google Earth
100 ft.



DOUGLASKIM+ASSOCIATES, LLC

Figure 1
Noise Measurement Locations

Session Report

9/7/2021

Information Panel

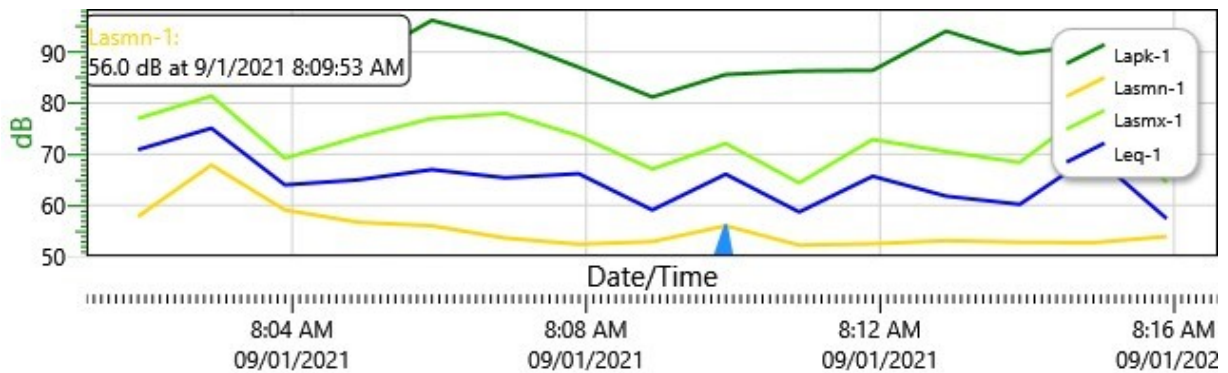
Name	Cosmo Street and Hollywood Boulevard
Comments	
Start Time	9/1/2021 8:00:54 AM
Stop Time	9/1/2021 8:15:58 AM
Run Time	00:15:04
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	67.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Cosmo Street and Hollywood Boulevard: 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
9/1/2021 8:01:54 AM	94.8	57.8	77	70.9
8:02:54 AM	94.3	67.9	81.4	75.1
8:03:54 AM	83.8	59.1	69.2	64
8:04:54 AM	88	56.7	73.4	65
8:05:54 AM	96.2	56	77	67
8:06:54 AM	92.5	53.6	78	65.4
8:07:54 AM	87	52.4	73.6	66.2
8:08:54 AM	81.2	52.9	67.1	59.1
8:09:54 AM	85.6	56	72.1	66.1
8:10:54 AM	86.3	52.2	64.4	58.7
8:11:54 AM	86.4	52.5	72.9	65.7
8:12:54 AM	94.1	53.1	70.5	61.8
8:13:54 AM	89.7	52.8	68.4	60.2
8:14:54 AM	91.5	52.7	79.1	69.9
8:15:54 AM	78.8	53.9	64.5	57.4

Session Report

9/7/2021

Information Panel

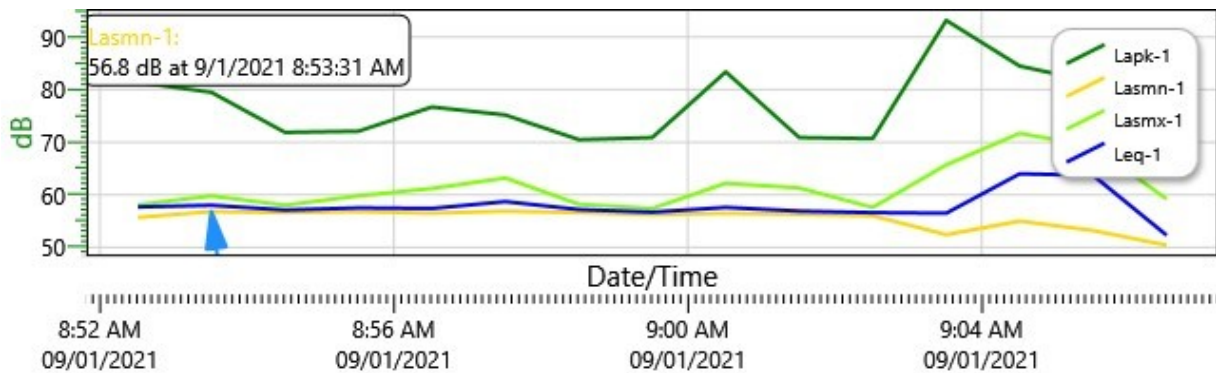
Name	Cosmo Lofts
Comments	
Start Time	9/1/2021 8:51:31 AM
Stop Time	9/1/2021 9:06:37 AM
Run Time	00:15:06
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	58.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Cosmo Lofts: 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
9/1/2021 8:52:31 AM	81.4	55.7	58.1	57.7
8:53:31 AM	79.5	56.8	59.8	58
8:54:31 AM	71.9	56.6	58	57.1
8:55:31 AM	72.1	56.8	59.8	57.5
8:56:31 AM	76.7	56.5	61.2	57.4
8:57:31 AM	75.2	56.9	63.2	58.7
8:58:31 AM	70.5	56.6	58.2	57.2
8:59:31 AM	70.9	56.2	57.4	56.7
9:00:31 AM	83.4	56.5	62.2	57.6
9:01:31 AM	70.9	56.3	61.3	56.9
9:02:31 AM	70.7	56	57.6	56.6
9:03:31 AM	93.2	52.4	65.7	56.5
9:04:31 AM	84.5	55	71.7	64
9:05:31 AM	81.5	53.2	69.2	63.7
9:06:31 AM	75.8	50.4	59.2	52.3

