

## **Revised Appendix L**

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### Revised Noise and Vibration Calculation Worksheets

## **District NoHo Project**

# **Noise and Vibration Calculations Worksheets**

Provided by Acoustical Engineering Services

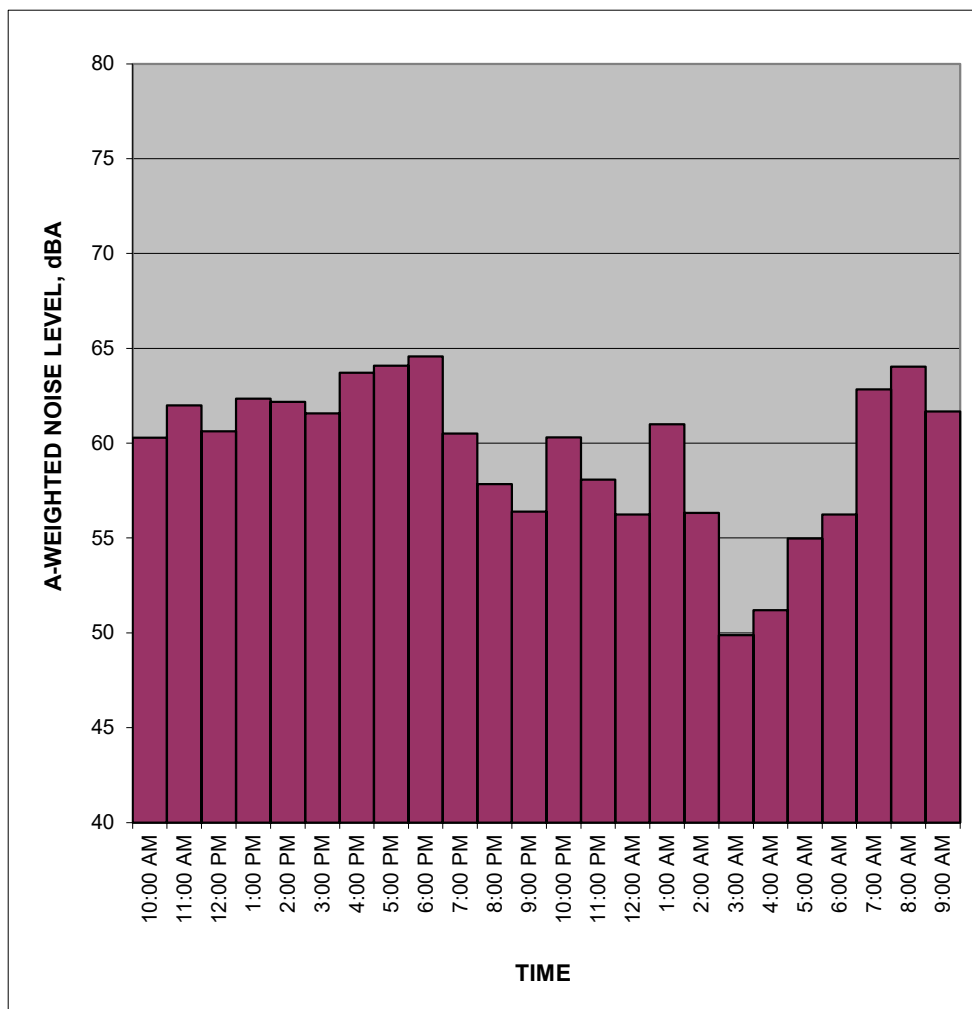
# Ambient Noise Measurements

# Measured Ambient Noise Levels

Project: District NoHo  
Location: R1  
Sources: Ambient

Date: 7/7 - 7/8/2020

TIME	HNL, dB(A)
10:00 AM	60.3
11:00 AM	62.0
12:00 PM	60.6
1:00 PM	62.3
2:00 PM	62.2
3:00 PM	61.6
4:00 PM	63.7
5:00 PM	64.1
6:00 PM	64.6
7:00 PM	60.5
8:00 PM	57.9
9:00 PM	56.4
10:00 PM	60.3
11:00 PM	58.1
12:00 AM	56.2
1:00 AM	61.0
2:00 AM	56.3
3:00 AM	49.9
4:00 AM	51.2
5:00 AM	55.0
6:00 AM	56.2
7:00 AM	62.8
8:00 AM	64.0
9:00 AM	61.7
<b>CNEL, dB(A):</b>	<b>65.1</b>



## NOTES:

Daytime Average Noise Levels: 62.1 dBA  
Nighttime Average Noise Levels: 57.3 dBA

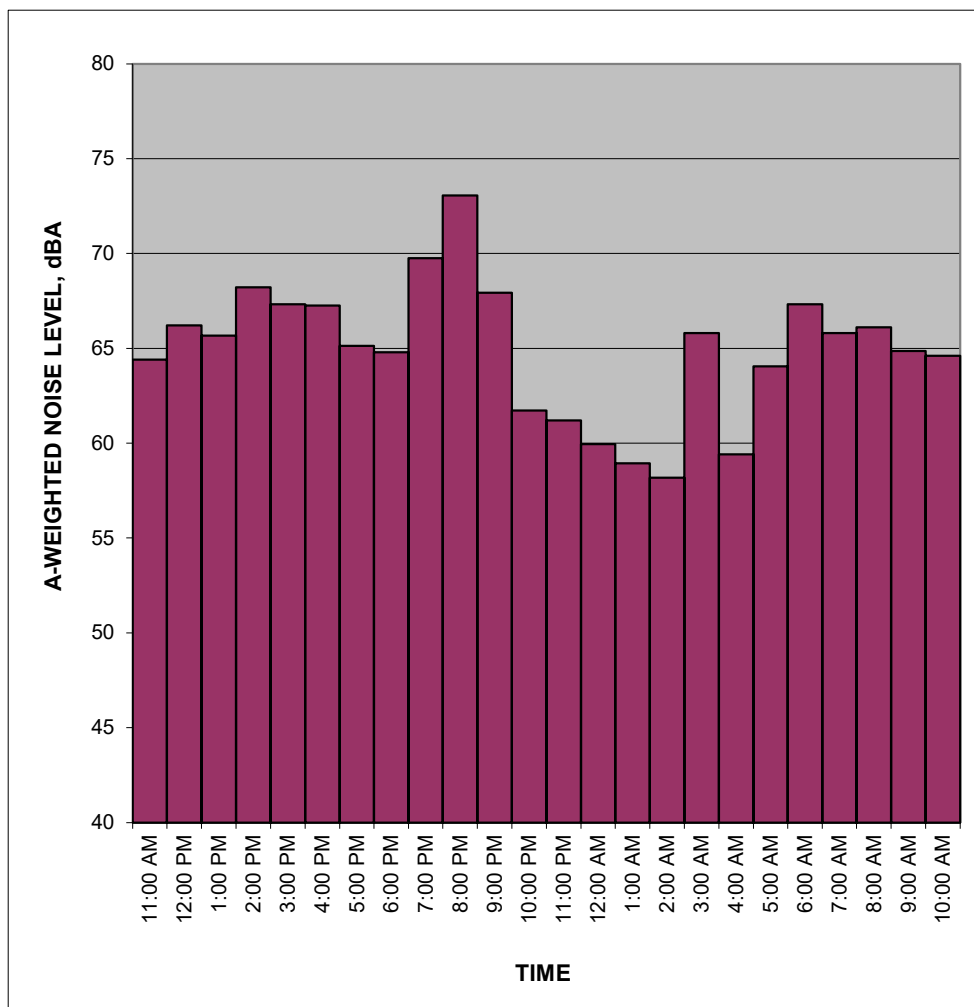


# Measured Ambient Noise Levels

Project: District NoHo  
Location: R7  
Sources: Ambient

Date: 7/8 - 7/9/2020

TIME	HNL, dB(A)
11:00 AM	64.4
12:00 PM	66.2
1:00 PM	65.7
2:00 PM	68.2
3:00 PM	67.3
4:00 PM	67.2
5:00 PM	65.1
6:00 PM	64.8
7:00 PM	69.7
8:00 PM	73.1
9:00 PM	67.9
10:00 PM	61.7
11:00 PM	61.2
12:00 AM	59.9
1:00 AM	58.9
2:00 AM	58.2
3:00 AM	65.8
4:00 AM	59.4
5:00 AM	64.1
6:00 AM	67.3
7:00 AM	65.8
8:00 AM	66.1
9:00 AM	64.9
10:00 AM	64.6
<b>CNEL, dB(A):</b>	<b>71.5</b>



## NOTES:

Daytime Average Noise Levels: 67.2 dBA  
Nighttime Average Noise Levels: 63.0 dBA

Location: R2  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
10:09:03 AM	No	52.8	55.5	54.9	51.8
10:09:13 AM	No	52.3	55.5	54.4	50.5
10:09:23 AM	No	50.4	50.7	50.6	50.1
10:09:33 AM	No	56.7	60.5	60	50.7
10:09:43 AM	No	54.1	58.6	56.5	52.3
10:09:53 AM	No	52.7	53.4	53.2	52.2
10:10:03 AM	No	52.4	57.8	55	49.6
10:10:13 AM	No	51.2	56.6	53.7	48.9
10:10:23 AM	No	58.9	61.8	61.1	56.9
10:10:33 AM	No	54.6	57.3	56.3	52.3
10:10:43 AM	No	52	54.6	53.8	50.5
10:10:53 AM	No	58.2	61.5	61	53.1
10:11:03 AM	No	60.2	63.2	62.5	56.1
10:11:13 AM	No	51.3	54.5	53.3	49.5
10:11:23 AM	No	50.6	51.8	51.6	48.9
10:11:33 AM	No	50.6	51.7	51.4	49.6
10:11:43 AM	No	51.4	52.3	52.1	50.1
10:11:53 AM	No	55.3	59.8	59.4	50.5
10:12:03 AM	No	55.2	58.8	57.3	53.6
10:12:13 AM	No	56.3	58.3	57.2	55
10:12:23 AM	No	53.6	56.6	55.5	51.7
10:12:33 AM	No	58.6	61	60.5	55.7
10:12:43 AM	No	55.9	59.4	58.8	53.9
10:12:53 AM	No	51.5	52.7	52.1	51.1
10:13:03 AM	No	53.5	56.4	55.8	51.9
10:13:13 AM	No	54.1	59.1	55.3	52.6
10:13:23 AM	No	54.1	59.1	56.5	51.9
10:13:33 AM	No	55	59.5	58.3	51.2
10:13:43 AM	No	60.1	63.2	62.7	55.7
10:13:53 AM	No	58.5	62.1	60.9	56.1
10:14:03 AM	No	61.6	62.9	62.7	60.4
10:14:13 AM	No	60.2	65.2	62.9	57.9
10:14:23 AM	No	59	60.5	60.2	58.3
10:14:33 AM	No	57	57.6	57.5	56.7
10:14:43 AM	No	57.7	58.6	58.2	57.1
10:14:53 AM	No	63	65.7	65.3	59.2
10:15:03 AM	No	60.2	61	60.7	59.6
10:15:13 AM	No	60.5	61.7	61.5	59.6
10:15:23 AM	No	61.5	62.1	62.1	60.8
10:15:33 AM	No	62.1	63.5	63.1	60.4
10:15:43 AM	No	62.8	63.9	63.6	62

10:15:53 AM No	63	68.9	66.6	59.3
10:16:03 AM No	64.7	66.5	66.2	63.3
10:16:13 AM No	65.9	67.3	67.1	62.9
10:16:23 AM No	71.2	73	72.7	68.8
10:16:33 AM No	64.8	70.5	70.1	58.1
10:16:43 AM No	57.2	59.1	58.5	56.1
10:16:53 AM No	67.5	70	69.7	60.8
10:17:03 AM No	66	67.8	67	64.5
10:17:13 AM No	67.3	68.6	68.4	64.2
10:17:23 AM No	66	67.5	67.2	64.2
10:17:33 AM No	66.7	68.2	67.8	64.3
10:17:43 AM No	67.5	68.7	68.5	66.1
10:17:53 AM No	65.9	67.7	67.3	64.4
10:18:03 AM No	64.7	67.4	66.6	60.6
10:18:13 AM No	67.2	69.9	69.3	63.8
10:18:23 AM No	64.9	65.9	65.3	64.3
10:18:33 AM No	63.2	64.3	64	62.2
10:18:43 AM No	63.1	64.2	64.1	62
10:18:53 AM No	59.8	62.6	62.1	57.2
10:19:03 AM No	55.6	57.8	57.3	53.5
10:19:13 AM No	56.5	60	59.4	53.5
10:19:23 AM No	61.2	62.2	61.8	60.5
10:19:33 AM No	61.3	62.3	62	60.7
10:19:43 AM No	58.7	61.6	61.4	53.2
10:19:53 AM No	60.1	61.9	61.8	53.4
10:20:03 AM No	59.9	62.3	62	57.3
10:20:13 AM No	60.1	62.6	61.3	58.8
10:20:23 AM No	60	62.3	61.9	56.8
10:20:33 AM No	65.6	73	70	61.3
10:20:43 AM No	61.3	62.5	62.1	60.5
10:20:53 AM No	59.2	60.1	59.8	58.8
10:21:03 AM No	58.9	59.5	59.2	58.4
10:21:13 AM No	59.3	60.4	60.1	58.8
10:21:23 AM No	56.5	59	57.9	55.1
10:21:33 AM No	59.1	60.8	60.6	56.9
10:21:43 AM No	58.2	60.5	59.8	57.1
10:21:53 AM No	60.9	62.3	62.1	59.1
10:22:03 AM No	58	60.9	60.4	55
10:22:13 AM No	58.3	60	59.7	57
10:22:23 AM No	58.5	61	60.4	56.6
10:22:33 AM No	56.7	58.2	57.7	55.9
10:22:43 AM No	66	70.9	69.7	55.5
10:22:53 AM No	59	65.6	62.8	56
10:23:03 AM No	57	60	59.3	55
10:23:13 AM No	59.8	60.9	60.7	58.4

10:23:23 AM No	56.3	57.9	57.3	54.8
10:23:33 AM No	57.7	58.7	58.4	57.3
10:23:43 AM No	57.7	60	59.6	55.3
10:23:53 AM No	57.4	58.5	58.1	56.8

**61.6**

Time	Overload	Leq	Lmax	L10	L90
10:29:00 PM No		52.3	55.3	52.8	51.3
10:29:10 PM No		51.8	54.9	53.7	50.7
10:29:20 PM No		54.3	59.4	59	51.1
10:29:30 PM No		57.6	59.4	59.1	55.9
10:29:40 PM No		55	57.3	56.4	53.1
10:29:50 PM No		52.6	54.6	53.2	51.5
10:30:00 PM No		59.3	63.4	62.4	51.3
10:30:10 PM No		54.1	59.6	56.9	50.4
10:30:20 PM No		50	50.6	50.3	49.7
10:30:30 PM No		51.8	54.4	53.8	50.4
10:30:40 PM No		56.4	62.3	59.3	52.2
10:30:50 PM No		58.1	60	59.5	55
10:31:00 PM No		52.8	54.3	53.4	52.4
10:31:10 PM No		52.2	52.9	52.6	51.8
10:31:20 PM No		52.4	53.7	52.9	51.9
10:31:30 PM No		51.7	53.3	53	50.5
10:31:40 PM No		53.2	57.2	54.8	50.7
10:31:50 PM No		50.5	52.8	52	49.5
10:32:00 PM No		54.4	59.5	57.1	51.1
10:32:10 PM No		60.1	64.3	63.1	54.4
10:32:20 PM No		51.9	53.9	53.2	50.7
10:32:30 PM No		51.1	52.4	52	50.4
10:32:40 PM No		53.2	55	54.7	50.8
10:32:50 PM No		52.1	53.2	53	51.1
10:33:00 PM No		51	52.6	52	49.4
10:33:10 PM No		48.5	49.3	49.1	48
10:33:20 PM No		47.8	48.4	48.2	47.6
10:33:30 PM No		47.9	48.7	48.3	47.6
10:33:40 PM No		48.1	49.1	48.8	47.5
10:33:50 PM No		47.7	49.3	48.7	47
10:34:00 PM No		49.2	51.1	50.6	48.2
10:34:10 PM No		49.6	50.8	50.5	48.2
10:34:20 PM No		49.2	50.6	50.1	47.8
10:34:30 PM No		51.2	55.3	53.5	48.1
10:34:40 PM No		52.2	54.8	54	48.2
10:34:50 PM No		47.2	48.1	47.6	46.8
10:35:00 PM No		47.4	49.1	48.2	46.7
10:35:10 PM No		50.8	52.2	51.9	49.2

10:35:20 PM No	49.9	51.5	50.9	49.2
10:35:30 PM No	50	51.9	51.5	48.9
10:35:40 PM No	50.2	52.2	51.8	48.9
10:35:50 PM No	51.7	53	52.6	50.9
10:36:00 PM No	50.9	52.1	51.5	50.6
10:36:10 PM No	62.8	67.1	65.9	52.7
10:36:20 PM No	54.2	61.4	58.3	49.7
10:36:30 PM No	58.4	62.3	61.6	53.7
10:36:40 PM No	50.9	53.3	52.7	49.9
10:36:50 PM No	49.9	50.7	50.3	49.6
10:37:00 PM No	52.7	54.6	54	50.5
10:37:10 PM No	54.5	55.8	55.3	53.7
10:37:20 PM No	58.7	61.1	60.7	55.4
10:37:30 PM No	70.6	74.5	74	62.9
10:37:40 PM No	63.1	64.2	63.8	61.6
10:37:50 PM No	64	65.3	64.9	63.4
10:38:00 PM No	62.2	64.1	63.8	59.6
10:38:10 PM No	56.7	59.3	58.9	52.4
10:38:20 PM No	50.2	52.6	51.9	49.1
10:38:30 PM No	48.8	49.5	49.2	48.5
10:38:40 PM No	50.3	51.5	51.1	49.5
10:38:50 PM No	50.9	52.4	51.4	50.4
10:39:00 PM No	60.2	63.3	62.8	54.4
10:39:10 PM No	51.6	56.5	54.8	48.6
10:39:20 PM No	49.1	49.9	49.4	48.7
10:39:30 PM No	51.8	53.8	53.6	49.9
10:39:40 PM No	50.2	51.3	50.8	49.7
10:39:50 PM No	57.5	59.8	59.5	53
10:40:00 PM No	55.7	59.2	57.9	53.4
10:40:10 PM No	53.2	55.7	54.4	51.8
10:40:20 PM No	61.7	65	64.5	55.3
10:40:30 PM No	49.9	53.4	51.9	48.7
10:40:40 PM No	49.5	50	49.7	49.1
10:40:50 PM No	49.3	49.8	49.6	49
10:41:00 PM No	48.6	49.3	49	48.3
10:41:10 PM No	48.7	49.7	49.2	48.3
10:41:20 PM No	52.2	56.3	55.2	49.5
10:41:30 PM No	53.5	56.7	56.2	48.9
10:41:40 PM No	48.6	50.4	49	48.2
10:41:50 PM No	49.2	50.7	50.1	48.7
10:42:00 PM No	61.3	71.2	66.8	49.1
10:42:10 PM No	49.1	50.1	49.5	48.7
10:42:20 PM No	50.4	51.9	51.4	49.4
10:42:30 PM No	51.6	55.9	54.2	49.9
10:42:40 PM No	52.6	55.9	55.1	49.9

10:42:50 PM No	50.7	53.1	52.8	48.6
10:43:00 PM No	52.3	53.9	53.5	51.3
10:43:10 PM No	49.6	51.3	51.1	48.4
10:43:20 PM No	48.1	48.9	48.4	47.8
10:43:30 PM No	47.6	48.6	48.3	47.2
10:43:40 PM No	47.7	49.6	48.6	47
10:43:50 PM No	48.4	49.7	49.3	47.2

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**56.4**

Location: R3  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
10:28:31 AM	No	73	75	74.5	71.7
10:28:41 AM	No	68.3	71.8	70.4	66.9
10:28:51 AM	No	65.5	68.5	67.3	63.7
10:29:01 AM	No	67.4	72.3	68.5	65.8
10:29:11 AM	No	75.1	77.6	76.6	73.4
10:29:21 AM	No	75	78.3	77.7	70.3
10:29:31 AM	No	64.2	68.3	67.8	59
10:29:41 AM	No	62	66	65.5	56.9
10:29:51 AM	No	60.3	62.7	62.5	56.9
10:30:01 AM	No	55.1	61.5	57.1	53.2
10:30:11 AM	No	67.8	71	70.3	63.7
10:30:21 AM	No	63.1	65.9	65	60.6
10:30:31 AM	No	63.7	65.7	65	62.1
10:30:41 AM	No	60.8	63.9	62.5	59
10:30:51 AM	No	61.8	66	65.2	55.5
10:31:01 AM	No	58.7	62.4	61.7	54.7
10:31:11 AM	No	58	60.6	60	55.3
10:31:21 AM	No	61.9	66.2	65.5	56.2
10:31:31 AM	No	62.9	65.9	65.6	59
10:31:41 AM	No	64.1	68.9	67.9	56.5
10:31:51 AM	No	51.5	54.8	53.4	50.5
10:32:01 AM	No	51.5	52.1	51.9	50.9
10:32:11 AM	No	51.4	52	51.8	50.9
10:32:21 AM	No	52.4	53.6	53	51.8
10:32:31 AM	No	57.6	64.8	63	51.9
10:32:41 AM	No	67.8	70.2	69.9	65.4
10:32:51 AM	No	65.4	69.8	69	60.4
10:33:01 AM	No	62.5	64	63.1	61.4
10:33:11 AM	No	61.1	65.3	63.9	58.7
10:33:21 AM	No	61.4	65.2	63	59.2
10:33:31 AM	No	61.3	62.9	62.3	60.5
10:33:41 AM	No	61.3	63.1	62.8	59.4
10:33:51 AM	No	60.9	63.3	62.6	59
10:34:01 AM	No	61	62.6	62.3	60.1
10:34:11 AM	No	57.7	59.9	59.2	56.9
10:34:21 AM	No	57.1	57.6	57.3	57
10:34:31 AM	No	58	61	59.8	57.2
10:34:41 AM	No	66.1	69.5	68.8	62
10:34:51 AM	No	65.9	69.8	68.5	62.3
10:35:01 AM	No	56.4	60.9	59.3	52.8
10:35:11 AM	No	53.5	57.8	57	51.9

10:35:21 AM No	59.1	63.1	61.4	56.5
10:35:31 AM No	53.7	56.6	55.3	52.1
10:35:41 AM No	58.9	63.3	62.4	51.7
10:35:51 AM No	63	66.5	65.5	57.9
10:36:01 AM No	53.9	57.1	55.6	52.4
10:36:11 AM No	52.5	53.5	53	51.7
10:36:21 AM No	52.4	53.3	53.1	51.7
10:36:31 AM No	60.6	65	64.1	56
10:36:41 AM No	58.1	64.3	62.5	52.9
10:36:51 AM No	60.2	64.8	63.9	53.6
10:37:01 AM No	54.4	56	55.8	53.2
10:37:11 AM No	59.7	65.6	61.4	55.3
10:37:21 AM No	70.5	74.1	72.8	66.6
10:37:31 AM No	67.9	72.1	70.8	59.4
10:37:41 AM No	65.1	69.4	68.5	60.5
10:37:51 AM No	55.8	61.6	59.9	52.4
10:38:01 AM No	65.6	69.3	68.3	53.7
10:38:11 AM No	62	65.9	64.2	58.4
10:38:21 AM No	64.5	67.4	66.8	61.7
10:38:31 AM No	57.4	61.2	59.5	54.7
10:38:41 AM No	61.7	65.2	64.7	55.3
10:38:51 AM No	68.1	74.7	72.8	57.1
10:39:01 AM No	60.2	65.6	63.6	56.7
10:39:11 AM No	66.9	69.3	68.9	61.7
10:39:21 AM No	66.1	70.7	69.6	61
10:39:31 AM No	63.9	68.3	67.6	57.5
10:39:41 AM No	64	67.3	66.4	58.8
10:39:51 AM No	59.7	65.8	63.6	55.1
10:40:01 AM No	53.9	54.6	54.4	53.3
10:40:11 AM No	54.6	56.1	55.6	53.6
10:40:21 AM No	57	60.6	58.7	54.3
10:40:31 AM No	61.1	64.1	62.9	58.9
10:40:41 AM No	61.4	65.5	63.9	58.3
10:40:51 AM No	69	70.8	70.3	65.4
10:41:01 AM No	67.2	72.4	70.1	64.9
10:41:11 AM No	65.1	66.2	65.9	64.2
10:41:21 AM No	61	65.9	63.7	58.8
10:41:31 AM No	63.4	67.5	66	59
10:41:41 AM No	61.5	67.4	66.2	57.5
10:41:51 AM No	61	63.4	62.9	58.6
10:42:01 AM No	63.7	67.4	67.1	60.4
10:42:11 AM No	66.2	69.7	68.9	60.7
10:42:21 AM No	59.9	61.7	61.2	58.8
10:42:31 AM No	60	61.9	61.6	58.9
10:42:41 AM No	60.6	63	62.7	57.1



10:42:51 AM No	59	61.6	60.6	57.1
10:43:01 AM No	57.7	60.7	58.8	56.7
10:43:11 AM No	57.1	59.2	57.9	56.5
10:43:21 AM No	57.3	58.1	57.9	56.7

**64.6**

Time	Overload	Leq	Lmax	L10	L90
10:46:46 PM No		58.6	63.5	62.1	52.8
10:46:56 PM No		51	53.2	52.3	49.9
10:47:06 PM No		58.2	62.8	61.9	50.5
10:47:16 PM No		51.8	56.5	54.2	49.5
10:47:26 PM No		54.7	59.9	57.9	50
10:47:36 PM No		53.3	57.8	54.8	52
10:47:46 PM No		55	58.6	58.1	51.2
10:47:56 PM No		52.6	55	54.5	49.6
10:48:06 PM No		49.1	50.9	49.7	48.4
10:48:16 PM No		50.1	52	51.2	48.9
10:48:26 PM No		56.4	62.1	60.8	49.9
10:48:36 PM No		58	62.5	62.1	52.7
10:48:46 PM No		62.7	65.8	65.3	56.6
10:48:56 PM No		59.3	61.2	60.9	57.1
10:49:06 PM No		51.9	56.8	54.8	49.3
10:49:16 PM No		51.8	59.2	54.3	48.9
10:49:26 PM No		61.8	65.1	64.4	59.1
10:49:36 PM No		57	60.9	60.4	53.6
10:49:46 PM No		51.2	53.8	53.1	48.8
10:49:56 PM No		48.6	49.3	49	48.3
10:50:06 PM No		49.6	50.5	50.1	48.9
10:50:16 PM No		49.8	50.6	50.3	49.3
10:50:26 PM No		49.3	50.1	49.9	48.9
10:50:36 PM No		48.8	49.4	49.2	48.4
10:50:46 PM No		49.8	51.1	50.9	48.7
10:50:56 PM No		49.2	49.9	49.7	48.9
10:51:06 PM No		49.1	49.7	49.5	48.8
10:51:16 PM No		49.6	51.1	50.5	48.9
10:51:26 PM No		50.2	51.3	51	49.5
10:51:36 PM No		55.8	63.9	59.8	51.5
10:51:46 PM No		61.6	66.1	65.2	50.7
10:51:56 PM No		49.7	52.2	51.6	48.7
10:52:06 PM No		50.2	51.9	51.7	48.9
10:52:16 PM No		64.3	72.5	68.9	54.4
10:52:26 PM No		68.8	72.7	72.2	64.3
10:52:36 PM No		63	65.4	64.8	57.1
10:52:46 PM No		50.4	54.6	53.4	48.6
10:52:56 PM No		50.7	52.6	51.9	49.6

10:53:06 PM No	55.5	58.2	57.3	53.6
10:53:16 PM No	57.6	65.6	63	52.1
10:53:26 PM No	59.7	65.6	64.5	50.7
10:53:36 PM No	52.5	60.1	52.6	51.2
10:53:46 PM No	53.4	58.9	55.7	51.9
10:53:56 PM No	53.3	53.9	53.7	53
10:54:06 PM No	55.1	61.7	59.1	52.4
10:54:16 PM No	55.7	58.4	57	54
10:54:26 PM No	54.6	56	55.8	52.6
10:54:36 PM No	52	52.6	52.4	51.7
10:54:46 PM No	51.5	52.4	51.9	51.3
10:54:56 PM No	52.8	53.8	53.3	52
10:55:06 PM No	56.7	62.1	61.4	51.9
10:55:16 PM No	56.2	62.1	59.8	52.3
10:55:26 PM No	51.7	52.4	52.2	51.2
10:55:36 PM No	50.8	51.4	51	50.5
10:55:46 PM No	50.7	51.2	51	50.5
10:55:56 PM No	51.7	54.8	52.6	51
10:56:06 PM No	51.1	51.7	51.5	50.9
10:56:16 PM No	58.8	67.3	64.5	51.7
10:56:26 PM No	64.8	68.8	68.5	56
10:56:36 PM No	59.1	63	62.3	53.9
10:56:46 PM No	54.1	57.8	55.8	53
10:56:56 PM No	67.3	76.2	73.8	53.1
10:57:06 PM No	59.6	68.4	64.1	54.6
10:57:16 PM No	59.1	61.6	61.3	55.5
10:57:26 PM No	53.8	57.2	56.1	51.7
10:57:36 PM No	55.7	61.1	59.4	51.4
10:57:46 PM No	55.8	57	56.8	54.9
10:57:56 PM No	53.3	55.3	54.7	52.3
10:58:06 PM No	52.4	52.9	52.8	52
10:58:16 PM No	52.8	53.5	53.2	52.4
10:58:26 PM No	62.4	67.7	66.7	53.9
10:58:36 PM No	58.4	62.4	61.7	53.7
10:58:46 PM No	51.7	53.2	52.3	51.3
10:58:56 PM No	51.6	52.2	51.9	51.4
10:59:06 PM No	52.5	53.1	52.9	52
10:59:16 PM No	52.7	54.7	53.2	52.3
10:59:26 PM No	61.2	65.7	64.7	54.7
10:59:36 PM No	54.4	56.1	55.8	52.9
10:59:46 PM No	54.4	55.8	55.4	53.2
10:59:56 PM No	54.7	56.3	56	53.1
11:00:06 PM No	52.2	53.3	53	51.7
11:00:16 PM No	52.1	53	52.8	51.7
11:00:26 PM No	51.9	52.3	52.1	51.7

11:00:36 PM No	52.5	53.8	53.4	51.8
11:00:46 PM No	52.9	54.1	53.8	52.1
11:00:56 PM No	52.9	54.1	53.3	52.4
11:01:06 PM No	59	70.5	52.4	50.9
11:01:16 PM No	60.2	67.2	64.5	53.6
11:01:26 PM No	63.3	68.8	67.8	53.1
11:01:36 PM No	53.5	54.4	54.2	52.8

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**57.8**

Location: R4  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
10:54:23 AM	No	66.5	70.3	68.6	64.7
10:54:33 AM	No	63.8	66.6	66.1	56.1
10:54:43 AM	No	58.2	64	62.8	54.6
10:54:53 AM	No	54.5	57.7	56.1	53.6
10:55:03 AM	No	59.2	61.9	61.6	55.9
10:55:13 AM	No	56.9	59.6	59.3	53
10:55:23 AM	No	59	66.5	64	52.9
10:55:33 AM	No	53.2	54.7	54	52.5
10:55:43 AM	No	55.4	57	56.1	54.5
10:55:53 AM	No	56	59.5	57.8	54.2
10:56:03 AM	No	53.5	56.1	55.1	52.4
10:56:13 AM	No	55.3	64.3	57.3	51.2
10:56:23 AM	No	55.8	63.2	59.4	52.7
10:56:33 AM	No	54	57.9	55.7	52.1
10:56:43 AM	No	53.6	55.9	54.8	52.1
10:56:53 AM	No	53.3	54.4	54.1	52.6
10:57:03 AM	No	57.2	62.1	61.2	53.7
10:57:13 AM	No	65.3	68.5	68.1	61.4
10:57:23 AM	No	66.5	69.3	67.8	64.9
10:57:33 AM	No	64.8	66.9	66.4	63.3
10:57:43 AM	No	64.3	66.1	65.4	63.3
10:57:53 AM	No	63.4	64.6	64.1	61.5
10:58:03 AM	No	66.1	71.6	70.1	60.7
10:58:13 AM	No	71.2	74.8	74.3	62.9
10:58:23 AM	No	57.6	61.6	59.8	55.8
10:58:33 AM	No	54.6	56.7	55.7	53.6
10:58:43 AM	No	52.9	54.2	53.7	52.2
10:58:53 AM	No	54.5	56.8	56	53.4
10:59:03 AM	No	58.8	61	60.4	56.3
10:59:13 AM	No	56.8	60	58.4	53.7
10:59:23 AM	No	55.9	59.6	58.4	51.7
10:59:33 AM	No	59.8	64.2	63.4	53.4
10:59:43 AM	No	52.7	57.1	55.3	49.7
10:59:53 AM	No	55.9	61.4	60.6	50.9
11:00:03 AM	No	52	57.6	55.1	49.1
11:00:13 AM	No	51.6	55.3	53.6	49.5
11:00:23 AM	No	49.8	51.9	50.8	49
11:00:33 AM	No	51.8	55.9	53.6	50.1
11:00:43 AM	No	50.9	52.7	51.9	49.8
11:00:53 AM	No	52.9	56.2	54.9	50.8
11:01:03 AM	No	51.2	54.2	53.2	48.5

11:01:13 AM No	51.9	58.3	55.3	48.9
11:01:23 AM No	51.5	57	53.7	48.3
11:01:33 AM No	52.4	57.3	55.7	47.2
11:01:43 AM No	51.3	56	53.9	48.9
11:01:53 AM No	49.5	54.7	52.4	47.4
11:02:03 AM No	51.6	54	52.9	50.3
11:02:13 AM No	53.8	58	56.3	51.8
11:02:23 AM No	52.7	56.3	54.6	49.7
11:02:33 AM No	57.1	59.8	58.4	55.9
11:02:43 AM No	56.6	59	57.9	54.1
11:02:53 AM No	52.6	56.8	55.4	50.7
11:03:03 AM No	51.2	53.6	52.2	50.1
11:03:13 AM No	54.8	60	57.8	49.9
11:03:23 AM No	48.2	51.6	50	47.1
11:03:33 AM No	49.7	52.6	51.9	47.2
11:03:43 AM No	48.1	50	48.9	47.5
11:03:53 AM No	52.2	56.8	55.1	47.3
11:04:03 AM No	53.8	59.6	58.2	50.1
11:04:13 AM No	54.8	60.8	58	50.7
11:04:23 AM No	54.5	58	56.5	51.4
11:04:33 AM No	55.8	62	59.1	51.3
11:04:43 AM No	52.6	56.5	54.5	50.5
11:04:53 AM No	53	55.5	54.9	51.1
11:05:03 AM No	52.4	55	54.5	50.2
11:05:13 AM No	51.1	52.5	52.3	48.6
11:05:23 AM No	51.9	55.2	54.5	48.2
11:05:33 AM No	51.7	53.3	52.9	50.5
11:05:43 AM No	53.3	60	54.4	51.6
11:05:53 AM No	54.2	59.7	57.5	51
11:06:03 AM No	52.8	55.4	54.5	51.5
11:06:13 AM No	48.9	51.5	49.9	47.9
11:06:23 AM No	50.6	55.5	53.7	47.9
11:06:33 AM No	48.2	49.4	49.2	47.5
11:06:43 AM No	55	57.9	57.2	49.7
11:06:53 AM No	50.9	53.6	52.2	50.1
11:07:03 AM No	50.6	51.7	51.5	50
11:07:13 AM No	50	50.4	50.2	49.7
11:07:23 AM No	51.1	54.2	52.4	50.1
11:07:33 AM No	52	55	53.8	50.8
11:07:43 AM No	50.1	52.1	50.8	49.2
11:07:53 AM No	52.2	57.1	54.7	49.3
11:08:03 AM No	63.2	70.3	66.6	57
11:08:13 AM No	72.8	76.8	75.5	68.8
11:08:23 AM No	71.8	76.6	75.8	62.3
11:08:33 AM No	59	61.8	61.2	56.9

11:08:43 AM	No	56.4	60.4	59.5	54.9
11:08:53 AM	No	57.8	61.7	59.7	55.3
11:09:03 AM	No	55.1	56.5	56.1	54.3
11:09:13 AM	No	53.2	54.1	53.5	52.8

**60.4**

Time	Overload	Leq	Lmax	L10	L90
11:04:42 PM	No	57.6	67.2	62.8	48.4
11:04:52 PM	No	47	48.1	47.8	46.4
11:05:02 PM	No	46.8	47.7	47.3	46.4
11:05:12 PM	No	46.3	46.9	46.7	45.9
11:05:22 PM	No	47.1	49.6	49.2	46.1
11:05:32 PM	No	49.4	51	50.2	48.8
11:05:42 PM	No	51.4	52.2	51.9	50.8
11:05:52 PM	No	51.4	52.2	52.1	50.6
11:06:02 PM	No	49.5	51.8	51.5	47.1
11:06:12 PM	No	47.2	47.9	47.5	46.9
11:06:22 PM	No	47.5	48.1	47.8	47.3
11:06:32 PM	No	47.1	48.1	47.8	46.5
11:06:42 PM	No	46.9	48.3	47.9	45.9
11:06:52 PM	No	49.8	51.9	51.6	47.7
11:07:02 PM	No	50.8	52	51.7	49.7
11:07:12 PM	No	50.1	51.2	50.8	49.6
11:07:22 PM	No	48.7	49.9	49.6	47.6
11:07:32 PM	No	46.8	47.7	47.2	46.5
11:07:42 PM	No	48	48.9	48.6	47.3
11:07:52 PM	No	46.2	47.2	46.5	45.8
11:08:02 PM	No	46.4	47.3	46.9	45.9
11:08:12 PM	No	47	47.7	47.3	46.8
11:08:22 PM	No	47.3	48.1	47.7	47
11:08:32 PM	No	48.3	49.5	49.1	47.5
11:08:42 PM	No	50.2	52.1	51.2	49.2
11:08:52 PM	No	53.1	55.3	54.7	50.6
11:09:02 PM	No	47.3	49.7	48.7	46.7
11:09:12 PM	No	47.4	49.6	49	46.8
11:09:22 PM	No	49.6	52.9	51.2	48.4
11:09:32 PM	No	48.4	48.8	48.6	48.1
11:09:42 PM	No	47.9	48.3	48.1	47.7
11:09:52 PM	No	48.4	49.5	49.2	47.7
11:10:02 PM	No	47.4	48.5	47.9	47.1
11:10:12 PM	No	46.9	47.6	47.3	46.6
11:10:22 PM	No	47.2	48.4	47.5	46.9
11:10:32 PM	No	48.3	48.9	48.5	48.1
11:10:42 PM	No	51.8	54.3	53.9	49.3
11:10:52 PM	No	48.5	50	49.6	47.7

11:11:02 PM No	47.8	48.6	48.3	47.3
11:11:12 PM No	47.9	48.8	48.4	47.3
11:11:22 PM No	47.6	49	48.3	47.2
11:11:32 PM No	49	49.3	49.2	48.7
11:11:42 PM No	50.6	51.7	51.5	49.2
11:11:52 PM No	50.9	51.6	51.5	50.4
11:12:02 PM No	49.9	51.2	50.7	49.1
11:12:12 PM No	49.5	49.9	49.7	49.2
11:12:22 PM No	48.3	49.3	49	47.7
11:12:32 PM No	48.1	49.7	49	47.7
11:12:42 PM No	49.1	49.6	49.4	48.8
11:12:52 PM No	51.8	55	54.1	49.8
11:13:02 PM No	51.9	55	54.2	49.9
11:13:12 PM No	53.4	55.3	54.7	50.7
11:13:22 PM No	59.2	61.9	60.5	57.5
11:13:32 PM No	58.7	61.6	61.1	55.5
11:13:42 PM No	53.5	56.3	55.8	51.9
11:13:52 PM No	52.2	55.3	53.3	50.6
11:14:02 PM No	50.7	51.5	51.2	50.4
11:14:12 PM No	51.3	53.1	52.6	50.2
11:14:22 PM No	52.4	54.1	53.5	51.3
11:14:32 PM No	52.3	53.9	53.5	51.4
11:14:42 PM No	52	54.1	53.5	50.8
11:14:52 PM No	48.4	50.3	49.5	47.6
11:15:02 PM No	49.6	52.4	51.4	47.3
11:15:12 PM No	50.1	52.9	51.9	48.4
11:15:22 PM No	48.2	49	48.6	47.9
11:15:32 PM No	47.6	48.3	48	47.3
11:15:42 PM No	47.1	47.8	47.5	46.8
11:15:52 PM No	47.8	48.4	48.1	47.5
11:16:02 PM No	48.1	48.8	48.6	47.7
11:16:12 PM No	49.7	51.1	50.7	48.7
11:16:22 PM No	49.3	50.7	50.4	48.1
11:16:32 PM No	47.3	48.2	47.9	46.9
11:16:42 PM No	47.1	48	47.8	46.7
11:16:52 PM No	47.9	48.4	48.2	47.7
11:17:02 PM No	47.2	48.1	47.8	46.5
11:17:12 PM No	46.8	47.8	47.3	46.4
11:17:22 PM No	46.9	47.8	47.5	46.5
11:17:32 PM No	48.2	48.7	48.5	47.7
11:17:42 PM No	48.2	48.8	48.6	47.7
11:17:52 PM No	49.3	50.5	50.2	48.4
11:18:02 PM No	47.4	48.4	47.7	47.1
11:18:12 PM No	48.7	49.3	49.2	47.9
11:18:22 PM No	48.8	50.3	49.7	48.2

11:18:32 PM No	48	49.1	48.8	47.5
11:18:42 PM No	48.4	50.1	49.4	47.5
11:18:52 PM No	48	49.1	48.8	47.2
11:19:02 PM No	49.8	50.8	50.6	48.6
11:19:12 PM No	48.5	50	49.6	47.7
11:19:22 PM No	48.6	49.8	49.4	47.8
11:19:32 PM No	47.2	47.7	47.6	46.9

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**50.2**



Location: R5  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
11:38:10 AM	No	68.6	70	69.5	67.6
11:38:20 AM	No	67.2	68.1	67.9	66.6
11:38:30 AM	No	67.4	68.5	68.1	66.7
11:38:40 AM	No	69.4	71.2	70.6	68.4
11:38:50 AM	No	69.6	70.7	70.5	68.9
11:39:00 AM	No	69	72	70.2	68.2
11:39:10 AM	No	67.8	68.7	68.2	67.5
11:39:20 AM	No	67.5	68	67.9	67.2
11:39:30 AM	No	67.7	68.2	68.1	67.3
11:39:40 AM	No	68.1	69.9	69.1	67.6
11:39:50 AM	No	69.1	69.9	69.8	68.5
11:40:00 AM	No	68.1	69.9	69.7	66.8
11:40:10 AM	No	67.7	68.3	68.1	67.1
11:40:20 AM	No	69.1	69.8	69.6	68.9
11:40:30 AM	No	68.3	69.7	69.1	67.9
11:40:40 AM	No	67.8	68.3	68.1	67.5
11:40:50 AM	No	68.2	68.9	68.6	67.5
11:41:00 AM	No	67.6	68.5	68.1	66.9
11:41:10 AM	No	67.2	68.3	67.9	66.6
11:41:20 AM	No	67.9	68.9	68.6	67.4
11:41:30 AM	No	67.5	68.7	68.5	66.6
11:41:40 AM	No	69.2	71.3	70.4	68.1
11:41:50 AM	No	68.7	69.4	69.2	68.1
11:42:00 AM	No	68.3	69.5	69.1	67.4
11:42:10 AM	No	68.4	70	69.3	67.5
11:42:20 AM	No	68.7	69.8	69.3	68.1
11:42:30 AM	No	69.1	72.4	70.5	67.9
11:42:40 AM	No	69.7	72.2	70.5	69
11:42:50 AM	No	74.2	78.5	77.6	70.8
11:43:00 AM	No	69.6	71.2	70.9	68.7
11:43:10 AM	No	69.4	71.2	70.7	68.1
11:43:20 AM	No	69.1	72.2	70.2	67.9
11:43:30 AM	No	68.8	69.7	69.5	67.7
11:43:40 AM	No	68.4	69.8	69.2	67.7
11:43:50 AM	No	69.5	72.6	72.1	67.4
11:44:00 AM	No	69.4	71.9	70.5	68.6
11:44:10 AM	No	68.6	69.3	69.2	68.1
11:44:20 AM	No	68.2	69.3	68.9	67.6
11:44:30 AM	No	68.2	69.9	69.3	67.6
11:44:40 AM	No	68.8	71.4	70.6	67.8
11:44:50 AM	No	68.3	69.8	68.8	67.6

11:45:00 AM No	67.9	68.6	68.3	67.4
11:45:10 AM No	68.1	68.8	68.5	67.4
11:45:20 AM No	68.7	69.1	68.9	68.5
11:45:30 AM No	68.1	68.6	68.3	67.8
11:45:40 AM No	68.6	69.2	69	68
11:45:50 AM No	70.5	74	73	69.1
11:46:00 AM No	75.4	82.5	80.6	69.8
11:46:10 AM No	76.1	82.6	81.5	67.6
11:46:20 AM No	67.7	68.5	68.3	67
11:46:30 AM No	68.6	70.8	70	67
11:46:40 AM No	70.3	72.8	72.5	68.5
11:46:50 AM No	69.4	70.7	70.2	68.3
11:47:00 AM No	68.4	70.1	69.6	67.3
11:47:10 AM No	71.8	78.2	75	67.2
11:47:20 AM No	72.9	78.6	78	64.8
11:47:30 AM No	65.3	70.1	69.6	60.7
11:47:40 AM No	57.4	62.1	61.4	53
11:47:50 AM No	62.2	67.6	66.8	57.1
11:48:00 AM No	63	66.8	64.5	60.4
11:48:10 AM No	58.1	61.7	59.8	56.7
11:48:20 AM No	60	63.6	63.1	56.8
11:48:30 AM No	66.1	69	68.6	61.8
11:48:40 AM No	65.9	69.1	67.9	63.6
11:48:50 AM No	64.1	66.7	66.2	61.2
11:49:00 AM No	64.7	66.2	65.8	62.9
11:49:10 AM No	64.5	68.5	68.2	59.9
11:49:20 AM No	58.5	61.2	60.9	55.8
11:49:30 AM No	60.7	65.6	65.1	55.3
11:49:40 AM No	64.4	66.6	66.4	58.3
11:49:50 AM No	65.5	66.9	66.3	65
11:50:00 AM No	66	68.1	67.4	64.3
11:50:10 AM No	64.9	65.8	65.5	64.3
11:50:20 AM No	62.4	64.5	63.9	58.9
11:50:30 AM No	60.5	64.7	64.1	55.8
11:50:40 AM No	65	69.6	68.9	58.6
11:50:50 AM No	67.7	71.8	70.8	64.7
11:51:00 AM No	68.4	70.1	69.7	66.2
11:51:10 AM No	63.2	69.1	68.1	57
11:51:20 AM No	57.4	61.7	61.5	52.8
11:51:30 AM No	54	59	56.9	51.7
11:51:40 AM No	57.6	61.1	59.8	52.4
11:51:50 AM No	60.9	62.8	62.4	59
11:52:00 AM No	64.7	69.7	66.3	61.5
11:52:10 AM No	71.6	74.5	74.2	67
11:52:20 AM No	69.8	72.4	71.8	67.6

11:52:30 AM	No	64.2	70.5	68.6	55.6
11:52:40 AM	No	64.9	69.9	69.4	55.7
11:52:50 AM	No	62.3	65.5	65.2	58.8
11:53:00 AM	No	63	66.2	65.7	58.8

**68.3**

Time	Overload	Leq	Lmax	L10	L90
11:47:28 PM	No	58.9	66	62.8	55.3
11:47:38 PM	No	65.2	69.5	69	58.1
11:47:48 PM	No	69.7	74.5	73.8	59.4
11:47:58 PM	No	66.4	70.5	68.9	62.3
11:48:08 PM	No	67.1	71.2	70.6	58.1
11:48:18 PM	No	53.9	56.1	54.9	53.5
11:48:28 PM	No	53.6	55.7	54.3	53.2
11:48:38 PM	No	52.9	53.8	53.2	52.6
11:48:48 PM	No	53.9	55	54.3	53.4
11:48:58 PM	No	64.1	69.2	68.4	55.7
11:49:08 PM	No	56.4	60.4	58.4	55.1
11:49:18 PM	No	62.4	63.7	63.5	61.2
11:49:28 PM	No	64.3	69.5	67.5	62
11:49:38 PM	No	69.3	73.5	72.9	62.6
11:49:48 PM	No	59.6	63.3	62.8	55.2
11:49:58 PM	No	53.5	54.8	54.2	53.1
11:50:08 PM	No	53	54.5	53.2	52.7
11:50:18 PM	No	53.9	54.7	54.4	53.4
11:50:28 PM	No	55.6	61.3	57.8	53.6
11:50:38 PM	No	67.2	71.1	70.5	62.3
11:50:48 PM	No	62.3	64.3	63.9	58.9
11:50:58 PM	No	55.2	57.6	56.6	54
11:51:08 PM	No	55.3	60.7	57.9	53.7
11:51:18 PM	No	62.4	66.4	65.9	55.6
11:51:28 PM	No	55.2	56.2	55.7	54.6
11:51:38 PM	No	61.1	66.6	66	55.5
11:51:48 PM	No	68	72.4	71.6	62.6
11:51:58 PM	No	67.9	72.2	71.6	62.9
11:52:08 PM	No	70.3	72.9	72.5	67.8
11:52:18 PM	No	63.4	68.3	66.7	58.3
11:52:28 PM	No	65.4	70.5	69.9	55.6
11:52:38 PM	No	62.7	70.4	67.6	55.1
11:52:48 PM	No	69.8	72.9	72.2	67.3
11:52:58 PM	No	60.3	66.3	64.4	56.6
11:53:08 PM	No	65.1	70.2	69.5	56
11:53:18 PM	No	54.8	55.7	55.3	54.4
11:53:28 PM	No	55.3	56.3	55.9	54.4
11:53:38 PM	No	61.7	66	65.3	54.1

11:53:48 PM No	54.9	60.2	57.9	52.8
11:53:58 PM No	53	54.1	53.5	52.6
11:54:08 PM No	53.2	53.6	53.4	52.8
11:54:18 PM No	60.4	63.9	63.3	53.4
11:54:28 PM No	60.9	64.4	64.1	57.6
11:54:38 PM No	60.5	64.7	64	55.7
11:54:48 PM No	53.4	55.1	54.6	52.8
11:54:58 PM No	60.3	68.4	65.3	53.4
11:55:08 PM No	66.8	71.2	70.8	56
11:55:18 PM No	59	68	63.2	55.4
11:55:28 PM No	66.6	71.2	70.1	60.1
11:55:38 PM No	70.1	73.6	72.8	63.2
11:55:48 PM No	69.1	74.5	73.8	58.9
11:55:58 PM No	56.9	63.1	60.7	53.5
11:56:08 PM No	53.1	53.5	53.4	52.6
11:56:18 PM No	54	56.5	55.2	52.6
11:56:28 PM No	64	69.2	68.2	57.3
11:56:38 PM No	65.5	69.8	68.9	56.8
11:56:48 PM No	55.5	61	58.3	53.4
11:56:58 PM No	68.4	73.3	72.4	55.3
11:57:08 PM No	57	64.4	60.8	53.7
11:57:18 PM No	66	70.5	69.9	55.4
11:57:28 PM No	65.4	69.7	68.6	61
11:57:38 PM No	60.4	65.7	63.7	54.9
11:57:48 PM No	54.1	55.5	54.8	53.7
11:57:58 PM No	63.8	66.7	66.2	56.3
11:58:08 PM No	70.1	74.4	73.6	64.1
11:58:18 PM No	62.4	65	64.4	59.1
11:58:28 PM No	64.1	66.9	66.4	61.4
11:58:38 PM No	56	59.7	58	54.1
11:58:48 PM No	61.7	66.8	66.1	54.6
11:58:58 PM No	54.9	59.7	57.5	53.1
11:59:08 PM No	54.6	55.9	55.2	54.1
11:59:18 PM No	54.4	55	54.7	54.2
11:59:28 PM No	55.8	60.5	57.7	54.3
11:59:38 PM No	67.9	70.6	70.1	62.3
11:59:48 PM No	56.6	60.4	58	54.9
11:59:58 PM No	55.8	61.5	58	54.2
12:00:08 AM No	62.6	66.4	65.6	56.5
12:00:18 AM No	57.6	59.5	59.3	54.9
12:00:28 AM No	54.7	55.3	55	54.5
12:00:38 AM No	55.6	56.4	56.1	55.2
12:00:48 AM No	54.7	56.3	56	54
12:00:58 AM No	60.5	64.6	63.7	56.4
12:01:08 AM No	60.6	62.8	62.2	58.4

12:01:18 AM No	62	66.7	65.8	54.9
12:01:28 AM No	59.9	63.7	62.9	54.8
12:01:38 AM No	55.6	59.8	57.5	54.6
12:01:48 AM No	59	61.1	60.8	55.3
12:01:58 AM No	64.4	69.3	69.1	58.1
12:02:08 AM No	68.8	72.3	71.6	64.5
12:02:18 AM No	62.7	69.7	67.4	55.3

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**63.6**

Location: R6  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
12:02:57 PM	No	54.2	59.9	56.8	51.4
12:03:07 PM	No	50.9	52.4	51.9	50.3
12:03:17 PM	No	50.9	51.5	51.3	50.6
12:03:27 PM	No	51.1	51.6	51.4	50.8
12:03:37 PM	No	52	56.5	53.6	50.9
12:03:47 PM	No	61.9	67.4	66.3	55.6
12:03:57 PM	No	57.5	65.2	62.7	51.2
12:04:07 PM	No	50.3	50.9	50.7	49.9
12:04:17 PM	No	50.4	51.2	50.7	50.1
12:04:27 PM	No	50.7	51.7	51.4	50.2
12:04:37 PM	No	50.8	51.6	51.3	50.4
12:04:47 PM	No	51.7	53.6	52.4	50.7
12:04:57 PM	No	56.2	59.6	58.8	52.1
12:05:07 PM	No	52.8	57.1	56.2	51.1
12:05:17 PM	No	57.3	62.1	61.6	52.1
12:05:27 PM	No	51.6	53.3	52.6	50.9
12:05:37 PM	No	53	55.3	54.3	51.6
12:05:47 PM	No	62.1	68.9	67.4	52.2
12:05:57 PM	No	52.1	53.2	52.7	51.7
12:06:07 PM	No	52.2	53	52.7	51.5
12:06:17 PM	No	51.8	52.6	52.2	51.5
12:06:27 PM	No	52.2	55.7	54.6	51.3
12:06:37 PM	No	52.2	54.4	53.1	51.5
12:06:47 PM	No	52.5	55.1	53.8	51.7
12:06:57 PM	No	58.2	62.8	61.9	52.9
12:07:07 PM	No	52.4	52.7	52.5	52.2
12:07:17 PM	No	52.3	53	52.8	51.9
12:07:27 PM	No	50.9	51.7	51.3	50.6
12:07:37 PM	No	53.9	57.6	57.2	50.9
12:07:47 PM	No	52	55.9	53.9	50.7
12:07:57 PM	No	62.5	68.1	67.2	52.4
12:08:07 PM	No	59	64.2	63.1	54
12:08:17 PM	No	51.9	54.2	53.2	50.9
12:08:27 PM	No	52	54.1	52.7	50.9
12:08:37 PM	No	52.9	55.7	54.6	51.9
12:08:47 PM	No	54.4	57.3	56.6	51.5
12:08:57 PM	No	51.4	52.3	52	51.2
12:09:07 PM	No	51.1	51.6	51.4	50.8
12:09:17 PM	No	51.2	53	52.2	50.4
12:09:27 PM	No	50.4	51.4	51.2	50.1
12:09:37 PM	No	53.4	60.3	57.3	50.4

12:09:47 PM No	51.4	54.2	52.4	50.7
12:09:57 PM No	50.6	53	50.8	50.2
12:10:07 PM No	51.3	52.7	52	50.5
12:10:17 PM No	52.2	53.5	53	51.6
12:10:27 PM No	51.1	52.2	51.9	50.7
12:10:37 PM No	53.1	55.7	54.7	50.9
12:10:47 PM No	54	56	55.3	52.8
12:10:57 PM No	52.3	53.8	53.1	51.4
12:11:07 PM No	51.5	52.5	52.1	50.9
12:11:17 PM No	50.7	51.3	51	50.4
12:11:27 PM No	50.7	51.1	50.9	50.6
12:11:37 PM No	51	53.3	52.2	50.3
12:11:47 PM No	50.4	51.3	51	50.1
12:11:57 PM No	50.4	51.5	51.3	49.9
12:12:07 PM No	51.2	51.9	51.7	50.7
12:12:17 PM No	51.6	52.2	52	51.1
12:12:27 PM No	51.3	52.1	51.7	51
12:12:37 PM No	51.2	51.7	51.5	51.1
12:12:47 PM No	51.4	51.7	51.6	51.2
12:12:57 PM No	51.6	52.2	52	51.3
12:13:07 PM No	51.4	52	51.7	51.2
12:13:17 PM No	53.2	58.6	56.1	51.7
12:13:27 PM No	55	59.7	58.9	51.5
12:13:37 PM No	51.1	51.7	51.5	50.9
12:13:47 PM No	51.1	51.9	51.4	50.9
12:13:57 PM No	54	57.1	56.6	51.5
12:14:07 PM No	51.8	52.7	52.5	51.1
12:14:17 PM No	51	51.7	51.3	50.7
12:14:27 PM No	51	52	51.5	50.6
12:14:37 PM No	54.5	61.4	59.2	50.7
12:14:47 PM No	55	61.4	59.1	50.9
12:14:57 PM No	51.2	52.2	51.7	50.8
12:15:07 PM No	50.8	51.5	51.3	50.4
12:15:17 PM No	51.4	54.4	52.8	50.8
12:15:27 PM No	63.7	69.7	68.5	53.2
12:15:37 PM No	56.7	61	60.1	51.7
12:15:47 PM No	51.4	53.2	52.3	50.9
12:15:57 PM No	51.2	52.5	51.7	50.9
12:16:07 PM No	51.6	52.4	52	51.2
12:16:17 PM No	51.4	52.8	52.3	51
12:16:27 PM No	56.3	61.7	61	51
12:16:37 PM No	53.9	59.8	57.5	50.6
12:16:47 PM No	50.7	51.4	51.1	50.5
12:16:57 PM No	51.9	52.9	52.6	51.3
12:17:07 PM No	52.8	54	53.2	52.2

12:17:17 PM No	62.2	68	67	53.5
12:17:27 PM No	55.5	61.5	58.9	52.6
12:17:37 PM No	57.1	61.6	61.1	52.3
12:17:47 PM No	52	55.1	53.5	51.1

**54.6**

Time	Overload	Leq	Lmax	L10	L90
12:09:05 AM No		55.9	56.7	56.2	55.7
12:09:15 AM No		58	60.9	60.3	55.9
12:09:25 AM No		55.6	55.9	55.8	55.5
12:09:35 AM No		55.6	55.9	55.8	55.5
12:09:45 AM No		55.6	56	55.8	55.5
12:09:55 AM No		56	58.3	56.6	55.6
12:10:05 AM No		55.4	55.7	55.5	55.2
12:10:15 AM No		55.5	55.9	55.7	55.2
12:10:25 AM No		55.4	55.7	55.6	55.3
12:10:35 AM No		55.5	56	55.8	55.3
12:10:45 AM No		55.4	55.7	55.6	55.2
12:10:55 AM No		55.4	55.9	55.7	55.2
12:11:05 AM No		55.3	55.6	55.5	55.1
12:11:15 AM No		55.2	55.7	55.4	55.1
12:11:25 AM No		55.5	55.7	55.6	55.3
12:11:35 AM No		54.2	55.9	55.6	51.7
12:11:45 AM No		51.8	53.3	52.9	51.1
12:11:55 AM No		51.7	52.3	52.1	51.2
12:12:05 AM No		51.7	52.4	52.2	51.3
12:12:15 AM No		52	52.8	52.5	51.6
12:12:25 AM No		51.5	52.3	52.1	51.2
12:12:35 AM No		51.2	51.7	51.5	51
12:12:45 AM No		51	51.5	51.2	50.8
12:12:55 AM No		51.1	51.7	51.5	50.8
12:13:05 AM No		51.1	51.6	51.4	50.8
12:13:15 AM No		50.9	51.3	51.2	50.8
12:13:25 AM No		50.9	51.2	51.1	50.8
12:13:35 AM No		51	51.4	51.2	50.8
12:13:45 AM No		51.3	51.7	51.6	51.1
12:13:55 AM No		51.1	51.5	51.4	50.9
12:14:05 AM No		51.2	51.5	51.4	51.1
12:14:15 AM No		51.2	51.5	51.4	51.1
12:14:25 AM No		51	51.2	51.2	50.9
12:14:35 AM No		51.4	51.9	51.7	51
12:14:45 AM No		51.1	51.4	51.3	51
12:14:55 AM No		51.4	51.7	51.7	51.2
12:15:05 AM No		51.3	51.7	51.5	51.1
12:15:15 AM No		51.3	52.1	51.7	51.1



12:15:25 AM No	51.3	51.7	51.5	51.1
12:15:35 AM No	51.5	52	51.8	51.1
12:15:45 AM No	51.2	52.1	51.6	51
12:15:55 AM No	51.3	51.7	51.5	51.1
12:16:05 AM No	51.1	51.7	51.3	51
12:16:15 AM No	51.4	51.9	51.7	51
12:16:25 AM No	51.5	52	51.8	51.3
12:16:35 AM No	51.6	51.9	51.8	51.4
12:16:45 AM No	51.5	52	51.7	51.3
12:16:55 AM No	54.7	55.8	55.6	51.7
12:17:05 AM No	55.6	55.9	55.7	55.4
12:17:15 AM No	55.6	55.9	55.8	55.4
12:17:25 AM No	55.6	55.9	55.8	55.5
12:17:35 AM No	55.7	56	55.8	55.6
12:17:45 AM No	55.9	56.3	56.1	55.8
12:17:55 AM No	55.9	56.4	56.3	55.7
12:18:05 AM No	55.6	56	55.9	55.5
12:18:15 AM No	53.2	55.9	55.7	50.6
12:18:25 AM No	50.6	50.9	50.8	50.5
12:18:35 AM No	50.9	51.3	51.2	50.8
12:18:45 AM No	51	51.3	51.1	50.9
12:18:55 AM No	50.9	51.4	51.2	50.5
12:19:05 AM No	50.6	50.9	50.8	50.5
12:19:15 AM No	51.5	54.5	52.9	50.8
12:19:25 AM No	55.5	56	55.8	55.2
12:19:35 AM No	55.6	56	55.8	55.5
12:19:45 AM No	55.7	56	55.9	55.6
12:19:55 AM No	55.6	55.9	55.7	55.5
12:20:05 AM No	56.7	59	58.4	55.5
12:20:15 AM No	57.6	58.9	58.4	57.1
12:20:25 AM No	55.8	56.8	56.4	55.6
12:20:35 AM No	55.5	55.8	55.7	55.2
12:20:45 AM No	55.5	55.7	55.6	55.4
12:20:55 AM No	55.4	55.7	55.5	55.2
12:21:05 AM No	55.6	56	55.8	55.5
12:21:15 AM No	55.5	55.8	55.7	55.4
12:21:25 AM No	55.4	55.6	55.5	55.2
12:21:35 AM No	55.3	55.6	55.4	55.1
12:21:45 AM No	55.4	55.6	55.5	55.2
12:21:55 AM No	55.5	55.9	55.7	55.4
12:22:05 AM No	55.5	55.7	55.6	55.3
12:22:15 AM No	55.4	55.7	55.6	55.2
12:22:25 AM No	55.8	56.8	56.4	55.4
12:22:35 AM No	55.4	56.1	55.8	55.2
12:22:45 AM No	55.8	56.2	56	55.6

12:22:55 AM No	55.9	56.3	56.1	55.7
12:23:05 AM No	55.4	56.2	56	55.1
12:23:15 AM No	55.2	55.5	55.4	55.1
12:23:25 AM No	55.4	56.2	55.8	55.1
12:23:35 AM No	57.5	60.4	60	56
12:23:45 AM No	55.6	56	55.8	55.5
12:23:55 AM No	55.6	55.9	55.8	55.5

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**54.4**

Location: R8  
Date: 7/8/2020

Time	Overload	Leq	Lmax	L10	L90
	No	69.6	75.8	75.3	57.1
11:11:26 AM	No	57.2	58.6	57.9	56.9
11:11:36 AM	No	58	61.1	60	56.8
11:11:46 AM	No	59.5	62.3	60.7	58.4
11:11:56 AM	No	59.7	60.7	60.2	59.3
11:12:06 AM	No	60.6	64.4	62.4	58.5
11:12:16 AM	No	59.1	60.2	60	58.1
11:12:26 AM	No	59.5	59.9	59.8	59.3
11:12:36 AM	No	59.5	60.4	59.9	59.2
11:12:46 AM	No	63.7	67.2	66.8	59.6
11:12:56 AM	No	57.3	58.8	58.2	56.3
11:13:06 AM	No	63.7	70.9	69.9	56.4
11:13:16 AM	No	66.5	72.3	71	59.9
11:13:26 AM	No	59.6	65.2	62.9	57.1
11:13:36 AM	No	57.9	59.2	59.1	57.3
11:13:46 AM	No	59.2	59.9	59.6	58.4
11:13:56 AM	No	56.6	58.1	57.9	55.9
11:14:06 AM	No	57.9	61.2	60	55.9
11:14:16 AM	No	63.8	68	67.3	59.6
11:14:26 AM	No	59.6	60.5	60.2	58.4
11:14:36 AM	No	56.5	57.6	57.2	55.7
11:14:46 AM	No	58.9	59.8	59.3	58.4
11:14:56 AM	No	58.7	59.7	59.3	57.7
11:15:06 AM	No	58.6	60.1	59.8	57.3
11:15:16 AM	No	65	71.3	70.7	59.4
11:15:26 AM	No	66.1	70.6	67.8	62.9
11:15:36 AM	No	60	63.2	61.8	58.4
11:15:46 AM	No	57.3	58.5	58	56.1
11:15:56 AM	No	59.5	63.7	62	58
11:16:06 AM	No	59.9	61.4	60.7	58.3
11:16:16 AM	No	58.1	59	58.7	57.6
11:16:26 AM	No	56.6	57.9	57.6	55.8
11:16:36 AM	No	57.3	58.1	57.8	56.5
11:16:46 AM	No	56.6	58.5	58	55.7
11:16:56 AM	No	54.7	56.1	55.4	54.1
11:17:06 AM	No	57.5	59.3	58.1	56.4
11:17:16 AM	No	61	63.8	63.4	59.3
11:17:26 AM	No	66.9	70.2	69.3	63.8
11:17:36 AM	No	66.6	70.7	69.5	62.6
11:17:46 AM	No	61.5	63.7	63.3	59.6
11:17:56 AM	No	59.6	61	60.6	58.5

11:18:06 AM No	60.4	61.3	61.1	59.9
11:18:16 AM No	63.1	67.5	66.8	59.6
11:18:26 AM No	60.7	62.7	62.3	58.9
11:18:36 AM No	60.5	61.4	61.2	59.9
11:18:46 AM No	60.5	66.7	61.7	59.4
11:18:56 AM No	77	84.2	82.4	62.4
11:19:06 AM No	59.4	60.8	60	58.7
11:19:16 AM No	62.9	67.6	65.7	60.4
11:19:26 AM No	64.5	66.8	65.9	63.5
11:19:36 AM No	68.6	74.7	73.5	65.2
11:19:46 AM No	66.2	72.8	69.8	61.9
11:19:56 AM No	61.2	63.5	62.5	60.2
11:20:06 AM No	59.4	61.1	60.8	57.9
11:20:16 AM No	61.3	64.4	63.9	58.4
11:20:26 AM No	65.4	70.7	70.1	56.9
11:20:36 AM No	66.4	71.1	70.3	60
11:20:46 AM No	58.7	60.3	59.6	58
11:20:56 AM No	59.2	60.4	60	58.6
11:21:06 AM No	60.3	61.2	61	59.2
11:21:16 AM No	59.7	61	60.5	58.7
11:21:26 AM No	57.3	58.8	58.4	55.7
11:21:36 AM No	56.7	57.2	57.1	56.2
11:21:46 AM No	57	57.9	57.5	56.7
11:21:56 AM No	54.9	57.1	56	53.8
11:22:06 AM No	55.2	56.5	56.3	53.5
11:22:16 AM No	55.4	57.6	56.7	54.3
11:22:26 AM No	58.2	59	58.8	56.8
11:22:36 AM No	56	60.9	58.1	53.6
11:22:46 AM No	69	74.3	73.6	58.9
11:22:56 AM No	55.7	57.5	56.7	54
11:23:06 AM No	52.9	53.6	53.4	52.5
11:23:16 AM No	53.3	54.1	53.8	52.6
11:23:26 AM No	63.7	69.3	68	55.7
11:23:36 AM No	62.3	64.6	64.2	60.4
11:23:46 AM No	56.6	59.2	58.1	54.1
11:23:56 AM No	55	56.3	56.1	54.1
11:24:06 AM No	55.3	56.7	56.5	54.2
11:24:16 AM No	53.8	54.9	54.4	53.4
11:24:26 AM No	52.9	54.1	53.2	52.5
11:24:36 AM No	53.1	56	54.1	52.4
11:24:46 AM No	62	67.6	66.6	55.1
11:24:56 AM No	55.8	58.1	57.1	55
11:25:06 AM No	58.3	58.8	58.6	57.7
11:25:16 AM No	55.8	58.1	57.3	54.7
11:25:26 AM No	64.1	69.1	68.3	56.5

11:25:36 AM	No	60.1	63.5	63.2	56.2
11:25:46 AM	No	56.1	57.7	56.8	55.4
11:25:56 AM	No	56.9	58.3	57.7	56.1
11:26:06 AM	No	58.5	60	59.6	55.5

**62.9**

Time	Overload	Leq	Lmax	L10	L90
10:29:17 PM	No	52.8	53.6	53.3	52.3
10:29:27 PM	No	58.1	61.4	61	52.2
10:29:37 PM	No	55.8	58.6	57.5	54.6
10:29:47 PM	No	57.1	59.4	59	55.7
10:29:57 PM	No	74.4	80.6	79.6	61.8
10:30:07 PM	No	68.6	73.2	72.3	62.8
10:30:17 PM	No	62.5	70.5	67.1	56.3
10:30:27 PM	No	55.1	57.3	56.9	53.7
10:30:37 PM	No	54.3	56.2	55.3	53.5
10:30:47 PM	No	52.8	54.4	53.5	52.2
10:30:57 PM	No	56.1	57.1	56.7	55.2
10:31:07 PM	No	55.4	55.8	55.6	55.2
10:31:17 PM	No	56.2	56.9	56.7	55.7
10:31:27 PM	No	56	56.9	56.8	55.2
10:31:37 PM	No	53.7	54.7	54.3	52.5
10:31:47 PM	No	51.9	53	52.6	51.1
10:31:57 PM	No	53.9	55.3	55.1	51.1
10:32:07 PM	No	55.4	56.3	55.9	54.7
10:32:17 PM	No	54.1	54.8	54.7	53.1
10:32:27 PM	No	54.9	56.8	56.3	54
10:32:37 PM	No	57.2	58	57.7	56.8
10:32:47 PM	No	56.3	57.6	57.4	54.8
10:32:57 PM	No	53.6	54.6	54.1	53.3
10:33:07 PM	No	53.5	55.6	55	52.5
10:33:17 PM	No	54.2	56.8	55.4	53
10:33:27 PM	No	54.5	55.6	55.4	53.9
10:33:37 PM	No	58.1	66.9	61.4	53.8
10:33:47 PM	No	63.4	68.3	68	55.1
10:33:57 PM	No	55.8	57.3	56.5	54.8
10:34:07 PM	No	65.6	70.1	69.5	58.8
10:34:17 PM	No	56.6	61	58.8	54.8
10:34:27 PM	No	56.4	57.7	57.1	55.7
10:34:37 PM	No	56.3	56.7	56.5	56
10:34:47 PM	No	55.6	57	56.3	54.9
10:34:57 PM	No	55.6	56.9	56	55.1
10:35:07 PM	No	56.7	58.7	57.6	55
10:35:17 PM	No	55.2	56.9	56.4	53.3
10:35:27 PM	No	53.5	54.5	54.1	53

10:35:37 PM No	56.2	57.1	56.7	54.9
10:35:47 PM No	55.6	56.3	56	55.1
10:35:57 PM No	55.4	56.1	55.9	55
10:36:07 PM No	54.5	56.1	55.3	53.6
10:36:17 PM No	53.9	56.8	54.7	52.9
10:36:27 PM No	57	62.5	60	53.6
10:36:37 PM No	54.4	55.1	54.8	54.2
10:36:47 PM No	58	60.4	60.1	54.4
10:36:57 PM No	53.9	56.9	55.7	52.6
10:37:07 PM No	53.9	55.5	54.8	53
10:37:17 PM No	53.7	54.3	54.1	53.1
10:37:27 PM No	54.1	54.8	54.7	53.5
10:37:37 PM No	54.9	55.5	55.3	54.5
10:37:47 PM No	57	58.2	57.9	55.7
10:37:57 PM No	57.8	58.8	58.3	57.4
10:38:07 PM No	60.4	64.9	64.6	56.5
10:38:17 PM No	58.4	64.2	62.3	54.6
10:38:27 PM No	54.5	56.4	55.5	53.9
10:38:37 PM No	57.4	59.1	58.1	56.7
10:38:47 PM No	57.7	59.3	58.4	57.1
10:38:57 PM No	58.1	59.2	58.9	57.1
10:39:07 PM No	55.7	57.1	56.6	54.8
10:39:17 PM No	66.8	71.7	70.9	57.1
10:39:27 PM No	55.8	60.2	58.7	53.5
10:39:37 PM No	53.4	54	53.7	53.1
10:39:47 PM No	54.6	57.7	56.9	53.6
10:39:57 PM No	57.8	58.3	58.1	57.5
10:40:07 PM No	57	58.6	58.2	56.1
10:40:17 PM No	55	56.3	56.1	54.2
10:40:27 PM No	55.1	56.3	56.1	54.4
10:40:37 PM No	56.9	57.7	57.4	56.5
10:40:47 PM No	57.7	58.5	58.3	56.7
10:40:57 PM No	56.5	61.7	58.1	55
10:41:07 PM No	71	76.7	75.9	59.2
10:41:17 PM No	56.2	57.4	57	55.1
10:41:27 PM No	56.7	59.1	58.6	54.6
10:41:37 PM No	57.2	58.3	57.9	56.7
10:41:47 PM No	60.1	63.7	63.4	56.9
10:41:57 PM No	59.8	63.3	62.2	57.7
10:42:07 PM No	56.4	57.3	57.2	55.3
10:42:17 PM No	55.4	55.8	55.6	55.2
10:42:27 PM No	56.3	59.1	58.7	54.8
10:42:37 PM No	56.1	58.7	58.1	54
10:42:47 PM No	54.5	55.4	55.1	53.5
10:42:57 PM No	55.6	56.9	56.4	54.8

10:43:07 PM No	57.7	59.3	59.1	56.2
10:43:17 PM No	62.2	65.2	64.9	58.3
10:43:27 PM No	59	64.1	63	54.2
10:43:37 PM No	60.1	66	64.4	54
10:43:47 PM No	56.8	60.4	59.1	54.6
10:43:57 PM No	57.9	65.7	60.4	54.3
10:44:07 PM No	66.1	71	70.6	58.9

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**60.5**

Location: R9  
 Date: 7/8/2020

Time	Overload	Leq	Lmax	L10	L90
11:43:27 AM	No	58	62.4	60.5	54.4
11:43:37 AM	No	53.7	54.7	54.3	53.3
11:43:47 AM	No	55.6	57.1	56.3	54.7
11:43:57 AM	No	57.7	59.9	59.4	55.3
11:44:07 AM	No	61.1	64.7	63.4	58.9
11:44:17 AM	No	58.6	61.5	60.7	55.3
11:44:27 AM	No	54.3	56.8	56.2	52.4
11:44:37 AM	No	60.6	68.3	67	53.6
11:44:47 AM	No	65.7	69.9	69.5	58.8
11:44:57 AM	No	56.9	58.3	58.1	54.5
11:45:07 AM	No	56.6	58.9	58.4	54.8
11:45:17 AM	No	55.8	56.9	56.7	54.9
11:45:27 AM	No	56.8	59.2	58.6	54.7
11:45:37 AM	No	52.2	53.6	53	51.3
11:45:47 AM	No	52.2	53.5	52.8	51.7
11:45:57 AM	No	57.6	59.5	59.1	53.5
11:46:07 AM	No	57.5	60.8	59	56.3
11:46:17 AM	No	58.8	61.4	61.1	56.5
11:46:27 AM	No	60	64.2	63.3	56.5
11:46:37 AM	No	58.1	60.1	59.4	56.7
11:46:47 AM	No	59.3	61.7	61.3	56.1
11:46:57 AM	No	53.6	58.3	56.2	51.9
11:47:07 AM	No	52.2	53.6	52.8	51.7
11:47:17 AM	No	52.5	53.5	53.2	51.8
11:47:27 AM	No	54.9	57.5	56.7	53.1
11:47:37 AM	No	59.6	62.9	61.9	57.2
11:47:47 AM	No	61.8	62.7	62.3	61.3
11:47:57 AM	No	60.3	62.1	61.7	58.4
11:48:07 AM	No	54.7	57.7	56	53
11:48:17 AM	No	52.8	55	53.7	51.9
11:48:27 AM	No	54.8	57.1	56.9	51.7
11:48:37 AM	No	55.4	59.1	58.4	51.3
11:48:47 AM	No	52.7	55	54.1	51.7
11:48:57 AM	No	56	57.9	57.6	54.6
11:49:07 AM	No	53.8	56.2	55.9	50.7
11:49:17 AM	No	51.5	55.6	53.4	50.5
11:49:27 AM	No	51.3	52.7	52.3	50.6
11:49:37 AM	No	52.5	54	53.7	51.3
11:49:47 AM	No	56.5	60.8	60	53.3
11:49:57 AM	No	51.9	53.6	53.3	50.9
11:50:07 AM	No	58	59.9	59.6	54.2



11:50:17 AM No	58.9	61	60.3	57.1
11:50:27 AM No	56.4	58.3	58.1	54
11:50:37 AM No	53.9	57.8	55.3	52.8
11:50:47 AM No	62	67.6	66.2	53.8
11:50:57 AM No	52.4	53.5	53.1	51.7
11:51:07 AM No	55.9	59.3	58.5	52.7
11:51:17 AM No	54.7	59.7	56.3	52
11:51:27 AM No	55.5	59.1	57.9	52.4
11:51:37 AM No	54.5	56.5	55.6	53.8
11:51:47 AM No	57.6	63.7	62.8	52.2
11:51:57 AM No	60	65.5	64.8	51.7
11:52:07 AM No	51.8	53.4	52.4	51.3
11:52:17 AM No	60.5	64.2	63.3	53.7
11:52:27 AM No	59.4	61.3	60.1	58.7
11:52:37 AM No	62.1	65.8	65.5	58.3
11:52:47 AM No	59.8	61.4	60.5	59.1
11:52:57 AM No	60.4	64.7	63.4	57.3
11:53:07 AM No	57	60.1	58.8	55.5
11:53:17 AM No	61.3	64.2	63.7	57.1
11:53:27 AM No	58.2	62.3	61.5	54.3
11:53:37 AM No	54.8	57.3	57.1	51.6
11:53:47 AM No	54.3	57.4	57	51.5
11:53:57 AM No	59.3	62.1	61	58.1
11:54:07 AM No	57.6	62.5	60.6	54
11:54:17 AM No	55.3	58.7	57.5	52.8
11:54:27 AM No	56.7	59.5	58	53.4
11:54:37 AM No	57.7	59.6	59.1	56.3
11:54:47 AM No	58.8	65.4	60.3	56.5
11:54:57 AM No	66.5	72.8	71.1	56.1
11:55:07 AM No	59.6	61.5	61.2	57.9
11:55:17 AM No	61.5	64.5	64	58.4
11:55:27 AM No	57.8	60.1	59.7	53.3
11:55:37 AM No	54.2	57.2	56.8	51.6
11:55:47 AM No	55.9	60.1	59.4	52.4
11:55:57 AM No	59	61.2	60.6	56
11:56:07 AM No	59.8	65.7	63.9	55.4
11:56:17 AM No	57.8	63.7	61.2	55.1
11:56:27 AM No	59.2	60.9	60.4	57
11:56:37 AM No	56.3	60.5	59.5	52.8
11:56:47 AM No	53.1	55.3	54.7	51.2
11:56:57 AM No	52.3	54.7	54	50.1
11:57:07 AM No	49.5	51.2	49.9	49.1
11:57:17 AM No	51.2	53.1	52.7	50.3
11:57:27 AM No	55.2	61	57.9	52.4
11:57:37 AM No	63.8	66.1	65.2	62.3

11:57:47 AM No	56.3	62.9	60.7	51.1
11:57:57 AM No	53.9	57.6	57.3	51.5
11:58:07 AM No	60.5	66.9	64.4	57.6
11:58:17 AM No	61.8	68.2	66.5	55.3

**58.3**

Time	Overload	Leq	Lmax	L10	L90
10:50:51 PM No		57.5	62.3	61.4	53.3
10:51:01 PM No		55.2	59	58.7	51.7
10:51:11 PM No		57.7	61.7	61.3	49.3
10:51:21 PM No		52.8	55.7	55.3	48.5
10:51:31 PM No		52.3	54.7	54.4	51.1
10:51:41 PM No		59.4	62.7	62.2	52.9
10:51:51 PM No		56.7	60.1	59.3	51.5
10:52:01 PM No		49.6	51.1	50.8	48.5
10:52:11 PM No		51.5	55.2	54.8	48.6
10:52:21 PM No		50.5	54.6	53.2	48.6
10:52:31 PM No		49.6	51.9	51.2	48.4
10:52:41 PM No		58.3	61	60.6	54.3
10:52:51 PM No		52.9	56.9	56.4	50.5
10:53:01 PM No		53.7	57.1	56.9	48.9
10:53:11 PM No		49.2	51.2	50.8	48.3
10:53:21 PM No		51.5	54.7	54	48.9
10:53:31 PM No		53	54.3	54	52.4
10:53:41 PM No		54.8	57.3	56.9	53.4
10:53:51 PM No		54.6	57.3	56.7	52.1
10:54:01 PM No		55.8	58.8	58.2	53.9
10:54:11 PM No		56.3	60	59.4	51.2
10:54:21 PM No		48.5	50.2	49.5	47.6
10:54:31 PM No		48.1	48.6	48.5	47.8
10:54:41 PM No		49	53.6	50.6	47.7
10:54:51 PM No		53.7	57.6	56.9	49.6
10:55:01 PM No		49.7	51.8	50.5	49.1
10:55:11 PM No		56.8	58.6	58.3	53.3
10:55:21 PM No		55.2	57.7	57.2	53.5
10:55:31 PM No		51.5	54.2	53.6	49.7
10:55:41 PM No		52.2	54.2	53.6	50.5
10:55:51 PM No		57.8	60.8	60.1	54.1
10:56:01 PM No		55.9	59.8	58.6	53
10:56:11 PM No		50.4	53	51.9	49.2
10:56:21 PM No		49	49.4	49.3	48.9
10:56:31 PM No		49.5	50.8	50.1	49.1
10:56:41 PM No		57.4	60.5	60	51.3
10:56:51 PM No		52.2	56.3	54	49.8
10:57:01 PM No		56.1	60.8	60.2	50.1

10:57:11 PM No	55.9	58.3	57.6	53.4
10:57:21 PM No	57.5	61	60.7	54.2
10:57:31 PM No	54.3	60	58.1	50.9
10:57:41 PM No	53.6	55.7	55.1	50.9
10:57:51 PM No	54.2	55.9	55.4	52.4
10:58:01 PM No	53.3	56.2	55.7	50.4
10:58:11 PM No	54.9	58	56.9	52.6
10:58:21 PM No	55.4	59.1	58.1	52.9
10:58:31 PM No	57.6	59.9	59.3	53.7
10:58:41 PM No	54.8	57	56.7	52.4
10:58:51 PM No	54.4	57.6	57.2	51.2
10:59:01 PM No	52.1	55.1	53.9	51.1
10:59:11 PM No	56.1	59.1	58.8	53.5
10:59:21 PM No	54.3	56.9	56.5	52.1
10:59:31 PM No	50.6	51.9	51.1	50.1
10:59:41 PM No	52.2	56.5	54.4	50
10:59:51 PM No	53.5	56.7	56.1	51.7
11:00:01 PM No	53.6	57.3	56.5	50.5
11:00:11 PM No	50.8	51.9	51.5	50.2
11:00:21 PM No	55	58.8	58.5	50.5
11:00:31 PM No	54.3	58.4	57.3	50.5
11:00:41 PM No	51.5	52.1	51.9	51.2
11:00:51 PM No	52.5	54.8	54.1	51.3
11:01:01 PM No	51.4	54.8	53.6	50.1
11:01:11 PM No	52.1	53.7	53.5	50.8
11:01:21 PM No	57.7	61.3	60.8	51.7
11:01:31 PM No	53	55.6	53.8	51.3
11:01:41 PM No	55.8	60.9	59.7	51.8
11:01:51 PM No	54.6	59.7	58.3	50
11:02:01 PM No	50.6	53.6	51.9	49.5
11:02:11 PM No	51.3	54.1	53.8	49.6
11:02:21 PM No	50.6	52.5	52.1	49.3
11:02:31 PM No	54.1	56.2	55.7	52.1
11:02:41 PM No	54.9	57	56.9	52
11:02:51 PM No	57	60.7	60	52.4
11:03:01 PM No	58.3	60.7	60.1	55
11:03:11 PM No	59.6	64.7	63.8	53.8
11:03:21 PM No	55.9	58.3	57.7	53.1
11:03:31 PM No	53.9	58.3	57.5	50.5
11:03:41 PM No	49.6	50.5	50	49.3
11:03:51 PM No	49.5	50	49.7	49.3
11:04:01 PM No	55	60.8	59.8	50.1
11:04:11 PM No	56.5	60.8	58.9	54
11:04:21 PM No	52.1	54.4	53.3	51.1
11:04:31 PM No	50.3	51.3	50.7	49.9

11:04:41 PM No	49.8	51	50.8	49.1
11:04:51 PM No	50.2	50.7	50.5	49.9
11:05:01 PM No	53.3	58.3	57.5	49.9
11:05:11 PM No	56.2	59.4	58.8	53.7
11:05:21 PM No	55.8	59.2	59	51.7
11:05:31 PM No	50.3	51.5	50.7	50
11:05:41 PM No	51.9	53.5	53.1	50.5

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**54.4**

Location: R10  
 Date: 7/8/2020

Time	Overload	Leq	Lmax	L10	L90
12:01:25 PM	No	53.3	54.6	54.4	52.6
12:01:35 PM	No	53.7	54.8	54.4	53.1
12:01:45 PM	No	57.4	60.3	59.5	54.8
12:01:55 PM	No	55.5	59.1	57.8	53.7
12:02:05 PM	No	52.8	53.9	53.4	52.4
12:02:15 PM	No	53.5	54.7	54.4	52.5
12:02:25 PM	No	54.1	55	54.7	53.6
12:02:35 PM	No	53.3	54.1	53.8	52.7
12:02:45 PM	No	53.4	54.5	54	52.7
12:02:55 PM	No	52.9	53.6	53.4	52.5
12:03:05 PM	No	53.5	55.9	54.8	52.8
12:03:15 PM	No	52.5	52.8	52.6	52.3
12:03:25 PM	No	54.1	55.3	55	52.5
12:03:35 PM	No	54.6	55.7	55.5	53.9
12:03:45 PM	No	53.6	55.1	54.7	52.8
12:03:55 PM	No	55.6	57.5	57.2	53.3
12:04:05 PM	No	54.2	56.1	55.3	53.3
12:04:15 PM	No	55.6	57.1	56.6	53.9
12:04:25 PM	No	53.9	56.6	54.6	53.4
12:04:35 PM	No	53.3	54.3	54.1	53
12:04:45 PM	No	55.2	58	56.8	53.5
12:04:55 PM	No	55.5	58.4	57.8	54.1
12:05:05 PM	No	54.4	57.3	55.5	53.6
12:05:15 PM	No	56.7	58.9	58.6	54.3
12:05:25 PM	No	54.9	55.7	55.4	54.5
12:05:35 PM	No	54	54.8	54.6	53.7
12:05:45 PM	No	57.4	62.1	61.7	54.1
12:05:55 PM	No	60.5	64.3	63.9	53.7
12:06:05 PM	No	53.5	54.3	54	53.1
12:06:15 PM	No	54.7	55.7	55.3	53.8
12:06:25 PM	No	57.8	61.2	59.6	55.1
12:06:35 PM	No	53.8	55.7	54.8	53.2
12:06:45 PM	No	65	74.6	70.9	53.7
12:06:55 PM	No	62.7	70.9	67.8	56.9
12:07:05 PM	No	61.9	65.4	64.8	56.2
12:07:15 PM	No	54.1	55.2	54.7	53.8
12:07:25 PM	No	54.3	54.8	54.6	54
12:07:35 PM	No	56.2	59.9	58.8	53.5
12:07:45 PM	No	58.7	60.7	60.4	57.3
12:07:55 PM	No	58.3	59.6	59.2	57.6
12:08:05 PM	No	56.1	57.8	57.6	55