Session Report

9/7/2021

Information Panel

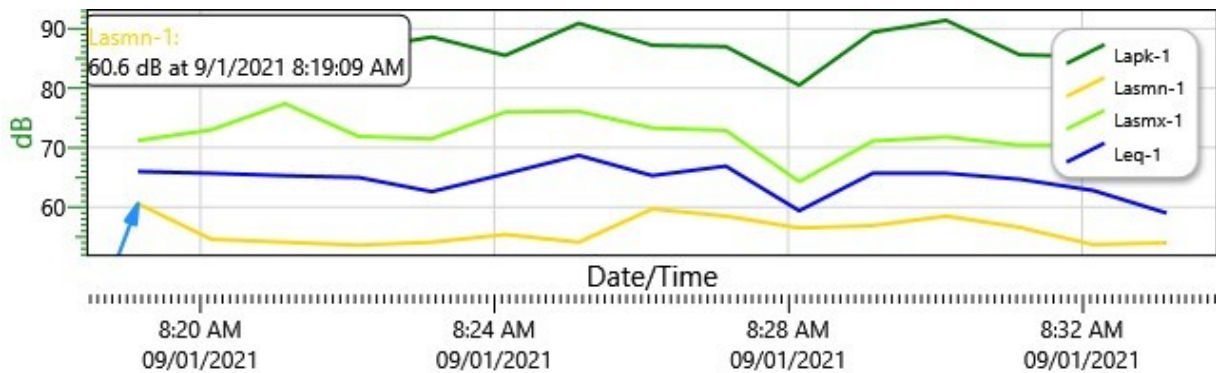
Name	Ivar Avenue Receptors
Comments	
Start Time	9/1/2021 8:18:09 AM
Stop Time	9/1/2021 8:33:14 AM
Run Time	00:15:05
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	65.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Ivar Avenue Receptors: 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
9/1/2021 8:19:09 AM	87.8	60.6	71.2	66
8:20:09 AM	86	54.6	73	65.7
8:21:09 AM	87.5	54.1	77.4	65.3
8:22:09 AM	86.5	53.6	71.9	65
8:23:09 AM	88.6	54.1	71.5	62.6
8:24:09 AM	85.5	55.4	76	65.6
8:25:09 AM	90.9	54.1	76.1	68.7
8:26:09 AM	87.2	59.7	73.3	65.3
8:27:09 AM	87	58.5	72.9	66.9
8:28:09 AM	80.5	56.5	64.3	59.4
8:29:09 AM	89.4	56.9	71.1	65.7
8:30:09 AM	91.4	58.5	71.8	65.7
8:31:09 AM	85.6	56.6	70.4	64.7
8:32:09 AM	85.3	53.7	70.5	62.8
8:33:09 AM	81.1	54	67.1	59

Session Report

9/7/2021

Information Panel

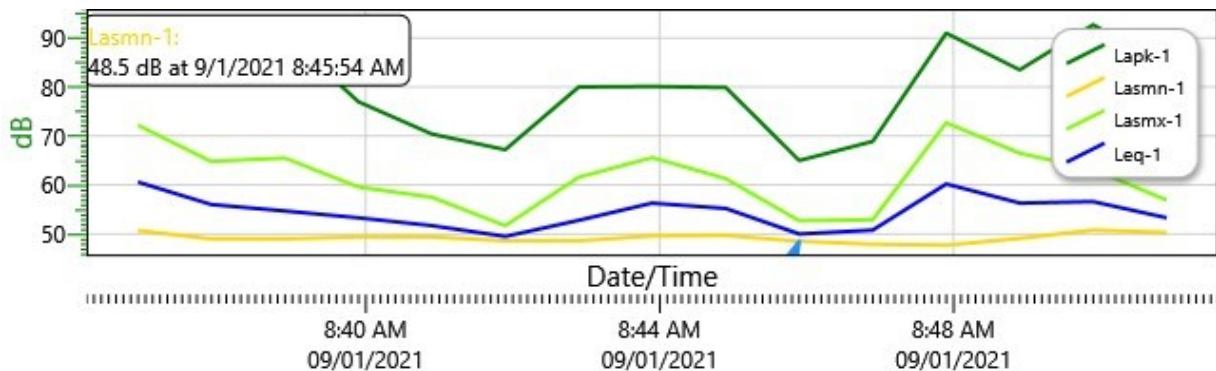
Name	Frances Howard-Golwyn Hollywood Regional Branch Library
Comments	
Start Time	9/1/2021 8:35:54 AM
Stop Time	9/1/2021 8:50:59 AM
Run Time	00:15:05
Serial Number	SE40213991
Device Name	SE40213991
Model Type	Sound Examiner
Device Firmware Rev	R.11C
Company Name	
Description	
Location	
User Name	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	55.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF

Logged Data Chart

Frances Howard-Golwyn Hollywood Regional Branch Library: 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
9/1/2021 8:36:54 AM	93.6	50.7	72.2	60.6
8:37:54 AM	87.2	49	64.8	56
8:38:54 AM	90.7	49	65.5	54.7
8:39:54 AM	77	49.4	59.6	53.3
8:40:54 AM	70.4	49.4	57.5	51.7
8:41:54 AM	67.2	48.6	51.7	49.5
8:42:54 AM	80	48.6	61.6	52.8
8:43:54 AM	80.1	49.6	65.6	56.3
8:44:54 AM	79.9	49.7	61.3	55.2
8:45:54 AM	65	48.5	52.7	50
8:46:54 AM	68.9	47.9	52.9	50.8
8:47:54 AM	91	47.7	72.7	60.2
8:48:54 AM	83.5	49.1	66.5	56.3
8:49:54 AM	92.7	50.8	63.2	56.6
8:50:54 AM	84.2	50.3	56.9	53.3



DOUGLASKIM+ASSOCIATES,LLC

CONSTRUCTION NOISE CALCULATIONS

Noise emissions of industry sources

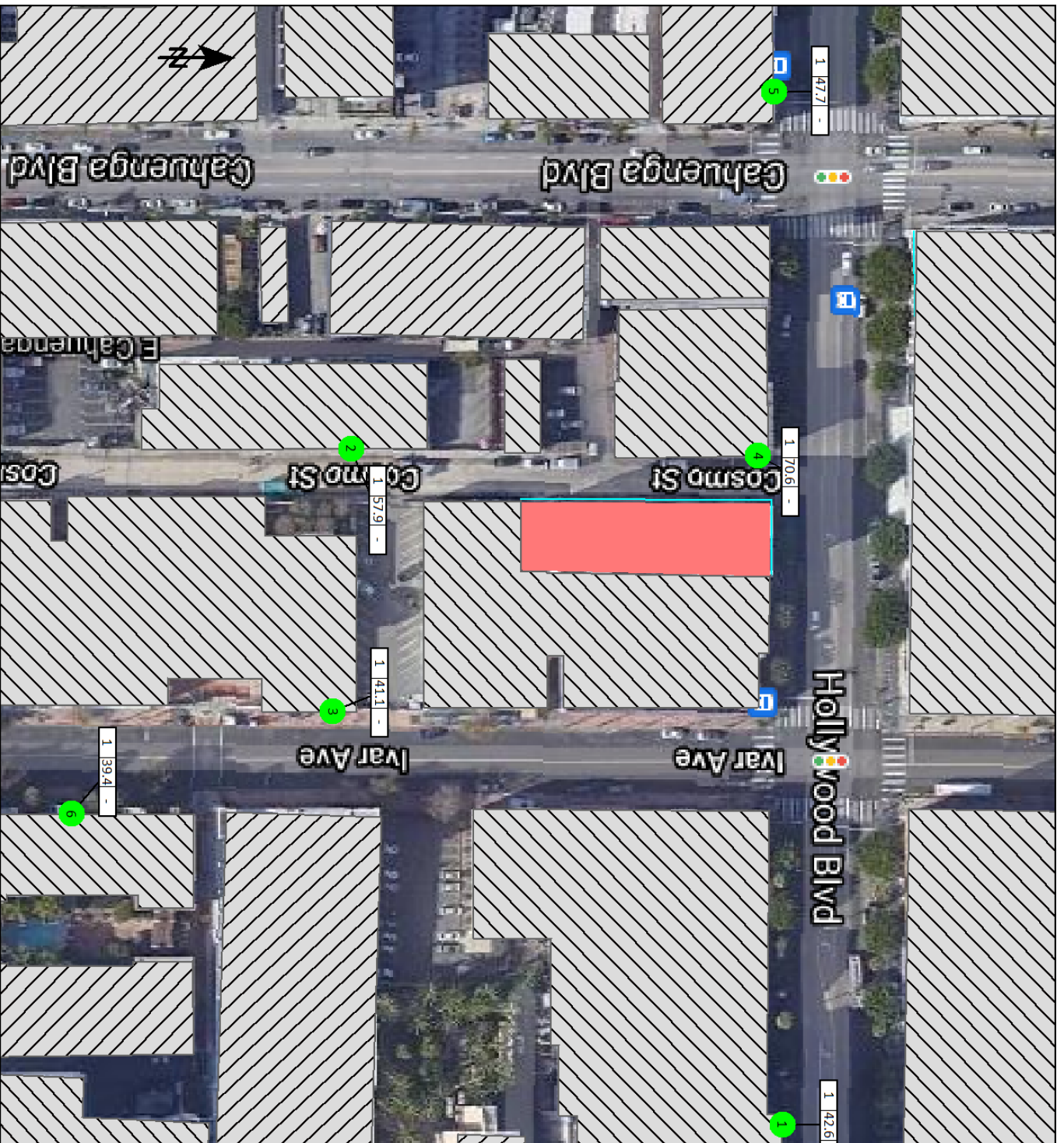
Source name	Size m/m ²	Reference	Level		Corrections		
			Day dB(A)	Night dB(A)	Cwall dB	CI dB	CT dB
Construction Site	807 m ²	Lw/unit	109.7	-	-	-	-