12:08:15 PM No	53.8	55	54.7	53.2
12:08:25 PM No	55.5	57.9	57.4	52.9
12:08:35 PM No	55.8	57.8	56.8	54.9
12:08:45 PM No	54.5	55.6	55.1	54.1
12:08:55 PM No	58.4	62.1	61.7	55
12:09:05 PM No	54.6	56.1	56	53.3
12:09:15 PM No	53.6	54.9	54.2	53.1
12:09:25 PM No	53.4	54.2	54	52.9
12:09:35 PM No	53.4	54.2	54	53
12:09:45 PM No	53.9	57.1	55	53
12:09:55 PM No	55.5	57.2	57	52.8
12:10:05 PM No	55.5	61.4	59.1	53.2
12:10:15 PM No	57.6	61.4	60.6	54
12:10:25 PM No	55.6	57.8	57.4	53.9
12:10:35 PM No	54.2	56.6	55.4	52.8
12:10:45 PM No	52	54	53.4	50.5
12:10:55 PM No	50.4	51	50.7	50.1
12:11:05 PM No	50.8	51.5	51.1	50.5
12:11:15 PM No	50.8	51.2	51.1	50.5
12:11:25 PM No	51.6	52.6	52.1	51.1
12:11:35 PM No	54.9	56.5	56.2	52.3
12:11:45 PM No	52.7	56	55.1	51.1
12:11:55 PM No	51.9	53.3	52.9	51.2
12:12:05 PM No	53.2	57.2	55.4	51.7
12:12:15 PM No	58.1	60.2	59.5	57.1
12:12:25 PM No	56.7	58	57.5	55.7
12:12:35 PM No	63.1	67.3	66.7	57.9
12:12:45 PM No	66	68	67.5	62.8
12:12:55 PM No	64.5	68.1	66.7	61.4
12:13:05 PM No	57.9	61.9	60.4	55.9
12:13:15 PM No	58.4	61.8	61.4	54.7
12:13:25 PM No	57.1	59.6	58.8	54.4
12:13:35 PM No	60.3	64.7	63.3	57.3
12:13:45 PM No	60	65.2	63.9	57.3
12:13:55 PM No	55.2	61	55.9	53.7
12:14:05 PM No	58.4	60.8	60.1	55.5
12:14:15 PM No	55	57.9	56.7	53.7
12:14:25 PM No	57	59.6	59.2	55
12:14:35 PM No	56.9	58.7	58.3	55.4
12:14:45 PM No	55.1	56.5	56.1	53.7
12:14:55 PM No	53.3	54.9	54.4	52.1
12:15:05 PM No	53.8	56.1	55.3	52.2
12:15:15 PM No	56	58.9	58.3	53.4
12:15:25 PM No	52.2	54.3	53.1	51.5
12:15:35 PM No	51.8	52.7	52.4	51.3

12:15:45 PM No	52.4	53.6	53	51.6
12:15:55 PM No	52.6	53.7	53.4	51.6
12:16:05 PM No	51.7	53.1	52.3	51.3
12:16:15 PM No	51	51.6	51.4	50.5

**57**

Time	Overload	Leq	Lmax	L10	L90
11:08:44 PM No		49.8	55.4	52.9	47.2
11:08:54 PM No		46.3	47.5	47.3	45.5
11:09:04 PM No		45.9	47	46.5	45
11:09:14 PM No		44.9	46.7	45.5	44.2
11:09:24 PM No		46.2	47.6	46.7	45.3
11:09:34 PM No		48.4	51.9	51.1	45.2
11:09:44 PM No		53.2	56	55.5	49.8
11:09:54 PM No		48.2	50.2	49.9	46.9
11:10:04 PM No		46.3	47.1	46.8	45.7
11:10:14 PM No		47.5	48.5	48.1	47.1
11:10:24 PM No		51.4	55.1	52.9	48.3
11:10:34 PM No		47.5	51.3	49.6	45
11:10:44 PM No		47	49.1	48.7	45.3
11:10:54 PM No		48.2	50.5	49.5	46.8
11:11:04 PM No		47.6	49.6	48.7	46.7
11:11:14 PM No		55	58.2	57.7	51
11:11:24 PM No		53.5	55.4	55.2	51.3
11:11:34 PM No		50.9	53.8	53.2	47.9
11:11:44 PM No		48.2	49.8	49.6	47.5
11:11:54 PM No		49.4	50.9	50.6	48.1
11:12:04 PM No		49.1	52.3	51.1	47.7
11:12:14 PM No		47.8	52.2	49.6	46.5
11:12:24 PM No		48.4	50.4	49.2	47.6
11:12:34 PM No		46.7	50.1	48.4	45.4
11:12:44 PM No		45.8	47.2	46.3	45.5
11:12:54 PM No		46.9	48.4	48.1	46.2
11:13:04 PM No		46.4	47	46.8	46.1
11:13:14 PM No		47.6	48.7	48.5	46.5
11:13:24 PM No		46.4	47.3	47.1	45.8
11:13:34 PM No		48.3	52.1	51	46.3
11:13:44 PM No		47.5	50.6	49.3	46.1
11:13:54 PM No		53.1	56.5	55.5	48.6
11:14:04 PM No		48.8	50.2	49.8	47.7
11:14:14 PM No		47.5	48.1	48	46.9
11:14:24 PM No		47.7	50.3	50	46.3
11:14:34 PM No		47.7	51.7	49.3	46.5
11:14:44 PM No		45.7	46.3	46.1	45.2
11:14:54 PM No		45.7	46.6	46.4	44.7

11:15:04 PM No	45.7	46.8	46.5	44.6
11:15:14 PM No	46	46.5	46.3	45.5
11:15:24 PM No	47.4	49.2	48.8	46.1
11:15:34 PM No	52.9	62	58.8	47.1
11:15:44 PM No	49.8	57.4	53.6	46
11:15:54 PM No	45.9	46.3	46.1	45.4
11:16:04 PM No	48.4	51.9	51.6	45.5
11:16:14 PM No	57.2	60.2	59.9	49.4
11:16:24 PM No	50.1	56.5	54.4	46.1
11:16:34 PM No	48.7	50.4	49.6	47.6
11:16:44 PM No	50.1	51.2	50.8	49.4
11:16:54 PM No	50.9	53.5	53.1	48.6
11:17:04 PM No	49.3	50.2	50.1	48.9
11:17:14 PM No	47.7	49.1	48.8	46.9
11:17:24 PM No	47.6	48.7	47.9	47.3
11:17:34 PM No	47.8	48.6	48.3	47.5
11:17:44 PM No	48.9	51.2	49.5	48.2
11:17:54 PM No	50.8	52.2	52	49
11:18:04 PM No	49.5	50.9	50.7	48.2
11:18:14 PM No	47.5	48.4	48	47.2
11:18:24 PM No	48.3	50.4	49.5	47.2
11:18:34 PM No	49.8	53.8	51.8	48.4
11:18:44 PM No	48.9	49.9	49.5	48
11:18:54 PM No	50.4	51.8	51.3	49.4
11:19:04 PM No	51.4	52.9	52.6	50.6
11:19:14 PM No	50.6	52.5	51.8	49
11:19:24 PM No	49.2	50.5	50.2	48.1
11:19:34 PM No	48.4	49.2	49	47.7
11:19:44 PM No	49.5	51.2	50.4	48.4
11:19:54 PM No	47.5	48.7	48.4	46.9
11:20:04 PM No	47.4	48.8	48.4	46.5
11:20:14 PM No	47.7	52.8	50.9	45.9
11:20:24 PM No	46.9	48.3	47.9	46.3
11:20:34 PM No	48.7	50.3	50.1	47.5
11:20:44 PM No	47	47.6	47.3	46.8
11:20:54 PM No	47.6	48.3	48.1	47.3
11:21:04 PM No	49	50	49.8	48.2
11:21:14 PM No	47.9	48.5	48.3	47.7
11:21:24 PM No	47.6	48.1	47.9	47.3
11:21:34 PM No	46.8	47.7	47.5	46.1
11:21:44 PM No	46.7	48.1	47.7	46
11:21:54 PM No	48.2	49.2	48.9	47.5
11:22:04 PM No	46.4	47.5	47.3	45.6
11:22:14 PM No	46.8	48.9	48.2	45.6
11:22:24 PM No	46.5	47.5	47.3	45.9



11:22:34 PM No	46.7	47.7	47.5	46.3
11:22:44 PM No	46.8	47.7	47.4	46.4
11:22:54 PM No	47.9	48.6	48.3	47.3
11:23:04 PM No	48.3	51	49.7	47.1
11:23:14 PM No	48.8	53	52.1	46.2
11:23:24 PM No	46.9	48.5	48.2	45.7
11:23:34 PM No	46	47.5	46.9	45.3

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**49.0**

Location: R11  
Date: 7/8/2020

Time	Overload	Leq	Lmax	L10	L90
12:19:06 PM	No	58.7	65.1	61.6	56.7
12:19:16 PM	No	58.1	59.5	59	56.9
12:19:26 PM	No	57.3	58.6	58.1	56.9
12:19:36 PM	No	61.9	65.8	64.9	57.4
12:19:46 PM	No	57.9	62	59.7	56.7
12:19:56 PM	No	56.7	57.3	57.1	56.3
12:20:06 PM	No	56.6	57.3	57.1	56.2
12:20:16 PM	No	57.2	57.6	57.4	57.1
12:20:26 PM	No	56.6	57.3	57.1	56.3
12:20:36 PM	No	58.5	63.8	61.1	56.8
12:20:46 PM	No	61	65	64.2	57.2
12:20:56 PM	No	58	60.8	60	56.9
12:21:06 PM	No	61	64.1	63.3	56.9
12:21:16 PM	No	56.8	57.6	57.2	56.5
12:21:26 PM	No	56.4	57.2	56.9	55.9
12:21:36 PM	No	56.7	57.3	57.1	56.3
12:21:46 PM	No	56.4	58.1	57.7	55.6
12:21:56 PM	No	56.2	56.5	56.4	55.9
12:22:06 PM	No	56.5	58.6	58.1	55.7
12:22:16 PM	No	55.8	58.3	56.5	55.2
12:22:26 PM	No	58.9	61.3	60.9	56.6
12:22:36 PM	No	57	57.9	57.7	56.3
12:22:46 PM	No	57.5	58.9	58.4	56.7
12:22:56 PM	No	59.3	61.1	60.7	57.1
12:23:06 PM	No	57.6	59.3	58.8	56
12:23:16 PM	No	56.1	56.9	56.6	55.5
12:23:26 PM	No	56.8	57.6	57.1	56.5
12:23:36 PM	No	56.7	57.5	57.2	56.4
12:23:46 PM	No	56.2	58.2	57.2	54.8
12:23:56 PM	No	56.6	57.7	57.1	56.1
12:24:06 PM	No	56.8	58.1	57.8	56.1
12:24:16 PM	No	56.8	57.3	57.1	56.3
12:24:26 PM	No	56.5	57.3	57	55.7
12:24:36 PM	No	55.8	56.9	56.5	55.3
12:24:46 PM	No	56.3	57.9	57.4	55.6
12:24:56 PM	No	58.4	60.4	59.6	57.5
12:25:06 PM	No	57	59.3	58.3	56.1
12:25:16 PM	No	58.8	60.5	59.6	57.4
12:25:26 PM	No	63.9	66.7	65.8	60.2
12:25:36 PM	No	63.4	68.7	67.4	57.3
12:25:46 PM	No	57.3	58.1	57.7	56.9

12:25:56 PM No	56.9	58.2	57.7	56
12:26:06 PM No	57.7	58.7	58.4	56.8
12:26:16 PM No	56.1	57	56.7	55.6
12:26:26 PM No	58.7	62.6	61.3	55.9
12:26:36 PM No	56.1	57	56.5	55.7
12:26:46 PM No	56.4	57.1	57	56
12:26:56 PM No	56.5	57.1	56.9	56.3
12:27:06 PM No	56.5	57.1	56.9	56.1
12:27:16 PM No	59.9	64	63.4	55.8
12:27:26 PM No	58.8	62.1	60.4	57.3
12:27:36 PM No	58.3	59.6	59.3	56.9
12:27:46 PM No	61.8	65.3	64.6	57.4
12:27:56 PM No	58.2	62.3	59.7	56.5
12:28:06 PM No	62	65.3	64.6	58.5
12:28:16 PM No	59.1	62	61.2	57.5
12:28:26 PM No	56.6	57.3	57.2	56.3
12:28:36 PM No	59.1	61.4	61	56.8
12:28:46 PM No	56.1	56.5	56.3	55.7
12:28:56 PM No	56.3	57.3	56.6	56.1
12:29:06 PM No	56.6	57.6	57.2	56.1
12:29:16 PM No	57	58.5	58.2	56
12:29:26 PM No	56.4	57.9	57.1	55.3
12:29:36 PM No	58.6	63.1	61.7	56.6
12:29:46 PM No	60.2	62.6	61.5	59.1
12:29:56 PM No	57.6	58.9	58.2	56.8
12:30:06 PM No	60.4	64.9	62.8	58.2
12:30:16 PM No	57.6	58.2	58	57.3
12:30:26 PM No	58.1	58.9	58.7	57.1
12:30:36 PM No	59.8	61.8	61.4	58.3
12:30:46 PM No	59.1	61.6	61	57.2
12:30:56 PM No	57	57.5	57.3	56.7
12:31:06 PM No	57.4	57.9	57.7	57.2
12:31:16 PM No	57	57.7	57.5	56.5
12:31:26 PM No	56.8	58.3	57.8	56.2
12:31:36 PM No	57.8	58.7	58.4	56.9
12:31:46 PM No	56.9	57.9	57.5	56.5
12:31:56 PM No	56.9	57.4	57.3	56.6
12:32:06 PM No	57.4	58.5	58	57
12:32:16 PM No	59.8	61.1	60.9	57.8
12:32:26 PM No	58.4	59.6	59.1	57.6
12:32:36 PM No	56.5	57	56.9	56.1
12:32:46 PM No	57.2	58.4	58.2	56.3
12:32:56 PM No	57.1	58.3	58	56.1
12:33:06 PM No	56.1	57.1	56.7	55.5
12:33:16 PM No	57	57.7	57.6	56.5

12:33:26 PM No	56.9	57.5	57.2	56.5
12:33:36 PM No	56.2	56.7	56.5	55.8
12:33:46 PM No	58.1	60	59.7	56.3
12:33:56 PM No	57.4	59.4	58.6	56.3

**58.2**

Time	Overload	Leq	Lmax	L10	L90
11:27:33 PM No		57.4	62.9	60.1	55.1
11:27:43 PM No		56.2	57	56.7	55.9
11:27:53 PM No		56.1	56.8	56.6	55.8
11:28:03 PM No		56.9	57.9	57.6	56.1
11:28:13 PM No		56.7	57.2	57	56.4
11:28:23 PM No		57.5	60.1	59.3	56.4
11:28:33 PM No		57.1	57.8	57.6	56.8
11:28:43 PM No		57.9	60.2	59.8	56.5
11:28:53 PM No		60.8	63	61.9	59.8
11:29:03 PM No		65.2	67	66.5	63.6
11:29:13 PM No		64.7	66.9	66.4	62.4
11:29:23 PM No		59.9	62.2	61.2	58.1
11:29:33 PM No		56.7	57.8	57.6	56.3
11:29:43 PM No		56.3	57.8	57	55.8
11:29:53 PM No		56.9	58.9	58.4	56
11:30:03 PM No		57.1	58.7	58.2	56.4
11:30:13 PM No		56.4	57.4	56.8	56.2
11:30:23 PM No		56.3	56.7	56.5	56.2
11:30:33 PM No		56.5	57.2	56.9	56.2
11:30:43 PM No		56.1	56.5	56.4	56
11:30:53 PM No		56	56.4	56.3	55.8
11:31:03 PM No		56.1	56.4	56.3	56
11:31:13 PM No		57	58.8	58.4	56.3
11:31:23 PM No		56.2	56.5	56.4	56.1
11:31:33 PM No		56.2	56.4	56.4	56.1
11:31:43 PM No		56.2	56.6	56.4	56.2
11:31:53 PM No		57.4	58.6	58.2	56.8
11:32:03 PM No		61.5	65.3	63.8	58.1
11:32:13 PM No		59.5	62.6	61.9	56.8
11:32:23 PM No		63.2	67.9	66.5	57.2
11:32:33 PM No		62.5	65.9	64.6	58.7
11:32:43 PM No		57.4	58.9	58.3	56.8
11:32:53 PM No		56.7	57	56.8	56.6
11:33:03 PM No		56.8	57.7	57.4	56.5
11:33:13 PM No		56.6	57	56.9	56.4
11:33:23 PM No		57.2	58.9	58.5	56.4
11:33:33 PM No		57.6	58.6	58.3	57.1
11:33:43 PM No		57.4	60	58.1	56.8

11:33:53 PM No	56.6	57.6	57.3	55.5
11:34:03 PM No	58	60.3	59.6	56.8
11:34:13 PM No	58.1	59.2	59	57.3
11:34:23 PM No	57.8	58.5	58.3	57.4
11:34:33 PM No	57.3	57.8	57.6	56.9
11:34:43 PM No	57.4	57.8	57.7	57.1
11:34:53 PM No	59.7	67.5	61.5	56.8
11:35:03 PM No	61.6	67.8	66.5	56.4
11:35:13 PM No	57.2	58.5	58.2	56.4
11:35:23 PM No	56.4	57	56.8	56.2
11:35:33 PM No	56.6	57.4	57.1	56.3
11:35:43 PM No	56.2	56.6	56.5	56.2
11:35:53 PM No	57.3	59.7	59.1	56.3
11:36:03 PM No	56.2	56.6	56.4	56.2
11:36:13 PM No	56.1	56.9	56.6	55.9
11:36:23 PM No	56.3	57.2	56.6	56.1
11:36:33 PM No	57.1	58.9	58.2	56.2
11:36:43 PM No	56.7	57.9	57.6	56.3
11:36:53 PM No	56.3	56.6	56.5	56.2
11:37:03 PM No	56.3	57.2	56.8	56
11:37:13 PM No	56.6	57.6	57.3	56.3
11:37:23 PM No	57.4	59.5	59	56.4
11:37:33 PM No	56.6	58.2	57.7	56.2
11:37:43 PM No	56.4	57.8	56.9	56.3
11:37:53 PM No	56.5	57.8	57.3	56.2
11:38:03 PM No	56.9	58.5	57.6	56.3
11:38:13 PM No	57.7	58.9	58.6	56.6
11:38:23 PM No	56.1	57.3	56.5	55.9
11:38:33 PM No	55.9	56.7	56.5	55.6
11:38:43 PM No	55.9	56.3	56.1	55.7
11:38:53 PM No	55.7	55.9	55.8	55.6
11:39:03 PM No	55.8	56.1	56	55.6
11:39:13 PM No	55.6	55.8	55.7	55.5
11:39:23 PM No	55.6	55.8	55.7	55.4
11:39:33 PM No	55.8	56.3	56	55.7
11:39:43 PM No	56.7	58.8	58.3	55.8
11:39:53 PM No	55.8	56.1	56	55.6
11:40:03 PM No	56	56.8	56.6	55.7
11:40:13 PM No	56.9	59.9	59.3	55.8
11:40:23 PM No	55.8	57.1	56.3	55.5
11:40:33 PM No	56.2	57.2	56.8	55.7
11:40:43 PM No	60.2	64.6	63.1	55.6
11:40:53 PM No	56.1	57.3	57	55.1
11:41:03 PM No	54.4	56.4	55.9	53.6
11:41:13 PM No	53.7	54.1	53.9	53.6

11:41:23 PM No	53.8	55	54.6	53.4
11:41:33 PM No	54.2	56.2	55.8	53.4
11:41:43 PM No	53.6	54.1	53.9	53.4
11:41:53 PM No	54.2	54.9	54.6	53.9
11:42:03 PM No	53.8	54.2	54	53.6
11:42:13 PM No	53.7	54.1	54	53.5
11:42:23 PM No	53.7	55.8	54.6	53.2

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**57.7**

Location: R12  
Date: 7/8/2020

Time	Overload	Leq	Lmax	L10	L90
12:38:41 PM	No	61.9	63.5	63.2	60.9
12:38:51 PM	No	66.2	71.5	70.4	59.4
12:39:01 PM	No	69.8	72.6	72	63.7
12:39:11 PM	No	65.6	68.6	66.9	63
12:39:21 PM	No	62	64.9	63.4	58.1
12:39:31 PM	No	65.1	69.6	69.4	58.4
12:39:41 PM	No	66.8	69.1	67.9	64.5
12:39:51 PM	No	69.5	75.5	74.3	64.7
12:40:01 PM	No	71.7	75.4	74.9	65.4
12:40:11 PM	No	69.7	72.9	72.5	64.2
12:40:21 PM	No	68.2	70.6	69.8	66.8
12:40:31 PM	No	64.5	67.2	66.6	61.9
12:40:41 PM	No	68.6	71	70.7	64.2
12:40:51 PM	No	64.3	66.2	66	61.5
12:41:01 PM	No	58.4	60	59	57.9
12:41:11 PM	No	58	60.4	59.3	57.3
12:41:21 PM	No	71.3	74.2	73.8	62.7
12:41:31 PM	No	71.4	72.4	72.2	70.3
12:41:41 PM	No	64.7	69.5	68.3	57.5
12:41:51 PM	No	54.9	59	56.5	53.9
12:42:01 PM	No	66	72.2	70.5	56.4
12:42:11 PM	No	78.3	81.9	81.2	73.1
12:42:21 PM	No	69.7	72.1	70.9	68.4
12:42:31 PM	No	67.8	69.1	68.4	67
12:42:41 PM	No	69	70.2	70	67
12:42:51 PM	No	69.5	71.3	70.9	67.4
12:43:01 PM	No	71.5	74.9	74.5	65.3
12:43:11 PM	No	65.6	70	69.1	58.7
12:43:21 PM	No	64.7	69.9	69.3	56.5
12:43:31 PM	No	66.4	68.3	67.2	65
12:43:41 PM	No	67.8	72.9	72.4	58.5
12:43:51 PM	No	73.6	75.5	74.7	71.2
12:44:01 PM	No	68.6	71.3	70.9	63.7
12:44:11 PM	No	58.9	61.9	60.6	57.7
12:44:21 PM	No	61.6	64.1	63.3	59.1
12:44:31 PM	No	56.9	58.9	58.4	55.8
12:44:41 PM	No	57.7	59.8	59.6	56.3
12:44:51 PM	No	66.8	69.1	68.5	60.9
12:45:01 PM	No	64.3	68.2	67.6	58.8
12:45:11 PM	No	55.6	61.9	59.1	52.6
12:45:21 PM	No	65.4	69.9	69.5	53.9

12:45:31 PM No	63.3	65	64.7	61.1
12:45:41 PM No	59.4	61.2	60.8	57.7
12:45:51 PM No	58	62.7	59.3	56.5
12:46:01 PM No	69.8	72.2	71.6	65.5
12:46:11 PM No	70.7	72.3	72	68
12:46:21 PM No	69.4	73.6	72.6	65.5
12:46:31 PM No	64.7	71.2	68.6	59
12:46:41 PM No	57	59	57.9	55.7
12:46:51 PM No	57.9	61.8	59.7	56
12:47:01 PM No	58.4	61.4	60.7	56.1
12:47:11 PM No	70.7	75.2	74.6	63.1
12:47:21 PM No	62.4	66.9	64.7	59.1
12:47:31 PM No	65.4	67.4	66.6	63.6
12:47:41 PM No	60.3	62.6	61.8	58.7
12:47:51 PM No	56.6	58.5	57.7	55.7
12:48:01 PM No	56.2	57	56.8	55.8
12:48:11 PM No	61	65.4	63.8	57.1
12:48:21 PM No	71.2	74.6	74.1	64.1
12:48:31 PM No	69.8	72.1	71.1	67.8
12:48:41 PM No	67.2	69.4	68.8	66.4
12:48:51 PM No	71.2	74.9	74.5	64.1
12:49:01 PM No	63.4	64.3	64.1	62.6
12:49:11 PM No	66.8	74.6	70.9	60.6
12:49:21 PM No	68.5	76.3	73.8	60.4
12:49:31 PM No	67.6	69.4	68.9	64.8
12:49:41 PM No	69.5	70.9	70.7	68.1
12:49:51 PM No	67.8	71.7	71.1	63.9
12:50:01 PM No	61	63.1	62.7	59.6
12:50:11 PM No	60.8	62.8	61.9	59.8
12:50:21 PM No	60.3	62	61.3	59.5
12:50:31 PM No	62.9	65.4	65.2	60.8
12:50:41 PM No	71.3	76.2	75.5	61.9
12:50:51 PM No	72	74.1	73.6	68.1
12:51:01 PM No	65.6	69.7	69.3	60.6
12:51:11 PM No	65.5	69.1	68.3	58.5
12:51:21 PM No	68	73.9	72.9	58.4
12:51:31 PM No	71.4	73.4	72.6	70.1
12:51:41 PM No	70.6	73.9	73.2	67.1
12:51:51 PM No	70	75.1	73.9	62.8
12:52:01 PM No	64.3	67.2	66.9	58.5
12:52:11 PM No	69.4	74.2	73.1	60.9
12:52:21 PM No	61	63.5	63.2	58.3
12:52:31 PM No	63.9	70.7	68.5	58.5
12:52:41 PM No	75.1	76.6	76.3	73.2
12:52:51 PM No	72.1	74.6	73.9	68.6



12:53:01 PM No	64.9	68.1	66.1	63.9
12:53:11 PM No	62.5	65.8	65.2	59.8
12:53:21 PM No	56.5	60.9	59.7	54.2
12:53:31 PM No	57.2	59.9	59.5	54.9

**68.1**

Time	Overload	Leq	Lmax	L10	L90
11:45:58 PM No		64.3	67.2	67	62.1
11:46:08 PM No		64.1	67	66.6	59.5
11:46:18 PM No		62.4	66	65.4	59.8
11:46:28 PM No		64.2	69.1	68.9	56.1
11:46:38 PM No		66	70.3	69.9	55
11:46:48 PM No		--	87	83.3	52.8
11:46:58 PM No		--	90.8	88.9	60
11:47:08 PM No		--	66.1	64.8	51.5
11:47:18 PM No		61.7	66.8	66.3	53
11:47:28 PM No		54.1	58	57.1	51.7
11:47:38 PM No		61.9	65.1	64.8	57.3
11:47:48 PM No		53.5	56.3	55.2	52
11:47:58 PM No		50.5	51.9	51.3	49.5
11:48:08 PM No		48.5	49.5	49.2	47.2
11:48:18 PM No		57.2	64.3	62.9	48.5
11:48:28 PM No		62.5	67.4	67	52.8
11:48:38 PM No		51.3	53.6	52.7	50.1
11:48:48 PM No		65.7	69.6	69.4	55.5
11:48:58 PM No		59.2	64.9	62.7	55.3
11:49:08 PM No		63	65.8	65.4	58.5
11:49:18 PM No		60.4	64.7	64.5	53.5
11:49:28 PM No		60.4	67.4	65	53.6
11:49:38 PM No		66.6	68.7	68.3	64.5
11:49:48 PM No		55.6	61.9	59.2	49.7
11:49:58 PM No		47.8	49.2	48.6	47.2
11:50:08 PM No		47.7	48.5	48.3	47.2
11:50:18 PM No		47.7	50.6	48.9	46.9
11:50:28 PM No		61.5	65.4	65.1	52.4
11:50:38 PM No		52.9	58.1	56.1	48.6
11:50:48 PM No		53.4	59.1	56.8	48.5
11:50:58 PM No		66.5	69.8	69.5	62.5
11:51:08 PM No		56.7	62.2	60.4	52.1
11:51:18 PM No		57.6	63.1	61.5	53.2
11:51:28 PM No		61.3	63.3	63	60.1
11:51:38 PM No		55.9	62	58.3	52.8
11:51:48 PM No		62.3	64.8	64.6	59.1
11:51:58 PM No		64.5	67	66.6	61.8
11:52:08 PM No		64	67.4	67.2	55.2

11:52:18 PM No	50.4	53.4	51.7	48.9
11:52:28 PM No	54.4	57.3	56	50.1
11:52:38 PM No	57	60.2	59.9	53.9
11:52:48 PM No	59.5	62.7	62.5	56.2
11:52:58 PM No	61.7	63.6	63.3	59.4
11:53:08 PM No	56.4	58.4	57.5	55.5
11:53:18 PM No	54.5	58.1	57.7	47
11:53:28 PM No	46.4	47.3	47.2	45.3
11:53:38 PM No	49.1	51.8	51.1	45.8
11:53:48 PM No	57.9	62.3	61.5	53.6
11:53:58 PM No	60.2	66.6	63.7	53.3
11:54:08 PM No	60.1	63.4	62.1	55.1
11:54:18 PM No	67.2	70.7	70.3	56.2
11:54:28 PM No	68.1	70.4	69.2	67.1
11:54:38 PM No	67.2	71.3	70.8	58.6
11:54:48 PM No	52.1	57.2	55.5	49.3
11:54:58 PM No	58.8	61.9	61.7	52.1
11:55:08 PM No	58.2	61.8	61	54.7
11:55:18 PM No	58	60.9	59.3	56.9
11:55:28 PM No	67	70.5	70.4	62.3
11:55:38 PM No	58.5	64.8	62.6	48.9
11:55:48 PM No	48.4	50.4	49.7	47.2
11:55:58 PM No	62.8	69.8	67.8	51.3
11:56:08 PM No	69.7	72	71.6	63.8
11:56:18 PM No	62.5	66	65.5	60.1
11:56:28 PM No	57.9	63.4	62.1	51.2
11:56:38 PM No	52.1	56.2	54.9	49.9
11:56:48 PM No	60.3	63.3	62.8	57
11:56:58 PM No	--	77.1	76.7	61.2
11:57:08 PM No	68.2	72	71.1	58.3
11:57:18 PM No	54.1	57.3	56.4	52.5
11:57:28 PM No	58.8	62.4	61.2	55.9
11:57:38 PM No	64.6	67.6	67	62.5
11:57:48 PM No	69.5	73.9	73.1	63.3
11:57:58 PM No	55.1	61.6	59.5	48.6
11:58:08 PM No	49.5	53.1	51.8	47.2
11:58:18 PM No	61.3	66	65.5	54.6
11:58:28 PM No	60.1	63.2	62.3	57.5
11:58:38 PM No	56.6	59.7	58.6	55.3
11:58:48 PM No	64	68	67.2	57.9
11:58:58 PM No	68.4	70.9	70.4	65.7
11:59:08 PM No	58.5	65.8	63.3	49.3
11:59:18 PM No	49	51.7	50.4	47.2
11:59:28 PM No	48.4	49.5	49.1	47.6
11:59:38 PM No	46.4	47.3	47	45.3

11:59:48 PM No	51.5	57.3	55.2	45.3
11:59:58 PM No	68.3	72.5	72	58.8
12:00:08 AM No	61	63.7	63.5	54.9
12:00:18 AM No	56.3	60.1	58.7	54.6
12:00:28 AM No	62.9	65.9	65.5	58.7
12:00:38 AM No	54.9	57.7	56.2	54.1
12:00:48 AM No	60	66.5	62.6	56.3

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**61.9**

Location: R13  
Date: 7/7/2020

Time	Overload	Leq	Lmax	L10	L90
11:15:06 AM	No	56.1	58.4	57.5	55.3
11:15:16 AM	No	57.5	58.6	58.1	56.7
11:15:26 AM	No	67.2	74	73	57.5
11:15:36 AM	No	60.9	69	65	56.4
11:15:46 AM	No	58.5	60.3	60.1	56.3
11:15:56 AM	No	61.6	62.6	62.5	60.3
11:16:06 AM	No	59	60.6	60	57.9
11:16:16 AM	No	60.8	64.6	63.3	58.6
11:16:26 AM	No	62.5	64.6	64.2	61
11:16:36 AM	No	57.9	61.1	60	54.8
11:16:46 AM	No	55.6	57.5	57.3	53.9
11:16:56 AM	No	54.3	56.9	55.5	53.3
11:17:06 AM	No	55.5	56.1	55.7	55.3
11:17:16 AM	No	56.3	56.8	56.7	56.1
11:17:26 AM	No	56.6	57.4	57.3	56.1
11:17:36 AM	No	57.9	59.2	58.9	57.1
11:17:46 AM	No	62.9	65.7	65.2	59.8
11:17:56 AM	No	70.6	73.6	73	64.1
11:18:06 AM	No	72.5	75.1	74.6	68.4
11:18:16 AM	No	61.5	66.2	64.4	58.3
11:18:26 AM	No	58.5	59.2	59.1	56.9
11:18:36 AM	No	56.1	57.7	57.1	55.3
11:18:46 AM	No	56.4	57.8	57.4	55.7
11:18:56 AM	No	56.9	58	57.7	56.2
11:19:06 AM	No	58.4	60.8	60.5	56.1
11:19:16 AM	No	55.9	57.6	56.9	55.3
11:19:26 AM	No	59.5	62.1	61.7	55.3
11:19:36 AM	No	58.1	60.4	60	56.9
11:19:46 AM	No	59.3	62	60.4	58.1
11:19:56 AM	No	57.7	59.8	59.5	55.9
11:20:06 AM	No	58.9	63.6	61	56.2
11:20:16 AM	No	64.6	69.5	68.5	56.5
11:20:26 AM	No	58.8	60.9	60.7	56.7
11:20:36 AM	No	56.9	60.3	58.5	55.9
11:20:46 AM	No	55.6	56.7	56.3	55.1
11:20:56 AM	No	58.2	61.2	60.4	56.3
11:21:06 AM	No	56	56.3	56.1	55.7
11:21:16 AM	No	56.4	58.3	57.7	55.7
11:21:26 AM	No	56.5	58.8	58.6	54.3
11:21:36 AM	No	53.9	54.4	54.2	53.5
11:21:46 AM	No	54.1	56	55.3	53.4

11:21:56 AM No	57.7	59.5	59	55.3
11:22:06 AM No	59.4	60.9	60.6	57.3
11:22:16 AM No	58.7	60.4	60.2	56.8
11:22:26 AM No	59.1	60.3	60	58.1
11:22:36 AM No	57.6	59.8	59.1	56.8
11:22:46 AM No	56.2	56.8	56.5	55.9
11:22:56 AM No	56.1	57.5	56.8	55.5
11:23:06 AM No	66.2	70.3	69.4	58.1
11:23:16 AM No	67.7	70.3	69.3	65.6
11:23:26 AM No	66.6	68.7	67.6	65.6
11:23:36 AM No	63.9	65.4	65.1	61.8
11:23:46 AM No	62	62.9	62.5	61.3
11:23:56 AM No	61.7	63	62.7	60.3
11:24:06 AM No	60.9	63.5	62.7	58.7
11:24:16 AM No	57.6	59.1	58.8	56.7
11:24:26 AM No	57.3	58.6	58.4	56.5
11:24:36 AM No	55.6	57.3	56.8	54.7
11:24:46 AM No	56.6	58.8	58	55.5
11:24:56 AM No	60.8	62	61.8	60
11:25:06 AM No	60.9	62.1	61.7	59.6
11:25:16 AM No	57.3	59.1	58.6	56.4
11:25:26 AM No	56.9	57.9	57.6	56.3
11:25:36 AM No	58.2	59	58.8	56.8
11:25:46 AM No	56	56.7	56.5	55.7
11:25:56 AM No	55.3	56	55.7	55
11:26:06 AM No	54.8	55.5	55.1	54.6
11:26:16 AM No	55	55.7	55.5	54.7
11:26:26 AM No	61.6	63.9	63.6	57.3
11:26:36 AM No	59.5	61.1	60.2	58.7
11:26:46 AM No	55.7	57.9	56.7	53.9
11:26:56 AM No	54.6	55.6	55.1	53.7
11:27:06 AM No	55.2	55.7	55.5	55
11:27:16 AM No	54.6	55	54.9	54.4
11:27:26 AM No	55.5	56.7	56.3	55.1
11:27:36 AM No	57.9	59.3	59	56.8
11:27:46 AM No	59.2	60.2	60	57.6
11:27:56 AM No	59.5	62	60.7	58.6
11:28:06 AM No	64.3	67.4	66.8	62.7
11:28:16 AM No	--	77.5	75	66.7
11:28:26 AM No	--	89.2	88.3	77.1
11:28:36 AM No	--	80.2	77.6	68.9
11:28:46 AM No	63.6	68.6	67.4	59.8
11:28:56 AM No	57.8	59.4	58.7	56.9
11:29:06 AM No	58.7	61	59.9	57.3
11:29:16 AM No	58.1	59.4	58.9	56.9

11:29:26 AM No	59.8	61	60.5	59.3
11:29:36 AM No	61.5	64	63.6	59.1
11:29:46 AM No	60.4	62.9	61.5	59.4
11:29:56 AM No	56.3	58.6	57.7	54.2

**61.1**

Time	Overload	Leq	Lmax	L10	L90
11:28:52 PM No		46.6	47.7	47.3	45.9
11:29:02 PM No		45.8	47.3	46.6	45.5
11:29:12 PM No		46.4	47.1	46.9	45.8
11:29:22 PM No		46.1	47.6	46.6	45.6
11:29:32 PM No		50.2	52.9	52.4	47.3
11:29:42 PM No		52	53.7	53.3	49.5
11:29:52 PM No		47.9	49.5	49	47.3
11:30:02 PM No		47.1	49.4	47.6	46.7
11:30:12 PM No		47.2	48.8	48.1	46.3
11:30:22 PM No		48.9	51.1	50.8	47
11:30:32 PM No		51.7	54.2	52.6	50
11:30:42 PM No		56	59.1	58.9	52.4
11:30:52 PM No		53	56.9	55.8	47.4
11:31:02 PM No		47.1	49.1	48	46.4
11:31:12 PM No		45.9	46.7	46.5	45.4
11:31:22 PM No		44.8	45.3	45	44.6
11:31:32 PM No		45.5	46.5	45.9	45.1
11:31:42 PM No		45.7	46.8	46.5	45
11:31:52 PM No		47	48.2	48	46.1
11:32:02 PM No		46.5	47.5	46.9	46.3
11:32:12 PM No		51.4	54.1	53.9	47.5
11:32:22 PM No		50.5	52.9	52.7	47.2
11:32:32 PM No		50.7	56	54.5	46.1
11:32:42 PM No		53.9	58	57.4	48.8
11:32:52 PM No		50.2	53.5	53.3	46.8
11:33:02 PM No		45.4	46.3	46.1	44.8
11:33:12 PM No		44.8	45.5	45.2	44.6
11:33:22 PM No		45	45.3	45.2	44.9
11:33:32 PM No		55.1	61.4	59.7	45.3
11:33:42 PM No		59.1	61.5	61.1	55.6
11:33:52 PM No		51.9	55.8	55.1	49.1
11:34:02 PM No		51	54.7	52.9	49.2
11:34:12 PM No		48.2	50.5	50	46.8
11:34:22 PM No		49.4	51.9	50.7	47.6
11:34:32 PM No		59.3	63.1	62.6	53.7
11:34:42 PM No		58.4	60.7	60.5	56.9
11:34:52 PM No		55.4	58.4	58.1	50.8
11:35:02 PM No		51.2	52.6	52.4	48.3

11:35:12 PM No	49	50.4	50	47.8
11:35:22 PM No	47.4	48.9	48.2	47
11:35:32 PM No	47.2	47.7	47.6	46.9
11:35:42 PM No	53.2	59.6	57	47.2
11:35:52 PM No	59.8	61.5	61.2	57
11:36:02 PM No	51.6	55.7	54.2	48.5
11:36:12 PM No	48.2	49.9	48.4	47.7
11:36:22 PM No	48.2	49.2	48.6	47.9
11:36:32 PM No	51.7	56.5	54.8	48.8
11:36:42 PM No	56	58.2	57.7	52.7
11:36:52 PM No	50	52	51.3	49
11:37:02 PM No	54.7	56.5	56.2	52.9
11:37:12 PM No	52.1	54.5	53.5	50.4
11:37:22 PM No	57.6	58.6	58.5	56.1
11:37:32 PM No	51.7	56	54.9	48.4
11:37:42 PM No	47.8	48.3	48	47.7
11:37:52 PM No	47.4	48.4	48	47.1
11:38:02 PM No	47.5	47.8	47.7	47.3
11:38:12 PM No	47.7	48.5	48.1	47.4
11:38:22 PM No	48.4	52.2	50	47.6
11:38:32 PM No	56.2	58.2	58	52.9
11:38:42 PM No	55.8	57	56.6	54.3
11:38:52 PM No	56	58.7	58.5	52.4
11:39:02 PM No	52.3	56.4	55.9	48.3
11:39:12 PM No	51.3	56.4	54.4	48.6
11:39:22 PM No	55.6	58.2	57.8	52.1
11:39:32 PM No	48.8	51	50.2	47.6
11:39:42 PM No	47.6	48	47.8	47.5
11:39:52 PM No	48.8	50.4	49.7	48.1
11:40:02 PM No	53	55.5	54.8	50.3
11:40:12 PM No	53.1	55	54.9	50.6
11:40:22 PM No	55.9	58.1	57.7	51.3
11:40:32 PM No	52.9	57.1	56	50.4
11:40:42 PM No	49.5	50.4	50.2	48.8
11:40:52 PM No	52.8	55.9	55.6	49.8
11:41:02 PM No	53.3	55.8	55.3	51.3
11:41:12 PM No	51	52.9	52.5	49.2
11:41:22 PM No	48.2	48.8	48.4	47.8
11:41:32 PM No	47.4	48.1	47.8	47.2
11:41:42 PM No	51.5	58.7	55.8	47.3
11:41:52 PM No	48.2	50.8	49.1	47.6
11:42:02 PM No	50.7	53.5	52.1	48.5
11:42:12 PM No	58.5	60.1	59.6	55.5
11:42:22 PM No	56.7	60.1	59.5	50.4
11:42:32 PM No	46.5	49.2	47.9	45.7

11:42:42 PM No	46.1	46.5	46.3	45.9
11:42:52 PM No	45.9	46.4	46.1	45.7
11:43:02 PM No	50.3	56.3	53.8	46.1
11:43:12 PM No	47.7	50.6	50.2	45.9
11:43:22 PM No	47.9	49.2	48.6	46.8
11:43:32 PM No	50.7	53.7	53.3	46.9
11:43:42 PM No	47.1	48.1	47.8	46.5

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**52.4**



Location: R14  
 Date: 2/14/2022

Time	Overload	Leq	Lmax	L10	L90
10:00:05 AM	No	56.7	57.6	57.4	56
10:00:15 AM	No	57.2	59.3	58.9	55.2
10:00:25 AM	No	54.4	55.1	54.9	53.8
10:00:35 AM	No	55	56.2	55.6	54.5
10:00:45 AM	No	56.8	60.3	59.8	54.4
10:00:55 AM	No	54.9	57	55.7	53.8
10:01:05 AM	No	54.2	55.9	55.6	53.1
10:01:15 AM	No	55.4	57.4	57.2	53.6
10:01:25 AM	No	57.6	58.9	58.6	56.7
10:01:35 AM	No	58.6	60.7	60	57.5
10:01:45 AM	No	57.8	60.4	59.1	56.8
10:01:55 AM	No	55.9	58.3	57.8	53.3
10:02:05 AM	No	53.3	54.3	54	52.7
10:02:15 AM	No	53.6	55.5	55.1	52.5
10:02:25 AM	No	56.1	58.3	57.1	54.4
10:02:35 AM	No	58.5	60.3	59.6	57.3
10:02:45 AM	No	58.2	59.1	58.9	57
10:02:55 AM	No	57	60.3	60	54.7
10:03:05 AM	No	68.2	75.4	74.5	54.3
10:03:15 AM	No	63.3	71.9	68.5	54.7
10:03:25 AM	No	55.1	57.9	56.8	53.7
10:03:35 AM	No	61.1	74.5	62.8	54.6
10:03:45 AM	No	73.4	80.5	79.5	57.5
10:03:55 AM	No	60.9	65.6	64.6	56.2
10:04:05 AM	No	64.4	70.9	69	59.3
10:04:15 AM	No	57.4	59.4	58.4	56.4
10:04:25 AM	No	58.3	60.6	60.2	56.6
10:04:35 AM	No	56.8	58.1	57.8	55.6
10:04:45 AM	No	58.8	60.8	59.9	56.8
10:04:55 AM	No	56.4	58.1	57.1	55.6
10:05:05 AM	No	54.9	55.9	55.7	54.3
10:05:15 AM	No	56.6	59.5	58.8	54.5
10:05:25 AM	No	59.7	60.8	60.5	58.9
10:05:35 AM	No	58.7	61.1	60.6	56.7
10:05:45 AM	No	55.6	59	58.3	52.4
10:05:55 AM	No	51.9	52.3	52.2	51.7
10:06:05 AM	No	52	53.6	53.2	51.6
10:06:15 AM	No	52.5	53.6	53.4	51.9
10:06:25 AM	No	52.8	53.4	53.3	52.4
10:06:35 AM	No	59.1	62.8	62.2	54.5
10:06:45 AM	No	56.5	60.7	58.1	55.6

10:06:55 AM No	61	66.8	65.7	54.5
10:07:05 AM No	64.3	68.2	66.9	61.6
10:07:15 AM No	62.3	64	63.4	61.4
10:07:25 AM No	60.6	62.7	62.2	59.6
10:07:35 AM No	56.7	59.6	58.7	54.9
10:07:45 AM No	56.9	63.9	60.6	53.1
10:07:55 AM No	57.3	60.1	59.6	54.4
10:08:05 AM No	54.2	56.9	55.9	53.3
10:08:15 AM No	53.1	58.4	53.8	52.4
10:08:25 AM No	61	66.7	64.7	55.6
10:08:35 AM No	59	66	62.1	53.9
10:08:45 AM No	60.6	66.7	65.4	53.3
10:08:55 AM No	55.6	62.8	59.1	52.8
10:09:05 AM No	52.6	54.3	53.5	52.1
10:09:15 AM No	55	58.6	58.1	52.7
10:09:25 AM No	56.3	60.1	59.4	53.2
10:09:35 AM No	54.2	60.5	54.6	51.8
10:09:45 AM No	53.4	58.6	55.5	52
10:09:55 AM No	52.6	57.6	53.5	51.4
10:10:05 AM No	58.6	63.9	62.6	52.7
10:10:15 AM No	62.6	66.6	65.5	59.5
10:10:25 AM No	57.8	62.2	60.5	52.8
10:10:35 AM No	56.9	63.3	61.5	52.3
10:10:45 AM No	57.7	62.8	60.9	54.8
10:10:55 AM No	54.1	54.6	54.4	53.8
10:11:05 AM No	53.5	54.4	54	53
10:11:15 AM No	52.9	54.5	53.5	52.5
10:11:25 AM No	52.3	52.9	52.6	51.7
10:11:35 AM No	51.7	54.9	53.7	50.8
10:11:45 AM No	52.6	53.4	53.1	52.3
10:11:55 AM No	56.2	60.1	59.6	53.3
10:12:05 AM No	54.4	55.6	54.8	53.9
10:12:15 AM No	65.7	77.5	67.8	54.8
10:12:25 AM No	69.9	77.9	75.9	56.8
10:12:35 AM No	57	58.8	58.1	56
10:12:45 AM No	56.5	61.2	58.5	54.7
10:12:55 AM No	65.7	69	68.1	61.8
10:13:05 AM No	71.1	77.4	73.3	67.9
10:13:15 AM No	69.9	77.5	75.3	58
10:13:25 AM No	55.8	58.1	57.1	54.1
10:13:35 AM No	54.1	54.9	54.4	53.6
10:13:45 AM No	53.8	55.4	54.9	53.2
10:13:55 AM No	56.2	59.1	58.8	54.8
10:14:05 AM No	65.7	68.8	68.5	60.1
10:14:15 AM No	66.5	69.4	69.1	63.3

10:14:25 AM No	59.4	62.8	61.9	54.9
10:14:35 AM No	55.4	57.1	56.2	54.2
10:14:45 AM No	54.3	55.2	54.7	54
10:14:55 AM No	55.2	60.7	56.4	53.6

**61.4**

Time	Overload	Leq	Lmax	L10	L90
10:00:03 PM No		60.6	63.6	63.2	56.6
10:00:13 PM No		--	77.7	76.3	60.4
10:00:23 PM No		59.4	62.3	61.5	57.6
10:00:33 PM No		56.6	57.2	57	56.3
10:00:43 PM No		56.1	56.7	56.4	55.8
10:00:53 PM No		57.3	58.9	58.4	56.5
10:01:03 PM No		56.9	57.2	57.1	56.8
10:01:13 PM No		57.3	58	57.9	56.7
10:01:23 PM No		60.5	63.9	62.6	57.5
10:01:33 PM No		60.8	62	61.5	60.1
10:01:43 PM No		61.9	63.6	63.3	60.5
10:01:53 PM No		--	81.4	80.1	64.2
10:02:03 PM No		66.7	70.9	70.2	61.3
10:02:13 PM No		58	59.2	58.4	57.6
10:02:23 PM No		58.4	60.4	59.4	57.5
10:02:33 PM No		58.3	60.3	59.7	57.4
10:02:43 PM No		57.5	58.6	58.1	57.1
10:02:53 PM No		58	59	58.5	57.5
10:03:03 PM No		57.6	58.3	58.1	57.2
10:03:13 PM No		60.7	63	62.3	56.8
10:03:23 PM No		58.7	61.6	60.3	57.2
10:03:33 PM No		64.2	67.2	66.9	57.2
10:03:43 PM No		60.7	66.9	64.5	57
10:03:53 PM No		56.9	57.4	57.2	56.6
10:04:03 PM No		57.6	58.1	57.9	57.1
10:04:13 PM No		57.7	58.2	58.1	57.2
10:04:23 PM No		57.9	58.4	58.1	57.7
10:04:33 PM No		58.4	59.2	59	57.9
10:04:43 PM No		64.8	67.5	66.9	59.8
10:04:53 PM No		59.4	63	60.9	58.5
10:05:03 PM No		62.1	64.5	63.9	58.8
10:05:13 PM No		57.5	58.3	57.8	57.2
10:05:23 PM No		57.1	57.5	57.4	56.7
10:05:33 PM No		56.7	57.7	57.4	56.2
10:05:43 PM No		56.7	57.1	57	56.4
10:05:53 PM No		55.9	57.3	56.9	55.4
10:06:03 PM No		55.9	56.8	56.3	55.4
10:06:13 PM No		56.8	58.2	57.9	56

10:06:23 PM No	55.8	56.6	56.4	55.4
10:06:33 PM No	55.4	55.7	55.6	55.2
10:06:43 PM No	55.4	56	55.8	55
10:06:53 PM No	55	55.4	55.3	54.8
10:07:03 PM No	59.5	62	61.6	55.3
10:07:13 PM No	58.2	60.3	59.3	57.4
10:07:23 PM No	56.2	57.4	56.9	55.8
10:07:33 PM No	55.1	55.9	55.6	54.3
10:07:43 PM No	54.8	55.4	55.2	54.2
10:07:53 PM No	55.3	57.1	56.7	53.7
10:08:03 PM No	53.5	54.2	54	53.1
10:08:13 PM No	54.2	55.1	54.7	53.6
10:08:23 PM No	55	55.9	55.3	54.4
10:08:33 PM No	55.5	56.1	55.9	55.2
10:08:43 PM No	55.2	55.5	55.4	55.1
10:08:53 PM No	62.9	74.9	65.5	55.1
10:09:03 PM No	--		76	57.3
10:09:13 PM No	55.9	57	56.7	55.4
10:09:23 PM No	55.9	56.9	56.5	55.2
10:09:33 PM No	55.6	56.3	56.1	55.2
10:09:43 PM No	55.4	56.6	56.4	54.4
10:09:53 PM No	55.4	56	55.7	55.1
10:10:03 PM No	56.3	57	56.8	55.9
10:10:13 PM No	56.2	57	56.7	55.6
10:10:23 PM No	55.8	57	56.6	55.2
10:10:33 PM No	56.4	57.2	56.8	56
10:10:43 PM No	56.8	57.4	57.3	56.4
10:10:53 PM No	58	60.3	60	56.6
10:11:03 PM No	56.3	56.9	56.6	56
10:11:13 PM No	56.4	57.8	57.4	55.9
10:11:23 PM No	64.8	69.2	68.3	60
10:11:33 PM No	59.5	60.5	60.2	58.7
10:11:43 PM No	57.8	58.6	58.2	57.5
10:11:53 PM No	62.5	66.9	66.2	58.3
10:12:03 PM No	57.8	59.3	58.8	57.2
10:12:13 PM No	59.1	63.4	60.8	58.1
10:12:23 PM No	61.5	65	64.2	59.3
10:12:33 PM No	58.4	59.3	59.1	57.8
10:12:43 PM No	57.5	58.3	58.1	57
10:12:53 PM No	56.6	57.4	57.2	56.2
10:13:03 PM No	56.1	56.7	56.4	55.8
10:13:13 PM No	58.9	63.2	62.7	55.6
10:13:23 PM No	60.3	62.6	62.2	57.9
10:13:33 PM No	56.7	57.7	57.3	56.4
10:13:43 PM No	56.6	57.1	57	56.3

10:13:53 PM No	57.1	57.6	57.4	56.8
10:14:03 PM No	58.2	64.3	58.2	57.2
10:14:13 PM No	60.6	64.4	63	57.4
10:14:23 PM No	56.5	57.2	56.9	56.1
10:14:33 PM No	56.4	57.2	56.9	55.8
10:14:43 PM No	58.2	60.9	60.5	56
10:14:53 PM No	56.7	58.3	57.4	56.3

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**58.8**

# **Construction Noise & Vibration Calculations**

**Project: District NoHo**  
On-Site Construction Summary Tables

**WITHOUT MITIGATION MEASURES**

Block 0 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		700	63.7	68.3	64.0	65.0	62.1	67.1	1.2	Yes
R2		870	61.9	66.5	62.2	63.1	61.6	66.6	-0.1	No
R3		545	65.8	70.3	66.0	67.1	64.6	69.6	0.7	Yes
R4		1680	46.3	51.1	46.8	47.5	60.4	65.4	-14.3	No
R5		250	72.1	76.1	71.8	73.6	68.3	73.3	2.8	Yes
R6		465	57.1	61.5	57.2	58.4	54.6	59.6	1.9	Yes
R7		65	82.6	85.0	80.2	84.6	67.2	72.2	12.8	Yes
R8		435	67.7	72.0	67.7	69.0	62.9	67.9	4.1	Yes
R9		505	66.4	70.8	66.6	67.7	58.3	63.3	7.5	Yes
R10		560	65.6	70.0	65.7	66.9	57.0	62.0	8.0	Yes
R11		490	66.7	71.1	66.8	68.0	58.2	63.2	7.9	Yes
R12		750	53.2	57.7	53.4	54.4	68.1	73.1	-15.4	No
R13		1360	58.1	62.9	58.6	59.3	67.0	72.0	-9.1	No
R14		730	58.4	62.9	58.6	59.6	61.4	66.4	-3.5	No

Block 1 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		285	71.2	74.5	73.3	73.4	62.1	67.1	7.4	Yes
R2		660	64.3	68.0	66.7	66.9	61.6	66.6	1.4	Yes
R3		600	65.1	68.8	67.5	67.7	64.6	69.6	-0.8	No
R4		1370	58.2	62.0	60.6	61.0	60.4	65.4	-3.4	No
R5		95	79.7	81.9	81.2	81.1	68.3	73.3	8.6	Yes
R6		760	53.1	56.9	55.5	55.8	54.6	59.6	-2.7	No
R7		665	64.2	67.9	66.6	66.9	67.2	72.2	-4.3	No
R8		1065	55.3	59.1	57.7	58.1	62.9	67.9	-8.8	No
R9		830	62.4	66.2	64.8	65.1	58.3	63.3	2.9	Yes
R10		920	61.5	65.3	64.0	64.2	57.0	62.0	3.3	Yes
R11		895	56.8	60.5	59.2	59.5	58.2	63.2	-2.7	No
R12		1020	60.7	64.5	63.1	63.4	68.1	73.1	-8.6	No
R13		1230	49.1	52.9	51.5	51.9	67.0	72.0	-19.1	No
R14		1300	53.6	57.5	56.1	56.4	61.4	66.4	-8.9	No

Block 2 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		75	81.5	83.1	82.5	82.5	62.1	67.1	16.0	Yes
R2		345	69.6	72.8	71.7	71.8	61.6	66.6	6.2	Yes
R3		490	66.8	70.1	68.9	69.1	64.6	69.6	0.5	Yes
R4		1050	60.4	64.0	62.7	63.0	60.4	65.4	-1.4	No
R5		440	67.6	71.0	69.7	70.0	68.3	73.3	-2.3	No
R6		1130	49.8	53.4	52.0	52.4	54.6	59.6	-6.2	No
R7		925	61.5	65.0	63.7	64.1	67.2	72.2	-7.2	No
R8		1320	58.5	62.1	60.7	61.2	62.9	67.9	-5.8	No
R9		865	57.1	60.6	59.3	59.6	58.3	63.3	-2.7	No
R10		990	60.9	64.5	63.1	63.5	57.0	62.0	2.5	Yes
R11		1070	55.3	58.8	57.5	57.9	58.2	63.2	-4.4	No
R12		1040	50.5	54.1	52.7	53.1	68.1	73.1	-19.0	No
R13		930	51.4	55.0	53.7	54.0	67.0	72.0	-17.0	No
R14		1575	52.0	55.6	54.3	54.7	61.4	66.4	-10.8	No

Block 3 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		120	77.9	80.4	79.6	79.5	62.1	67.1	13.3	Yes
R2		90	80.1	82.2	81.5	81.5	61.6	66.6	15.6	Yes
R3		485	66.8	70.5	69.2	69.3	64.6	69.6	0.9	Yes
R4		770	57.9	61.8	60.4	60.7	60.4	65.4	-3.6	No
R5		775	62.9	66.8	65.4	65.6	68.3	73.3	-6.5	No
R6		1460	47.5	51.6	50.1	50.4	54.6	59.6	-8.0	No
R7		4240	48.4	52.6	51.0	51.4	67.2	72.2	-19.6	No
R8		1630	56.6	60.7	59.2	59.5	62.9	67.9	-7.2	No
R9		970	51.0	55.0	53.5	53.8	58.3	63.3	-8.3	No
R10		1140	54.6	58.6	57.2	57.5	57.0	62.0	-3.4	No
R11		1290	53.6	57.6	56.1	56.5	58.2	63.2	-5.6	No
R12		1050	50.3	54.3	52.9	53.2	68.1	73.1	-18.8	No
R13		680	54.0	57.8	56.4	56.7	67.0	72.0	-14.2	No
R14		1895	50.3	54.4	52.9	53.3	61.4	66.4	-12.0	No

Block 4 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		380	68.8	72.2	71.1	70.0	62.1	67.1	5.1	Yes
R2		65	82.6	84.2	83.6	80.8	61.6	66.6	17.6	Yes
R3		100	79.3	81.6	80.8	78.5	64.6	69.6	12.0	Yes
R4		860	47.1	50.8	49.5	48.7	60.4	65.4	-14.6	No
R5		770	63.0	66.7	65.4	64.6	68.3	73.3	-6.6	No
R6		1470	47.6	51.4	50.0	49.4	54.6	59.6	-8.2	No
R7		1190	59.4	63.1	61.8	61.1	67.2	72.2	-9.1	No
R8		1550	57.1	60.9	59.6	59.0	62.9	67.9	-7.0	No
R9		660	54.3	57.9	56.7	55.8	58.3	63.3	-5.4	No
R10		850	52.2	55.9	54.6	53.8	57.0	62.0	-6.1	No
R11		1070	50.3	54.0	52.7	52.0	58.2	63.2	-9.2	No
R12		690	53.9	57.6	56.3	55.5	68.1	73.1	-15.5	No
R13		600	60.1	63.7	62.5	61.5	67.0	72.0	-8.3	No
R14		1850	55.6	59.5	58.1	57.5	61.4	66.4	-6.9	No

Block 5 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		350	69.5	73.8	74.0	73.2	62.1	67.1	6.9	Yes
R2		325	70.1	74.4	74.6	73.8	61.6	66.6	8.0	Yes
R3		130	77.3	80.9	81.3	80.1	64.6	69.6	11.7	Yes
R4		1100	45.0	49.7	49.7	49.2	60.4	65.4	-15.7	No
R5		430	67.8	72.2	72.4	71.7	68.3	73.3	-0.9	No
R6		1120	49.9	54.5	54.5	54.0	54.6	59.6	-5.1	No
R7		760	63.1	67.7	67.7	67.2	67.2	72.2	-4.5	No
R8		1130	59.8	64.4	64.5	64.0	62.9	67.9	-3.4	No

R9	500	61.6	66.0	66.2	65.5
R10	620	59.8	64.3	64.4	63.8
R11	750	58.2	62.8	62.9	62.3
R12	670	54.2	58.7	58.8	58.2
R13	870	57.0	61.6	61.6	61.1
R14	1420	52.9	57.5	57.5	57.1

58.3	63.3	2.9	Yes
57.0	62.0	2.4	Yes
58.2	63.2	-0.3	No
68.1	73.1	-14.3	No
67.0	72.0	-10.4	No
61.4	66.4	-8.9	No

Block 6 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes
R1		350	69.5	73.8	74.0	73.2
R2		325	70.1	74.4	74.6	73.8
R3		130	77.3	80.9	81.3	80.1
R4		1100	45.0	49.7	49.7	49.2
R5		430	67.8	72.2	72.4	71.7
R6		1120	49.9	54.5	54.5	54.0
R7		760	63.1	67.7	67.7	67.2
R8		1130	59.8	64.4	64.5	64.0
R9		500	61.6	66.0	66.2	65.5
R10		620	59.8	64.3	64.4	63.8
R11		750	58.2	62.8	62.9	62.3
R12		670	54.2	58.7	58.8	58.2
R13		870	57.0	61.6	61.6	61.1
R14		1420	52.9	57.5	57.5	57.1

Ambient	Significance Threshold	Max above Threshold	Impacts
62.1	67.1	6.9	Yes
61.6	66.6	8.0	Yes
64.6	69.6	11.7	Yes
60.4	65.4	-15.7	No
68.3	73.3	-0.9	No
54.6	59.6	-5.1	No
67.2	72.2	-4.5	No
62.9	67.9	-3.4	No
58.3	63.3	2.9	Yes
57.0	62.0	2.4	Yes
58.2	63.2	-0.3	No
68.1	73.1	-14.3	No
67.0	72.0	-10.4	No
61.4	66.4	-8.9	No

Block 7 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes
R1		870	62.0	65.6	64.2	64.6
R2		1220	59.2	62.8	61.4	61.8
R3		1010	60.7	64.4	63.0	63.4
R4		1950	45.2	48.9	47.5	47.9
R5		180	74.8	77.6	76.6	76.5
R6		340	59.7	63.0	61.8	61.9
R7		205	73.8	76.7	75.6	75.6
R8		580	55.4	58.9	57.5	57.8
R9		890	61.8	65.4	64.0	64.4
R10		880	56.9	60.5	59.1	59.5
R11		760	58.1	61.7	60.3	60.7
R12		1180	49.4	53.1	51.7	52.1
R13		1760	46.0	49.8	48.3	48.8
R14		765	58.1	61.7	60.3	60.6

Ambient	Significance Threshold	Max above Threshold	Impacts
62.1	67.1	-1.5	No
61.6	66.6	-3.8	No
64.6	69.6	-5.2	No
60.4	65.4	-16.5	No
68.3	73.3	4.3	Yes
54.6	59.6	3.4	Yes
67.2	72.2	4.5	Yes
62.9	67.9	-9.0	No
58.3	63.3	2.1	Yes
57.0	62.0	-1.5	No
58.2	63.2	-1.5	No
68.1	73.1	-20.0	No
67.0	72.0	-22.2	No
61.4	66.4	-4.7	No

Block 8 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes
R1		870	62.7	66.5	67.3	64.8
R2		855	62.8	66.7	67.5	64.9
R3		415	58.7	62.4	63.3	60.6
R4		1600	42.6	46.5	47.2	44.7
R5		575	66.1	69.9	70.7	68.1
R6		1020	51.3	55.2	56.0	53.5
R7		570	61.2	65.0	65.8	63.2
R8		880	57.6	61.4	62.2	59.7
R9		60	83.5	85.7	87.2	84.3
R10		135	77.4	80.6	81.8	78.8
R11		300	71.3	74.9	75.9	73.1
R12		310	61.0	64.7	65.6	62.8
R13		1270	49.5	53.4	54.1	51.7
R14		1210	54.9	58.8	59.5	57.1

Ambient	Significance Threshold	Max above Threshold	Impacts
62.1	67.1	0.2	Yes
61.6	66.6	0.9	Yes
64.6	69.6	-6.3	No
60.4	65.4	-18.2	No
68.3	73.3	-2.6	No
54.6	59.6	-3.6	No
67.2	72.2	-6.4	No
62.9	67.9	-5.7	No
58.3	63.3	23.9	Yes
57.0	62.0	19.8	Yes
58.2	63.2	12.7	Yes
68.1	73.1	-7.5	No
67.0	72.0	-17.9	No
61.4	66.4	-6.9	No

West Lot Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes
R1		1210	61.5	62.1	61.0	61.3
R2		1500	59.6	60.3	59.3	59.5
R3		1230	61.3	61.9	60.9	61.1
R4		2260	41.1	41.9	40.8	41.0
R5		520	68.5	68.8	67.9	68.1
R6		340	67.0	67.0	66.2	66.5
R7		40	88.9	85.4	85.5	86.9
R8		235	74.9	74.7	74.0	74.3
R9		965	58.4	58.9	57.9	58.1
R10		870	54.2	54.8	53.8	54.0
R11		650	56.7	57.1	56.1	56.4
R12		1270	51.0	51.7	50.6	50.8
R13		2040	47.0	47.7	46.7	46.9
R14		50	87.1	84.2	84.2	85.3

Ambient	Significance Threshold	Max above Threshold	Impacts
62.1	67.1	-5.0	No
61.6	66.6	-6.3	No
64.6	69.6	-7.7	No
60.4	65.4	-23.5	No
68.3	73.3	-4.5	No
54.6	59.6	7.4	Yes
67.2	72.2	16.7	Yes
62.9	67.9	7.0	Yes
58.3	63.3	-4.4	No
57.0	62.0	-7.2	No
58.2	63.2	-6.1	No
68.1	73.1	-21.4	No
67.0	72.0	-24.3	No
61.4	66.4	20.7	Yes

East Lot Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes
R1		715	0.0	54.9	52.4	0.0
R2		215	0.0	64.1	62.1	0.0
R3		325	0.0	71.1	68.8	0.0
R4		600	0.0	61.3	58.8	0.0
R5		1120	0.0	61.3	58.6	0.0
R6		1810	0.0	47.2	44.5	0.0
R7		1500	0.0	58.8	56.1	0.0
R8		1850	0.0	57.1	54.3	0.0
R9		900	0.0	53.1	50.4	0.0
R10		1110	0.0	51.3	48.7	0.0
R11		1340	0.0	49.8	47.1	0.0
R12		845	0.0	53.6	51.0	0.0
R13		10	0.0	93.0	92.6	0.0
R14		2165	0.0	50.7	48.0	0.0

Ambient	Significance Threshold	Max above Threshold	Impacts
62.1	67.1	-12.2	No
61.6	66.6	-2.5	No
64.6	69.6	1.5	Yes
60.4	65.4	-4.1	No
68.3	73.3	-12.0	No
54.6	59.6	-12.4	No
67.2	72.2	-13.4	No
62.9	67.9	-10.8	No
58.3	63.3	-10.2	No
57.0	62.0	-10.7	No
58.2	63.2	-13.4	No
68.1	73.1	-19.5	No
67.0	72.0	21.0	Yes
61.4	66.4	-15.7	No



OVERLAPPING CONSTRUCTIONS

Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	2022					2023	2023	2024	Ambient	Significance Threshold	Max above Threshold	Impacts
			East Lot Grading; West Lot Demolition	Block 0 Grading; West Lot Structure;	Block 7 Grading; West Lot Structure; Block 8 Demo	Block 0 Structure; Block 7 Grading; Block 8 Grading;	Block 7 Finishes; Block 8 Structure; Block 5/6 Grading			Block 8 Finishes; Block 5/6 Structure;				
R1			62.4	69.0	71.3	70.3	75.1	74.5			62.1	67.1	8.0	Yes
R2			65.4	67.3	69.6	69.2	75.4	75.0			61.6	66.6	8.8	Yes
R3			71.5	70.8	71.9	69.3	81.1	81.3			64.6	69.6	11.7	Yes
R4			61.3	51.5	53.7	52.3	50.9	50.9			60.4	65.4	-4.1	No
R5			69.3	76.7	80.4	79.2	78.6	73.8			68.3	73.3	7.1	Yes
R6			67.0	67.5	68.9	64.6	63.5	57.0			54.6	59.6	9.3	Yes
R7			88.9	88.3	88.6	81.9	76.6	69.0			67.2	72.2	16.7	Yes
R8			75.0	76.1	76.3	69.1	67.0	65.7			62.9	67.9	8.4	Yes
R9			59.5	71.0	83.8	85.8	87.3	84.4			58.3	63.3	24.0	Yes
R10			56.0	70.1	78.2	80.8	81.9	79.0			57.0	62.0	19.9	Yes
R11			57.5	71.2	74.5	75.7	76.2	73.5			58.2	63.2	13.0	Yes
R12			55.5	58.5	63.4	65.3	66.6	64.3			68.1	73.1	-6.5	No
R13			93.0	63.0	63.4	60.2	62.5	62.0			67.0	72.0	21.0	Yes
R14			87.1	84.2	84.3	64.7	64.2	60.3			61.4	66.4	20.7	Yes

Concrete Mat Pour

Rec.	Block 1	Block 2	Block 3	Block 4	Block 5/6	Block 7	Block 8	West Lot	Ambient	Threshold	Exceedance	
R1	73.3	82.5	79.6	71.1	74.0	64.2	67.3	61.0	57.3	62.3	20.2	82.5
R2	66.7	71.7	81.5	83.6	74.6	61.4	67.5	59.3	56.4	61.4	22.2	83.6
R3	67.5	68.9	69.2	80.8	81.3	63.0	63.3	60.9	57.8	62.8	18.5	81.3
R4	60.6	62.7	60.4	49.5	49.7	47.5	47.2	40.8	50.2	55.2	7.5	62.7
R5	81.2	69.7	65.4	65.4	72.4	76.6	70.7	67.9	63.6	68.6	12.6	81.2
R6	55.5	52.0	50.1	50.0	54.5	61.8	56.0	66.2	54.4	59.4	6.8	66.2
R7	66.6	63.7	51.0	61.8	67.7	75.6	65.8	85.5	63.0	68.0	17.5	85.5
R8	57.7	60.7	59.2	59.6	64.5	57.5	62.2	74.0	60.5	65.5	8.5	74.0
R9	64.8	59.3	53.5	56.7	66.2	64.0	87.2	57.9	54.4	59.4	27.8	87.2
R10	64.0	63.1	57.2	54.6	64.4	59.1	81.8	53.8	49.0	54.0	27.8	81.8
R11	59.2	57.5	56.1	52.7	62.9	60.3	75.9	56.1	57.7	62.7	13.2	75.9
R12	63.1	52.7	52.9	56.3	58.8	51.7	65.6	50.6	61.9	66.9	-1.3	65.6
R13	51.5	53.7	56.4	62.5	61.6	48.3	54.1	46.7	52.4	57.4	5.1	62.5
R14	56.1	54.3	52.9	58.1	57.5	60.3	59.5	84.2	58.8	63.8	20.4	84.2

WITH MITIGATION MEASURES

Block 0

Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Noise Reduction	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-5	58.7	63.3	59.0	60.0	62.1	67.1	-3.8	No
R2		-5	56.9	61.5	57.2	58.1	61.6	66.6	-5.1	No
R3		-5	60.8	65.3	61.0	62.1	64.6	69.6	-4.3	No
R4		0	46.3	51.1	46.8	47.5	60.4	65.4	-14.3	No
R5		-5	67.1	71.1	66.8	68.6	68.3	73.3	-2.2	No
R6		-7	50.1	54.5	50.2	51.4	54.6	59.6	-5.1	No
R7		-13	69.6	72.0	67.2	71.6	67.2	72.2	-0.2	No
R8		-8	59.7	64.0	59.7	61.0	62.9	67.9	-3.9	No
R9		-9	57.4	61.8	57.6	58.7	58.3	63.3	-1.5	No
R10		-9	56.6	61.0	56.7	57.9	57.0	62.0	-1.0	No
R11		-9	57.7	62.1	57.8	59.0	58.2	63.2	-1.1	No
R12		0	53.2	57.7	53.4	54.4	68.1	73.1	-15.4	No
R13		0	58.1	62.9	58.6	59.3	67.0	72.0	-9.1	No
R14		0	58.4	62.9	58.6	59.6	61.4	66.4	-3.5	No

Block 1

Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-8	63.2	66.5	65.3	65.4	62.1	67.1	-0.6	No
R2		-5	59.3	63.0	61.7	61.9	61.6	66.6	-3.6	No
R3		0	65.1	68.8	67.5	67.7	64.6	69.6	-0.8	No
R4		0	58.2	62.0	60.6	61.0	60.4	65.4	-3.4	No
R5		-9	70.7	72.9	72.2	72.1	68.3	73.3	-0.4	No
R6		0	53.1	56.9	55.5	55.8	54.6	59.6	-2.7	No
R7		0	64.2	67.9	66.6	66.9	67.2	72.2	-4.3	No
R8		0	55.3	59.1	57.7	58.1	62.9	67.9	-8.8	No
R9		-5	57.4	61.2	59.8	60.1	58.3	63.3	-2.1	No
R10		-5	56.5	60.3	59.0	59.2	57.0	62.0	-1.7	No
R11		0	56.8	60.5	59.2	59.5	58.2	63.2	-2.7	No
R12		0	60.7	64.5	63.1	63.4	68.1	73.1	-8.6	No
R13		0	49.1	52.9	51.5	51.9	67.0	72.0	-19.1	No
R14		0	53.6	57.5	56.1	56.4	61.4	66.4	-8.9	No

Block 2

Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-15	66.5	68.1	67.5	67.5	62.1	67.1	1.0	Yes
R2		-7	62.6	65.8	64.7	64.8	61.6	66.6	-0.8	No
R3		-5	61.8	65.1	63.9	64.1	64.6	69.6	-4.5	No
R4		0	60.4	64.0	62.7	63.0	60.4	65.4	-1.4	No
R5		0	67.6	71.0	69.7	70.0	68.3	73.3	-2.3	No
R6		0	49.8	53.4	52.0	52.4	54.6	59.6	-6.2	No
R7		0	61.5	65.0	63.7	64.1	67.2	72.2	-7.2	No
R8		0	58.5	62.1	60.7	61.2	62.9	67.9	-5.8	No
R9		0	57.1	60.6	59.3	59.6	58.3	63.3	-2.7	No
R10		-5	55.9	59.5	58.1	58.5	57.0	62.0	-2.5	No
R11		0	55.3	58.8	57.5	57.9	58.2	63.2	-4.4	No
R12		0	50.5	54.1	52.7	53.1	68.1	73.1	-19.0	No
R13		0	51.4	55.0	53.7	54.0	67.0	72.0	-17.0	No
R14		0	52.0	55.6	54.3	54.7	61.4	66.4	-10.8	No

Block 3

Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc.	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-15	62.9	65.4	64.6	64.5	62.1	67.1	-1.7	No

R2	-15	65.1	67.2	66.5	66.5	61.6	66.6	0.6	Yes
R3	-5	61.8	65.5	64.2	64.3	64.6	69.6	-4.1	No
R4	0	57.9	61.8	60.4	60.7	60.4	65.4	-3.6	No
R5	0	62.9	66.8	65.4	65.6	68.3	73.3	-6.5	No
R6	0	47.5	51.6	50.1	50.4	54.6	59.6	-8.0	No
R7	0	48.4	52.6	51.0	51.4	67.2	72.2	-19.6	No
R8	0	56.6	60.7	59.2	59.5	62.9	67.9	-7.2	No
R9	0	51.0	55.0	53.5	53.8	58.3	63.3	-8.3	No
R10	0	54.6	58.6	57.2	57.5	57.0	62.0	-3.4	No
R11	0	53.6	57.6	56.1	56.5	58.2	63.2	-5.6	No
R12	0	50.3	54.3	52.9	53.2	68.1	73.1	-18.8	No
R13	0	54.0	57.8	56.4	56.7	67.0	72.0	-14.2	No
R14	0	50.3	54.4	52.9	53.3	61.4	66.4	-12.0	No

Block 4 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-6	62.8	66.2	65.1	64.0	62.1	67.1	-0.9	No
R2		-15	67.6	69.2	68.6	65.8	61.6	66.6	2.6	Yes
R3		-13	66.3	68.6	67.8	65.5	64.6	69.6	-1.0	No
R4		0	47.1	50.8	49.5	48.7	60.4	65.4	-14.6	No
R5		0	63.0	66.7	65.4	64.6	68.3	73.3	-6.6	No
R6		0	47.6	51.4	50.0	49.4	54.6	59.6	-8.2	No
R7		0	59.4	63.1	61.8	61.1	67.2	72.2	-9.1	No
R8		0	57.1	60.9	59.6	59.0	62.9	67.9	-7.0	No
R9		0	54.3	57.9	56.7	55.8	58.3	63.3	-5.4	No
R10		0	52.2	55.9	54.6	53.8	57.0	62.0	-6.1	No
R11		0	50.3	54.0	52.7	52.0	58.2	63.2	-9.2	No
R12		0	53.9	57.6	56.3	55.5	68.1	73.1	-15.5	No
R13		0	60.1	63.7	62.5	61.5	67.0	72.0	-8.3	No
R14		0	55.6	59.5	58.1	57.5	61.4	66.4	-6.9	No

Block 5 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-8	61.5	65.8	66.0	65.2	62.1	67.1	-1.1	No
R2		-9	61.1	65.4	65.6	64.8	61.6	66.6	-1.0	No
R3		-12	65.3	68.9	69.3	68.1	64.6	69.6	-0.3	No
R4		0	45.0	49.7	49.7	49.2	60.4	65.4	-15.7	No
R5		0	67.8	72.2	72.4	71.7	68.3	73.3	-0.9	No
R6		0	49.9	54.5	54.5	54.0	54.6	59.6	-5.1	No
R7		0	63.1	67.7	67.7	67.2	67.2	72.2	-4.5	No
R8		0	59.8	64.4	64.5	64.0	62.9	67.9	-3.4	No
R9		-5	56.6	61.0	61.2	60.5	58.3	63.3	-2.1	No
R10		-5	54.8	59.3	59.4	58.8	57.0	62.0	-2.6	No
R11		-5	53.2	57.8	57.9	57.3	58.2	63.2	-5.3	No
R12		0	54.2	58.7	58.8	58.2	68.1	73.1	-14.3	No
R13		0	57.0	61.6	61.6	61.1	67.0	72.0	-10.4	No
R14		0	52.9	57.5	57.5	57.1	61.4	66.4	-8.9	No

Block 6 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-8	61.5	65.8	66.0	65.2	62.1	67.1	-1.1	No
R2		-9	61.1	65.4	65.6	64.8	61.6	66.6	-1.0	No
R3		-12	65.3	68.9	69.3	68.1	64.6	69.6	-0.3	No
R4		0	45.0	49.7	49.7	49.2	60.4	65.4	-15.7	No
R5		0	67.8	72.2	72.4	71.7	68.3	73.3	-0.9	No
R6		0	49.9	54.5	54.5	54.0	54.6	59.6	-5.1	No
R7		0	63.1	67.7	67.7	67.2	67.2	72.2	-4.5	No
R8		0	59.8	64.4	64.5	64.0	62.9	67.9	-3.4	No
R9		-5	56.6	61.0	61.2	60.5	58.3	63.3	-2.1	No
R10		-5	54.8	59.3	59.4	58.8	57.0	62.0	-2.6	No
R11		-5	53.2	57.8	57.9	57.3	58.2	63.2	-5.3	No
R12		0	54.2	58.7	58.8	58.2	68.1	73.1	-14.3	No
R13		0	57.0	61.6	61.6	61.1	67.0	72.0	-10.4	No
R14		0	52.9	57.5	57.5	57.1	61.4	66.4	-8.9	No

Block 7 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		0	62.0	65.6	64.2	64.6	62.1	67.1	-1.5	No
R2		0	59.2	62.8	61.4	61.8	61.6	66.6	-3.8	No
R3		0	60.7	64.4	63.0	63.4	64.6	69.6	-5.2	No
R4		0	45.2	48.9	47.5	47.9	60.4	65.4	-16.5	No
R5		-10	64.8	67.6	66.6	66.5	68.3	73.3	-5.7	No
R6		-9	50.7	54.0	52.8	52.9	54.6	59.6	-5.6	No
R7		-5	68.8	71.7	70.6	70.6	67.2	72.2	-0.5	No
R8		0	55.4	58.9	57.5	57.8	62.9	67.9	-9.0	No
R9		-5	56.8	60.4	59.0	59.4	58.3	63.3	-2.9	No
R10		0	56.9	60.5	59.1	59.5	57.0	62.0	-1.5	No
R11		0	58.1	61.7	60.3	60.7	58.2	63.2	-1.5	No
R12		0	49.4	53.1	51.7	52.1	68.1	73.1	-20.0	No
R13		0	46.0	49.8	48.3	48.8	67.0	72.0	-22.2	No
R14		0	58.1	61.7	60.3	60.6	61.4	66.4	-4.7	No

Block 8 Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		-5	57.7	61.5	62.3	59.8	62.1	67.1	-4.8	No
R2		-5	57.8	61.7	62.5	59.9	61.6	66.6	-4.1	No
R3		0	58.7	62.4	63.3	60.6	64.6	69.6	-6.3	No
R4		0	42.6	46.5	47.2	44.7	60.4	65.4	-18.2	No
R5		0	66.1	69.9	70.7	68.1	68.3	73.3	-2.6	No
R6		0	51.3	55.2	56.0	53.5	54.6	59.6	-3.6	No
R7		0	61.2	65.0	63.2	63.2	67.2	72.2	-6.4	No
R8		0	57.6	61.4	62.2	59.7	62.9	67.9	-5.7	No
R9		-15	68.5	70.7	72.2	69.3	58.3	63.3	8.9	Yes
R10		-15	62.4	65.6	66.8	63.8	57.0	62.0	4.8	Yes
R11		-13	58.3	61.9	62.9	60.1	58.2	63.2	-0.3	No
R12		0	61.0	64.7	65.6	62.8	68.1	73.1	-7.5	No
R13		0	49.5	53.4	54.1	51.7	67.0	72.0	-17.9	No
R14		0	54.9	58.8	59.5	57.1	61.4	66.4	-6.9	No

West Lot Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		0	61.5	62.1	61.0	61.3	62.1	67.1	-5.0	No
R2		0	59.6	60.3	59.3	59.5	61.6	66.6	-6.3	No
R3		0	61.3	61.9	60.9	61.1	64.6	69.6	-7.7	No
R4		0	41.1	41.9	40.8	41.0	60.4	65.4	-23.5	No
R5		0	68.5	68.8	67.9	68.1	68.3	73.3	-4.5	No
R6		-13	54.0	54.0	53.2	53.5	54.6	59.6	-5.6	No
R7		-15	73.9	70.4	70.5	71.9	67.2	72.2	1.7	Yes
R8		-11	63.9	63.7	63.0	63.3	62.9	67.9	-4.0	No
R9		0	58.4	58.9	57.9	58.1	58.3	63.3	-4.4	No
R10		0	54.2	54.8	53.8	54.0	57.0	62.0	-7.2	No
R11		0	56.7	57.1	56.1	56.4	58.2	63.2	-6.1	No
R12		0	51.0	51.7	50.6	50.8	68.1	73.1	-21.4	No
R13		0	47.0	47.7	46.7	46.9	67.0	72.0	-24.3	No
R14		-15	72.1	69.2	69.2	70.3	61.4	66.4	5.7	Yes

East Lot Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	Demolition	Grading & Exc	Structure	Finishes	Ambient	Significance Threshold	Max above Threshold	Impacts
R1		0	0.0	54.9	52.4	0.0	62.1	67.1	-12.2	No
R2		0	0.0	64.1	62.1	0.0	61.6	66.6	-2.5	No
R3		-5	-5.0	66.1	63.8	-5.0	64.6	69.6	-3.5	No
R4		0	0.0	61.3	58.8	0.0	60.4	65.4	-4.1	No
R5		0	0.0	61.3	58.6	0.0	68.3	73.3	-12.0	No
R6		0	0.0	47.2	44.5	0.0	54.6	59.6	-12.4	No
R7		0	0.0	58.8	56.1	0.0	67.2	72.2	-13.4	No
R8		0	0.0	57.1	54.3	0.0	62.9	67.9	-10.8	No
R9		0	0.0	53.1	50.4	0.0	58.3	63.3	-10.2	No
R10		0	0.0	51.3	48.7	0.0	57.0	62.0	-10.7	No
R11		0	0.0	49.8	47.1	0.0	58.2	63.2	-13.4	No
R12		0	0.0	53.6	51.0	0.0	68.1	73.1	-19.5	No
R13		-15	-15.0	78.0	77.6	-15.0	67.0	72.0	6.0	Yes
R14		0	0.0	50.7	48.0	0.0	61.4	66.4	-15.7	No

OVERLAPPING CONSTRUCTIONS Estimated Construction Noise Levels, dBA Leq

Rec.	Description	Closest Distance	2022								Ambient	Significance Threshold	Max above Threshold	Impacts			
			2022		2022		2023		2023						2024		
			East Lot Grading;	Block 0 Grading;	West Lot Structure;	Block 0 Grading;	Block 0 Structure;	Block 7 Grading;	Block 7 Finishes;	Block 8 Structure;					Block 8 Structure;	Block 5/6 Structure;	Block 5/6 Structure;
			West Lot Demolition	West Lot Structure;	Block 8 Demo	Block 7 Grading;	Block 8 Grading;	Block 5/6 Grading	Block 5/6 Grading	Block 5/6 Grading					Block 5/6 Grading	Block 5/6 Grading	
R1			62.4	65.3	68.8	67.7	69.2	66.9	62.1	67.1	2.1	Yes					
R2			65.4	63.5	66.8	65.9	68.3	66.6	61.6	66.6	1.7	Yes					
R3			67.3	66.6	69.1	67.6	70.8	69.8	64.6	69.6	1.2	Yes					
R4			61.3	51.5	53.7	52.3	53.2	50.9	60.4	65.4	-4.1	No					
R5			69.3	72.8	74.6	73.1	75.2	73.8	68.3	73.3	1.9	Yes					
R6			54.8	56.9	59.4	58.4	59.4	57.0	54.6	59.6	-0.2	No					
R7			74.0	74.3	76.4	73.7	73.3	69.0	67.2	72.2	4.2	Yes					
R8			64.7	66.5	67.7	64.9	67.0	65.7	62.9	67.9	-0.2	No					
R9			59.5	63.3	70.1	71.3	72.7	69.9	58.3	63.3	9.4	Yes					
R10			56.0	61.8	66.4	67.2	68.1	65.1	57.0	62.0	6.1	Yes					
R11			57.5	63.1	66.2	65.6	65.7	62.1	58.2	63.2	3.0	Yes					
R12			55.5	58.5	63.4	65.3	66.6	64.3	68.1	73.1	-6.5	No					
R13			78.0	63.0	63.4	60.2	62.5	62.0	67.0	72.0	6.0	Yes					
R14			72.1	70.1	70.8	64.7	64.2	60.3	61.4	66.4	5.7	Yes					