Receiver list

No.	Receiver name	Coordinates		Building side	Floor	Height abv.grd. m	Limit		Level		Conflict	
		X	Y				Day	Night	Day	Night	Day	Night
1	Broadway Hollywood	11377565.0	3774210.20	North	GF	117.78	-	-	42.6	0.0	-	-
2	Cosmo Lofts	11377419.4	3774117.38	East	GF	116.90	-	-	57.9	0.0	-	-
3	Library	11377476.1	3774113.39	East	GF	115.87	-	-	41.1	0.0	-	-
4	Residences - Hollywood and	11377421.1	3774204.97	East	GF	119.07	-	-	70.6	0.0	-	-
5	Residences, 6400 Hollywood	11377342.6	3774208.36	North	GF	119.54	-	-	47.7	0.0	-	-
6	Triangle Apartments	11377498.1	3774057.17	West	GF	115.98	-	-	39.4	0.0	-	-

Contribution levels of the receivers

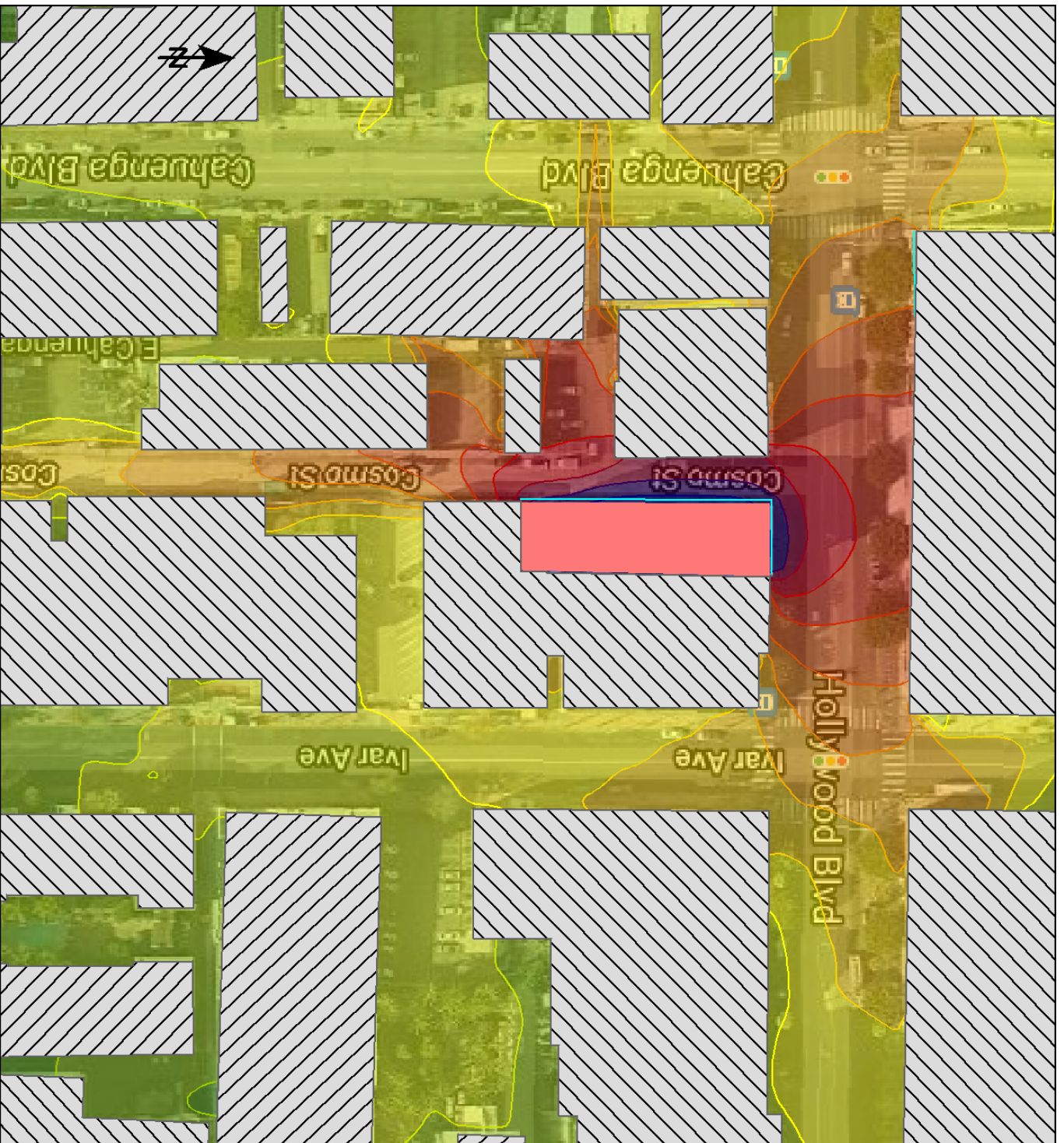
Source name		Level	
		Day	Night
		dB(A)	
Broadway Hollywood	GF	42.6	0.0
Construction Site		42.6	-
Cosmo Lofts	GF	57.9	0.0
Construction Site		57.9	-
Library	GF	41.1	0.0
Construction Site		41.1	-
Residences - Hollywood and Cosmo	GF	70.6	0.0
Construction Site		70.6	-
Residences, 6400 Hollywood Bl	GF	47.7	0.0
Construction Site		47.7	-
Triangle Apartments	GF	39.4	0.0
Construction Site		39.4	-