**Project: District NoHo**

**Off-Site Haul Trucks - Summary Tables**

INDIVIDUAL AREA	Maximum Number of Truck One Way Trips (delivery/haul)				Worker Trips		Truck/ Worker	Truck/ Worker	Chandler				Fair	Coffax Ave	Vineland	Lankershim	Chandler East	Fair	Cumpston	Tujunga	W Magnolia	Riverside Dr.
	Per Hour (8- hr day)		Trips during Pk Hr.	Per Day	Per Hour	Option A																
	Per Day					Project / Project + Ambient	West															
								Ambient ----> Threshold ---->	68.3	68.3	62.1	64.6	61.6	67.2	68.3	68.3	64.6	61.6	62.1	67.2	68.3	67.2
									73.3	73.3	67.1	69.6	66.6	72.2	73.3	73.3	69.6	66.6	67.1	72.2	73.3	72.2
Block 0	Demo	32	4	50	20	32/50	4/20		58.1/68.7	58.1/68.7					58.8/68.8	58.1/68.7	58.1/65.5					
	Grading	100	17	70	28	100/70	17/28		63.8/69.6	63.8/69.6					64.5/69.8	63.8/69.6	63.8/67.2					
	Structure	100	13	100	40	100/100	13/40		62.9/69.4	62.9/69.4					63.6/69.6	62.9/69.4	62.9/66.8					
	Finishes	28	4	80	32	28/80	4/32		58.6/68.7	58.6/68.7					59.2/68.8	58.6/68.7	58.6/65.6					
Block 1								Noise Exceedance ---->	0.0	0.0					0.0	0.0	0.0					
	Demo	38	5	40	16	38/40	5/16		58.8/68.8	58.8/68.8	59.4/64			59.4/68.8	58.8/68.8	58.8/65.6	60/63.9	59.4/64				
	Grading	240	40	80	32	240/80	40/32		67.4/70.9	67.4/70.9	68/69			68/71.2	67.4/70.9	67.4/69.2	68.6/69.4	68/69				
	Mat/Large Pour	800	100	600	240	800/600	100/240		71.7/73.3	71.7/73.3	72.3/72.7			72.3/73.8	71.7/73.3	71.7/72.5	72.9/73.2	72.3/72.7				
	Structure	100	13	600	240	100/600	13/240		65/70	65/70	65.6/67.2			65.6/70.2	65/70	65/67.8	66.2/67.5	65.6/67.2				
	Finishes	32	4	460	184	32/460	4/184		62.1/69.2	62.1/69.2	62.7/65.4			62.7/69.4	62.1/69.2	62.1/66.5	63.3/65.5	62.7/65.4				
Block 2								Noise Exceedance ---->	0.0	0.0	5.6			0.5	0	2.9	6.6	5.6				
	Demo	32	4	30	12	32/30	4/12		57.8/68.7	57.8/68.7	58.4/63.6			58.4/68.7	57.8/68.7	57.8/65.4	59/63.5	58.4/63.6				
	Grading	240	40	70	28	240/70	40/28		67.4/70.9	67.4/70.9	68/69			68/71.2	67.4/70.9	67.4/69.2	68.6/69.4	68/69				
	Mat/Large Pour	800	100	550	220	800/550	100/220		71.6/73.3	71.6/73.3	72.3/72.7			72.3/73.8	71.6/73.3	71.6/72.4	72.8/73.1	72.3/72.7				
	Structure	100	13	550	220	100/550	13/220		64.8/69.9	64.8/69.9	65.4/67.1			65.4/70.1	64.8/69.9	64.8/67.7	66/67.3	65.4/67.1				
	Finishes	28	4	420	168	28/420	4/168		61.9/69.2	61.9/69.2	62.4/65.3			62.4/69.3	61.9/69.2	61.9/66.5	63/65.4	62.4/65.3				
Block 3								Noise Exceedance ---->	0.0	0.0	5.6			0.5	0	2.8	6.5	5.6				
	Demo	16	2	50	20	16/50	2/20		55.8/68.5	55.8/68.5		55.8/65.1	57/62.9	56.5/68.6	55.8/68.5	55.8/65.1	57/62.9					
	Grading	180	30	70	28	180/70	30/28		66.2/70.4	66.2/70.4		66.2/68.5	67.4/68.4	66.8/70.6	66.2/70.4	66.2/68.5	67.4/68.4					
	Mat/Large Pour	400	50	100	40	400/100	50/40		68.4/71.4	68.4/71.4		68.4/69.9	69.6/70.2	69/71.7	68.4/71.4	68.4/69.9	69.6/70.2					
	Structure	100	13	100	40	100/100	13/40		62.9/69.4	62.9/69.4		62.9/66.8	64.1/66	63.6/69.6	62.9/69.4	62.9/66.8	64.1/66					
	Finishes	2	1	80	32	2/80	1/32		55.1/68.5	55.1/68.5		55.1/65.1	56.3/62.7	55.7/68.5	55.1/68.5	55.1/65.1	56.3/62.7					
Block 4								Noise Exceedance ---->	0.0	0.0	0.3	3.6		0.0	0.0	0.3	3.6					
	Demo	38	5	40	16	38/40	5/16		58.8/68.8	58.8/68.8		58.8/65.6	60/63.9	59.4/68.8	58.8/68.8	58.8/65.6	60/63.9					
	Grading	180	30	80	32	180/80	30/32		66.2/70.4	66.2/70.4		66.2/68.5	67.4/68.4	66.8/70.6	66.2/70.4	66.2/68.5	67.4/68.4					
	Mat/Large Pour	400	50	600	240	400/600	50/240		69.1/71.7	69.1/71.7		69.1/70.4	70.2/70.8	69.7/72.1	69.1/71.7	69.1/70.4	70.2/70.8					
	Structure	100	13	600	240	100/600	13/240		62.8/69.4	62.8/69.4		62.8/66.8	66.2/67.5	65.6/70.2	62.8/69.4	62.8/66.8	66.2/67.5					
	Finishes	32	4	460	184	32/460	4/184		62.1/69.2	62.1/69.2		62.1/66.5	63.3/65.5	62.7/69.4	62.1/69.2	62.1/66.5	63.3/65.5					
Block 5/6								Noise Exceedance ---->	0.0	0.0	0.8	4.2		0.0	0.0	0.8	4.2					
	Demo	46	6	40	16	46/40	6/16		67.4/70.9	67.4/70.9				68/71.2	67.4/70.9	67.4/69.2						
	Grading	240	40	100	40	240/100	40/40		67.4/70.9	67.4/70.9				68.1/71.2	67.4/70.9	67.4/69.2						
	Mat/Large Pour	800	100	710	284	800/710	100/284		71.7/73.3	71.7/73.3				72.4/73.8	71.7/73.3	71.7/72.5						
	Structure	100	13	710	284	100/710	13/284		65.3/70.1	65.3/70.1				65.3/70.3	65.3/70.1	65.3/68						
	Finishes	40	5	520	208	40/520	5/208		62.8/69.4	62.8/69.4				63.4/69.5	62.8/69.4	62.8/66.8						
Block 7								Noise Exceedance ---->	0.0	0.0				0.5	0	2.9						
	Demo	32	4	30	12	32/30	4/12		57.8/68.7	58.4/68.7		57.8/65.4	59/67.8		57.8/68.7			58.4/67.7	57.8/68.7	57.8/67.7		
	Grading	180	30	70	28	180/70	30/28		66.2/70.4	66.8/70.6		66.2/68.5	67.4/70.3		66.2/70.4			66.8/70	66.2/70.4	66.2/69.7		
	Mat/Large Pour	400	50	550	220	400/550	50/220		69/71.7	69.6/72		69/70.3	70.2/72		69/71.7			69.6/71.6	69/71.7	69/71.2		
	Structure	100	13	550	220	100/550	13/220		64.8/69.9	65.4/70.1		64.8/67.7	66/69.7		64.8/69.9			65.4/69.4	64.8/69.9	64.8/69.2		
	Finishes	28	4	420	168	28/420	4/168		61.9/69.2	62.4/69.3		61.9/66.5	63/68.6		61.9/69.2			62.4/68.4	61.9/69.2	61.9/68.3		
Block 8								Noise Exceedance ---->	0.0	0.0	0.7	0.0		0.0	0.0			0.0	0.0	0.0		
	Demo	10	2	40	16	10/40	2/16		55.6/68.5	55.6/68.5				56.2/68.6	55.6/68.5				55.6/68.5			
	Grading	240	40	80	32	240/80	40/32		67.4/70.9	67.4/70.9				68/71.2	67.4/70.9				67.4/70.9			
	Mat/Large Pour	800	100	300	120	800/300	100/120		71.4/73.1	71.4/73.1				72.1/73.6	71.4/73.1				71.4/73.1			
	Structure	100	13	300	120	100/300	13/120		63.9/69.6	63.9/69.6				64.5/69.8	63.9/69.6				63.9/69.6			
	Finishes	32	4	400	160	32/400	4/160		61.7/69.2	61.7/69.2				62.3/69.3	61.7/69.2				61.7/69.2			
West Lot								Noise Exceedance ---->	0.0	0.0				0.3	0.0			0.0				
	Demo	12	2	40	16	12/40	2/16		55.6/68.5	56.2/68.6		55.6/65.1	56.8/67.6		55.6/68.5			56.2/67.5	55.6/68.5	55.6/67.5		
	Grading	100	17	60	24	100/60	17/24		63.8/69.6	64.4/69.8		63.8/67.2	65/69.2		63.8/69.6			64.4/69	63.8/69.6	63.8/68.8		
	Mat/Large Pour	400	50	170	68	400/170	50/68		68.5/71.4	69.1/71.7		68.5/70	69.7/71.6		68.5/71.4			69.1/71.3	68.5/71.4	68.5/70.9		
	Structure	100	13	170	68	100/170	13/68		63.3/69.5	63.9/69.6		63.3/67	64.5/69.1		63.3/69.5			63.9/68.9	63.3/69.5	63.3/68.7		
	Finishes	10	2	110	44	10/110	2/44		57.2/68.6	57.8/68.7		57.2/65.3	58.4/67.7		57.2/68.6			57.8/67.7	57.2/68.6	57.2/67.6		
East Lot								Noise Exceedance ---->	0.0	0.0	0.4	0.0		0.0	0.0			0.0	0.0	0.0		
	Grading	100	17	30	12	100/30	17/12		63.7/69.6	63.7/69.6		63.7/67.2		64.3/69.8	63.7/69.6	63.7/67.2						
	Structure	100	13	50	20	100/50	13/20		62.6/69.3	62.6/69.3		62.6/66.7		63.3/69.5	62.6/69.3	62.6/66.7						
								Noise Exceedance ---->	0.0	0.0	0.0	0.0		0.0	0.0	0.0						

**OVERLAPPING**

Overlapping Scenario	Maximum Number of Truck One		Worker Trips				Chandler													
	Way Trips (delivery/haul)						Burbank	Lankershim	Cumpston	West	Fair	Coffax Ave	Vineland	Lankershim	Chandler East	Fair	Cumpston	Tujunga	W Magnolia	Riverside Dr.
	Per Hour (8-hr day)		Workers Per Day		Trips during Pk Hr.		Option A						Option B							
	Per Day	Per Hour (8-hr day)	Day	Pk Hr.	Per Day	Per Hour	Project / Project + Ambient						Project / Project + Ambient							
EL Struc, WL Grad	200	25	110	44	200/110	25/44	66.3/72.5	66.6/72.6	/	66.3/70	/	65/69.2	63.3/69.5	66.3/72.5	66.3/70	/	/	64.4/69	63.8/69.6	63.8/68.8
B0 Grad, WL MP	500	63	240	96	500/240	63/96	69.8/73.6	70.2/73.8	/	68.5/70	/	69.7/71.6	64.5/69.8	69.8/73.6	69.8/71.8	/	/	69.1/71.3	68.5/71.4	68.5/70.9
B0 Str, B7 Str, B8 MP	1000	125	950	380	1000/950	125/380	72.7/75.9	72.8/76	/	64.8/67.7	/	66/69.7	72.7/75.1	72.7/75.9	62.9/66.8	/	/	65.4/69.4	72.3/74.8	64.8/69.2
B7 F, B8 Str, B5/6 G	368	46	820	328	368/820	46/328	69.8/74.7	69.9/74.8	/	61.9/66.5	/	63/68.6	69.7/73.6	69.8/74.7	67.4/69.2	/	/	62.4/68.4	66/72.4	61.9/68.3
B8 F, B 5/6 MP	832	104	1110	444	832/1110	104/444	72.1/74.7	72.1/74.7	/	/	/	/	72.8/75.1	72.1/74.7	71.7/72.5	/	/	/	61.7/69.2	/
Noise Exceedance							2.6	2.7		0.4		0.0	1.8	2.6	2.9			0.0	1.5	0.0

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	700	0
Concrete/Industrial Saws	1	90	20%	700	0
Excavators	1	81	40%	725	0
Forklifts	1	75	20%	725	0
Generator Sets	1	81	50%	750	0
Water Truck	1	76	40%	750	0
Rubber Tired Dozers	1	82	40%	775	0
Tractors/Loaders/Backhoes	1	79	40%	775	0
Trenches	1	80	50%	800	0

9

**Receptor:** ***R1***

**Results:**  
**1-hour Leq: 63.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	700	0
Bore/Drill Rig	2	80	50%	700	0
Cement and Mortar Mixers	1	79	40%	725	0
Concrete/Industrial Saws	2	90	20%	725	0
Excavators	2	81	40%	750	0
Forklifts	1	75	20%	750	0
Generator Sets	1	81	50%	775	0
Water Truck	1	76	40%	775	0
Pavers	1	77	50%	800	0
Paving Equipment	1	85	50%	800	0
Pumps	1	81	50%	800	0
Plate Compactors	1	83	20%	800	0
Rollers	1	80	20%	800	0
Scrapers	1	84	40%	800	0
Signal Boards	2	83	50%	800	0
Surfacing Equipment	1	85	50%	800	0
Trenchers	1	80	50%	800	0
Welders	1	74	40%	800	0

22

**Receptor:** ***R1***

**Results:**  
**1-hour Leq: 68.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	700	0
Aerial Lift	1	75	20%	700	0
Bore/Drill Rig	1	79	20%	725	0
Cement and Mortar Mixers	1	79	40%	725	0
Concrete/Industrial Saws	1	90	20%	750	0
Cranes (Mobile)	2	81	16%	750	0
Forklifts	1	75	20%	775	0
Water Truck	1	76	40%	775	0
Pumps	1	81	50%	800	0
Plate Compactors	1	83	20%	800	0
Signal Boards	1	83	50%	800	0
Tractors/Loaders/Backhoes	1	79	40%	800	0
Welders	1	74	40%	800	0

14

**Receptor: R1**

**Results:**  
**1-hour Leq: 64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	700	0
Concrete/Industrial Saws	2	90	20%	700	0
Cranes (Mobile)	2	81	16%	725	0
Forklifts	1	75	20%	725	0
Water Truck	1	76	40%	750	0
Signal Boards	1	83	50%	750	0
Trenchers	1	80	50%	775	0
Welders	2	74	40%	775	0

**Receptor:** 12  
**R1**

**Results:**  
**1-hour Leq: 65.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	285	0
Concrete/Industrial Saws	1	90	20%	285	0
Excavators	1	81	40%	310	0
Forklifts	1	75	20%	310	0
Generator Sets	1	81	50%	335	0
Water Truck	1	76	40%	335	0
Rough Terrain Forklifts	1	75	20%	360	0
Scrapers	1	84	40%	360	0
Trenchers	1	80	50%	385	0

9

**Receptor:** ***R1***

**Results:**  
**1-hour Leq: 71.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	285	0
Bore/Drill Rig	3	79	20%	285	0
Cement and Mortar Mixers	1	79	40%	310	0
Concrete/Industrial Saws	2	90	20%	310	0
Excavators	2	81	40%	335	0
Forklifts	1	75	20%	335	0
Generator Sets	1	81	50%	360	0
Water Truck	1	76	40%	360	0
Pumps	1	81	50%	385	0
Rough Terrain Forklifts	1	75	20%	385	0
Rubber Tired Dozers	1	82	40%	385	0
Signal Boards	2	83	50%	385	0
Skid Steer Loaders	1	79	40%	385	0
Surfacing Equipment	1	85	50%	385	0
Tractors/Loaders/Backhoes	1	79	40%	385	0
Trenchers	1	80	50%	385	0
Welders	2	74	40%	385	0

23

**Receptor:** ***R1***

**Results:**  
**1-hour Leq: 74.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	285	0
Aerial Lift	4	75	20%	285	0
Cement and Mortar Mixers	1	79	40%	310	0
Concrete/Industrial Saws	2	90	20%	310	0
Cranes (Tower)	1	81	16%	335	0
Cranes (Mobile)	4	81	16%	335	0
Forklifts	4	75	20%	360	0
Generator Sets	1	81	50%	360	0
Pumps	1	81	50%	385	0
Signal Boards	1	83	50%	385	0
Skid Steer Loaders	1	79	40%	385	0
Welders	4	74	40%	385	0

26

**Receptor: R1**

**Results:**  
**1-hour Leq: 73.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	285	0
Concrete/Industrial Saws	1	90	20%	285	0
Cranes (Tower)	1	81	16%	310	0
Cranes (Mobile)	3	81	16%	310	0
Forklifts	2	75	20%	335	0
Generator Sets	1	81	50%	335	0
Water Truck	1	76	40%	360	0
Pavers	1	77	50%	360	0
Paving Equipment	1	85	50%	385	0
Pumps	1	81	50%	385	0
Plate Compactors	1	83	20%	385	0
Rollers	1	80	20%	385	0
Signal Boards	1	83	50%	385	0
Surfacing Equipment	1	85	50%	385	0
Trenchers	1	80	50%	385	0
Welders	2	74	40%	385	0

23

**Receptor: R1**

**Results:**  
**1-hour Leq: 73.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	75	0
Concrete/Industrial Saws	1	90	20%	75	0
Excavators	1	81	40%	100	0
Forklifts	1	75	20%	100	0
Generator Sets	1	81	50%	125	0
Water Truck	1	76	40%	125	0
Rough Terrain Forklifts	1	75	20%	150	0
Scrapers	1	84	40%	150	0
Trenchers	1	80	50%	175	0

9

**Receptor:** ***R1***

**Results:**  
**1-hour Leq: 81.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	75	0
Bore/Drill Rig	2	79	20%	75	0
Cement and Mortar Mixers	1	79	40%	100	0
Concrete/Industrial Saws	2	90	20%	100	0
Excavators	2	81	40%	125	0
Forklifts	1	75	20%	125	0
Generator Sets	1	81	50%	150	0
Water Truck	1	76	40%	150	0
Pumps	1	81	50%	175	0
Rough Terrain Forklifts	1	75	20%	175	0
Rubber Tired Forklifts	1	75	20%	175	0
Signal Boards	2	83	50%	175	0
Skid Steer Loaders	1	79	40%	175	0
Surfacing Equipment	1	85	50%	175	0
Tractors/Loaders/Backhoes	1	79	40%	175	0
Trenchers	1	80	50%	175	0
Welders	2	74	40%	175	0

22

**Receptor: R1**

**Results:**  
**1-hour Leq: 83.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	75	0
Aerial Lift	3	75	20%	75	0
Cement and Mortar Mixers	1	79	40%	100	0
Concrete/Industrial Saws	2	90	20%	100	0
Cranes (Tower)	1	81	16%	125	0
Cranes (Mobile)	3	81	16%	125	0
Forklifts	3	75	20%	150	0
Generator Sets	1	81	50%	150	0
Pumps	1	81	50%	175	0
Signal Boards	1	83	50%	175	0
Skid Steer Loaders	1	79	40%	175	0
Welders	3	74	40%	175	0

22

**Receptor: R1**

**Results:**  
**1-hour Leq: 82.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	75	0
Concrete/Industrial Saws	1	90	20%	75	0
Cranes (Tower)	1	81	16%	100	0
Cranes (Mobile)	2	81	16%	100	0
Forklifts	2	75	20%	125	0
Generator Sets	1	81	50%	125	0
Water Truck	1	76	40%	150	0
Pavers	1	77	50%	150	0
Paving Equipment	1	85	50%	175	0
Pumps	1	81	50%	175	0
Plate Compactors	1	83	20%	175	0
Rollers	1	80	20%	175	0
Signal Boards	1	83	50%	175	0
Surfacing Equipment	1	85	50%	175	0
Trenchers	1	80	50%	175	0
Welders	2	74	40%	175	0

21

**Receptor: R1**

**Results:**  
**1-hour Leq: 82.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	120	0
Concrete/Industrial Saws	1	90	20%	120	0
Excavators	1	81	40%	145	0
Forklifts	1	75	20%	145	0
Generator Sets	1	81	50%	170	0
Water Truck	1	76	40%	170	0
Rubber Tired Dozers	1	82	40%	195	0
Tractors/Loaders/Backhoes	1	79	40%	195	0
Trenchers	1	80	50%	220	0

9

**Receptor:** **R1**

**Results:**  
**1-hour Leq: 77.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	120	0
Bore/Drill Rig	2	79	20%	120	0
Cement and Mortar Mixers	1	79	40%	145	0
Concrete/Industrial Saws	2	90	20%	145	0
Excavators	2	81	40%	170	0
Forklifts	1	75	20%	170	0
Generator Sets	1	81	50%	195	0
Water Truck	1	76	40%	195	0
Pavers	1	77	50%	220	0
Paving Equipment	1	85	50%	220	0
Pumps	1	77	50%	220	0
Plate Compactors	1	83	20%	220	0
Rollers	1	80	20%	220	0
Scrapers	1	84	40%	220	0
Signal Boards	2	83	20%	220	0
Surfacing Equipment	1	85	50%	220	0
Trenchers	1	80	50%	220	0
Welders	1	74	40%	220	0

**Receptor:** <sup>22</sup>  
***R1***

**Results:**  
**1-hour Leq: 80.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	120	0
Aerial Lift	4	75	20%	120	0
Cement and Mortar Mixers	1	79	40%	145	0
Concrete/Industrial Saws	2	90	20%	145	0
Cranes (Tower)	1	81	16%	170	0
Cranes (Mobile)	4	81	16%	170	0
Forklifts	4	75	20%	195	0
Generator Sets	1	81	50%	195	0
Pumps	1	81	50%	220	0
Signal Boards	1	83	50%	220	0
Skid Steer Loaders	1	79	40%	220	0
Welders	4	74	40%	220	0

**Receptor:** <sup>26</sup>  
**R1**

**Results:**  
**1-hour Leq: 79.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	120	0
Concrete/Industrial Saws	1	90	20%	120	0
Cranes (Tower)	1	81	16%	145	0
Cranes (Mobile)	3	81	16%	145	0
Forklifts	2	75	20%	170	0
Generator Sets	1	81	50%	170	0
Water Truck	1	76	40%	195	0
Pavers	1	77	50%	195	0
Paving Equipment	1	85	50%	220	0
Pumps	1	81	50%	220	0
Plate Compactors	1	83	20%	220	0
Rollers	1	80	20%	220	0
Signal Boards	1	83	50%	220	0
Surfacing Equipment	1	85	50%	220	0
Trenchers	1	80	50%	220	0
Welders	2	74	40%	220	0

**Receptor:** <sup>23</sup>  
**R1**

**Results:**  
**1-hour Leq: 79.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	380	0
Concrete/Industrial Saws	1	90	20%	380	0
Excavators	1	81	40%	405	0
Forklifts	1	75	20%	405	0
Generator Sets	1	81	50%	430	0
Water Truck	1	76	40%	430	0
Rough Terrain Forklifts	1	75	20%	455	0
Scrapers	1	84	40%	455	0
Trenchers	1	80	50%	480	0

**Receptor:** <sup>9</sup>  
***R1***

**Results:**  
**1-hour Leq: 68.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	380	0
Bore/Drill Rig	3	79	20%	380	0
Cement and Mortar Mixers	1	79	40%	405	0
Concrete/Industrial Saws	2	90	20%	405	0
Excavators	2	81	40%	430	0
Forklifts	1	75	20%	430	0
Generator Sets	1	81	50%	455	0
Water Truck	1	76	40%	455	0
Pumps	1	81	50%	480	0
Rough Terrain Forklifts	1	76	40%	480	0
Rubber Tired Loaders	1	79	40%	480	0
Signal Boards	2	83	50%	480	0
Skid Steer Loaders	1	79	40%	480	0
Surfacing Equipment	1	85	50%	480	0
Tractors/Loaders/Backhoes	1	79	40%	480	0
Trenchers	1	80	50%	480	0
Welders	2	74	40%	480	0

**Receptor:** <sup>23</sup>  
***R1***

**Results:**  
**1-hour Leq: 72.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	380	0
Aerial Lift	4	75	20%	380	0
Cement and Mortar Mixers	1	79	40%	405	0
Concrete/Industrial Saws	2	90	20%	405	0
Cranes (Tower)	1	81	16%	430	0
Cranes (Mobile)	4	81	16%	430	0
Forklifts	4	75	20%	455	0
Generator Sets	1	81	50%	455	0
Pumps	1	81	50%	480	0
Signal Boards	1	83	50%	480	0
Skid Steer Loaders	1	79	40%	480	0
Welders	4	74	40%	480	0

**Receptor:** <sup>26</sup>  
***R1***

**Results:**  
**1-hour Leq: 71.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	380	0
Concrete/Industrial Saws	1	75	20%	380	0
Cranes (Tower)	1	81	16%	405	0
Cranes (Mobile)	3	81	16%	405	0
Forklifts	2	75	20%	430	0
Generator Sets	1	81	50%	430	0
Water Truck	1	76	40%	455	0
Pavers	1	77	50%	455	0
Paving Equipment	1	85	50%	480	0
Pumps	1	81	50%	480	0
Plate Compactors	1	83	20%	480	0
Rollers	1	80	20%	480	0
Signal Boards	1	83	50%	480	0
Surfacing Equipment	1	85	50%	480	0
Trenchers	1	80	50%	480	0
Welders	2	74	40%	480	0

23  
**Receptor: R1**

**Results:**  
**1-hour Leq: 70.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	350	0
Concrete/Industrial Saws	1	90	20%	350	0
Excavators	1	81	40%	375	0
Forklifts	1	75	20%	375	0
Generator Sets	1	81	50%	400	0
Water Truck	1	76	40%	400	0
Rough Terrain Forklifts	1	75	20%	425	0
Scrapers	1	84	40%	425	0
Trenchers	1	80	50%	450	0

9

**Receptor: R1**

**Results:**  
**1-hour Leq: 69.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	350	0
Bore/Drill Rig	4	79	20%	350	0
Cement and Mortar Mixers	1	79	40%	375	0
Concrete/Industrial Saws	3	90	20%	375	0
Excavators	3	81	40%	400	0
Forklifts	1	75	20%	400	0
Generator Sets	1	81	50%	425	0
Water Truck	1	76	40%	425	0
Pumps	1	81	50%	450	0
Rough Terrain Forklifts	1	75	20%	450	0
Rubber Tired Loaders	1	79	40%	450	0
Signal Boards	2	83	50%	450	0
Skid Steer Loaders	1	79	40%	450	0
Surfacing Equipment	1	85	50%	450	0
Tractors/Loaders/Backhoes	1	79	40%	450	0
Trenchers	1	80	50%	450	0
Welders	3	74	40%	450	0

27  
**Receptor: R1**

**Results:**  
**1-hour Leq: 73.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	350	0
Aerial Lift	8	75	20%	350	0
Cement and Mortar Mixers	2	79	40%	375	0
Concrete/Industrial Saws	3	90	20%	375	0
Cranes (Tower)	1	81	16%	400	0
Cranes (Mobile)	5	86	16%	400	0
Forklifts	5	75	20%	425	0
Generator Sets	2	81	50%	425	0
Pumps	1	81	50%	450	0
Signal Boards	1	83	50%	450	0
Skid Steer Loaders	1	79	40%	450	0
Welders	6	74	40%	450	0

**Receptor:** 38  
**R1**

**Results:**  
**1-hour Leq:** **74.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	350	0
Aerial Lift	6	75	20%	350	0
Cement and Mortar Mixers	1	79	40%	375	0
Concrete/Industrial Saws	2	90	20%	375	0
Cranes (Tower)	1	81	16%	400	0
Cranes (Mobile)	4	81	16%	400	0
Forklifts	4	75	20%	425	0
Generator Sets	2	81	50%	425	0
Water Truck	1	76	40%	450	0
Pavers	1	77	50%	450	0
Paving Equipment	1	85	50%	450	0
Pumps	1	81	50%	450	0
Plate Compactors	1	83	20%	450	0
Rollers	1	80	20%	450	0
Signal Boards	1	83	50%	450	0
Surfacing Equipment	1	85	50%	450	0
Trenchers	1	80	50%	450	0
Welders	5	74	40%	450	0

**Receptor:** <sup>35</sup>  
***R1***

**Results:**  
**1-hour Leq: 73.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Concrete/Industrial Saws	1	90	20%	870	0
Excavators	1	81	40%	895	0
Forklifts	1	75	20%	895	0
Generator Sets	1	81	50%	920	0
Water Truck	1	76	40%	920	0
Rough Terrain Forklifts	1	75	20%	945	0
Scrapers	1	84	40%	945	0
Trenchers	1	80	50%	970	0

**Receptor:** <sup>9</sup>  
**R1**

**Results:**  
**1-hour Leq: 62.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Bore/Drill Rig	2	79	20%	870	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	2	90	20%	895	0
Excavators	2	81	40%	920	0
Forklifts	1	75	20%	920	0
Generator Sets	1	81	50%	945	0
Water Truck	1	76	40%	945	0
Pumps	1	81	50%	970	0
Rough Terrain Forklifts	1	75	20%	970	0
Rubber Tired Loaders	1	79	40%	970	0
Signal Boards	2	83	50%	970	0
Skid Steer Loaders	1	79	40%	970	0
Surfacing Equipment	1	85	50%	970	0
Tractors/Loaders/Backhoes	1	79	40%	970	0
Trenchers	1	80	50%	970	0
Welders	2	74	40%	970	0

**Receptor:** <sup>22</sup>  
**R1**

**Results:**  
**1-hour Leq: 65.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	870	0
Aerial Lift	3	75	20%	870	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	2	90	20%	895	0
Cranes (Tower)	1	81	16%	920	0
Cranes (Mobile)	1	86	16%	920	0
Forklifts	3	75	20%	945	0
Generator Sets	1	81	50%	945	0
Pumps	1	81	50%	970	0
Signal Boards	1	83	50%	970	0
Skid Steer Loaders	1	79	40%	970	0
Welders	3	74	40%	970	0

**Receptor:** <sup>20</sup>  
**R1**

**Results:**  
**1-hour Leq: 64.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	870	0
Concrete/Industrial Saws	1	90	20%	870	0
Cranes (Tower)	1	81	16%	895	0
Cranes (Mobile)	2	81	16%	895	0
Forklifts	2	75	20%	920	0
Generator Sets	1	81	50%	920	0
Water Truck	1	76	40%	945	0
Pavers	1	77	50%	945	0
Paving Equipment	1	85	50%	970	0
Pumps	1	81	50%	970	0
Plate Compactors	1	83	20%	970	0
Rollers	1	80	20%	970	0
Signal Boards	1	83	50%	970	0
Surfacing Equipment	1	85	50%	970	0
Trenchers	1	80	50%	970	0
Welders	2	74	40%	970	0

**Receptor:** <sup>21</sup>  
***R1***

**Results:**  
**1-hour Leq: 64.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Concrete/Industrial Saws	1	90	20%	870	0
Excavators	1	81	40%	895	0
Forklifts	1	75	20%	895	0
Generator Sets	1	81	50%	920	0
Water Truck	1	76	40%	920	0
Rough Terrain Forklifts	1	75	20%	945	0
Scrapers	1	84	40%	945	0
Signal Boards	1	83	50%	970	0
Trenchers	1	80	50%	970	0

**Receptor:** 10  
**R1**

**Results:**  
**1-hour Leq: 62.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Bore/Drill Rig	3	79	20%	870	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	3	90	20%	895	0
Excavators	3	81	40%	920	0
Forklifts	1	75	20%	920	0
Generator Sets	1	81	50%	945	0
Water Truck	1	76	40%	945	0
Pumps	1	81	50%	970	0
Rubber Tired Loaders	1	79	40%	970	0
Signal Boards	2	83	50%	970	0
Skid Steer Loaders	1	79	40%	970	0
Surfacing Equipment	1	85	50%	970	0
Tractors/Loaders/Backhoes	1	79	40%	970	0
Trenchers	1	80	50%	970	0
Welders	4	74	40%	970	0

26  
**Receptor: R1**

**Results:**  
**1-hour Leq: 66.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	870	0
Aerial Lift	8	75	20%	870	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	5	90	20%	895	0
Cranes (Tower)	1	81	16%	920	0
Cranes (Mobile)	4	86	16%	920	0
Forklifts	3	75	20%	945	0
Generator Sets	1	81	50%	945	0
Pumps	1	81	50%	970	0
Signal Boards	1	83	50%	970	0
Skid Steer Loaders	1	79	40%	970	0
Welders	10	74	40%	970	0

**Receptor:** 38  
**R1**

**Results:**  
**1-hour Leq: 67.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	870	0
Concrete/Industrial Saws	1	90	20%	870	0
Cranes (Tower)	1	81	16%	895	0
Cranes (Mobile)	3	81	16%	895	0
Forklifts	2	75	20%	920	0
Generator Sets	1	81	50%	920	0
Water Truck	1	76	40%	945	0
Pavers	1	77	50%	945	0
Paving Equipment	1	85	50%	970	0
Pumps	1	81	50%	970	0
Plate Compactors	1	83	20%	970	0
Rollers	1	80	20%	970	0
Signal Boards	1	83	50%	970	0
Surfacing Equipment	1	85	50%	970	0
Trenchers	1	80	50%	970	0
Welders	3	74	40%	970	0

**Receptor:** <sup>25</sup>  
***R1***

**Results:**  
**1-hour Leq: 64.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1210	0
Concrete/Industrial Saws	2	90	20%	1210	0
Excavators	1	81	40%	1235	0
Forklifts	1	75	20%	1235	0
Generator Sets	1	81	50%	1260	0
Water Truck	1	76	40%	1260	0
Rough Terrain Forklifts	1	75	20%	1285	0
Scrapers	1	84	40%	1285	0
Signal Boards	1	83	50%	1310	0
Trenchers	1	80	50%	1310	0
Cranes (Mobile)	1	81	16%	1310	0
Skid Steer Loaders	1	79	40%	1310	0

**Receptor:** 13  
**R1**

**Results:**  
**1-hour Leq:** **61.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1210	0
Bore/Drill Rig	2	79	20%	1210	0
Cement and Mortar Mixers	1	79	40%	1235	0
Concrete/Industrial Saws	1	90	20%	1235	0
Excavators	2	81	40%	1260	0
Forklifts	1	75	20%	1260	0
Generator Sets	1	81	50%	1285	0
Water Truck	1	76	40%	1285	0
Pumps	1	81	50%	1310	0
Rough Terrain Forklifts	1	75	20%	1310	0
Rubber Tired Loaders	1	79	40%	1310	0
Signal Boards	2	83	50%	1310	0
Skid Steer Loaders	1	79	40%	1310	0
Surfacing Equipment	1	85	50%	1310	0
Tractors/Loaders/Backhoes	1	79	40%	1310	0
Trenchers	1	80	50%	1310	0
Welders	1	74	40%	1310	0

**Receptor:** <sup>20</sup>  
**R1**

**Results:**  
**1-hour Leq: 62.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1210	0
Aerial Lift	4	75	20%	1210	0
Cement and Mortar Mixers	1	79	40%	1235	0
Concrete/Industrial Saws	1	90	20%	1235	0
Cranes (Mobile)	2	86	16%	1260	0
Forklifts	2	75	20%	1260	0
Generator Sets	1	81	50%	1285	0
Pumps	1	81	50%	1285	0
Signal Boards	2	83	50%	1310	0
Skid Steer Loaders	1	79	40%	1310	0
Welders	1	74	40%	1310	0

**Receptor:** 18  
**R1**

**Results:**  
**1-hour Leq:** **61.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1210	0
Concrete/Industrial Saws	1	90	20%	1210	0
Forklifts	2	75	20%	1235	0
Pavers	1	77	50%	1235	0
Paving Equipment	1	85	50%	1260	0
Pumps	1	81	50%	1260	0
Plate Compactors	1	83	20%	1285	0
Rollers	1	80	20%	1285	0
Signal Boards	1	83	50%	1310	0
Surfacing Equipment	1	85	50%	1310	0
Trenchers	1	80	50%	1310	0

**Receptor:** 15  
**R1**

**Results:**  
**1-hour Leq: 61.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	715	10
Cement and Mortar Mixers	1	79	40%	715	10
Concrete/Industrial Saws	1	90	20%	740	10
Forklifts	1	75	20%	740	10
Generator Sets	1	81	50%	765	10
Water Truck	1	76	40%	765	10
Paving Equipment	1	85	50%	790	10
Plate Compactors	1	83	20%	790	10
Rollers	1	80	20%	815	10
Rough Terrain Forklifts	1	75	20%	815	10
Rubber Tired Loaders	1	79	40%	815	10
Scrapers	1	84	40%	815	10
Skid Steer Loaders	1	79	40%	815	10
Welders	1	74	40%	815	10

**Receptor:** <sup>14</sup>  
**R1**

**Results:**  
**1-hour Leq: 54.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	715	10
Aerial Lift	4	75	20%	715	10
Cement and Mortar Mixers	1	79	40%	740	10
Concrete/Industrial Saws	1	90	20%	740	10
Forklifts	4	75	20%	765	10
Generator Sets	1	81	50%	765	10
Welders	1	74	40%	790	10

**Receptor:** 13  
**R1**

**Results:**  
**1-hour Leq: 52.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Concrete/Industrial Saws	1	90	20%	870	0
Excavators	1	81	40%	895	0
Forklifts	1	75	20%	895	0
Generator Sets	1	81	50%	920	0
Water Truck	1	76	40%	920	0
Rubber Tired Dozers	1	82	40%	945	0
Tractors/Loaders/Backhoes	1	79	40%	945	0
Trenches	1	80	50%	970	0

9

**Receptor:** ***R2***

**Results:**  
**1-hour Leq: 61.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Bore/Drill Rig	2	80	50%	870	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	2	90	20%	895	0
Excavators	2	81	40%	920	0
Forklifts	1	75	20%	920	0
Generator Sets	1	81	50%	945	0
Water Truck	1	76	40%	945	0
Pavers	1	77	50%	970	0
Paving Equipment	1	85	50%	970	0
Pumps	1	81	50%	970	0
Plate Compactors	1	83	20%	970	0
Rollers	1	80	20%	970	0
Scrapers	1	84	40%	970	0
Signal Boards	2	83	50%	970	0
Surfacing Equipment	1	85	50%	970	0
Trenchers	1	80	50%	970	0
Welders	1	74	40%	970	0

22

**Receptor:** ***R2***

**Results:**  
**1-hour Leq: 66.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	0
Aerial Lift	1	75	20%	870	0
Bore/Drill Rig	1	79	20%	895	0
Cement and Mortar Mixers	1	79	40%	895	0
Concrete/Industrial Saws	1	90	20%	920	0
Cranes (Mobile)	2	81	16%	920	0
Forklifts	1	75	20%	945	0
Water Truck	1	76	40%	945	0
Pumps	1	81	50%	970	0
Plate Compactors	1	83	20%	970	0
Signal Boards	1	83	50%	970	0
Tractors/Loaders/Backhoes	1	79	40%	970	0
Welders	1	74	40%	970	0

14

**Receptor: R2**

**Results:**

**1-hour Leq: 62.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	870	0
Concrete/Industrial Saws	2	90	20%	870	0
Cranes (Mobile)	2	81	16%	895	0
Forklifts	1	75	20%	895	0
Water Truck	1	76	40%	920	0
Signal Boards	1	83	50%	920	0
Trenchers	1	80	50%	945	0
Welders	2	74	40%	945	0

**Receptor:** 12  
**R2**

**Results:**  
**1-hour Leq: 63.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	660	0
Concrete/Industrial Saws	1	90	20%	660	0
Excavators	1	81	40%	685	0
Forklifts	1	75	20%	685	0
Generator Sets	1	81	50%	710	0
Water Truck	1	76	40%	710	0
Rough Terrain Forklifts	1	75	20%	735	0
Scrapers	1	84	40%	735	0
Trenchers	1	80	50%	760	0

9

**Receptor:** **R2**

**Results:**  
**1-hour Leq: 64.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	660	0
Bore/Drill Rig	3	79	20%	660	0
Cement and Mortar Mixers	1	79	40%	685	0
Concrete/Industrial Saws	2	90	20%	685	0
Excavators	2	81	40%	710	0
Forklifts	1	75	20%	710	0
Generator Sets	1	81	50%	735	0
Water Truck	1	76	40%	735	0
Pumps	1	81	50%	760	0
Rough Terrain Forklifts	1	75	20%	760	0
Rubber Tired Dozers	1	82	40%	760	0
Signal Boards	2	83	50%	760	0
Skid Steer Loaders	1	79	40%	760	0
Surfacing Equipment	1	85	50%	760	0
Tractors/Loaders/Backhoes	1	79	40%	760	0
Trenchers	1	80	50%	760	0
Welders	2	74	40%	760	0

23

**Receptor: R2**

**Results:**  
**1-hour Leq: 68.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	660	0
Aerial Lift	4	75	20%	660	0
Cement and Mortar Mixers	1	79	40%	685	0
Concrete/Industrial Saws	2	90	20%	685	0
Cranes (Tower)	1	81	16%	710	0
Cranes (Mobile)	4	81	16%	710	0
Forklifts	4	75	20%	735	0
Generator Sets	1	81	50%	735	0
Pumps	1	81	50%	760	0
Signal Boards	1	83	50%	760	0
Skid Steer Loaders	1	79	40%	760	0
Welders	4	74	40%	760	0

26

**Receptor: R2**

**Results:**  
**1-hour Leq: 66.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	660	0
Concrete/Industrial Saws	1	90	20%	660	0
Cranes (Tower)	1	81	16%	685	0
Cranes (Mobile)	3	81	16%	685	0
Forklifts	2	75	20%	710	0
Generator Sets	1	81	50%	710	0
Water Truck	1	76	40%	735	0
Pavers	1	77	50%	735	0
Paving Equipment	1	85	50%	760	0
Pumps	1	81	50%	760	0
Plate Compactors	1	83	20%	760	0
Rollers	1	80	20%	760	0
Signal Boards	1	83	50%	760	0
Surfacing Equipment	1	85	50%	760	0
Trenchers	1	80	50%	760	0
Welders	2	74	40%	760	0

23

**Receptor: R2**

**Results:**  
**1-hour Leq: 66.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	345	0
Concrete/Industrial Saws	1	90	20%	345	0
Excavators	1	81	40%	370	0
Forklifts	1	75	20%	370	0
Generator Sets	1	81	50%	395	0
Water Truck	1	76	40%	395	0
Rough Terrain Forklifts	1	75	20%	420	0
Scrapers	1	84	40%	420	0
Trenchers	1	80	50%	445	0

**Receptor:** 9  
**R2**

**Results:**  
**1-hour Leq: 69.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	345	0
Bore/Drill Rig	2	79	20%	345	0
Cement and Mortar Mixers	1	79	40%	370	0
Concrete/Industrial Saws	2	90	20%	370	0
Excavators	2	81	40%	395	0
Forklifts	1	75	20%	395	0
Generator Sets	1	81	50%	420	0
Water Truck	1	76	40%	420	0
Pumps	1	81	50%	445	0
Rough Terrain Forklifts	1	75	20%	445	0
Rubber Tired Forklifts	1	75	20%	445	0
Signal Boards	2	83	50%	445	0
Skid Steer Loaders	1	79	40%	445	0
Surfacing Equipment	1	85	50%	445	0
Tractors/Loaders/Backhoes	1	79	40%	445	0
Trenchers	1	80	50%	445	0
Welders	2	74	40%	445	0

22

**Receptor: R2**

**Results:**  
**1-hour Leq: 72.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	345	0
Aerial Lift	3	75	20%	345	0
Cement and Mortar Mixers	1	79	40%	370	0
Concrete/Industrial Saws	2	90	20%	370	0
Cranes (Tower)	1	81	16%	395	0
Cranes (Mobile)	3	81	16%	395	0
Forklifts	3	75	20%	420	0
Generator Sets	1	81	50%	420	0
Pumps	1	81	50%	445	0
Signal Boards	1	83	50%	445	0
Skid Steer Loaders	1	79	40%	445	0
Welders	3	74	40%	445	0

22

**Receptor: R2**

**Results:**  
**1-hour Leq: 71.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	345	0
Concrete/Industrial Saws	1	90	20%	345	0
Cranes (Tower)	1	81	16%	370	0
Cranes (Mobile)	2	81	16%	370	0
Forklifts	2	75	20%	395	0
Generator Sets	1	81	50%	395	0
Water Truck	1	76	40%	420	0
Pavers	1	77	50%	420	0
Paving Equipment	1	85	50%	445	0
Pumps	1	81	50%	445	0
Plate Compactors	1	83	20%	445	0
Rollers	1	80	20%	445	0
Signal Boards	1	83	50%	445	0
Surfacing Equipment	1	85	50%	445	0
Trenchers	1	80	50%	445	0
Welders	2	74	40%	445	0

21

**Receptor: R2**

**Results:**  
**1-hour Leq: 71.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	90	0
Concrete/Industrial Saws	1	90	20%	90	0
Excavators	1	81	40%	115	0
Forklifts	1	75	20%	115	0
Generator Sets	1	81	50%	140	0
Water Truck	1	76	40%	140	0
Rubber Tired Dozers	1	82	40%	165	0
Tractors/Loaders/Backhoes	1	79	40%	165	0
Trenchers	1	80	50%	190	0

**Receptor:** 9  
**R2**

**Results:**  
**1-hour Leq: 80.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	90	0
Bore/Drill Rig	2	79	20%	90	0
Cement and Mortar Mixers	1	79	40%	115	0
Concrete/Industrial Saws	2	90	20%	115	0
Excavators	2	81	40%	140	0
Forklifts	1	75	20%	140	0
Generator Sets	1	81	50%	165	0
Water Truck	1	76	40%	165	0
Pavers	1	77	50%	190	0
Paving Equipment	1	85	50%	190	0
Pumps	1	77	50%	190	0
Plate Compactors	1	83	20%	190	0
Rollers	1	80	20%	190	0
Scrapers	1	84	40%	190	0
Signal Boards	2	83	20%	190	0
Surfacing Equipment	1	85	50%	190	0
Trenchers	1	80	50%	190	0
Welders	1	74	40%	190	0

**Receptor:** <sup>22</sup>  
**R2**

**Results:**  
**1-hour Leq: 82.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	90	0
Aerial Lift	4	75	20%	90	0
Cement and Mortar Mixers	1	79	40%	115	0
Concrete/Industrial Saws	2	90	20%	115	0
Cranes (Tower)	1	81	16%	140	0
Cranes (Mobile)	4	81	16%	140	0
Forklifts	4	75	20%	165	0
Generator Sets	1	81	50%	165	0
Pumps	1	81	50%	190	0
Signal Boards	1	83	50%	190	0
Skid Steer Loaders	1	79	40%	190	0
Welders	4	74	40%	190	0

**Receptor:** <sup>26</sup>  
**R2**

**Results:**  
**1-hour Leq: 81.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	90	0
Concrete/Industrial Saws	1	90	20%	90	0
Cranes (Tower)	1	81	16%	115	0
Cranes (Mobile)	3	81	16%	115	0
Forklifts	2	75	20%	140	0
Generator Sets	1	81	50%	140	0
Water Truck	1	76	40%	165	0
Pavers	1	77	50%	165	0
Paving Equipment	1	85	50%	190	0
Pumps	1	81	50%	190	0
Plate Compactors	1	83	20%	190	0
Rollers	1	80	20%	190	0
Signal Boards	1	83	50%	190	0
Surfacing Equipment	1	85	50%	190	0
Trenchers	1	80	50%	190	0
Welders	2	74	40%	190	0

**Receptor:** <sup>23</sup>  
**R2**

**Results:**  
**1-hour Leq: 81.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	65	0
Concrete/Industrial Saws	1	90	20%	65	0
Excavators	1	81	40%	90	0
Forklifts	1	75	20%	90	0
Generator Sets	1	81	50%	115	0
Water Truck	1	76	40%	115	0
Rough Terrain Forklifts	1	75	20%	140	0
Scrapers	1	84	40%	140	0
Trenchers	1	80	50%	165	0

9  
**Receptor: R2**

**Results:**  
**1-hour Leq: 82.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	65	0
Bore/Drill Rig	3	79	20%	65	0
Cement and Mortar Mixers	1	79	40%	90	0
Concrete/Industrial Saws	2	90	20%	90	0
Excavators	2	81	40%	115	0
Forklifts	1	75	20%	115	0
Generator Sets	1	81	50%	140	0
Water Truck	1	76	40%	140	0
Pumps	1	81	50%	165	0
Rough Terrain Forklifts	1	76	40%	165	0
Rubber Tired Loaders	1	79	40%	165	0
Signal Boards	2	83	50%	165	0
Skid Steer Loaders	1	79	40%	165	0
Surfacing Equipment	1	85	50%	165	0
Tractors/Loaders/Backhoes	1	79	40%	165	0
Trenchers	1	80	50%	165	0
Welders	2	74	40%	165	0

23  
**Receptor: R2**

**Results:**  
**1-hour Leq: 84.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	65	0
Aerial Lift	4	75	20%	65	0
Cement and Mortar Mixers	1	79	40%	90	0
Concrete/Industrial Saws	2	90	20%	90	0
Cranes (Tower)	1	81	16%	115	0
Cranes (Mobile)	4	81	16%	115	0
Forklifts	4	75	20%	140	0
Generator Sets	1	81	50%	140	0
Pumps	1	81	50%	165	0
Signal Boards	1	83	50%	165	0
Skid Steer Loaders	1	79	40%	165	0
Welders	4	74	40%	165	0

**Receptor:** <sup>26</sup>  
**R2**

**Results:**  
**1-hour Leq: 83.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	65	0
Concrete/Industrial Saws	1	75	20%	65	0
Cranes (Tower)	1	81	16%	90	0
Cranes (Mobile)	3	81	16%	90	0
Forklifts	2	75	20%	115	0
Generator Sets	1	81	50%	115	0
Water Truck	1	76	40%	140	0
Pavers	1	77	50%	140	0
Paving Equipment	1	85	50%	165	0
Pumps	1	81	50%	165	0
Plate Compactors	1	83	20%	165	0
Rollers	1	80	20%	165	0
Signal Boards	1	83	50%	165	0
Surfacing Equipment	1	85	50%	165	0
Trenchers	1	80	50%	165	0
Welders	2	74	40%	165	0

**Receptor:** <sup>23</sup>  
**R2**

**Results:**  
**1-hour Leq: 80.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	325	0
Concrete/Industrial Saws	1	90	20%	325	0
Excavators	1	81	40%	350	0
Forklifts	1	75	20%	350	0
Generator Sets	1	81	50%	375	0
Water Truck	1	76	40%	375	0
Rough Terrain Forklifts	1	75	20%	400	0
Scrapers	1	84	40%	400	0
Trenchers	1	80	50%	425	0

9

**Receptor: R2**

**Results:**  
**1-hour Leq: 70.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	325	0
Bore/Drill Rig	4	79	20%	325	0
Cement and Mortar Mixers	1	79	40%	350	0
Concrete/Industrial Saws	3	90	20%	350	0
Excavators	3	81	40%	375	0
Forklifts	1	75	20%	375	0
Generator Sets	1	81	50%	400	0
Water Truck	1	76	40%	400	0
Pumps	1	81	50%	425	0
Rough Terrain Forklifts	1	75	20%	425	0
Rubber Tired Loaders	1	79	40%	425	0
Signal Boards	2	83	50%	425	0
Skid Steer Loaders	1	79	40%	425	0
Surfacing Equipment	1	85	50%	425	0
Tractors/Loaders/Backhoes	1	79	40%	425	0
Trenchers	1	80	50%	425	0
Welders	3	74	40%	425	0

27  
**Receptor: R2**

**Results:**  
**1-hour Leq: 74.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	325	0
Aerial Lift	8	75	20%	325	0
Cement and Mortar Mixers	2	79	40%	350	0
Concrete/Industrial Saws	3	90	20%	350	0
Cranes (Tower)	1	81	16%	375	0
Cranes (Mobile)	5	86	16%	375	0
Forklifts	5	75	20%	400	0
Generator Sets	2	81	50%	400	0
Pumps	1	81	50%	425	0
Signal Boards	1	83	50%	425	0
Skid Steer Loaders	1	79	40%	425	0
Welders	6	74	40%	425	0

**Receptor:** 38  
**R2**

**Results:**  
**1-hour Leq: 74.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	325	0
Aerial Lift	6	75	20%	325	0
Cement and Mortar Mixers	1	79	40%	350	0
Concrete/Industrial Saws	2	90	20%	350	0
Cranes (Tower)	1	81	16%	375	0
Cranes (Mobile)	4	81	16%	375	0
Forklifts	4	75	20%	400	0
Generator Sets	2	81	50%	400	0
Water Truck	1	76	40%	425	0
Pavers	1	77	50%	425	0
Paving Equipment	1	85	50%	425	0
Pumps	1	81	50%	425	0
Plate Compactors	1	83	20%	425	0
Rollers	1	80	20%	425	0
Signal Boards	1	83	50%	425	0
Surfacing Equipment	1	85	50%	425	0
Trenchers	1	80	50%	425	0
Welders	5	74	40%	425	0

**Receptor:** <sup>35</sup>  
**R2**

**Results:**  
**1-hour Leq: 73.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1220	0
Concrete/Industrial Saws	1	90	20%	1220	0
Excavators	1	81	40%	1245	0
Forklifts	1	75	20%	1245	0
Generator Sets	1	81	50%	1270	0
Water Truck	1	76	40%	1270	0
Rough Terrain Forklifts	1	75	20%	1295	0
Scrapers	1	84	40%	1295	0
Trenchers	1	80	50%	1320	0

**Receptor:** <sup>9</sup>  
**R2**

**Results:**  
**1-hour Leq: 59.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1220	0
Bore/Drill Rig	2	79	20%	1220	0
Cement and Mortar Mixers	1	79	40%	1245	0
Concrete/Industrial Saws	2	90	20%	1245	0
Excavators	2	81	40%	1270	0
Forklifts	1	75	20%	1270	0
Generator Sets	1	81	50%	1295	0
Water Truck	1	76	40%	1295	0
Pumps	1	81	50%	1320	0
Rough Terrain Forklifts	1	75	20%	1320	0
Rubber Tired Loaders	1	79	40%	1320	0
Signal Boards	2	83	50%	1320	0
Skid Steer Loaders	1	79	40%	1320	0
Surfacing Equipment	1	85	50%	1320	0
Tractors/Loaders/Backhoes	1	79	40%	1320	0
Trenchers	1	80	50%	1320	0
Welders	2	74	40%	1320	0

**Receptor:** <sup>22</sup>  
**R2**

**Results:**  
**1-hour Leq: 62.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1220	0
Aerial Lift	3	75	20%	1220	0
Cement and Mortar Mixers	1	79	40%	1245	0
Concrete/Industrial Saws	2	90	20%	1245	0
Cranes (Tower)	1	81	16%	1270	0
Cranes (Mobile)	1	86	16%	1270	0
Forklifts	3	75	20%	1295	0
Generator Sets	1	81	50%	1295	0
Pumps	1	81	50%	1320	0
Signal Boards	1	83	50%	1320	0
Skid Steer Loaders	1	79	40%	1320	0
Welders	3	74	40%	1320	0

**Receptor:** <sup>20</sup>  
**R2**

**Results:**  
**1-hour Leq: 61.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1220	0
Concrete/Industrial Saws	1	90	20%	1220	0
Cranes (Tower)	1	81	16%	1245	0
Cranes (Mobile)	2	81	16%	1245	0
Forklifts	2	75	20%	1270	0
Generator Sets	1	81	50%	1270	0
Water Truck	1	76	40%	1295	0
Pavers	1	77	50%	1295	0
Paving Equipment	1	85	50%	1320	0
Pumps	1	81	50%	1320	0
Plate Compactors	1	83	20%	1320	0
Rollers	1	80	20%	1320	0
Signal Boards	1	83	50%	1320	0
Surfacing Equipment	1	85	50%	1320	0
Trenchers	1	80	50%	1320	0
Welders	2	74	40%	1320	0

**Receptor:** <sup>21</sup>  
**R2**

**Results:**  
**1-hour Leq: 61.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	855	0
Concrete/Industrial Saws	1	90	20%	855	0
Excavators	1	81	40%	880	0
Forklifts	1	75	20%	880	0
Generator Sets	1	81	50%	905	0
Water Truck	1	76	40%	905	0
Rough Terrain Forklifts	1	75	20%	930	0
Scrapers	1	84	40%	930	0
Signal Boards	1	83	50%	955	0
Trenchers	1	80	50%	955	0

**Receptor:** 10  
**R2**

**Results:**  
**1-hour Leq:** **62.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	855	0
Bore/Drill Rig	3	79	20%	855	0
Cement and Mortar Mixers	1	79	40%	880	0
Concrete/Industrial Saws	3	90	20%	880	0
Excavators	3	81	40%	905	0
Forklifts	1	75	20%	905	0
Generator Sets	1	81	50%	930	0
Water Truck	1	76	40%	930	0
Pumps	1	81	50%	955	0
Rubber Tired Loaders	1	79	40%	955	0
Signal Boards	2	83	50%	955	0
Skid Steer Loaders	1	79	40%	955	0
Surfacing Equipment	1	85	50%	955	0
Tractors/Loaders/Backhoes	1	79	40%	955	0
Trenchers	1	80	50%	955	0
Welders	4	74	40%	955	0

26  
**Receptor: R2**

**Results:**  
**1-hour Leq: 66.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	855	0
Aerial Lift	8	75	20%	855	0
Cement and Mortar Mixers	1	79	40%	880	0
Concrete/Industrial Saws	5	90	20%	880	0
Cranes (Tower)	1	81	16%	905	0
Cranes (Mobile)	4	86	16%	905	0
Forklifts	3	75	20%	930	0
Generator Sets	1	81	50%	930	0
Pumps	1	81	50%	955	0
Signal Boards	1	83	50%	955	0
Skid Steer Loaders	1	79	40%	955	0
Welders	10	74	40%	955	0

**Receptor:** 38  
**R2**

**Results:**  
**1-hour Leq: 67.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	855	0
Concrete/Industrial Saws	1	90	20%	855	0
Cranes (Tower)	1	81	16%	880	0
Cranes (Mobile)	3	81	16%	880	0
Forklifts	2	75	20%	905	0
Generator Sets	1	81	50%	905	0
Water Truck	1	76	40%	930	0
Pavers	1	77	50%	930	0
Paving Equipment	1	85	50%	955	0
Pumps	1	81	50%	955	0
Plate Compactors	1	83	20%	955	0
Rollers	1	80	20%	955	0
Signal Boards	1	83	50%	955	0
Surfacing Equipment	1	85	50%	955	0
Trenchers	1	80	50%	955	0
Welders	3	74	40%	955	0

**Receptor:** <sup>25</sup>  
**R2**

**Results:**  
**1-hour Leq: 64.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1500	0
Concrete/Industrial Saws	2	90	20%	1500	0
Excavators	1	81	40%	1525	0
Forklifts	1	75	20%	1525	0
Generator Sets	1	81	50%	1550	0
Water Truck	1	76	40%	1550	0
Rough Terrain Forklifts	1	75	20%	1575	0
Scrapers	1	84	40%	1575	0
Signal Boards	1	83	50%	1600	0
Trenchers	1	80	50%	1600	0
Cranes (Mobile)	1	81	16%	1600	0
Skid Steer Loaders	1	79	40%	1600	0

**Receptor:** 13  
**R2**

**Results:**  
**1-hour Leq: 59.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1500	0
Bore/Drill Rig	2	79	20%	1500	0
Cement and Mortar Mixers	1	79	40%	1525	0
Concrete/Industrial Saws	1	90	20%	1525	0
Excavators	2	81	40%	1550	0
Forklifts	1	75	20%	1550	0
Generator Sets	1	81	50%	1575	0
Water Truck	1	76	40%	1575	0
Pumps	1	81	50%	1600	0
Rough Terrain Forklifts	1	75	20%	1600	0
Rubber Tired Loaders	1	79	40%	1600	0
Signal Boards	2	83	50%	1600	0
Skid Steer Loaders	1	79	40%	1600	0
Surfacing Equipment	1	85	50%	1600	0
Tractors/Loaders/Backhoes	1	79	40%	1600	0
Trenchers	1	80	50%	1600	0
Welders	1	74	40%	1600	0

**Receptor:** <sup>20</sup>  
**R2**

**Results:**  
**1-hour Leq: 60.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1500	0
Aerial Lift	4	75	20%	1500	0
Cement and Mortar Mixers	1	79	40%	1525	0
Concrete/Industrial Saws	1	90	20%	1525	0
Cranes (Mobile)	2	86	16%	1550	0
Forklifts	2	75	20%	1550	0
Generator Sets	1	81	50%	1575	0
Pumps	1	81	50%	1575	0
Signal Boards	2	83	50%	1600	0
Skid Steer Loaders	1	79	40%	1600	0
Welders	1	74	40%	1600	0

**Receptor:** 18  
**R2**

**Results:**  
**1-hour Leq: 59.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1500	0
Concrete/Industrial Saws	1	90	20%	1500	0
Forklifts	2	75	20%	1525	0
Pavers	1	77	50%	1525	0
Paving Equipment	1	85	50%	1550	0
Pumps	1	81	50%	1550	0
Plate Compactors	1	83	20%	1575	0
Rollers	1	80	20%	1575	0
Signal Boards	1	83	50%	1600	0
Surfacing Equipment	1	85	50%	1600	0
Trenchers	1	80	50%	1600	0

**Receptor:** 15  
**R2**

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	215	10
Cement and Mortar Mixers	1	79	40%	215	10
Concrete/Industrial Saws	1	90	20%	240	10
Forklifts	1	75	20%	240	10
Generator Sets	1	81	50%	265	10
Water Truck	1	76	40%	265	10
Paving Equipment	1	85	50%	290	10
Plate Compactors	1	83	20%	290	10
Rollers	1	80	20%	315	10
Rough Terrain Forklifts	1	75	20%	315	10
Rubber Tired Loaders	1	79	40%	315	10
Scrapers	1	84	40%	315	10
Skid Steer Loaders	1	79	40%	315	10
Welders	1	74	40%	315	10

**Receptor:** <sup>14</sup>  
**R2**

**Results:**  
**1-hour Leq: 64.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	215	10
Aerial Lift	4	75	20%	215	10
Cement and Mortar Mixers	1	79	40%	240	10
Concrete/Industrial Saws	1	90	20%	240	10
Forklifts	4	75	20%	265	10
Generator Sets	1	81	50%	265	10
Welders	1	74	40%	290	10

**Receptor:** 13  
**R2**

**Results:**  
**1-hour Leq: 62.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	545	0
Concrete/Industrial Saws	1	90	20%	545	0
Excavators	1	81	40%	570	0
Forklifts	1	75	20%	570	0
Generator Sets	1	81	50%	595	0
Water Truck	1	76	40%	595	0
Rubber Tired Dozers	1	82	40%	620	0
Tractors/Loaders/Backhoes	1	79	40%	620	0
Trenches	1	80	50%	645	0

9

**Receptor:** ***R3***

**Results:**  
**1-hour Leq: 65.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	545	0
Bore/Drill Rig	2	80	50%	545	0
Cement and Mortar Mixers	1	79	40%	570	0
Concrete/Industrial Saws	2	90	20%	570	0
Excavators	2	81	40%	595	0
Forklifts	1	75	20%	595	0
Generator Sets	1	81	50%	620	0
Water Truck	1	76	40%	620	0
Pavers	1	77	50%	645	0
Paving Equipment	1	85	50%	645	0
Pumps	1	81	50%	645	0
Plate Compactors	1	83	20%	645	0
Rollers	1	80	20%	645	0
Scrapers	1	84	40%	645	0
Signal Boards	2	83	50%	645	0
Surfacing Equipment	1	85	50%	645	0
Trenchers	1	80	50%	645	0
Welders	1	74	40%	645	0

22

**Receptor: R3**

**Results:**  
**1-hour Leq: 70.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	545	0
Aerial Lift	1	75	20%	545	0
Bore/Drill Rig	1	79	20%	570	0
Cement and Mortar Mixers	1	79	40%	570	0
Concrete/Industrial Saws	1	90	20%	595	0
Cranes (Mobile)	2	81	16%	595	0
Forklifts	1	75	20%	620	0
Water Truck	1	76	40%	620	0
Pumps	1	81	50%	645	0
Plate Compactors	1	83	20%	645	0
Signal Boards	1	83	50%	645	0
Tractors/Loaders/Backhoes	1	79	40%	645	0
Welders	1	74	40%	645	0

14

**Receptor: R3**

**Results:**  
**1-hour Leq: 66.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	545	0
Concrete/Industrial Saws	2	90	20%	545	0
Cranes (Mobile)	2	81	16%	570	0
Forklifts	1	75	20%	570	0
Water Truck	1	76	40%	595	0
Signal Boards	1	83	50%	595	0
Trenchers	1	80	50%	620	0
Welders	2	74	40%	620	0

**Receptor:** 12  
**R3**

**Results:**  
**1-hour Leq: 67.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	0
Concrete/Industrial Saws	1	90	20%	600	0
Excavators	1	81	40%	625	0
Forklifts	1	75	20%	625	0
Generator Sets	1	81	50%	650	0
Water Truck	1	76	40%	650	0
Rough Terrain Forklifts	1	75	20%	675	0
Scrapers	1	84	40%	675	0
Trenchers	1	80	50%	700	0

**Receptor:** 9  
**R3**

**Results:**  
**1-hour Leq: 65.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	0
Bore/Drill Rig	3	79	20%	600	0
Cement and Mortar Mixers	1	79	40%	625	0
Concrete/Industrial Saws	2	90	20%	625	0
Excavators	2	81	40%	650	0
Forklifts	1	75	20%	650	0
Generator Sets	1	81	50%	675	0
Water Truck	1	76	40%	675	0
Pumps	1	81	50%	700	0
Rough Terrain Forklifts	1	75	20%	700	0
Rubber Tired Dozers	1	82	40%	700	0
Signal Boards	2	83	50%	700	0
Skid Steer Loaders	1	79	40%	700	0
Surfacing Equipment	1	85	50%	700	0
Tractors/Loaders/Backhoes	1	79	40%	700	0
Trenchers	1	80	50%	700	0
Welders	2	74	40%	700	0

23

**Receptor: R3**

**Results:**  
**1-hour Leq: 68.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	600	0
Aerial Lift	4	75	20%	600	0
Cement and Mortar Mixers	1	79	40%	625	0
Concrete/Industrial Saws	2	90	20%	625	0
Cranes (Tower)	1	81	16%	650	0
Cranes (Mobile)	4	81	16%	650	0
Forklifts	4	75	20%	675	0
Generator Sets	1	81	50%	675	0
Pumps	1	81	50%	700	0
Signal Boards	1	83	50%	700	0
Skid Steer Loaders	1	79	40%	700	0
Welders	4	74	40%	700	0

26

**Receptor: R3**

**Results:**  
**1-hour Leq: 67.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	600	0
Concrete/Industrial Saws	1	90	20%	600	0
Cranes (Tower)	1	81	16%	625	0
Cranes (Mobile)	3	81	16%	625	0
Forklifts	2	75	20%	650	0
Generator Sets	1	81	50%	650	0
Water Truck	1	76	40%	675	0
Pavers	1	77	50%	675	0
Paving Equipment	1	85	50%	700	0
Pumps	1	81	50%	700	0
Plate Compactors	1	83	20%	700	0
Rollers	1	80	20%	700	0
Signal Boards	1	83	50%	700	0
Surfacing Equipment	1	85	50%	700	0
Trenchers	1	80	50%	700	0
Welders	2	74	40%	700	0

23

**Receptor: R3**

**Results:**  
**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	490	0
Concrete/Industrial Saws	1	90	20%	490	0
Excavators	1	81	40%	515	0
Forklifts	1	75	20%	515	0
Generator Sets	1	81	50%	540	0
Water Truck	1	76	40%	540	0
Rough Terrain Forklifts	1	75	20%	565	0
Scrapers	1	84	40%	565	0
Trenchers	1	80	50%	590	0

9

**Receptor:** **R3**

**Results:**  
**1-hour Leq: 66.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	490	0
Bore/Drill Rig	2	79	20%	490	0
Cement and Mortar Mixers	1	79	40%	515	0
Concrete/Industrial Saws	2	90	20%	515	0
Excavators	2	81	40%	540	0
Forklifts	1	75	20%	540	0
Generator Sets	1	81	50%	565	0
Water Truck	1	76	40%	565	0
Pumps	1	81	50%	590	0
Rough Terrain Forklifts	1	75	20%	590	0
Rubber Tired Forklifts	1	75	20%	590	0
Signal Boards	2	83	50%	590	0
Skid Steer Loaders	1	79	40%	590	0
Surfacing Equipment	1	85	50%	590	0
Tractors/Loaders/Backhoes	1	79	40%	590	0
Trenchers	1	80	50%	590	0
Welders	2	74	40%	590	0

22

**Receptor: R3**

**Results:**  
**1-hour Leq: 70.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	490	0
Aerial Lift	3	75	20%	490	0
Cement and Mortar Mixers	1	79	40%	515	0
Concrete/Industrial Saws	2	90	20%	515	0
Cranes (Tower)	1	81	16%	540	0
Cranes (Mobile)	3	81	16%	540	0
Forklifts	3	75	20%	565	0
Generator Sets	1	81	50%	565	0
Pumps	1	81	50%	590	0
Signal Boards	1	83	50%	590	0
Skid Steer Loaders	1	79	40%	590	0
Welders	3	74	40%	590	0

22

**Receptor: R3**

**Results:**  
**1-hour Leq: 68.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	490	0
Concrete/Industrial Saws	1	90	20%	490	0
Cranes (Tower)	1	81	16%	515	0
Cranes (Mobile)	2	81	16%	515	0
Forklifts	2	75	20%	540	0
Generator Sets	1	81	50%	540	0
Water Truck	1	76	40%	565	0
Pavers	1	77	50%	565	0
Paving Equipment	1	85	50%	590	0
Pumps	1	81	50%	590	0
Plate Compactors	1	83	20%	590	0
Rollers	1	80	20%	590	0
Signal Boards	1	83	50%	590	0
Surfacing Equipment	1	85	50%	590	0
Trenchers	1	80	50%	590	0
Welders	2	74	40%	590	0

21

**Receptor: R3**

**Results:**  
**1-hour Leq: 69.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	485	0
Concrete/Industrial Saws	1	90	20%	485	0
Excavators	1	81	40%	510	0
Forklifts	1	75	20%	510	0
Generator Sets	1	81	50%	535	0
Water Truck	1	76	40%	535	0
Rubber Tired Dozers	1	82	40%	560	0
Tractors/Loaders/Backhoes	1	79	40%	560	0
Trenchers	1	80	50%	585	0

**Receptor:** 9  
**R3**

**Results:**  
**1-hour Leq: 66.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	485	0
Bore/Drill Rig	2	79	20%	485	0
Cement and Mortar Mixers	1	79	40%	510	0
Concrete/Industrial Saws	2	90	20%	510	0
Excavators	2	81	40%	535	0
Forklifts	1	75	20%	535	0
Generator Sets	1	81	50%	560	0
Water Truck	1	76	40%	560	0
Pavers	1	77	50%	585	0
Paving Equipment	1	85	50%	585	0
Pumps	1	77	50%	585	0
Plate Compactors	1	83	20%	585	0
Rollers	1	80	20%	585	0
Scrapers	1	84	40%	585	0
Signal Boards	2	83	20%	585	0
Surfacing Equipment	1	85	50%	585	0
Trenchers	1	80	50%	585	0
Welders	1	74	40%	585	0

**Receptor:** <sup>22</sup>  
**R3**

**Results:**  
**1-hour Leq: 70.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	485	0
Aerial Lift	4	75	20%	485	0
Cement and Mortar Mixers	1	79	40%	510	0
Concrete/Industrial Saws	2	90	20%	510	0
Cranes (Tower)	1	81	16%	535	0
Cranes (Mobile)	4	81	16%	535	0
Forklifts	4	75	20%	560	0
Generator Sets	1	81	50%	560	0
Pumps	1	81	50%	585	0
Signal Boards	1	83	50%	585	0
Skid Steer Loaders	1	79	40%	585	0
Welders	4	74	40%	585	0

**Receptor:** <sup>26</sup>  
**R3**

**Results:**  
**1-hour Leq: 69.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	485	0
Concrete/Industrial Saws	1	90	20%	485	0
Cranes (Tower)	1	81	16%	510	0
Cranes (Mobile)	3	81	16%	510	0
Forklifts	2	75	20%	535	0
Generator Sets	1	81	50%	535	0
Water Truck	1	76	40%	560	0
Pavers	1	77	50%	560	0
Paving Equipment	1	85	50%	585	0
Pumps	1	81	50%	585	0
Plate Compactors	1	83	20%	585	0
Rollers	1	80	20%	585	0
Signal Boards	1	83	50%	585	0
Surfacing Equipment	1	85	50%	585	0
Trenchers	1	80	50%	585	0
Welders	2	74	40%	585	0

**Receptor:** <sup>23</sup>  
**R3**

**Results:**  
**1-hour Leq: 69.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	100	0
Concrete/Industrial Saws	1	90	20%	100	0
Excavators	1	81	40%	125	0
Forklifts	1	75	20%	125	0
Generator Sets	1	81	50%	150	0
Water Truck	1	76	40%	150	0
Rough Terrain Forklifts	1	75	20%	175	0
Scrapers	1	84	40%	175	0
Trenchers	1	80	50%	200	0

9  
**Receptor: R3**

**Results:**  
**1-hour Leq: 79.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	100	0
Bore/Drill Rig	3	79	20%	100	0
Cement and Mortar Mixers	1	79	40%	125	0
Concrete/Industrial Saws	2	90	20%	125	0
Excavators	2	81	40%	150	0
Forklifts	1	75	20%	150	0
Generator Sets	1	81	50%	175	0
Water Truck	1	76	40%	175	0
Pumps	1	81	50%	200	0
Rough Terrain Forklifts	1	76	40%	200	0
Rubber Tired Loaders	1	79	40%	200	0
Signal Boards	2	83	50%	200	0
Skid Steer Loaders	1	79	40%	200	0
Surfacing Equipment	1	85	50%	200	0
Tractors/Loaders/Backhoes	1	79	40%	200	0
Trenchers	1	80	50%	200	0
Welders	2	74	40%	200	0

**Receptor:** <sup>23</sup>  
**R3**

**Results:**  
**1-hour Leq: 81.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	100	0
Aerial Lift	4	75	20%	100	0
Cement and Mortar Mixers	1	79	40%	125	0
Concrete/Industrial Saws	2	90	20%	125	0
Cranes (Tower)	1	81	16%	150	0
Cranes (Mobile)	4	81	16%	150	0
Forklifts	4	75	20%	175	0
Generator Sets	1	81	50%	175	0
Pumps	1	81	50%	200	0
Signal Boards	1	83	50%	200	0
Skid Steer Loaders	1	79	40%	200	0
Welders	4	74	40%	200	0

**Receptor:** <sup>26</sup>  
**R3**

**Results:**  
**1-hour Leq: 80.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	100	0
Concrete/Industrial Saws	1	75	20%	100	0
Cranes (Tower)	1	81	16%	125	0
Cranes (Mobile)	3	81	16%	125	0
Forklifts	2	75	20%	150	0
Generator Sets	1	81	50%	150	0
Water Truck	1	76	40%	175	0
Pavers	1	77	50%	175	0
Paving Equipment	1	85	50%	200	0
Pumps	1	81	50%	200	0
Plate Compactors	1	83	20%	200	0
Rollers	1	80	20%	200	0
Signal Boards	1	83	50%	200	0
Surfacing Equipment	1	85	50%	200	0
Trenchers	1	80	50%	200	0
Welders	2	74	40%	200	0

**Receptor:** <sup>23</sup>  
**R3**

**Results:**  
**1-hour Leq: 78.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	130	0
Concrete/Industrial Saws	1	90	20%	130	0
Excavators	1	81	40%	155	0
Forklifts	1	75	20%	155	0
Generator Sets	1	81	50%	180	0
Water Truck	1	76	40%	180	0
Rough Terrain Forklifts	1	75	20%	205	0
Scrapers	1	84	40%	205	0
Trenchers	1	80	50%	230	0

9

**Receptor: R3**

**Results:**  
**1-hour Leq: 77.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	130	0
Bore/Drill Rig	4	79	20%	130	0
Cement and Mortar Mixers	1	79	40%	155	0
Concrete/Industrial Saws	3	90	20%	155	0
Excavators	3	81	40%	180	0
Forklifts	1	75	20%	180	0
Generator Sets	1	81	50%	205	0
Water Truck	1	76	40%	205	0
Pumps	1	81	50%	230	0
Rough Terrain Forklifts	1	75	20%	230	0
Rubber Tired Loaders	1	79	40%	230	0
Signal Boards	2	83	50%	230	0
Skid Steer Loaders	1	79	40%	230	0
Surfacing Equipment	1	85	50%	230	0
Tractors/Loaders/Backhoes	1	79	40%	230	0
Trenchers	1	80	50%	230	0
Welders	3	74	40%	230	0

**Receptor:** <sup>27</sup>  
**R3**

**Results:**  
**1-hour Leq: 80.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	130	0
Aerial Lift	8	75	20%	130	0
Cement and Mortar Mixers	2	79	40%	155	0
Concrete/Industrial Saws	3	90	20%	155	0
Cranes (Tower)	1	81	16%	180	0
Cranes (Mobile)	5	86	16%	180	0
Forklifts	5	75	20%	205	0
Generator Sets	2	81	50%	205	0
Pumps	1	81	50%	230	0
Signal Boards	1	83	50%	230	0
Skid Steer Loaders	1	79	40%	230	0
Welders	6	74	40%	230	0

**Receptor:** 38  
**R3**

**Results:**  
**1-hour Leq: 81.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	130	0
Aerial Lift	6	75	20%	130	0
Cement and Mortar Mixers	1	79	40%	155	0
Concrete/Industrial Saws	2	90	20%	155	0
Cranes (Tower)	1	81	16%	180	0
Cranes (Mobile)	4	81	16%	180	0
Forklifts	4	75	20%	205	0
Generator Sets	2	81	50%	205	0
Water Truck	1	76	40%	230	0
Pavers	1	77	50%	230	0
Paving Equipment	1	85	50%	230	0
Pumps	1	81	50%	230	0
Plate Compactors	1	83	20%	230	0
Rollers	1	80	20%	230	0
Signal Boards	1	83	50%	230	0
Surfacing Equipment	1	85	50%	230	0
Trenchers	1	80	50%	230	0
Welders	5	74	40%	230	0

**Receptor:** <sup>35</sup>  
**R3**

**Results:**  
**1-hour Leq: 80.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1010	0
Concrete/Industrial Saws	1	90	20%	1010	0
Excavators	1	81	40%	1035	0
Forklifts	1	75	20%	1035	0
Generator Sets	1	81	50%	1060	0
Water Truck	1	76	40%	1060	0
Rough Terrain Forklifts	1	75	20%	1085	0
Scrapers	1	84	40%	1085	0
Trenchers	1	80	50%	1110	0

**Receptor:** <sup>9</sup>  
**R3**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1010	0
Bore/Drill Rig	2	79	20%	1010	0
Cement and Mortar Mixers	1	79	40%	1035	0
Concrete/Industrial Saws	2	90	20%	1035	0
Excavators	2	81	40%	1060	0
Forklifts	1	75	20%	1060	0
Generator Sets	1	81	50%	1085	0
Water Truck	1	76	40%	1085	0
Pumps	1	81	50%	1110	0
Rough Terrain Forklifts	1	75	20%	1110	0
Rubber Tired Loaders	1	79	40%	1110	0
Signal Boards	2	83	50%	1110	0
Skid Steer Loaders	1	79	40%	1110	0
Surfacing Equipment	1	85	50%	1110	0
Tractors/Loaders/Backhoes	1	79	40%	1110	0
Trenchers	1	80	50%	1110	0
Welders	2	74	40%	1110	0

**Receptor:** <sup>22</sup>  
**R3**

**Results:**  
**1-hour Leq: 64.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1010	0
Aerial Lift	3	75	20%	1010	0
Cement and Mortar Mixers	1	79	40%	1035	0
Concrete/Industrial Saws	2	90	20%	1035	0
Cranes (Tower)	1	81	16%	1060	0
Cranes (Mobile)	1	86	16%	1060	0
Forklifts	3	75	20%	1085	0
Generator Sets	1	81	50%	1085	0
Pumps	1	81	50%	1110	0
Signal Boards	1	83	50%	1110	0
Skid Steer Loaders	1	79	40%	1110	0
Welders	3	74	40%	1110	0

**Receptor:** <sup>20</sup>  
**R3**

**Results:**  
**1-hour Leq: 63.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1010	0
Concrete/Industrial Saws	1	90	20%	1010	0
Cranes (Tower)	1	81	16%	1035	0
Cranes (Mobile)	2	81	16%	1035	0
Forklifts	2	75	20%	1060	0
Generator Sets	1	81	50%	1060	0
Water Truck	1	76	40%	1085	0
Pavers	1	77	50%	1085	0
Paving Equipment	1	85	50%	1110	0
Pumps	1	81	50%	1110	0
Plate Compactors	1	83	20%	1110	0
Rollers	1	80	20%	1110	0
Signal Boards	1	83	50%	1110	0
Surfacing Equipment	1	85	50%	1110	0
Trenchers	1	80	50%	1110	0
Welders	2	74	40%	1110	0

**Receptor:** <sup>21</sup>  
**R3**

**Results:**  
**1-hour Leq: 63.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	415	10
Concrete/Industrial Saws	1	90	20%	415	10
Excavators	1	81	40%	440	10
Forklifts	1	75	20%	440	10
Generator Sets	1	81	50%	465	10
Water Truck	1	76	40%	465	10
Rough Terrain Forklifts	1	75	20%	490	10
Scrapers	1	84	40%	490	10
Signal Boards	1	83	50%	515	10
Trenchers	1	80	50%	515	10

**Receptor:** 10  
**R3**

**Results:**  
**1-hour Leq:** **58.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	415	10
Bore/Drill Rig	3	79	20%	415	10
Cement and Mortar Mixers	1	79	40%	440	10
Concrete/Industrial Saws	3	90	20%	440	10
Excavators	3	81	40%	465	10
Forklifts	1	75	20%	465	10
Generator Sets	1	81	50%	490	10
Water Truck	1	76	40%	490	10
Pumps	1	81	50%	515	10
Rubber Tired Loaders	1	79	40%	515	10
Signal Boards	2	83	50%	515	10
Skid Steer Loaders	1	79	40%	515	10
Surfacing Equipment	1	85	50%	515	10
Tractors/Loaders/Backhoes	1	79	40%	515	10
Trenchers	1	80	50%	515	10
Welders	4	74	40%	515	10

**Receptor:** <sup>26</sup>  
**R3**

**Results:**  
**1-hour Leq: 62.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	415	10
Aerial Lift	8	75	20%	415	10
Cement and Mortar Mixers	1	79	40%	440	10
Concrete/Industrial Saws	5	90	20%	440	10
Cranes (Tower)	1	81	16%	465	10
Cranes (Mobile)	4	86	16%	465	10
Forklifts	3	75	20%	490	10
Generator Sets	1	81	50%	490	10
Pumps	1	81	50%	515	10
Signal Boards	1	83	50%	515	10
Skid Steer Loaders	1	79	40%	515	10
Welders	10	74	40%	515	10

**Receptor:** 38  
**R3**

**Results:**  
**1-hour Leq: 63.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	415	10
Concrete/Industrial Saws	1	90	20%	415	10
Cranes (Tower)	1	81	16%	440	10
Cranes (Mobile)	3	81	16%	440	10
Forklifts	2	75	20%	465	10
Generator Sets	1	81	50%	465	10
Water Truck	1	76	40%	490	10
Pavers	1	77	50%	490	10
Paving Equipment	1	85	50%	515	10
Pumps	1	81	50%	515	10
Plate Compactors	1	83	20%	515	10
Rollers	1	80	20%	515	10
Signal Boards	1	83	50%	515	10
Surfacing Equipment	1	85	50%	515	10
Trenchers	1	80	50%	515	10
Welders	3	74	40%	515	10

**Receptor:** <sup>25</sup>  
**R3**

**Results:**  
**1-hour Leq: 60.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1230	0
Concrete/Industrial Saws	2	90	20%	1230	0
Excavators	1	81	40%	1255	0
Forklifts	1	75	20%	1255	0
Generator Sets	1	81	50%	1280	0
Water Truck	1	76	40%	1280	0
Rough Terrain Forklifts	1	75	20%	1305	0
Scrapers	1	84	40%	1305	0
Signal Boards	1	83	50%	1330	0
Trenchers	1	80	50%	1330	0
Cranes (Mobile)	1	81	16%	1330	0
Skid Steer Loaders	1	79	40%	1330	0

**Receptor:** 13  
**R3**

**Results:**  
**1-hour Leq:** **61.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1230	0
Bore/Drill Rig	2	79	20%	1230	0
Cement and Mortar Mixers	1	79	40%	1255	0
Concrete/Industrial Saws	1	90	20%	1255	0
Excavators	2	81	40%	1280	0
Forklifts	1	75	20%	1280	0
Generator Sets	1	81	50%	1305	0
Water Truck	1	76	40%	1305	0
Pumps	1	81	50%	1330	0
Rough Terrain Forklifts	1	75	20%	1330	0
Rubber Tired Loaders	1	79	40%	1330	0
Signal Boards	2	83	50%	1330	0
Skid Steer Loaders	1	79	40%	1330	0
Surfacing Equipment	1	85	50%	1330	0
Tractors/Loaders/Backhoes	1	79	40%	1330	0
Trenchers	1	80	50%	1330	0
Welders	1	74	40%	1330	0

**Receptor:** <sup>20</sup>  
**R3**

**Results:**  
**1-hour Leq: 61.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1230	0
Aerial Lift	4	75	20%	1230	0
Cement and Mortar Mixers	1	79	40%	1255	0
Concrete/Industrial Saws	1	90	20%	1255	0
Cranes (Mobile)	2	86	16%	1280	0
Forklifts	2	75	20%	1280	0
Generator Sets	1	81	50%	1305	0
Pumps	1	81	50%	1305	0
Signal Boards	2	83	50%	1330	0
Skid Steer Loaders	1	79	40%	1330	0
Welders	1	74	40%	1330	0

**Receptor:** 18  
**R3**

**Results:**  
**1-hour Leq: 60.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1230	0
Concrete/Industrial Saws	1	90	20%	1230	0
Forklifts	2	75	20%	1255	0
Pavers	1	77	50%	1255	0
Paving Equipment	1	85	50%	1280	0
Pumps	1	81	50%	1280	0
Plate Compactors	1	83	20%	1305	0
Rollers	1	80	20%	1305	0
Signal Boards	1	83	50%	1330	0
Surfacing Equipment	1	85	50%	1330	0
Trenchers	1	80	50%	1330	0

**Receptor:** 15  
**R3**

**Results:**  
**1-hour Leq:** **61.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	325	0
Cement and Mortar Mixers	1	79	40%	325	0
Concrete/Industrial Saws	1	90	20%	350	0
Forklifts	1	75	20%	350	0
Generator Sets	1	81	50%	375	0
Water Truck	1	76	40%	375	0
Paving Equipment	1	85	50%	400	0
Plate Compactors	1	83	20%	400	0
Rollers	1	80	20%	425	0
Rough Terrain Forklifts	1	75	20%	425	0
Rubber Tired Loaders	1	79	40%	425	0
Scrapers	1	84	40%	425	0
Skid Steer Loaders	1	79	40%	425	0
Welders	1	74	40%	425	0

**Receptor:** <sup>14</sup>  
**R3**

**Results:**  
**1-hour Leq: 71.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	325	0
Aerial Lift	4	75	20%	325	0
Cement and Mortar Mixers	1	79	40%	350	0
Concrete/Industrial Saws	1	90	20%	350	0
Forklifts	4	75	20%	375	0
Generator Sets	1	81	50%	375	0
Welders	1	74	40%	400	0

**Receptor:** 13  
**R3**

**Results:**  
**1-hour Leq: 68.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1680	10
Concrete/Industrial Saws	1	90	20%	1680	10
Excavators	1	81	40%	1705	10
Forklifts	1	75	20%	1705	10
Generator Sets	1	81	50%	1730	10
Water Truck	1	76	40%	1730	10
Rubber Tired Dozers	1	82	40%	1755	10
Tractors/Loaders/Backhoes	1	79	40%	1755	10
Trenches	1	80	50%	1780	10

9

**Receptor:** ***R4***

**Results:**  
**1-hour Leq: 46.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1680	10
Bore/Drill Rig	2	80	50%	1680	10
Cement and Mortar Mixers	1	79	40%	1705	10
Concrete/Industrial Saws	2	90	20%	1705	10
Excavators	2	81	40%	1730	10
Forklifts	1	75	20%	1730	10
Generator Sets	1	81	50%	1755	10
Water Truck	1	76	40%	1755	10
Pavers	1	77	50%	1780	10
Paving Equipment	1	85	50%	1780	10
Pumps	1	81	50%	1780	10
Plate Compactors	1	83	20%	1780	10
Rollers	1	80	20%	1780	10
Scrapers	1	84	40%	1780	10
Signal Boards	2	83	50%	1780	10
Surfacing Equipment	1	85	50%	1780	10
Trenchers	1	80	50%	1780	10
Welders	1	74	40%	1780	10

22

**Receptor: R4**

**Results:**  
**1-hour Leq: 51.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1680	10
Aerial Lift	1	75	20%	1680	10
Bore/Drill Rig	1	79	20%	1705	10
Cement and Mortar Mixers	1	79	40%	1705	10
Concrete/Industrial Saws	1	90	20%	1730	10
Cranes (Mobile)	2	81	16%	1730	10
Forklifts	1	75	20%	1755	10
Water Truck	1	76	40%	1755	10
Pumps	1	81	50%	1780	10
Plate Compactors	1	83	20%	1780	10
Signal Boards	1	83	50%	1780	10
Tractors/Loaders/Backhoes	1	79	40%	1780	10
Welders	1	74	40%	1780	10

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**Receptor: R4**

**Results:**  
**1-hour Leq: 46.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	1680	10
Concrete/Industrial Saws	2	90	20%	1680	10
Cranes (Mobile)	2	81	16%	1705	10
Forklifts	1	75	20%	1705	10
Water Truck	1	76	40%	1730	10
Signal Boards	1	83	50%	1730	10
Trenchers	1	80	50%	1755	10
Welders	2	74	40%	1755	10