Signs and symbols

- Wall
- Analyzed Sensitive Receptor
- Construction Site

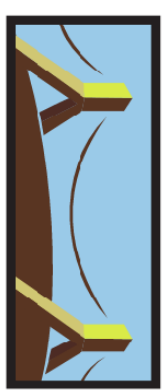
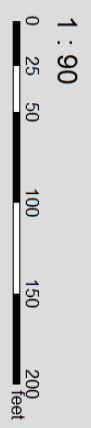
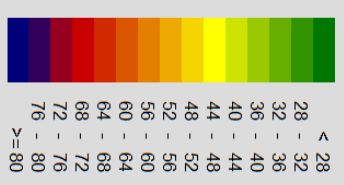




Signs and symbols

-  Wall
-  Building
-  Construction Site

Levels in dB(A)



Construction Noise Impacts (without Mitigation)



DOUGLASKIM+ASS

Reference	15.24	meter
Sound Pressure Level (Lp)	75.0	dBA
Sound Power Level (Lw)	109.6517979	dB

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences, Broadway Hollywood	67.5	42.6	67.5	0.0	No
Cosmo Lofts	58.8	57.9	61.4	2.6	No
Goldwyn-Hollywood Regional Branch Library	55.7	41.1	55.8	0.1	No
Cosmo St and Hollywood Bl	67.5	70.6	72.3	4.8	No
Residences, 6400 Hollywood Boulevard	67.5	47.7	67.5	0.0	No
Triangle Square Apartments	65.1	39.4	65.1	0.0	No



DOUGLASKIM+ASSOCIATES,LLC

OPERATIONS NOISE CALCULATIONS

Noise emissions of industry sources

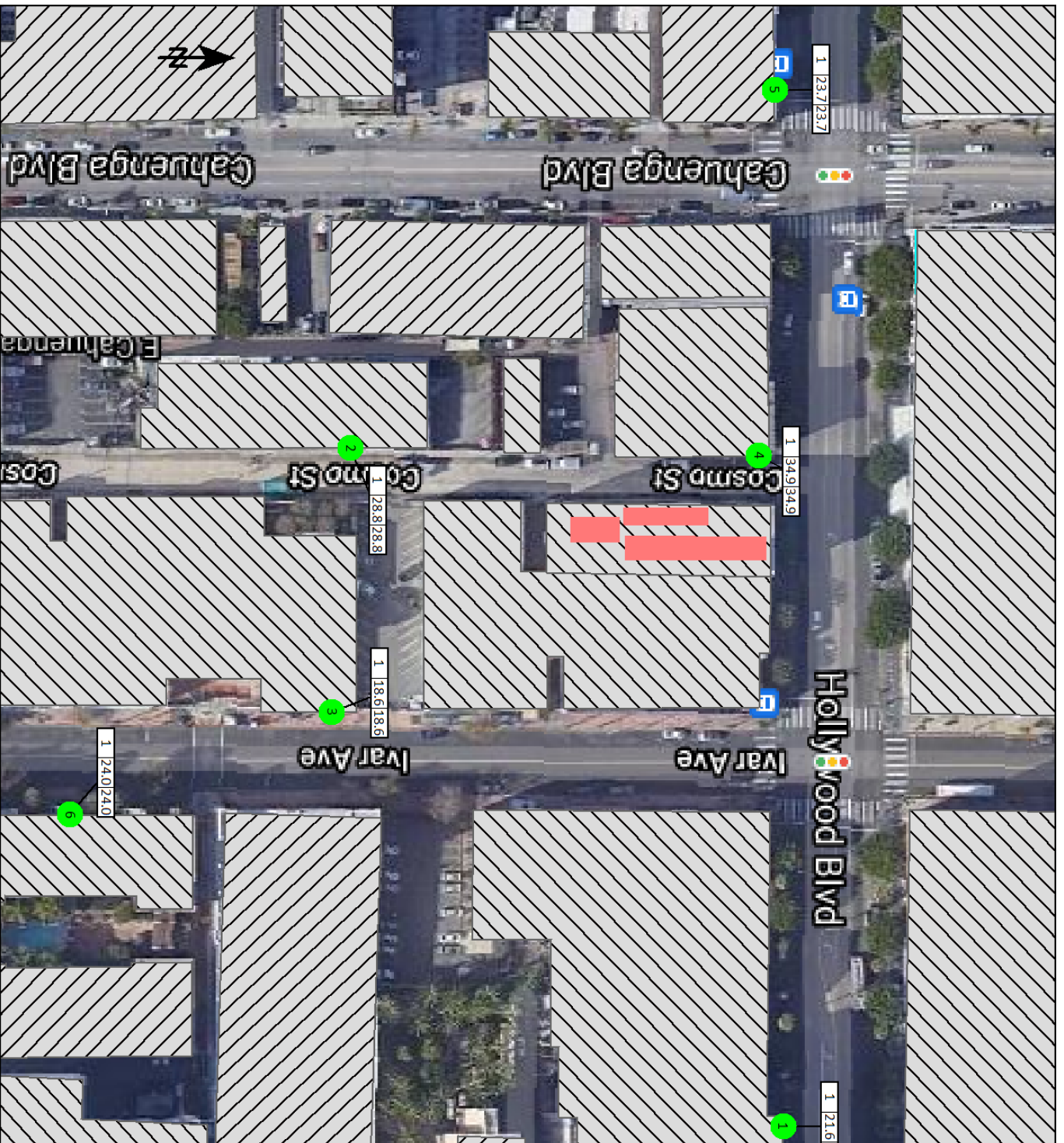
Source name	Size m/m ²	Reference	Level		Frequency spectrum [dB(A)] 500 Hz	Corrections		
				dB(A)		Cwall dB	CI dB	CT dB
Bar	112.46 m ²	Lw/unit	Day	66.0	66.0	-	-	-
			Night	66.0	66.0	-	-	-
Cabana	295.90 m ²	Lw/unit	Day	65.0	65.0	-	-	-
			Night	65.0	65.0	-	-	-
Swimming Pool	159.47 m ²	Lw/unit	Day	65.0	65.0	-	-	-
			Night	65.0	65.0	-	-	-

Receiver list

No.	Receiver name	Coordinates		Building side	Floor	Height abv.grd. m	Limit		Level		Conflict	
		X	Y				Day	Night	Day	Night	Day	Night
		in meter				dB(A)		dB(A)		dB		
1	Broadway Hollywood	11377565.0	3774210.20	North	GF	117.78	-	-	21.6	21.6	-	-
2	Cosmo Lofts	11377419.4	3774117.38	East	GF	116.90	-	-	28.8	28.8	-	-
3	Library	11377476.1	3774113.39	East	GF	115.87	-	-	18.6	18.6	-	-
4	Residences - Hollywood and	11377421.1	3774204.97	East	GF	119.07	-	-	34.9	34.9	-	-
5	Residences, 6400 Hollywood	11377342.6	3774208.36	North	GF	119.54	-	-	23.7	23.7	-	-
6	Triangle Apartments	11377498.1	3774057.17	West	GF	115.98	-	-	24.0	24.0	-	-

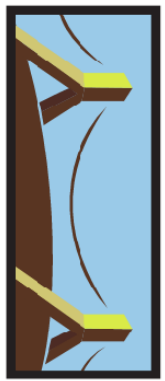
Contribution levels of the receivers

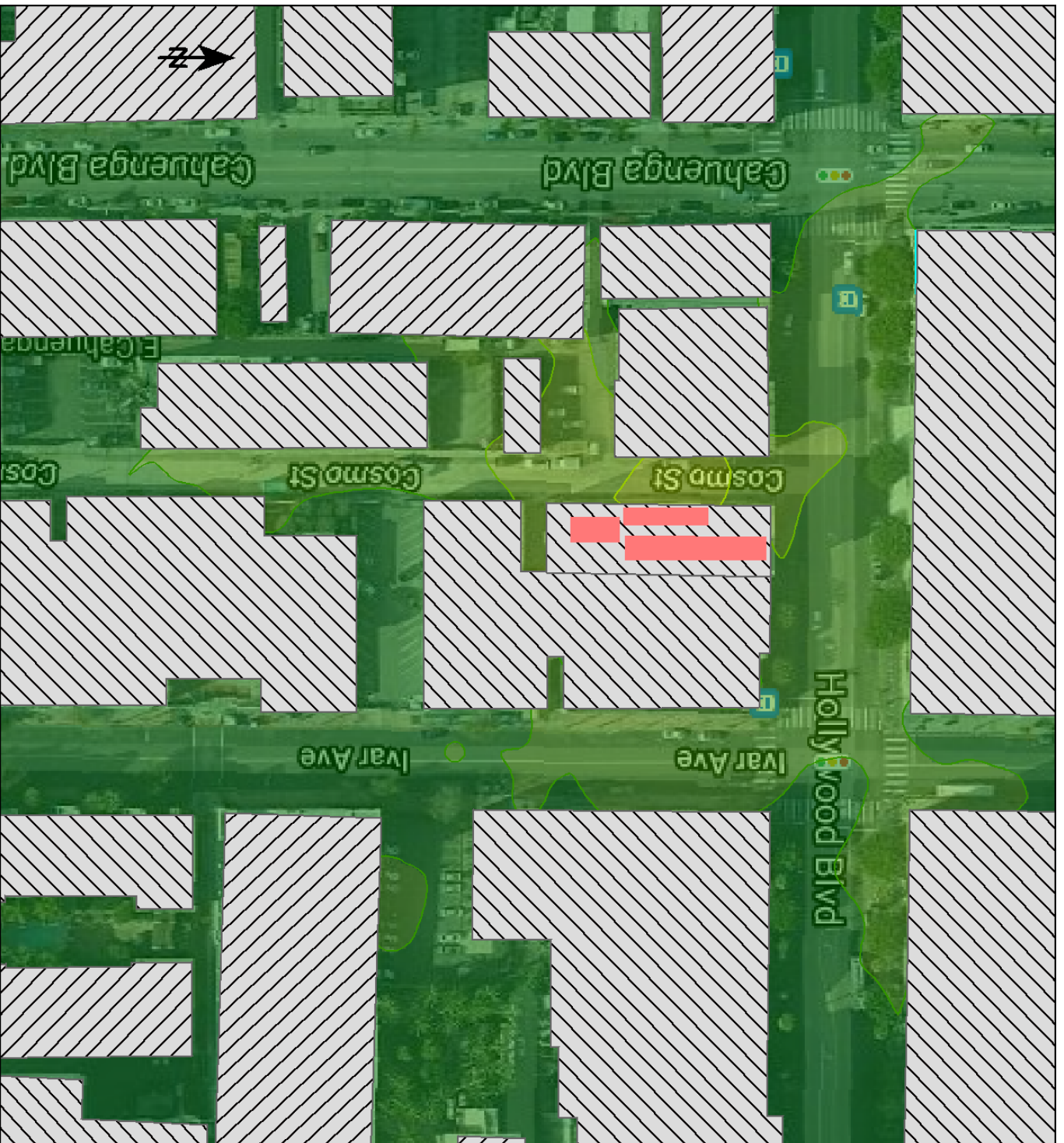
Source name		Level	
		Day	Night
		dB(A)	
Broadway Hollywood	GF	21.6	21.6
Bar		16.8	16.8
Cabana		-2.3	-2.3
Swimming Pool		19.8	19.8
Cosmo Lofts	GF	28.8	28.8
Bar		25.9	25.9
Cabana		2.0	2.0
Swimming Pool		25.5	25.5
Library	GF	18.6	18.6
Bar		16.1	16.1
Cabana		-6.1	-6.1
Swimming Pool		15.0	15.0
Residences - Hollywood and Cosmo	GF	34.9	34.9
Bar		28.9	28.9
Cabana		9.0	9.0
Swimming Pool		33.7	33.7
Residences, 6400 Hollywood Bl	GF	23.7	23.7
Bar		20.2	20.2
Cabana		0.3	0.3
Swimming Pool		21.0	21.0
Triangle Apartments	GF	24.0	24.0
Bar		19.5	19.5
Cabana		0.6	0.6
Swimming Pool		22.1	22.1