**Receptor:** 12  
**R4**

**Results:**  
**1-hour Leq: 47.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1370	0
Concrete/Industrial Saws	1	90	20%	1370	0
Excavators	1	81	40%	1395	0
Forklifts	1	75	20%	1395	0
Generator Sets	1	81	50%	1420	0
Water Truck	1	76	40%	1420	0
Rough Terrain Forklifts	1	75	20%	1445	0
Scrapers	1	84	40%	1445	0
Trenchers	1	80	50%	1470	0

9

**Receptor:** **R4**

**Results:**  
**1-hour Leq: 58.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1370	0
Bore/Drill Rig	3	79	20%	1370	0
Cement and Mortar Mixers	1	79	40%	1395	0
Concrete/Industrial Saws	2	90	20%	1395	0
Excavators	2	81	40%	1420	0
Forklifts	1	75	20%	1420	0
Generator Sets	1	81	50%	1445	0
Water Truck	1	76	40%	1445	0
Pumps	1	81	50%	1470	0
Rough Terrain Forklifts	1	75	20%	1470	0
Rubber Tired Dozers	1	82	40%	1470	0
Signal Boards	2	83	50%	1470	0
Skid Steer Loaders	1	79	40%	1470	0
Surfacing Equipment	1	85	50%	1470	0
Tractors/Loaders/Backhoes	1	79	40%	1470	0
Trenchers	1	80	50%	1470	0
Welders	2	74	40%	1470	0

23

**Receptor: R4**

**Results:**  
**1-hour Leq: 62.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1370	0
Aerial Lift	4	75	20%	1370	0
Cement and Mortar Mixers	1	79	40%	1395	0
Concrete/Industrial Saws	2	90	20%	1395	0
Cranes (Tower)	1	81	16%	1420	0
Cranes (Mobile)	4	81	16%	1420	0
Forklifts	4	75	20%	1445	0
Generator Sets	1	81	50%	1445	0
Pumps	1	81	50%	1470	0
Signal Boards	1	83	50%	1470	0
Skid Steer Loaders	1	79	40%	1470	0
Welders	4	74	40%	1470	0

26

**Receptor: R4**

**Results:**  
**1-hour Leq: 60.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1370	0
Concrete/Industrial Saws	1	90	20%	1370	0
Cranes (Tower)	1	81	16%	1395	0
Cranes (Mobile)	3	81	16%	1395	0
Forklifts	2	75	20%	1420	0
Generator Sets	1	81	50%	1420	0
Water Truck	1	76	40%	1445	0
Pavers	1	77	50%	1445	0
Paving Equipment	1	85	50%	1470	0
Pumps	1	81	50%	1470	0
Plate Compactors	1	83	20%	1470	0
Rollers	1	80	20%	1470	0
Signal Boards	1	83	50%	1470	0
Surfacing Equipment	1	85	50%	1470	0
Trenchers	1	80	50%	1470	0
Welders	2	74	40%	1470	0

23

**Receptor: R4**

**Results:**  
**1-hour Leq: 61.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1050	0
Concrete/Industrial Saws	1	90	20%	1050	0
Excavators	1	81	40%	1075	0
Forklifts	1	75	20%	1075	0
Generator Sets	1	81	50%	1100	0
Water Truck	1	76	40%	1100	0
Rough Terrain Forklifts	1	75	20%	1125	0
Scrapers	1	84	40%	1125	0
Trenchers	1	80	50%	1150	0

9

**Receptor:** **R4**

**Results:**  
**1-hour Leq: 60.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1050	0
Bore/Drill Rig	2	79	20%	1050	0
Cement and Mortar Mixers	1	79	40%	1075	0
Concrete/Industrial Saws	2	90	20%	1075	0
Excavators	2	81	40%	1100	0
Forklifts	1	75	20%	1100	0
Generator Sets	1	81	50%	1125	0
Water Truck	1	76	40%	1125	0
Pumps	1	81	50%	1150	0
Rough Terrain Forklifts	1	75	20%	1150	0
Rubber Tired Forklifts	1	75	20%	1150	0
Signal Boards	2	83	50%	1150	0
Skid Steer Loaders	1	79	40%	1150	0
Surfacing Equipment	1	85	50%	1150	0
Tractors/Loaders/Backhoes	1	79	40%	1150	0
Trenchers	1	80	50%	1150	0
Welders	2	74	40%	1150	0

22

**Receptor: R4**

**Results:**  
**1-hour Leq: 64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1050	0
Aerial Lift	3	75	20%	1050	0
Cement and Mortar Mixers	1	79	40%	1075	0
Concrete/Industrial Saws	2	90	20%	1075	0
Cranes (Tower)	1	81	16%	1100	0
Cranes (Mobile)	3	81	16%	1100	0
Forklifts	3	75	20%	1125	0
Generator Sets	1	81	50%	1125	0
Pumps	1	81	50%	1150	0
Signal Boards	1	83	50%	1150	0
Skid Steer Loaders	1	79	40%	1150	0
Welders	3	74	40%	1150	0

22

**Receptor: R4**

**Results:**  
**1-hour Leq: 62.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1050	0
Concrete/Industrial Saws	1	90	20%	1050	0
Cranes (Tower)	1	81	16%	1075	0
Cranes (Mobile)	2	81	16%	1075	0
Forklifts	2	75	20%	1100	0
Generator Sets	1	81	50%	1100	0
Water Truck	1	76	40%	1125	0
Pavers	1	77	50%	1125	0
Paving Equipment	1	85	50%	1150	0
Pumps	1	81	50%	1150	0
Plate Compactors	1	83	20%	1150	0
Rollers	1	80	20%	1150	0
Signal Boards	1	83	50%	1150	0
Surfacing Equipment	1	85	50%	1150	0
Trenchers	1	80	50%	1150	0
Welders	2	74	40%	1150	0

21

**Receptor: R4**

**Results:**  
**1-hour Leq: 63.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	770	5
Concrete/Industrial Saws	1	90	20%	770	5
Excavators	1	81	40%	795	5
Forklifts	1	75	20%	795	5
Generator Sets	1	81	50%	820	5
Water Truck	1	76	40%	820	5
Rubber Tired Dozers	1	82	40%	845	5
Tractors/Loaders/Backhoes	1	79	40%	845	5
Trenchers	1	80	50%	870	5

9

**Receptor:** **R4**

**Results:**  
**1-hour Leq: 57.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	770	5
Bore/Drill Rig	2	79	20%	770	5
Cement and Mortar Mixers	1	79	40%	795	5
Concrete/Industrial Saws	2	90	20%	795	5
Excavators	2	81	40%	820	5
Forklifts	1	75	20%	820	5
Generator Sets	1	81	50%	845	5
Water Truck	1	76	40%	845	5
Pavers	1	77	50%	870	5
Paving Equipment	1	85	50%	870	5
Pumps	1	77	50%	870	5
Plate Compactors	1	83	20%	870	5
Rollers	1	80	20%	870	5
Scrapers	1	84	40%	870	5
Signal Boards	2	83	20%	870	5
Surfacing Equipment	1	85	50%	870	5
Trenchers	1	80	50%	870	5
Welders	1	74	40%	870	5

**Receptor:** <sup>22</sup>  
***R4***

**Results:**  
**1-hour Leq: 61.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	770	5
Aerial Lift	4	75	20%	770	5
Cement and Mortar Mixers	1	79	40%	795	5
Concrete/Industrial Saws	2	90	20%	795	5
Cranes (Tower)	1	81	16%	820	5
Cranes (Mobile)	4	81	16%	820	5
Forklifts	4	75	20%	845	5
Generator Sets	1	81	50%	845	5
Pumps	1	81	50%	870	5
Signal Boards	1	83	50%	870	5
Skid Steer Loaders	1	79	40%	870	5
Welders	4	74	40%	870	5

**Receptor:** <sup>26</sup>  
**R4**

**Results:**  
**1-hour Leq: 60.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	770	5
Concrete/Industrial Saws	1	90	20%	770	5
Cranes (Tower)	1	81	16%	795	5
Cranes (Mobile)	3	81	16%	795	5
Forklifts	2	75	20%	820	5
Generator Sets	1	81	50%	820	5
Water Truck	1	76	40%	845	5
Pavers	1	77	50%	845	5
Paving Equipment	1	85	50%	870	5
Pumps	1	81	50%	870	5
Plate Compactors	1	83	20%	870	5
Rollers	1	80	20%	870	5
Signal Boards	1	83	50%	870	5
Surfacing Equipment	1	85	50%	870	5
Trenchers	1	80	50%	870	5
Welders	2	74	40%	870	5

23  
**Receptor: R4**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	860	15
Concrete/Industrial Saws	1	90	20%	860	15
Excavators	1	81	40%	885	15
Forklifts	1	75	20%	885	15
Generator Sets	1	81	50%	910	15
Water Truck	1	76	40%	910	15
Rough Terrain Forklifts	1	75	20%	935	15
Scrapers	1	84	40%	935	15
Trenchers	1	80	50%	960	15

9  
**Receptor: R4**

**Results:**  
**1-hour Leq: 47.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	860	15
Bore/Drill Rig	3	79	20%	860	15
Cement and Mortar Mixers	1	79	40%	885	15
Concrete/Industrial Saws	2	90	20%	885	15
Excavators	2	81	40%	910	15
Forklifts	1	75	20%	910	15
Generator Sets	1	81	50%	935	15
Water Truck	1	76	40%	935	15
Pumps	1	81	50%	960	15
Rough Terrain Forklifts	1	76	40%	960	15
Rubber Tired Loaders	1	79	40%	960	15
Signal Boards	2	83	50%	960	15
Skid Steer Loaders	1	79	40%	960	15
Surfacing Equipment	1	85	50%	960	15
Tractors/Loaders/Backhoes	1	79	40%	960	15
Trenchers	1	80	50%	960	15
Welders	2	74	40%	960	15

23

**Receptor: R4**

**Results:**  
**1-hour Leq: 50.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	860	15
Aerial Lift	4	75	20%	860	15
Cement and Mortar Mixers	1	79	40%	885	15
Concrete/Industrial Saws	2	90	20%	885	15
Cranes (Tower)	1	81	16%	910	15
Cranes (Mobile)	4	81	16%	910	15
Forklifts	4	75	20%	935	15
Generator Sets	1	81	50%	935	15
Pumps	1	81	50%	960	15
Signal Boards	1	83	50%	960	15
Skid Steer Loaders	1	79	40%	960	15
Welders	4	74	40%	960	15

**Receptor:** <sup>26</sup>  
***R4***

**Results:**  
**1-hour Leq: 49.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	860	15
Concrete/Industrial Saws	1	75	20%	860	15
Cranes (Tower)	1	81	16%	885	15
Cranes (Mobile)	3	81	16%	885	15
Forklifts	2	75	20%	910	15
Generator Sets	1	81	50%	910	15
Water Truck	1	76	40%	935	15
Pavers	1	77	50%	935	15
Paving Equipment	1	85	50%	960	15
Pumps	1	81	50%	960	15
Plate Compactors	1	83	20%	960	15
Rollers	1	80	20%	960	15
Signal Boards	1	83	50%	960	15
Surfacing Equipment	1	85	50%	960	15
Trenchers	1	80	50%	960	15
Welders	2	74	40%	960	15

23  
**Receptor: R4**

**Results:**  
**1-hour Leq: 48.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1100	15
Concrete/Industrial Saws	1	90	20%	1100	15
Excavators	1	81	40%	1125	15
Forklifts	1	75	20%	1125	15
Generator Sets	1	81	50%	1150	15
Water Truck	1	76	40%	1150	15
Rough Terrain Forklifts	1	75	20%	1175	15
Scrapers	1	84	40%	1175	15
Trenchers	1	80	50%	1200	15

9

**Receptor: R4**

**Results:**  
**1-hour Leq: 45.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1100	15
Bore/Drill Rig	4	79	20%	1100	15
Cement and Mortar Mixers	1	79	40%	1125	15
Concrete/Industrial Saws	3	90	20%	1125	15
Excavators	3	81	40%	1150	15
Forklifts	1	75	20%	1150	15
Generator Sets	1	81	50%	1175	15
Water Truck	1	76	40%	1175	15
Pumps	1	81	50%	1200	15
Rough Terrain Forklifts	1	75	20%	1200	15
Rubber Tired Loaders	1	79	40%	1200	15
Signal Boards	2	83	50%	1200	15
Skid Steer Loaders	1	79	40%	1200	15
Surfacing Equipment	1	85	50%	1200	15
Tractors/Loaders/Backhoes	1	79	40%	1200	15
Trenchers	1	80	50%	1200	15
Welders	3	74	40%	1200	15

27  
**Receptor: R4**

**Results:**  
**1-hour Leq: 49.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	1100	15
Aerial Lift	8	75	20%	1100	15
Cement and Mortar Mixers	2	79	40%	1125	15
Concrete/Industrial Saws	3	90	20%	1125	15
Cranes (Tower)	1	81	16%	1150	15
Cranes (Mobile)	5	86	16%	1150	15
Forklifts	5	75	20%	1175	15
Generator Sets	2	81	50%	1175	15
Pumps	1	81	50%	1200	15
Signal Boards	1	83	50%	1200	15
Skid Steer Loaders	1	79	40%	1200	15
Welders	6	74	40%	1200	15

**Receptor:** 38  
**R4**

**Results:**  
**1-hour Leq: 49.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1100	15
Aerial Lift	6	75	20%	1100	15
Cement and Mortar Mixers	1	79	40%	1125	15
Concrete/Industrial Saws	2	90	20%	1125	15
Cranes (Tower)	1	81	16%	1150	15
Cranes (Mobile)	4	81	16%	1150	15
Forklifts	4	75	20%	1175	15
Generator Sets	2	81	50%	1175	15
Water Truck	1	76	40%	1200	15
Pavers	1	77	50%	1200	15
Paving Equipment	1	85	50%	1200	15
Pumps	1	81	50%	1200	15
Plate Compactors	1	83	20%	1200	15
Rollers	1	80	20%	1200	15
Signal Boards	1	83	50%	1200	15
Surfacing Equipment	1	85	50%	1200	15
Trenchers	1	80	50%	1200	15
Welders	5	74	40%	1200	15

**Receptor:** <sup>35</sup>  
**R4**

**Results:**  
**1-hour Leq: 49.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1950	10
Concrete/Industrial Saws	1	90	20%	1950	10
Excavators	1	81	40%	1975	10
Forklifts	1	75	20%	1975	10
Generator Sets	1	81	50%	2000	10
Water Truck	1	76	40%	2000	10
Rough Terrain Forklifts	1	75	20%	2025	10
Scrapers	1	84	40%	2025	10
Trenchers	1	80	50%	2050	10

**Receptor:** <sup>9</sup>  
**R4**

**Results:**  
**1-hour Leq: 45.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1950	10
Bore/Drill Rig	2	79	20%	1950	10
Cement and Mortar Mixers	1	79	40%	1975	10
Concrete/Industrial Saws	2	90	20%	1975	10
Excavators	2	81	40%	2000	10
Forklifts	1	75	20%	2000	10
Generator Sets	1	81	50%	2025	10
Water Truck	1	76	40%	2025	10
Pumps	1	81	50%	2050	10
Rough Terrain Forklifts	1	75	20%	2050	10
Rubber Tired Loaders	1	79	40%	2050	10
Signal Boards	2	83	50%	2050	10
Skid Steer Loaders	1	79	40%	2050	10
Surfacing Equipment	1	85	50%	2050	10
Tractors/Loaders/Backhoes	1	79	40%	2050	10
Trenchers	1	80	50%	2050	10
Welders	2	74	40%	2050	10

**Receptor:** <sup>22</sup>  
**R4**

**Results:**  
**1-hour Leq: 48.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1950	10
Aerial Lift	3	75	20%	1950	10
Cement and Mortar Mixers	1	79	40%	1975	10
Concrete/Industrial Saws	2	90	20%	1975	10
Cranes (Tower)	1	81	16%	2000	10
Cranes (Mobile)	1	86	16%	2000	10
Forklifts	3	75	20%	2025	10
Generator Sets	1	81	50%	2025	10
Pumps	1	81	50%	2050	10
Signal Boards	1	83	50%	2050	10
Skid Steer Loaders	1	79	40%	2050	10
Welders	3	74	40%	2050	10

**Receptor:** <sup>20</sup>  
**R4**

**Results:**  
**1-hour Leq: 47.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1950	10
Concrete/Industrial Saws	1	90	20%	1950	10
Cranes (Tower)	1	81	16%	1975	10
Cranes (Mobile)	2	81	16%	1975	10
Forklifts	2	75	20%	2000	10
Generator Sets	1	81	50%	2000	10
Water Truck	1	76	40%	2025	10
Pavers	1	77	50%	2025	10
Paving Equipment	1	85	50%	2050	10
Pumps	1	81	50%	2050	10
Plate Compactors	1	83	20%	2050	10
Rollers	1	80	20%	2050	10
Signal Boards	1	83	50%	2050	10
Surfacing Equipment	1	85	50%	2050	10
Trenchers	1	80	50%	2050	10
Welders	2	74	40%	2050	10

21  
**Receptor: R4**

**Results:**  
**1-hour Leq: 47.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1600	15
Concrete/Industrial Saws	1	90	20%	1600	15
Excavators	1	81	40%	1625	15
Forklifts	1	75	20%	1625	15
Generator Sets	1	81	50%	1650	15
Water Truck	1	76	40%	1650	15
Rough Terrain Forklifts	1	75	20%	1675	15
Scrapers	1	84	40%	1675	15
Signal Boards	1	83	50%	1700	15
Trenchers	1	80	50%	1700	15

**Receptor:** 10  
**R4**

**Results:**  
**1-hour Leq:** **42.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1600	15
Bore/Drill Rig	3	79	20%	1600	15
Cement and Mortar Mixers	1	79	40%	1625	15
Concrete/Industrial Saws	3	90	20%	1625	15
Excavators	3	81	40%	1650	15
Forklifts	1	75	20%	1650	15
Generator Sets	1	81	50%	1675	15
Water Truck	1	76	40%	1675	15
Pumps	1	81	50%	1700	15
Rubber Tired Loaders	1	79	40%	1700	15
Signal Boards	2	83	50%	1700	15
Skid Steer Loaders	1	79	40%	1700	15
Surfacing Equipment	1	85	50%	1700	15
Tractors/Loaders/Backhoes	1	79	40%	1700	15
Trenchers	1	80	50%	1700	15
Welders	4	74	40%	1700	15

26

**Receptor: R4**

**Results:**  
**1-hour Leq: 46.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1600	15
Aerial Lift	8	75	20%	1600	15
Cement and Mortar Mixers	1	79	40%	1625	15
Concrete/Industrial Saws	5	90	20%	1625	15
Cranes (Tower)	1	81	16%	1650	15
Cranes (Mobile)	4	86	16%	1650	15
Forklifts	3	75	20%	1675	15
Generator Sets	1	81	50%	1675	15
Pumps	1	81	50%	1700	15
Signal Boards	1	83	50%	1700	15
Skid Steer Loaders	1	79	40%	1700	15
Welders	10	74	40%	1700	15

**Receptor:** 38  
**R4**

**Results:**  
**1-hour Leq: 47.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	1600	15
Concrete/Industrial Saws	1	90	20%	1600	15
Cranes (Tower)	1	81	16%	1625	15
Cranes (Mobile)	3	81	16%	1625	15
Forklifts	2	75	20%	1650	15
Generator Sets	1	81	50%	1650	15
Water Truck	1	76	40%	1675	15
Pavers	1	77	50%	1675	15
Paving Equipment	1	85	50%	1700	15
Pumps	1	81	50%	1700	15
Plate Compactors	1	83	20%	1700	15
Rollers	1	80	20%	1700	15
Signal Boards	1	83	50%	1700	15
Surfacing Equipment	1	85	50%	1700	15
Trenchers	1	80	50%	1700	15
Welders	3	74	40%	1700	15

25  
**Receptor: R4**

**Results:**  
**1-hour Leq: 44.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2260	15
Concrete/Industrial Saws	2	90	20%	2260	15
Excavators	1	81	40%	2285	15
Forklifts	1	75	20%	2285	15
Generator Sets	1	81	50%	2310	15
Water Truck	1	76	40%	2310	15
Rough Terrain Forklifts	1	75	20%	2335	15
Scrapers	1	84	40%	2335	15
Signal Boards	1	83	50%	2360	15
Trenchers	1	80	50%	2360	15
Cranes (Mobile)	1	81	16%	2360	15
Skid Steer Loaders	1	79	40%	2360	15

**Receptor:** 13  
**R4**

**Results:**  
**1-hour Leq:** **41.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2260	15
Bore/Drill Rig	2	79	20%	2260	15
Cement and Mortar Mixers	1	79	40%	2285	15
Concrete/Industrial Saws	1	90	20%	2285	15
Excavators	2	81	40%	2310	15
Forklifts	1	75	20%	2310	15
Generator Sets	1	81	50%	2335	15
Water Truck	1	76	40%	2335	15
Pumps	1	81	50%	2360	15
Rough Terrain Forklifts	1	75	20%	2360	15
Rubber Tired Loaders	1	79	40%	2360	15
Signal Boards	2	83	50%	2360	15
Skid Steer Loaders	1	79	40%	2360	15
Surfacing Equipment	1	85	50%	2360	15
Tractors/Loaders/Backhoes	1	79	40%	2360	15
Trenchers	1	80	50%	2360	15
Welders	1	74	40%	2360	15

**Receptor:** <sup>20</sup>  
**R4**

**Results:**  
**1-hour Leq: 41.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	2260	15
Aerial Lift	4	75	20%	2260	15
Cement and Mortar Mixers	1	79	40%	2285	15
Concrete/Industrial Saws	1	90	20%	2285	15
Cranes (Mobile)	2	86	16%	2310	15
Forklifts	2	75	20%	2310	15
Generator Sets	1	81	50%	2335	15
Pumps	1	81	50%	2335	15
Signal Boards	2	83	50%	2360	15
Skid Steer Loaders	1	79	40%	2360	15
Welders	1	74	40%	2360	15

**Receptor:** 18  
**R4**

**Results:**  
**1-hour Leq: 40.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	2260	15
Concrete/Industrial Saws	1	90	20%	2260	15
Forklifts	2	75	20%	2285	15
Pavers	1	77	50%	2285	15
Paving Equipment	1	85	50%	2310	15
Pumps	1	81	50%	2310	15
Plate Compactors	1	83	20%	2335	15
Rollers	1	80	20%	2335	15
Signal Boards	1	83	50%	2360	15
Surfacing Equipment	1	85	50%	2360	15
Trenchers	1	80	50%	2360	15

**Receptor:** 15  
**R4**

**Results:**  
**1-hour Leq: 41.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	5
Cement and Mortar Mixers	1	79	40%	600	5
Concrete/Industrial Saws	1	90	20%	625	5
Forklifts	1	75	20%	625	5
Generator Sets	1	81	50%	650	5
Water Truck	1	76	40%	650	5
Paving Equipment	1	85	50%	675	5
Plate Compactors	1	83	20%	675	5
Rollers	1	80	20%	700	5
Rough Terrain Forklifts	1	75	20%	700	5
Rubber Tired Loaders	1	79	40%	700	5
Scrapers	1	84	40%	700	5
Skid Steer Loaders	1	79	40%	700	5
Welders	1	74	40%	700	5

**Receptor:** <sup>14</sup>  
**R4**

**Results:**  
**1-hour Leq: 61.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	5
Aerial Lift	4	75	20%	600	5
Cement and Mortar Mixers	1	79	40%	625	5
Concrete/Industrial Saws	1	90	20%	625	5
Forklifts	4	75	20%	650	5
Generator Sets	1	81	50%	650	5
Welders	1	74	40%	675	5

**Receptor:** 13  
**R4**

**Results:**  
**1-hour Leq: 58.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	250	0
Concrete/Industrial Saws	1	90	20%	250	0
Excavators	1	81	40%	275	0
Forklifts	1	75	20%	275	0
Generator Sets	1	81	50%	300	0
Water Truck	1	76	40%	300	0
Rubber Tired Dozers	1	82	40%	325	0
Tractors/Loaders/Backhoes	1	79	40%	325	0
Trenches	1	80	50%	350	0

9

**Receptor:** ***R5***

**Results:**  
**1-hour Leq: 72.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	250	0
Bore/Drill Rig	2	80	50%	250	0
Cement and Mortar Mixers	1	79	40%	275	0
Concrete/Industrial Saws	2	90	20%	275	0
Excavators	2	81	40%	300	0
Forklifts	1	75	20%	300	0
Generator Sets	1	81	50%	325	0
Water Truck	1	76	40%	325	0
Pavers	1	77	50%	350	0
Paving Equipment	1	85	50%	350	0
Pumps	1	81	50%	350	0
Plate Compactors	1	83	20%	350	0
Rollers	1	80	20%	350	0
Scrapers	1	84	40%	350	0
Signal Boards	2	83	50%	350	0
Surfacing Equipment	1	85	50%	350	0
Trenchers	1	80	50%	350	0
Welders	1	74	40%	350	0

22

**Receptor:** ***R5***

**Results:**  
**1-hour Leq: 76.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	250	0
Aerial Lift	1	75	20%	250	0
Bore/Drill Rig	1	79	20%	275	0
Cement and Mortar Mixers	1	79	40%	275	0
Concrete/Industrial Saws	1	90	20%	300	0
Cranes (Mobile)	2	81	16%	300	0
Forklifts	1	75	20%	325	0
Water Truck	1	76	40%	325	0
Pumps	1	81	50%	350	0
Plate Compactors	1	83	20%	350	0
Signal Boards	1	83	50%	350	0
Tractors/Loaders/Backhoes	1	79	40%	350	0
Welders	1	74	40%	350	0

14

**Receptor: R5**

**Results:**

**1-hour Leq: 71.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	250	0
Concrete/Industrial Saws	2	90	20%	250	0
Cranes (Mobile)	2	81	16%	275	0
Forklifts	1	75	20%	275	0
Water Truck	1	76	40%	300	0
Signal Boards	1	83	50%	300	0
Trenchers	1	80	50%	325	0
Welders	2	74	40%	325	0

**Receptor:** 12  
**R5**

**Results:**  
**1-hour Leq: 73.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	95	0
Concrete/Industrial Saws	1	90	20%	95	0
Excavators	1	81	40%	120	0
Forklifts	1	75	20%	120	0
Generator Sets	1	81	50%	145	0
Water Truck	1	76	40%	145	0
Rough Terrain Forklifts	1	75	20%	170	0
Scrapers	1	84	40%	170	0
Trenchers	1	80	50%	195	0

**Receptor:** 9  
**R5**

**Results:**  
**1-hour Leq:** **79.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	95	0
Bore/Drill Rig	3	79	20%	95	0
Cement and Mortar Mixers	1	79	40%	120	0
Concrete/Industrial Saws	2	90	20%	120	0
Excavators	2	81	40%	145	0
Forklifts	1	75	20%	145	0
Generator Sets	1	81	50%	170	0
Water Truck	1	76	40%	170	0
Pumps	1	81	50%	195	0
Rough Terrain Forklifts	1	75	20%	195	0
Rubber Tired Dozers	1	82	40%	195	0
Signal Boards	2	83	50%	195	0
Skid Steer Loaders	1	79	40%	195	0
Surfacing Equipment	1	85	50%	195	0
Tractors/Loaders/Backhoes	1	79	40%	195	0
Trenchers	1	80	50%	195	0
Welders	2	74	40%	195	0

23

**Receptor: R5**

**Results:**  
**1-hour Leq: 81.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	95	0
Aerial Lift	4	75	20%	95	0
Cement and Mortar Mixers	1	79	40%	120	0
Concrete/Industrial Saws	2	90	20%	120	0
Cranes (Tower)	1	81	16%	145	0
Cranes (Mobile)	4	81	16%	145	0
Forklifts	4	75	20%	170	0
Generator Sets	1	81	50%	170	0
Pumps	1	81	50%	195	0
Signal Boards	1	83	50%	195	0
Skid Steer Loaders	1	79	40%	195	0
Welders	4	74	40%	195	0

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**Receptor: R5**

**Results:**  
**1-hour Leq: 81.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	95	0
Concrete/Industrial Saws	1	90	20%	95	0
Cranes (Tower)	1	81	16%	120	0
Cranes (Mobile)	3	81	16%	120	0
Forklifts	2	75	20%	145	0
Generator Sets	1	81	50%	145	0
Water Truck	1	76	40%	170	0
Pavers	1	77	50%	170	0
Paving Equipment	1	85	50%	195	0
Pumps	1	81	50%	195	0
Plate Compactors	1	83	20%	195	0
Rollers	1	80	20%	195	0
Signal Boards	1	83	50%	195	0
Surfacing Equipment	1	85	50%	195	0
Trenchers	1	80	50%	195	0
Welders	2	74	40%	195	0

23

**Receptor: R5**

**Results:**  
**1-hour Leq: 81.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	440	0
Concrete/Industrial Saws	1	90	20%	440	0
Excavators	1	81	40%	465	0
Forklifts	1	75	20%	465	0
Generator Sets	1	81	50%	490	0
Water Truck	1	76	40%	490	0
Rough Terrain Forklifts	1	75	20%	515	0
Scrapers	1	84	40%	515	0
Trenchers	1	80	50%	540	0

9

**Receptor:** **R5**

**Results:**  
**1-hour Leq: 67.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	440	0
Bore/Drill Rig	2	79	20%	440	0
Cement and Mortar Mixers	1	79	40%	465	0
Concrete/Industrial Saws	2	90	20%	465	0
Excavators	2	81	40%	490	0
Forklifts	1	75	20%	490	0
Generator Sets	1	81	50%	515	0
Water Truck	1	76	40%	515	0
Pumps	1	81	50%	540	0
Rough Terrain Forklifts	1	75	20%	540	0
Rubber Tired Forklifts	1	75	20%	540	0
Signal Boards	2	83	50%	540	0
Skid Steer Loaders	1	79	40%	540	0
Surfacing Equipment	1	85	50%	540	0
Tractors/Loaders/Backhoes	1	79	40%	540	0
Trenchers	1	80	50%	540	0
Welders	2	74	40%	540	0

22

**Receptor:** ***R5***

**Results:**  
**1-hour Leq: 71.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	440	0
Aerial Lift	3	75	20%	440	0
Cement and Mortar Mixers	1	79	40%	465	0
Concrete/Industrial Saws	2	90	20%	465	0
Cranes (Tower)	1	81	16%	490	0
Cranes (Mobile)	3	81	16%	490	0
Forklifts	3	75	20%	515	0
Generator Sets	1	81	50%	515	0
Pumps	1	81	50%	540	0
Signal Boards	1	83	50%	540	0
Skid Steer Loaders	1	79	40%	540	0
Welders	3	74	40%	540	0

22

**Receptor: R5**

**Results:**  
**1-hour Leq: 69.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	440	0
Concrete/Industrial Saws	1	90	20%	440	0
Cranes (Tower)	1	81	16%	465	0
Cranes (Mobile)	2	81	16%	465	0
Forklifts	2	75	20%	490	0
Generator Sets	1	81	50%	490	0
Water Truck	1	76	40%	515	0
Pavers	1	77	50%	515	0
Paving Equipment	1	85	50%	540	0
Pumps	1	81	50%	540	0
Plate Compactors	1	83	20%	540	0
Rollers	1	80	20%	540	0
Signal Boards	1	83	50%	540	0
Surfacing Equipment	1	85	50%	540	0
Trenchers	1	80	50%	540	0
Welders	2	74	40%	540	0

21

**Receptor: R5**

**Results:**  
**1-hour Leq: 70.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	775	0
Concrete/Industrial Saws	1	90	20%	775	0
Excavators	1	81	40%	800	0
Forklifts	1	75	20%	800	0
Generator Sets	1	81	50%	825	0
Water Truck	1	76	40%	825	0
Rubber Tired Dozers	1	82	40%	850	0
Tractors/Loaders/Backhoes	1	79	40%	850	0
Trenchers	1	80	50%	875	0

**Receptor:** 9  
**R5**

**Results:**  
**1-hour Leq: 62.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	775	0
Bore/Drill Rig	2	79	20%	775	0
Cement and Mortar Mixers	1	79	40%	800	0
Concrete/Industrial Saws	2	90	20%	800	0
Excavators	2	81	40%	825	0
Forklifts	1	75	20%	825	0
Generator Sets	1	81	50%	850	0
Water Truck	1	76	40%	850	0
Pavers	1	77	50%	875	0
Paving Equipment	1	85	50%	875	0
Pumps	1	77	50%	875	0
Plate Compactors	1	83	20%	875	0
Rollers	1	80	20%	875	0
Scrapers	1	84	40%	875	0
Signal Boards	2	83	20%	875	0
Surfacing Equipment	1	85	50%	875	0
Trenchers	1	80	50%	875	0
Welders	1	74	40%	875	0

**Receptor:** <sup>22</sup>  
**R5**

**Results:**  
**1-hour Leq: 66.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	775	0
Aerial Lift	4	75	20%	775	0
Cement and Mortar Mixers	1	79	40%	800	0
Concrete/Industrial Saws	2	90	20%	800	0
Cranes (Tower)	1	81	16%	825	0
Cranes (Mobile)	4	81	16%	825	0
Forklifts	4	75	20%	850	0
Generator Sets	1	81	50%	850	0
Pumps	1	81	50%	875	0
Signal Boards	1	83	50%	875	0
Skid Steer Loaders	1	79	40%	875	0
Welders	4	74	40%	875	0

**Receptor:** <sup>26</sup>  
**R5**

**Results:**  
**1-hour Leq: 65.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	775	0
Concrete/Industrial Saws	1	90	20%	775	0
Cranes (Tower)	1	81	16%	800	0
Cranes (Mobile)	3	81	16%	800	0
Forklifts	2	75	20%	825	0
Generator Sets	1	81	50%	825	0
Water Truck	1	76	40%	850	0
Pavers	1	77	50%	850	0
Paving Equipment	1	85	50%	875	0
Pumps	1	81	50%	875	0
Plate Compactors	1	83	20%	875	0
Rollers	1	80	20%	875	0
Signal Boards	1	83	50%	875	0
Surfacing Equipment	1	85	50%	875	0
Trenchers	1	80	50%	875	0
Welders	2	74	40%	875	0

**Receptor:** <sup>23</sup>  
**R5**

**Results:**  
**1-hour Leq: 65.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	770	0
Concrete/Industrial Saws	1	90	20%	770	0
Excavators	1	81	40%	795	0
Forklifts	1	75	20%	795	0
Generator Sets	1	81	50%	820	0
Water Truck	1	76	40%	820	0
Rough Terrain Forklifts	1	75	20%	845	0
Scrapers	1	84	40%	845	0
Trenchers	1	80	50%	870	0

**Receptor:** <sup>9</sup>  
**R5**

**Results:**  
**1-hour Leq: 63.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	770	0
Bore/Drill Rig	3	79	20%	770	0
Cement and Mortar Mixers	1	79	40%	795	0
Concrete/Industrial Saws	2	90	20%	795	0
Excavators	2	81	40%	820	0
Forklifts	1	75	20%	820	0
Generator Sets	1	81	50%	845	0
Water Truck	1	76	40%	845	0
Pumps	1	81	50%	870	0
Rough Terrain Forklifts	1	76	40%	870	0
Rubber Tired Loaders	1	79	40%	870	0
Signal Boards	2	83	50%	870	0
Skid Steer Loaders	1	79	40%	870	0
Surfacing Equipment	1	85	50%	870	0
Tractors/Loaders/Backhoes	1	79	40%	870	0
Trenchers	1	80	50%	870	0
Welders	2	74	40%	870	0

**Receptor:** <sup>23</sup>  
**R5**

**Results:**  
**1-hour Leq: 66.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	770	0
Aerial Lift	4	75	20%	770	0
Cement and Mortar Mixers	1	79	40%	795	0
Concrete/Industrial Saws	2	90	20%	795	0
Cranes (Tower)	1	81	16%	820	0
Cranes (Mobile)	4	81	16%	820	0
Forklifts	4	75	20%	845	0
Generator Sets	1	81	50%	845	0
Pumps	1	81	50%	870	0
Signal Boards	1	83	50%	870	0
Skid Steer Loaders	1	79	40%	870	0
Welders	4	74	40%	870	0

**Receptor:** <sup>26</sup>  
**R5**

**Results:**  
**1-hour Leq: 65.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	770	0
Concrete/Industrial Saws	1	75	20%	770	0
Cranes (Tower)	1	81	16%	795	0
Cranes (Mobile)	3	81	16%	795	0
Forklifts	2	75	20%	820	0
Generator Sets	1	81	50%	820	0
Water Truck	1	76	40%	845	0
Pavers	1	77	50%	845	0
Paving Equipment	1	85	50%	870	0
Pumps	1	81	50%	870	0
Plate Compactors	1	83	20%	870	0
Rollers	1	80	20%	870	0
Signal Boards	1	83	50%	870	0
Surfacing Equipment	1	85	50%	870	0
Trenchers	1	80	50%	870	0
Welders	2	74	40%	870	0

**Receptor:** <sup>23</sup>  
**R5**

**Results:**  
**1-hour Leq: 64.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	430	0
Concrete/Industrial Saws	1	90	20%	430	0
Excavators	1	81	40%	455	0
Forklifts	1	75	20%	455	0
Generator Sets	1	81	50%	480	0
Water Truck	1	76	40%	480	0
Rough Terrain Forklifts	1	75	20%	505	0
Scrapers	1	84	40%	505	0
Trenchers	1	80	50%	530	0

9

**Receptor: R5**

**Results:**  
**1-hour Leq: 67.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	430	0
Bore/Drill Rig	4	79	20%	430	0
Cement and Mortar Mixers	1	79	40%	455	0
Concrete/Industrial Saws	3	90	20%	455	0
Excavators	3	81	40%	480	0
Forklifts	1	75	20%	480	0
Generator Sets	1	81	50%	505	0
Water Truck	1	76	40%	505	0
Pumps	1	81	50%	530	0
Rough Terrain Forklifts	1	75	20%	530	0
Rubber Tired Loaders	1	79	40%	530	0
Signal Boards	2	83	50%	530	0
Skid Steer Loaders	1	79	40%	530	0
Surfacing Equipment	1	85	50%	530	0
Tractors/Loaders/Backhoes	1	79	40%	530	0
Trenchers	1	80	50%	530	0
Welders	3	74	40%	530	0

**Receptor:** <sup>27</sup>  
**R5**

**Results:**  
**1-hour Leq: 72.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	430	0
Aerial Lift	8	75	20%	430	0
Cement and Mortar Mixers	2	79	40%	455	0
Concrete/Industrial Saws	3	90	20%	455	0
Cranes (Tower)	1	81	16%	480	0
Cranes (Mobile)	5	86	16%	480	0
Forklifts	5	75	20%	505	0
Generator Sets	2	81	50%	505	0
Pumps	1	81	50%	530	0
Signal Boards	1	83	50%	530	0
Skid Steer Loaders	1	79	40%	530	0
Welders	6	74	40%	530	0

**Receptor:** 38  
**R5**

**Results:**  
**1-hour Leq: 72.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	430	0
Aerial Lift	6	75	20%	430	0
Cement and Mortar Mixers	1	79	40%	455	0
Concrete/Industrial Saws	2	90	20%	455	0
Cranes (Tower)	1	81	16%	480	0
Cranes (Mobile)	4	81	16%	480	0
Forklifts	4	75	20%	505	0
Generator Sets	2	81	50%	505	0
Water Truck	1	76	40%	530	0
Pavers	1	77	50%	530	0
Paving Equipment	1	85	50%	530	0
Pumps	1	81	50%	530	0
Plate Compactors	1	83	20%	530	0
Rollers	1	80	20%	530	0
Signal Boards	1	83	50%	530	0
Surfacing Equipment	1	85	50%	530	0
Trenchers	1	80	50%	530	0
Welders	5	74	40%	530	0

**Receptor:** <sup>35</sup>  
**R5**

**Results:**  
**1-hour Leq: 71.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	180	0
Concrete/Industrial Saws	1	90	20%	180	0
Excavators	1	81	40%	205	0
Forklifts	1	75	20%	205	0
Generator Sets	1	81	50%	230	0
Water Truck	1	76	40%	230	0
Rough Terrain Forklifts	1	75	20%	255	0
Scrapers	1	84	40%	255	0
Trenchers	1	80	50%	280	0

**Receptor:** <sup>9</sup>  
**R5**

**Results:**  
**1-hour Leq: 74.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	180	0
Bore/Drill Rig	2	79	20%	180	0
Cement and Mortar Mixers	1	79	40%	205	0
Concrete/Industrial Saws	2	90	20%	205	0
Excavators	2	81	40%	230	0
Forklifts	1	75	20%	230	0
Generator Sets	1	81	50%	255	0
Water Truck	1	76	40%	255	0
Pumps	1	81	50%	280	0
Rough Terrain Forklifts	1	75	20%	280	0
Rubber Tired Loaders	1	79	40%	280	0
Signal Boards	2	83	50%	280	0
Skid Steer Loaders	1	79	40%	280	0
Surfacing Equipment	1	85	50%	280	0
Tractors/Loaders/Backhoes	1	79	40%	280	0
Trenchers	1	80	50%	280	0
Welders	2	74	40%	280	0

**Receptor:** <sup>22</sup>  
**R5**

**Results:**  
**1-hour Leq: 77.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	180	0
Aerial Lift	3	75	20%	180	0
Cement and Mortar Mixers	1	79	40%	205	0
Concrete/Industrial Saws	2	90	20%	205	0
Cranes (Tower)	1	81	16%	230	0
Cranes (Mobile)	1	86	16%	230	0
Forklifts	3	75	20%	255	0
Generator Sets	1	81	50%	255	0
Pumps	1	81	50%	280	0
Signal Boards	1	83	50%	280	0
Skid Steer Loaders	1	79	40%	280	0
Welders	3	74	40%	280	0

**Receptor:** <sup>20</sup>  
**R5**

**Results:**  
**1-hour Leq: 76.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	180	0
Concrete/Industrial Saws	1	90	20%	180	0
Cranes (Tower)	1	81	16%	205	0
Cranes (Mobile)	2	81	16%	205	0
Forklifts	2	75	20%	230	0
Generator Sets	1	81	50%	230	0
Water Truck	1	76	40%	255	0
Pavers	1	77	50%	255	0
Paving Equipment	1	85	50%	280	0
Pumps	1	81	50%	280	0
Plate Compactors	1	83	20%	280	0
Rollers	1	80	20%	280	0
Signal Boards	1	83	50%	280	0
Surfacing Equipment	1	85	50%	280	0
Trenchers	1	80	50%	280	0
Welders	2	74	40%	280	0

**Receptor:** <sup>21</sup>  
**R5**

**Results:**  
**1-hour Leq: 76.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	575	0
Concrete/Industrial Saws	1	90	20%	575	0
Excavators	1	81	40%	600	0
Forklifts	1	75	20%	600	0
Generator Sets	1	81	50%	625	0
Water Truck	1	76	40%	625	0
Rough Terrain Forklifts	1	75	20%	650	0
Scrapers	1	84	40%	650	0
Signal Boards	1	83	50%	675	0
Trenchers	1	80	50%	675	0

**Receptor:** 10  
**R5**

**Results:**  
**1-hour Leq: 66.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	575	0
Bore/Drill Rig	3	79	20%	575	0
Cement and Mortar Mixers	1	79	40%	600	0
Concrete/Industrial Saws	3	90	20%	600	0
Excavators	3	81	40%	625	0
Forklifts	1	75	20%	625	0
Generator Sets	1	81	50%	650	0
Water Truck	1	76	40%	650	0
Pumps	1	81	50%	675	0
Rubber Tired Loaders	1	79	40%	675	0
Signal Boards	2	83	50%	675	0
Skid Steer Loaders	1	79	40%	675	0
Surfacing Equipment	1	85	50%	675	0
Tractors/Loaders/Backhoes	1	79	40%	675	0
Trenchers	1	80	50%	675	0
Welders	4	74	40%	675	0

**Receptor:** <sup>26</sup>  
**R5**

**Results:**  
**1-hour Leq: 69.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	575	0
Aerial Lift	8	75	20%	575	0
Cement and Mortar Mixers	1	79	40%	600	0
Concrete/Industrial Saws	5	90	20%	600	0
Cranes (Tower)	1	81	16%	625	0
Cranes (Mobile)	4	86	16%	625	0
Forklifts	3	75	20%	650	0
Generator Sets	1	81	50%	650	0
Pumps	1	81	50%	675	0
Signal Boards	1	83	50%	675	0
Skid Steer Loaders	1	79	40%	675	0
Welders	10	74	40%	675	0