Signs and symbols

- Parapet
- Building
- Analyzed Sensitive Receptor
- Rooftop Recreation Areas

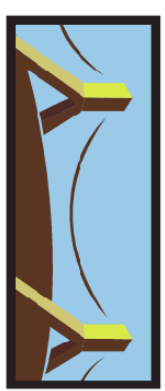
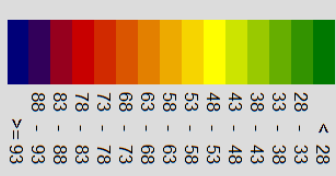




Signs and symbols

-  Parapet
-  Building
-  Rooftop Recreation Areas

Levels in dB(A)



Operations Noise Impacts (without Mitigation)



DOUGLASKIM+ASS

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences, Broadway Hollywood	67.5	21.6	67.5	0.0	No
Cosmo Lofts	58.8	28.8	58.8	0.0	No
Goldwyn-Hollywood Regional Branch Library	55.7	18.6	55.7	0.0	No
Cosmo St and Hollywood Bl	67.5	34.9	67.5	0.0	No
Residences, 6400 Hollywood Boulevard	67.5	23.7	67.5	0.0	No
Triangle Square Apartments	65.1	24.0	65.1	0.0	No



DOUGLASKIM+ASSOCIATES,LLC

CUMULATIVE CONSTRUCTION NOISE IMPACTS

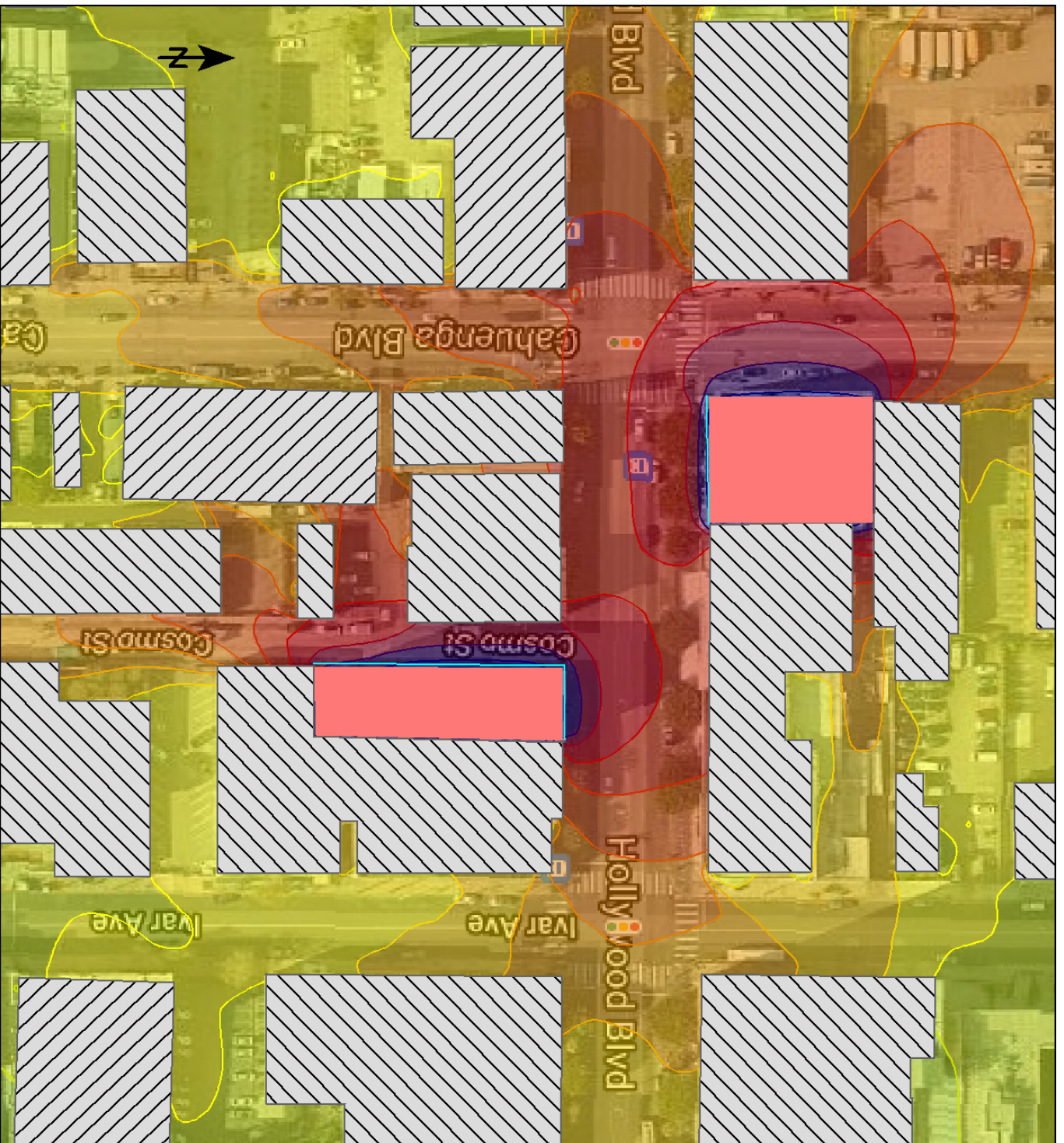
Noise emissions of industry sources

Source name	Size m/m ²	Reference	Level		Corrections		
			Day dB(A)	Night dB(A)	Cwall dB	CI dB	CT dB
Construction Site	807 m ²	Lw/unit	109.7	-	-	-	-
Construction Site (Related Project)	950 m ²	Lw/unit	109.7	-	-	-	-

Receiver list

No.	Receiver name	Coordinates		Building side	Floor	Height abv.grd. m	Limit		Level		Conflict	
		X	Y				Day	Night	Day	Night	Day	Night
		in meter				dB(A)		dB(A)		dB		
1	Broadway Hollywood	11377565.0	3774210.20	North	GF	117.78	-	-	42.6	0.0	-	-
2	Cosmo Lofts	11377419.4	3774117.38	East	GF	116.90	-	-	57.9	0.0	-	-
3	Library	11377476.1	3774113.39	East	GF	115.87	-	-	41.1	0.0	-	-
4	Residences - Hollywood and	11377421.1	3774204.97	East	GF	119.07	-	-	70.6	0.0	-	-
5	Residences, 6400 Hollywood	11377342.6	3774208.36	North	GF	119.54	-	-	47.7	0.0	-	-
6	Triangle Apartments	11377498.1	3774057.17	West	GF	115.98	-	-	39.4	0.0	-	-

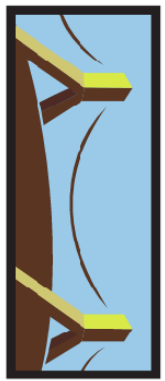
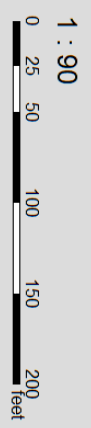
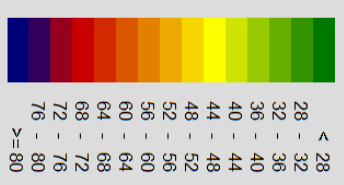
6366 Hollywood Boulevard



Signs and symbols

-  Wall
-  Building
-  Construction Site

Levels in dB(A)



DOUGLASS KIM + ASSOCIATES, LLC

Construction Noise Impacts (without Mitigation)



DOUGLASKIM+ASS

Reference	15.24	meter
Sound Pressure Level (Lp)	75.0	dBA
Sound Power Level (Lw)	109.6517979	dB

Receptor	Existing Leq	Noise	New Leq	Difference Leq	Significant?
Residences, Broadway Hollywood	67.5	42.6	67.5	0.0	No
Cosmo Lofts	58.8	57.9	61.4	2.6	No
Goldwyn-Hollywood Regional Branch Library	55.7	41.1	55.8	0.1	No
Cosmo St and Hollywood Bl	67.5	70.6	72.3	4.8	No
Residences, 6400 Hollywood Boulevard	67.5	47.7	67.5	0.0	No
Triangle Square Apartments	65.1	39.4	65.1	0.0	No

CONSTRUCTION VIBRATION ANALYSIS

Construction Vibration Impact Analysis

6366 Hollywood Boulevard Project

Page 1

Receptor: 1636 Cosmo Street
Equipment: Small Dozer-Type Equipment

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

Receptor: 6386 Hollywood Boulevard
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	35
Unmitigated Vibration Level (in/sec)	0.002

Receptor: 6356 Hollywood Boulevard
Equipment: Small Dozer-Type Equipment

Source PPV (in/sec)	0.003
Reference Distance (ft)	25
Ground Factor (N)	1
Distance (ft)	0
Unmitigated Vibration Level (in/sec)	#DIV/0!

Sources

California Department of Transportation (Caltrans), *Transportation and Construction Vibration Guidance Manual*, September 2013.

Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, May 2006