**Receptor:** 38  
**R5**

**Results:**  
**1-hour Leq: 70.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	575	0
Concrete/Industrial Saws	1	90	20%	575	0
Cranes (Tower)	1	81	16%	600	0
Cranes (Mobile)	3	81	16%	600	0
Forklifts	2	75	20%	625	0
Generator Sets	1	81	50%	625	0
Water Truck	1	76	40%	650	0
Pavers	1	77	50%	650	0
Paving Equipment	1	85	50%	675	0
Pumps	1	81	50%	675	0
Plate Compactors	1	83	20%	675	0
Rollers	1	80	20%	675	0
Signal Boards	1	83	50%	675	0
Surfacing Equipment	1	85	50%	675	0
Trenchers	1	80	50%	675	0
Welders	3	74	40%	675	0

**Receptor:** <sup>25</sup>  
**R5**

**Results:**  
**1-hour Leq: 68.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	520	0
Concrete/Industrial Saws	2	90	20%	520	0
Excavators	1	81	40%	545	0
Forklifts	1	75	20%	545	0
Generator Sets	1	81	50%	570	0
Water Truck	1	76	40%	570	0
Rough Terrain Forklifts	1	75	20%	595	0
Scrapers	1	84	40%	595	0
Signal Boards	1	83	50%	620	0
Trenchers	1	80	50%	620	0
Cranes (Mobile)	1	81	16%	620	0
Skid Steer Loaders	1	79	40%	620	0

**Receptor:** 13  
**R5**

**Results:**  
**1-hour Leq: 68.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	520	0
Bore/Drill Rig	2	79	20%	520	0
Cement and Mortar Mixers	1	79	40%	545	0
Concrete/Industrial Saws	1	90	20%	545	0
Excavators	2	81	40%	570	0
Forklifts	1	75	20%	570	0
Generator Sets	1	81	50%	595	0
Water Truck	1	76	40%	595	0
Pumps	1	81	50%	620	0
Rough Terrain Forklifts	1	75	20%	620	0
Rubber Tired Loaders	1	79	40%	620	0
Signal Boards	2	83	50%	620	0
Skid Steer Loaders	1	79	40%	620	0
Surfacing Equipment	1	85	50%	620	0
Tractors/Loaders/Backhoes	1	79	40%	620	0
Trenchers	1	80	50%	620	0
Welders	1	74	40%	620	0

**Receptor:** <sup>20</sup>  
**R5**

**Results:**  
**1-hour Leq: 68.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	520	0
Aerial Lift	4	75	20%	520	0
Cement and Mortar Mixers	1	79	40%	545	0
Concrete/Industrial Saws	1	90	20%	545	0
Cranes (Mobile)	2	86	16%	570	0
Forklifts	2	75	20%	570	0
Generator Sets	1	81	50%	595	0
Pumps	1	81	50%	595	0
Signal Boards	2	83	50%	620	0
Skid Steer Loaders	1	79	40%	620	0
Welders	1	74	40%	620	0

**Receptor:** 18  
**R5**

**Results:**  
**1-hour Leq: 67.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	520	0
Concrete/Industrial Saws	1	90	20%	520	0
Forklifts	2	75	20%	545	0
Pavers	1	77	50%	545	0
Paving Equipment	1	85	50%	570	0
Pumps	1	81	50%	570	0
Plate Compactors	1	83	20%	595	0
Rollers	1	80	20%	595	0
Signal Boards	1	83	50%	620	0
Surfacing Equipment	1	85	50%	620	0
Trenchers	1	80	50%	620	0

**Receptor:** <sup>15</sup>  
**R5**

**Results:**  
**1-hour Leq: 68.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1120	0
Cement and Mortar Mixers	1	79	40%	1120	0
Concrete/Industrial Saws	1	90	20%	1145	0
Forklifts	1	75	20%	1145	0
Generator Sets	1	81	50%	1170	0
Water Truck	1	76	40%	1170	0
Paving Equipment	1	85	50%	1195	0
Plate Compactors	1	83	20%	1195	0
Rollers	1	80	20%	1220	0
Rough Terrain Forklifts	1	75	20%	1220	0
Rubber Tired Loaders	1	79	40%	1220	0
Scrapers	1	84	40%	1220	0
Skid Steer Loaders	1	79	40%	1220	0
Welders	1	74	40%	1220	0

**Receptor:** 14  
**R5**

**Results:**  
**1-hour Leq: 61.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1120	0
Aerial Lift	4	75	20%	1120	0
Cement and Mortar Mixers	1	79	40%	1145	0
Concrete/Industrial Saws	1	90	20%	1145	0
Forklifts	4	75	20%	1170	0
Generator Sets	1	81	50%	1170	0
Welders	1	74	40%	1195	0

**Receptor:** 13  
**R5**

**Results:**  
**1-hour Leq: 58.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	465	10
Concrete/Industrial Saws	1	90	20%	465	10
Excavators	1	81	40%	490	10
Forklifts	1	75	20%	490	10
Generator Sets	1	81	50%	515	10
Water Truck	1	76	40%	515	10
Rubber Tired Dozers	1	82	40%	540	10
Tractors/Loaders/Backhoes	1	79	40%	540	10
Trenches	1	80	50%	565	10

9

**Receptor:** ***R6***

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	465	10
Bore/Drill Rig	2	80	50%	465	10
Cement and Mortar Mixers	1	79	40%	490	10
Concrete/Industrial Saws	2	90	20%	490	10
Excavators	2	81	40%	515	10
Forklifts	1	75	20%	515	10
Generator Sets	1	81	50%	540	10
Water Truck	1	76	40%	540	10
Pavers	1	77	50%	565	10
Paving Equipment	1	85	50%	565	10
Pumps	1	81	50%	565	10
Plate Compactors	1	83	20%	565	10
Rollers	1	80	20%	565	10
Scrapers	1	84	40%	565	10
Signal Boards	2	83	50%	565	10
Surfacing Equipment	1	85	50%	565	10
Trenchers	1	80	50%	565	10
Welders	1	74	40%	565	10

22

**Receptor:** ***R6***

**Results:**  
**1-hour Leq: 61.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	465	10
Aerial Lift	1	75	20%	465	10
Bore/Drill Rig	1	79	20%	490	10
Cement and Mortar Mixers	1	79	40%	490	10
Concrete/Industrial Saws	1	90	20%	515	10
Cranes (Mobile)	2	81	16%	515	10
Forklifts	1	75	20%	540	10
Water Truck	1	76	40%	540	10
Pumps	1	81	50%	565	10
Plate Compactors	1	83	20%	565	10
Signal Boards	1	83	50%	565	10
Tractors/Loaders/Backhoes	1	79	40%	565	10
Welders	1	74	40%	565	10

14

**Receptor: R6**

**Results:**  
**1-hour Leq: 57.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	465	10
Concrete/Industrial Saws	2	90	20%	465	10
Cranes (Mobile)	2	81	16%	490	10
Forklifts	1	75	20%	490	10
Water Truck	1	76	40%	515	10
Signal Boards	1	83	50%	515	10
Trenchers	1	80	50%	540	10
Welders	2	74	40%	540	10

**Receptor:** 12  
**R6**

**Results:**  
**1-hour Leq: 58.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	10
Concrete/Industrial Saws	1	90	20%	760	10
Excavators	1	81	40%	785	10
Forklifts	1	75	20%	785	10
Generator Sets	1	81	50%	810	10
Water Truck	1	76	40%	810	10
Rough Terrain Forklifts	1	75	20%	835	10
Scrapers	1	84	40%	835	10
Trenchers	1	80	50%	860	10

9

**Receptor:** **R6**

**Results:**  
**1-hour Leq: 53.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	10
Bore/Drill Rig	3	79	20%	760	10
Cement and Mortar Mixers	1	79	40%	785	10
Concrete/Industrial Saws	2	90	20%	785	10
Excavators	2	81	40%	810	10
Forklifts	1	75	20%	810	10
Generator Sets	1	81	50%	835	10
Water Truck	1	76	40%	835	10
Pumps	1	81	50%	860	10
Rough Terrain Forklifts	1	75	20%	860	10
Rubber Tired Dozers	1	82	40%	860	10
Signal Boards	2	83	50%	860	10
Skid Steer Loaders	1	79	40%	860	10
Surfacing Equipment	1	85	50%	860	10
Tractors/Loaders/Backhoes	1	79	40%	860	10
Trenchers	1	80	50%	860	10
Welders	2	74	40%	860	10

23

**Receptor: R6**

**Results:**  
**1-hour Leq: 56.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	760	10
Aerial Lift	4	75	20%	760	10
Cement and Mortar Mixers	1	79	40%	785	10
Concrete/Industrial Saws	2	90	20%	785	10
Cranes (Tower)	1	81	16%	810	10
Cranes (Mobile)	4	81	16%	810	10
Forklifts	4	75	20%	835	10
Generator Sets	1	81	50%	835	10
Pumps	1	81	50%	860	10
Signal Boards	1	83	50%	860	10
Skid Steer Loaders	1	79	40%	860	10
Welders	4	74	40%	860	10

26

**Receptor: R6**

**Results:**  
**1-hour Leq: 55.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	760	10
Concrete/Industrial Saws	1	90	20%	760	10
Cranes (Tower)	1	81	16%	785	10
Cranes (Mobile)	3	81	16%	785	10
Forklifts	2	75	20%	810	10
Generator Sets	1	81	50%	810	10
Water Truck	1	76	40%	835	10
Pavers	1	77	50%	835	10
Paving Equipment	1	85	50%	860	10
Pumps	1	81	50%	860	10
Plate Compactors	1	83	20%	860	10
Rollers	1	80	20%	860	10
Signal Boards	1	83	50%	860	10
Surfacing Equipment	1	85	50%	860	10
Trenchers	1	80	50%	860	10
Welders	2	74	40%	860	10

23

**Receptor: R6**

**Results:**  
**1-hour Leq: 55.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1130	10
Concrete/Industrial Saws	1	90	20%	1130	10
Excavators	1	81	40%	1155	10
Forklifts	1	75	20%	1155	10
Generator Sets	1	81	50%	1180	10
Water Truck	1	76	40%	1180	10
Rough Terrain Forklifts	1	75	20%	1205	10
Scrapers	1	84	40%	1205	10
Trenchers	1	80	50%	1230	10

9

**Receptor:** **R6**

**Results:**  
**1-hour Leq: 49.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1130	10
Bore/Drill Rig	2	79	20%	1130	10
Cement and Mortar Mixers	1	79	40%	1155	10
Concrete/Industrial Saws	2	90	20%	1155	10
Excavators	2	81	40%	1180	10
Forklifts	1	75	20%	1180	10
Generator Sets	1	81	50%	1205	10
Water Truck	1	76	40%	1205	10
Pumps	1	81	50%	1230	10
Rough Terrain Forklifts	1	75	20%	1230	10
Rubber Tired Forklifts	1	75	20%	1230	10
Signal Boards	2	83	50%	1230	10
Skid Steer Loaders	1	79	40%	1230	10
Surfacing Equipment	1	85	50%	1230	10
Tractors/Loaders/Backhoes	1	79	40%	1230	10
Trenchers	1	80	50%	1230	10
Welders	2	74	40%	1230	10

22

**Receptor:** ***R6***

**Results:**  
**1-hour Leq: 53.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1130	10
Aerial Lift	3	75	20%	1130	10
Cement and Mortar Mixers	1	79	40%	1155	10
Concrete/Industrial Saws	2	90	20%	1155	10
Cranes (Tower)	1	81	16%	1180	10
Cranes (Mobile)	3	81	16%	1180	10
Forklifts	3	75	20%	1205	10
Generator Sets	1	81	50%	1205	10
Pumps	1	81	50%	1230	10
Signal Boards	1	83	50%	1230	10
Skid Steer Loaders	1	79	40%	1230	10
Welders	3	74	40%	1230	10

22

**Receptor: R6**

**Results:**  
**1-hour Leq: 52.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1130	10
Concrete/Industrial Saws	1	90	20%	1130	10
Cranes (Tower)	1	81	16%	1155	10
Cranes (Mobile)	2	81	16%	1155	10
Forklifts	2	75	20%	1180	10
Generator Sets	1	81	50%	1180	10
Water Truck	1	76	40%	1205	10
Pavers	1	77	50%	1205	10
Paving Equipment	1	85	50%	1230	10
Pumps	1	81	50%	1230	10
Plate Compactors	1	83	20%	1230	10
Rollers	1	80	20%	1230	10
Signal Boards	1	83	50%	1230	10
Surfacing Equipment	1	85	50%	1230	10
Trenchers	1	80	50%	1230	10
Welders	2	74	40%	1230	10

21

**Receptor: R6**

**Results:**  
**1-hour Leq: 52.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1460	10
Concrete/Industrial Saws	1	90	20%	1460	10
Excavators	1	81	40%	1485	10
Forklifts	1	75	20%	1485	10
Generator Sets	1	81	50%	1510	10
Water Truck	1	76	40%	1510	10
Rubber Tired Dozers	1	82	40%	1535	10
Tractors/Loaders/Backhoes	1	79	40%	1535	10
Trenchers	1	80	50%	1560	10

9

**Receptor:** **R6**

**Results:**  
**1-hour Leq: 47.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1460	10
Bore/Drill Rig	2	79	20%	1460	10
Cement and Mortar Mixers	1	79	40%	1485	10
Concrete/Industrial Saws	2	90	20%	1485	10
Excavators	2	81	40%	1510	10
Forklifts	1	75	20%	1510	10
Generator Sets	1	81	50%	1535	10
Water Truck	1	76	40%	1535	10
Pavers	1	77	50%	1560	10
Paving Equipment	1	85	50%	1560	10
Pumps	1	77	50%	1560	10
Plate Compactors	1	83	20%	1560	10
Rollers	1	80	20%	1560	10
Scrapers	1	84	40%	1560	10
Signal Boards	2	83	20%	1560	10
Surfacing Equipment	1	85	50%	1560	10
Trenchers	1	80	50%	1560	10
Welders	1	74	40%	1560	10

**Receptor:** <sup>22</sup>  
**R6**

**Results:**  
**1-hour Leq: 51.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1460	10
Aerial Lift	4	75	20%	1460	10
Cement and Mortar Mixers	1	79	40%	1485	10
Concrete/Industrial Saws	2	90	20%	1485	10
Cranes (Tower)	1	81	16%	1510	10
Cranes (Mobile)	4	81	16%	1510	10
Forklifts	4	75	20%	1535	10
Generator Sets	1	81	50%	1535	10
Pumps	1	81	50%	1560	10
Signal Boards	1	83	50%	1560	10
Skid Steer Loaders	1	79	40%	1560	10
Welders	4	74	40%	1560	10

**Receptor:** <sup>26</sup>  
**R6**

**Results:**  
**1-hour Leq: 50.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1460	10
Concrete/Industrial Saws	1	90	20%	1460	10
Cranes (Tower)	1	81	16%	1485	10
Cranes (Mobile)	3	81	16%	1485	10
Forklifts	2	75	20%	1510	10
Generator Sets	1	81	50%	1510	10
Water Truck	1	76	40%	1535	10
Pavers	1	77	50%	1535	10
Paving Equipment	1	85	50%	1560	10
Pumps	1	81	50%	1560	10
Plate Compactors	1	83	20%	1560	10
Rollers	1	80	20%	1560	10
Signal Boards	1	83	50%	1560	10
Surfacing Equipment	1	85	50%	1560	10
Trenchers	1	80	50%	1560	10
Welders	2	74	40%	1560	10

**Receptor:** <sup>23</sup>  
**R6**

**Results:**  
**1-hour Leq: 50.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1470	10
Concrete/Industrial Saws	1	90	20%	1470	10
Excavators	1	81	40%	1495	10
Forklifts	1	75	20%	1495	10
Generator Sets	1	81	50%	1520	10
Water Truck	1	76	40%	1520	10
Rough Terrain Forklifts	1	75	20%	1545	10
Scrapers	1	84	40%	1545	10
Trenchers	1	80	50%	1570	10

9  
**Receptor: R6**

**Results:**  
**1-hour Leq: 47.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1470	10
Bore/Drill Rig	3	79	20%	1470	10
Cement and Mortar Mixers	1	79	40%	1495	10
Concrete/Industrial Saws	2	90	20%	1495	10
Excavators	2	81	40%	1520	10
Forklifts	1	75	20%	1520	10
Generator Sets	1	81	50%	1545	10
Water Truck	1	76	40%	1545	10
Pumps	1	81	50%	1570	10
Rough Terrain Forklifts	1	76	40%	1570	10
Rubber Tired Loaders	1	79	40%	1570	10
Signal Boards	2	83	50%	1570	10
Skid Steer Loaders	1	79	40%	1570	10
Surfacing Equipment	1	85	50%	1570	10
Tractors/Loaders/Backhoes	1	79	40%	1570	10
Trenchers	1	80	50%	1570	10
Welders	2	74	40%	1570	10

23  
**Receptor: R6**

**Results:**  
**1-hour Leq: 51.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1470	10
Aerial Lift	4	75	20%	1470	10
Cement and Mortar Mixers	1	79	40%	1495	10
Concrete/Industrial Saws	2	90	20%	1495	10
Cranes (Tower)	1	81	16%	1520	10
Cranes (Mobile)	4	81	16%	1520	10
Forklifts	4	75	20%	1545	10
Generator Sets	1	81	50%	1545	10
Pumps	1	81	50%	1570	10
Signal Boards	1	83	50%	1570	10
Skid Steer Loaders	1	79	40%	1570	10
Welders	4	74	40%	1570	10

**Receptor:** <sup>26</sup>  
**R6**

**Results:**  
**1-hour Leq: 50.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1470	10
Concrete/Industrial Saws	1	75	20%	1470	10
Cranes (Tower)	1	81	16%	1495	10
Cranes (Mobile)	3	81	16%	1495	10
Forklifts	2	75	20%	1520	10
Generator Sets	1	81	50%	1520	10
Water Truck	1	76	40%	1545	10
Pavers	1	77	50%	1545	10
Paving Equipment	1	85	50%	1570	10
Pumps	1	81	50%	1570	10
Plate Compactors	1	83	20%	1570	10
Rollers	1	80	20%	1570	10
Signal Boards	1	83	50%	1570	10
Surfacing Equipment	1	85	50%	1570	10
Trenchers	1	80	50%	1570	10
Welders	2	74	40%	1570	10

23  
**Receptor: R6**

**Results:**  
**1-hour Leq: 49.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1120	10
Concrete/Industrial Saws	1	90	20%	1120	10
Excavators	1	81	40%	1145	10
Forklifts	1	75	20%	1145	10
Generator Sets	1	81	50%	1170	10
Water Truck	1	76	40%	1170	10
Rough Terrain Forklifts	1	75	20%	1195	10
Scrapers	1	84	40%	1195	10
Trenchers	1	80	50%	1220	10

9

**Receptor: R6**

**Results:**  
**1-hour Leq: 49.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1120	10
Bore/Drill Rig	4	79	20%	1120	10
Cement and Mortar Mixers	1	79	40%	1145	10
Concrete/Industrial Saws	3	90	20%	1145	10
Excavators	3	81	40%	1170	10
Forklifts	1	75	20%	1170	10
Generator Sets	1	81	50%	1195	10
Water Truck	1	76	40%	1195	10
Pumps	1	81	50%	1220	10
Rough Terrain Forklifts	1	75	20%	1220	10
Rubber Tired Loaders	1	79	40%	1220	10
Signal Boards	2	83	50%	1220	10
Skid Steer Loaders	1	79	40%	1220	10
Surfacing Equipment	1	85	50%	1220	10
Tractors/Loaders/Backhoes	1	79	40%	1220	10
Trenchers	1	80	50%	1220	10
Welders	3	74	40%	1220	10

27  
**Receptor: R6**

**Results:**  
**1-hour Leq: 54.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	1120	10
Aerial Lift	8	75	20%	1120	10
Cement and Mortar Mixers	2	79	40%	1145	10
Concrete/Industrial Saws	3	90	20%	1145	10
Cranes (Tower)	1	81	16%	1170	10
Cranes (Mobile)	5	86	16%	1170	10
Forklifts	5	75	20%	1195	10
Generator Sets	2	81	50%	1195	10
Pumps	1	81	50%	1220	10
Signal Boards	1	83	50%	1220	10
Skid Steer Loaders	1	79	40%	1220	10
Welders	6	74	40%	1220	10

**Receptor:** 38  
**R6**

**Results:**  
**1-hour Leq: 54.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1120	10
Aerial Lift	6	75	20%	1120	10
Cement and Mortar Mixers	1	79	40%	1145	10
Concrete/Industrial Saws	2	90	20%	1145	10
Cranes (Tower)	1	81	16%	1170	10
Cranes (Mobile)	4	81	16%	1170	10
Forklifts	4	75	20%	1195	10
Generator Sets	2	81	50%	1195	10
Water Truck	1	76	40%	1220	10
Pavers	1	77	50%	1220	10
Paving Equipment	1	85	50%	1220	10
Pumps	1	81	50%	1220	10
Plate Compactors	1	83	20%	1220	10
Rollers	1	80	20%	1220	10
Signal Boards	1	83	50%	1220	10
Surfacing Equipment	1	85	50%	1220	10
Trenchers	1	80	50%	1220	10
Welders	5	74	40%	1220	10

**Receptor:** <sup>35</sup>  
**R6**

**Results:**  
**1-hour Leq: 54.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	340	10
Concrete/Industrial Saws	1	90	20%	340	10
Excavators	1	81	40%	365	10
Forklifts	1	75	20%	365	10
Generator Sets	1	81	50%	390	10
Water Truck	1	76	40%	390	10
Rough Terrain Forklifts	1	75	20%	415	10
Scrapers	1	84	40%	415	10
Trenchers	1	80	50%	440	10

**Receptor:** <sup>9</sup>  
**R6**

**Results:**  
**1-hour Leq: 59.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	340	10
Bore/Drill Rig	2	79	20%	340	10
Cement and Mortar Mixers	1	79	40%	365	10
Concrete/Industrial Saws	2	90	20%	365	10
Excavators	2	81	40%	390	10
Forklifts	1	75	20%	390	10
Generator Sets	1	81	50%	415	10
Water Truck	1	76	40%	415	10
Pumps	1	81	50%	440	10
Rough Terrain Forklifts	1	75	20%	440	10
Rubber Tired Loaders	1	79	40%	440	10
Signal Boards	2	83	50%	440	10
Skid Steer Loaders	1	79	40%	440	10
Surfacing Equipment	1	85	50%	440	10
Tractors/Loaders/Backhoes	1	79	40%	440	10
Trenchers	1	80	50%	440	10
Welders	2	74	40%	440	10

**Receptor:** <sup>22</sup>  
**R6**

**Results:**  
**1-hour Leq: 63.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	340	10
Aerial Lift	3	75	20%	340	10
Cement and Mortar Mixers	1	79	40%	365	10
Concrete/Industrial Saws	2	90	20%	365	10
Cranes (Tower)	1	81	16%	390	10
Cranes (Mobile)	1	86	16%	390	10
Forklifts	3	75	20%	415	10
Generator Sets	1	81	50%	415	10
Pumps	1	81	50%	440	10
Signal Boards	1	83	50%	440	10
Skid Steer Loaders	1	79	40%	440	10
Welders	3	74	40%	440	10

**Receptor:** <sup>20</sup>  
**R6**

**Results:**  
**1-hour Leq: 61.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	340	10
Concrete/Industrial Saws	1	90	20%	340	10
Cranes (Tower)	1	81	16%	365	10
Cranes (Mobile)	2	81	16%	365	10
Forklifts	2	75	20%	390	10
Generator Sets	1	81	50%	390	10
Water Truck	1	76	40%	415	10
Pavers	1	77	50%	415	10
Paving Equipment	1	85	50%	440	10
Pumps	1	81	50%	440	10
Plate Compactors	1	83	20%	440	10
Rollers	1	80	20%	440	10
Signal Boards	1	83	50%	440	10
Surfacing Equipment	1	85	50%	440	10
Trenchers	1	80	50%	440	10
Welders	2	74	40%	440	10

**Receptor:** <sup>21</sup>  
**R6**

**Results:**  
**1-hour Leq: 61.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1020	10
Concrete/Industrial Saws	1	90	20%	1020	10
Excavators	1	81	40%	1045	10
Forklifts	1	75	20%	1045	10
Generator Sets	1	81	50%	1070	10
Water Truck	1	76	40%	1070	10
Rough Terrain Forklifts	1	75	20%	1095	10
Scrapers	1	84	40%	1095	10
Signal Boards	1	83	50%	1120	10
Trenchers	1	80	50%	1120	10

**Receptor:** 10  
**R6**

**Results:**  
**1-hour Leq:** **51.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1020	10
Bore/Drill Rig	3	79	20%	1020	10
Cement and Mortar Mixers	1	79	40%	1045	10
Concrete/Industrial Saws	3	90	20%	1045	10
Excavators	3	81	40%	1070	10
Forklifts	1	75	20%	1070	10
Generator Sets	1	81	50%	1095	10
Water Truck	1	76	40%	1095	10
Pumps	1	81	50%	1120	10
Rubber Tired Loaders	1	79	40%	1120	10
Signal Boards	2	83	50%	1120	10
Skid Steer Loaders	1	79	40%	1120	10
Surfacing Equipment	1	85	50%	1120	10
Tractors/Loaders/Backhoes	1	79	40%	1120	10
Trenchers	1	80	50%	1120	10
Welders	4	74	40%	1120	10

**Receptor:** <sup>26</sup>  
**R6**

**Results:**  
**1-hour Leq: 55.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1020	10
Aerial Lift	8	75	20%	1020	10
Cement and Mortar Mixers	1	79	40%	1045	10
Concrete/Industrial Saws	5	90	20%	1045	10
Cranes (Tower)	1	81	16%	1070	10
Cranes (Mobile)	4	86	16%	1070	10
Forklifts	3	75	20%	1095	10
Generator Sets	1	81	50%	1095	10
Pumps	1	81	50%	1120	10
Signal Boards	1	83	50%	1120	10
Skid Steer Loaders	1	79	40%	1120	10
Welders	10	74	40%	1120	10

**Receptor:** 38  
**R6**

**Results:**  
**1-hour Leq: 56.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	1020	10
Concrete/Industrial Saws	1	90	20%	1020	10
Cranes (Tower)	1	81	16%	1045	10
Cranes (Mobile)	3	81	16%	1045	10
Forklifts	2	75	20%	1070	10
Generator Sets	1	81	50%	1070	10
Water Truck	1	76	40%	1095	10
Pavers	1	77	50%	1095	10
Paving Equipment	1	85	50%	1120	10
Pumps	1	81	50%	1120	10
Plate Compactors	1	83	20%	1120	10
Rollers	1	80	20%	1120	10
Signal Boards	1	83	50%	1120	10
Surfacing Equipment	1	85	50%	1120	10
Trenchers	1	80	50%	1120	10
Welders	3	74	40%	1120	10

**Receptor:** <sup>25</sup>  
**R6**

**Results:**  
**1-hour Leq: 53.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	340	5
Concrete/Industrial Saws	2	90	20%	340	5
Excavators	1	81	40%	365	5
Forklifts	1	75	20%	365	5
Generator Sets	1	81	50%	390	5
Water Truck	1	76	40%	390	5
Rough Terrain Forklifts	1	75	20%	415	5
Scrapers	1	84	40%	415	5
Signal Boards	1	83	50%	440	5
Trenchers	1	80	50%	440	5
Cranes (Mobile)	1	81	16%	440	5
Skid Steer Loaders	1	79	40%	440	5

**Receptor:** 13  
**R6**

**Results:**  
**1-hour Leq: 67.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	340	5
Bore/Drill Rig	2	79	20%	340	5
Cement and Mortar Mixers	1	79	40%	365	5
Concrete/Industrial Saws	1	90	20%	365	5
Excavators	2	81	40%	390	5
Forklifts	1	75	20%	390	5
Generator Sets	1	81	50%	415	5
Water Truck	1	76	40%	415	5
Pumps	1	81	50%	440	5
Rough Terrain Forklifts	1	75	20%	440	5
Rubber Tired Loaders	1	79	40%	440	5
Signal Boards	2	83	50%	440	5
Skid Steer Loaders	1	79	40%	440	5
Surfacing Equipment	1	85	50%	440	5
Tractors/Loaders/Backhoes	1	79	40%	440	5
Trenchers	1	80	50%	440	5
Welders	1	74	40%	440	5

**Receptor:** <sup>20</sup>  
**R6**

**Results:**  
**1-hour Leq: 67.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	340	5
Aerial Lift	4	75	20%	340	5
Cement and Mortar Mixers	1	79	40%	365	5
Concrete/Industrial Saws	1	90	20%	365	5
Cranes (Mobile)	2	86	16%	390	5
Forklifts	2	75	20%	390	5
Generator Sets	1	81	50%	415	5
Pumps	1	81	50%	415	5
Signal Boards	2	83	50%	440	5
Skid Steer Loaders	1	79	40%	440	5
Welders	1	74	40%	440	5

**Receptor:** 18  
**R6**

**Results:**  
**1-hour Leq: 66.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	340	5
Concrete/Industrial Saws	1	90	20%	340	5
Forklifts	2	75	20%	365	5
Pavers	1	77	50%	365	5
Paving Equipment	1	85	50%	390	5
Pumps	1	81	50%	390	5
Plate Compactors	1	83	20%	415	5
Rollers	1	80	20%	415	5
Signal Boards	1	83	50%	440	5
Surfacing Equipment	1	85	50%	440	5
Trenchers	1	80	50%	440	5

**Receptor:** <sup>15</sup>  
**R6**

**Results:**  
**1-hour Leq: 66.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1810	10
Cement and Mortar Mixers	1	79	40%	1810	10
Concrete/Industrial Saws	1	90	20%	1835	10
Forklifts	1	75	20%	1835	10
Generator Sets	1	81	50%	1860	10
Water Truck	1	76	40%	1860	10
Paving Equipment	1	85	50%	1885	10
Plate Compactors	1	83	20%	1885	10
Rollers	1	80	20%	1910	10
Rough Terrain Forklifts	1	75	20%	1910	10
Rubber Tired Loaders	1	79	40%	1910	10
Scrapers	1	84	40%	1910	10
Skid Steer Loaders	1	79	40%	1910	10
Welders	1	74	40%	1910	10

**Receptor:** 14  
**R6**

**Results:**  
**1-hour Leq:** **47.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1810	10
Aerial Lift	4	75	20%	1810	10
Cement and Mortar Mixers	1	79	40%	1835	10
Concrete/Industrial Saws	1	90	20%	1835	10
Forklifts	4	75	20%	1860	10
Generator Sets	1	81	50%	1860	10
Welders	1	74	40%	1885	10

**Receptor:** 13  
**R6**

**Results:**  
**1-hour Leq:** **44.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	65	0
Concrete/Industrial Saws	1	90	20%	65	0
Excavators	1	81	40%	90	0
Forklifts	1	75	20%	90	0
Generator Sets	1	81	50%	115	0
Water Truck	1	76	40%	115	0
Rubber Tired Dozers	1	82	40%	140	0
Tractors/Loaders/Backhoes	1	79	40%	140	0
Trenches	1	80	50%	165	0

9

**Receptor:** ***R7***

**Results:**  
**1-hour Leq: 82.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	65	0
Bore/Drill Rig	2	80	50%	65	0
Cement and Mortar Mixers	1	79	40%	90	0
Concrete/Industrial Saws	2	90	20%	90	0
Excavators	2	81	40%	115	0
Forklifts	1	75	20%	115	0
Generator Sets	1	81	50%	140	0
Water Truck	1	76	40%	140	0
Pavers	1	77	50%	165	0
Paving Equipment	1	85	50%	165	0
Pumps	1	81	50%	165	0
Plate Compactors	1	83	20%	165	0
Rollers	1	80	20%	165	0
Scrapers	1	84	40%	165	0
Signal Boards	2	83	50%	165	0
Surfacing Equipment	1	85	50%	165	0
Trenchers	1	80	50%	165	0
Welders	1	74	40%	165	0

22

**Receptor:** ***R7***

**Results:**  
**1-hour Leq: 85.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	65	0
Aerial Lift	1	75	20%	65	0
Bore/Drill Rig	1	79	20%	90	0
Cement and Mortar Mixers	1	79	40%	90	0
Concrete/Industrial Saws	1	90	20%	115	0
Cranes (Mobile)	2	81	16%	115	0
Forklifts	1	75	20%	140	0
Water Truck	1	76	40%	140	0
Pumps	1	81	50%	165	0
Plate Compactors	1	83	20%	165	0
Signal Boards	1	83	50%	165	0
Tractors/Loaders/Backhoes	1	79	40%	165	0
Welders	1	74	40%	165	0

14

**Receptor:** **R7**

**Results:**

**1-hour Leq: 80.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	65	0
Concrete/Industrial Saws	2	90	20%	65	0
Cranes (Mobile)	2	81	16%	90	0
Forklifts	1	75	20%	90	0
Water Truck	1	76	40%	115	0
Signal Boards	1	83	50%	115	0
Trenchers	1	80	50%	140	0
Welders	2	74	40%	140	0

**Receptor:** 12  
**R7**

**Results:**  
**1-hour Leq: 84.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	665	0
Concrete/Industrial Saws	1	90	20%	665	0
Excavators	1	81	40%	690	0
Forklifts	1	75	20%	690	0
Generator Sets	1	81	50%	715	0
Water Truck	1	76	40%	715	0
Rough Terrain Forklifts	1	75	20%	740	0
Scrapers	1	84	40%	740	0
Trenchers	1	80	50%	765	0

9

**Receptor:** **R7**

**Results:**  
**1-hour Leq: 64.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	665	0
Bore/Drill Rig	3	79	20%	665	0
Cement and Mortar Mixers	1	79	40%	690	0
Concrete/Industrial Saws	2	90	20%	690	0
Excavators	2	81	40%	715	0
Forklifts	1	75	20%	715	0
Generator Sets	1	81	50%	740	0
Water Truck	1	76	40%	740	0
Pumps	1	81	50%	765	0
Rough Terrain Forklifts	1	75	20%	765	0
Rubber Tired Dozers	1	82	40%	765	0
Signal Boards	2	83	50%	765	0
Skid Steer Loaders	1	79	40%	765	0
Surfacing Equipment	1	85	50%	765	0
Tractors/Loaders/Backhoes	1	79	40%	765	0
Trenchers	1	80	50%	765	0
Welders	2	74	40%	765	0

23

**Receptor:** ***R7***

**Results:**  
**1-hour Leq: 67.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	665	0
Aerial Lift	4	75	20%	665	0
Cement and Mortar Mixers	1	79	40%	690	0
Concrete/Industrial Saws	2	90	20%	690	0
Cranes (Tower)	1	81	16%	715	0
Cranes (Mobile)	4	81	16%	715	0
Forklifts	4	75	20%	740	0
Generator Sets	1	81	50%	740	0
Pumps	1	81	50%	765	0
Signal Boards	1	83	50%	765	0
Skid Steer Loaders	1	79	40%	765	0
Welders	4	74	40%	765	0

26

**Receptor: R7**

**Results:**  
**1-hour Leq: 66.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	665	0
Concrete/Industrial Saws	1	90	20%	665	0
Cranes (Tower)	1	81	16%	690	0
Cranes (Mobile)	3	81	16%	690	0
Forklifts	2	75	20%	715	0
Generator Sets	1	81	50%	715	0
Water Truck	1	76	40%	740	0
Pavers	1	77	50%	740	0
Paving Equipment	1	85	50%	765	0
Pumps	1	81	50%	765	0
Plate Compactors	1	83	20%	765	0
Rollers	1	80	20%	765	0
Signal Boards	1	83	50%	765	0
Surfacing Equipment	1	85	50%	765	0
Trenchers	1	80	50%	765	0
Welders	2	74	40%	765	0

23

**Receptor: R7**

**Results:**  
**1-hour Leq: 66.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	925	0
Concrete/Industrial Saws	1	90	20%	925	0
Excavators	1	81	40%	950	0
Forklifts	1	75	20%	950	0
Generator Sets	1	81	50%	975	0
Water Truck	1	76	40%	975	0
Rough Terrain Forklifts	1	75	20%	1000	0
Scrapers	1	84	40%	1000	0
Trenchers	1	80	50%	1025	0

9

**Receptor:** **R7**

**Results:**  
**1-hour Leq: 61.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	925	0
Bore/Drill Rig	2	79	20%	925	0
Cement and Mortar Mixers	1	79	40%	950	0
Concrete/Industrial Saws	2	90	20%	950	0
Excavators	2	81	40%	975	0
Forklifts	1	75	20%	975	0
Generator Sets	1	81	50%	1000	0
Water Truck	1	76	40%	1000	0
Pumps	1	81	50%	1025	0
Rough Terrain Forklifts	1	75	20%	1025	0
Rubber Tired Forklifts	1	75	20%	1025	0
Signal Boards	2	83	50%	1025	0
Skid Steer Loaders	1	79	40%	1025	0
Surfacing Equipment	1	85	50%	1025	0
Tractors/Loaders/Backhoes	1	79	40%	1025	0
Trenchers	1	80	50%	1025	0
Welders	2	74	40%	1025	0

22

**Receptor:** ***R7***

**Results:**  
**1-hour Leq: 65.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	925	0
Aerial Lift	3	75	20%	925	0
Cement and Mortar Mixers	1	79	40%	950	0
Concrete/Industrial Saws	2	90	20%	950	0
Cranes (Tower)	1	81	16%	975	0
Cranes (Mobile)	3	81	16%	975	0
Forklifts	3	75	20%	1000	0
Generator Sets	1	81	50%	1000	0
Pumps	1	81	50%	1025	0
Signal Boards	1	83	50%	1025	0
Skid Steer Loaders	1	79	40%	1025	0
Welders	3	74	40%	1025	0

22

**Receptor: R7**

**Results:**  
**1-hour Leq: 63.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	925	0
Concrete/Industrial Saws	1	90	20%	925	0
Cranes (Tower)	1	81	16%	950	0
Cranes (Mobile)	2	81	16%	950	0
Forklifts	2	75	20%	975	0
Generator Sets	1	81	50%	975	0
Water Truck	1	76	40%	1000	0
Pavers	1	77	50%	1000	0
Paving Equipment	1	85	50%	1025	0
Pumps	1	81	50%	1025	0
Plate Compactors	1	83	20%	1025	0
Rollers	1	80	20%	1025	0
Signal Boards	1	83	50%	1025	0
Surfacing Equipment	1	85	50%	1025	0
Trenchers	1	80	50%	1025	0
Welders	2	74	40%	1025	0

21

**Receptor: R7**

**Results:**  
**1-hour Leq: 64.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	4240	0
Concrete/Industrial Saws	1	90	20%	4240	0
Excavators	1	81	40%	4265	0
Forklifts	1	75	20%	4265	0
Generator Sets	1	81	50%	4290	0
Water Truck	1	76	40%	4290	0
Rubber Tired Dozers	1	82	40%	4315	0
Tractors/Loaders/Backhoes	1	79	40%	4315	0
Trenchers	1	80	50%	4340	0

9

**Receptor:** **R7**

**Results:**  
**1-hour Leq: 48.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	4240	0
Bore/Drill Rig	2	79	20%	4240	0
Cement and Mortar Mixers	1	79	40%	4265	0
Concrete/Industrial Saws	2	90	20%	4265	0
Excavators	2	81	40%	4290	0
Forklifts	1	75	20%	4290	0
Generator Sets	1	81	50%	4315	0
Water Truck	1	76	40%	4315	0
Pavers	1	77	50%	4340	0
Paving Equipment	1	85	50%	4340	0
Pumps	1	77	50%	4340	0
Plate Compactors	1	83	20%	4340	0
Rollers	1	80	20%	4340	0
Scrapers	1	84	40%	4340	0
Signal Boards	2	83	20%	4340	0
Surfacing Equipment	1	85	50%	4340	0
Trenchers	1	80	50%	4340	0
Welders	1	74	40%	4340	0

**Receptor:** <sup>22</sup>  
**R7**

**Results:**  
**1-hour Leq: 52.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	4240	0
Aerial Lift	4	75	20%	4240	0
Cement and Mortar Mixers	1	79	40%	4265	0
Concrete/Industrial Saws	2	90	20%	4265	0
Cranes (Tower)	1	81	16%	4290	0
Cranes (Mobile)	4	81	16%	4290	0
Forklifts	4	75	20%	4315	0
Generator Sets	1	81	50%	4315	0
Pumps	1	81	50%	4340	0
Signal Boards	1	83	50%	4340	0
Skid Steer Loaders	1	79	40%	4340	0
Welders	4	74	40%	4340	0

**Receptor:** <sup>26</sup>  
**R7**

**Results:**  
**1-hour Leq: 51.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	4240	0
Concrete/Industrial Saws	1	90	20%	4240	0
Cranes (Tower)	1	81	16%	4265	0
Cranes (Mobile)	3	81	16%	4265	0
Forklifts	2	75	20%	4290	0
Generator Sets	1	81	50%	4290	0
Water Truck	1	76	40%	4315	0
Pavers	1	77	50%	4315	0
Paving Equipment	1	85	50%	4340	0
Pumps	1	81	50%	4340	0
Plate Compactors	1	83	20%	4340	0
Rollers	1	80	20%	4340	0
Signal Boards	1	83	50%	4340	0
Surfacing Equipment	1	85	50%	4340	0
Trenchers	1	80	50%	4340	0
Welders	2	74	40%	4340	0

**Receptor:** <sup>23</sup>  
**R7**

**Results:**  
**1-hour Leq: 51.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1190	0
Concrete/Industrial Saws	1	90	20%	1190	0
Excavators	1	81	40%	1215	0
Forklifts	1	75	20%	1215	0
Generator Sets	1	81	50%	1240	0
Water Truck	1	76	40%	1240	0
Rough Terrain Forklifts	1	75	20%	1265	0
Scrapers	1	84	40%	1265	0
Trenchers	1	80	50%	1290	0

**Receptor:** <sup>9</sup>  
***R7***

**Results:**  
**1-hour Leq: 59.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1190	0
Bore/Drill Rig	3	79	20%	1190	0
Cement and Mortar Mixers	1	79	40%	1215	0
Concrete/Industrial Saws	2	90	20%	1215	0
Excavators	2	81	40%	1240	0
Forklifts	1	75	20%	1240	0
Generator Sets	1	81	50%	1265	0
Water Truck	1	76	40%	1265	0
Pumps	1	81	50%	1290	0
Rough Terrain Forklifts	1	76	40%	1290	0
Rubber Tired Loaders	1	79	40%	1290	0
Signal Boards	2	83	50%	1290	0
Skid Steer Loaders	1	79	40%	1290	0
Surfacing Equipment	1	85	50%	1290	0
Tractors/Loaders/Backhoes	1	79	40%	1290	0
Trenchers	1	80	50%	1290	0
Welders	2	74	40%	1290	0

**Receptor:** <sup>23</sup>  
**R7**

**Results:**  
**1-hour Leq: 63.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1190	0
Aerial Lift	4	75	20%	1190	0
Cement and Mortar Mixers	1	79	40%	1215	0
Concrete/Industrial Saws	2	90	20%	1215	0
Cranes (Tower)	1	81	16%	1240	0
Cranes (Mobile)	4	81	16%	1240	0
Forklifts	4	75	20%	1265	0
Generator Sets	1	81	50%	1265	0
Pumps	1	81	50%	1290	0
Signal Boards	1	83	50%	1290	0
Skid Steer Loaders	1	79	40%	1290	0
Welders	4	74	40%	1290	0

**Receptor:** <sup>26</sup>  
***R7***

**Results:**  
**1-hour Leq: 61.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1190	0
Concrete/Industrial Saws	1	75	20%	1190	0
Cranes (Tower)	1	81	16%	1215	0
Cranes (Mobile)	3	81	16%	1215	0
Forklifts	2	75	20%	1240	0
Generator Sets	1	81	50%	1240	0
Water Truck	1	76	40%	1265	0
Pavers	1	77	50%	1265	0
Paving Equipment	1	85	50%	1290	0
Pumps	1	81	50%	1290	0
Plate Compactors	1	83	20%	1290	0
Rollers	1	80	20%	1290	0
Signal Boards	1	83	50%	1290	0
Surfacing Equipment	1	85	50%	1290	0
Trenchers	1	80	50%	1290	0
Welders	2	74	40%	1290	0

**Receptor:** <sup>23</sup>  
**R7**

**Results:**  
**1-hour Leq: 61.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	0
Concrete/Industrial Saws	1	90	20%	760	0
Excavators	1	81	40%	785	0
Forklifts	1	75	20%	785	0
Generator Sets	1	81	50%	810	0
Water Truck	1	76	40%	810	0
Rough Terrain Forklifts	1	75	20%	835	0
Scrapers	1	84	40%	835	0
Trenchers	1	80	50%	860	0

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**Receptor: R7**

**Results:**  
**1-hour Leq: 63.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	0
Bore/Drill Rig	4	79	20%	760	0
Cement and Mortar Mixers	1	79	40%	785	0
Concrete/Industrial Saws	3	90	20%	785	0
Excavators	3	81	40%	810	0
Forklifts	1	75	20%	810	0
Generator Sets	1	81	50%	835	0
Water Truck	1	76	40%	835	0
Pumps	1	81	50%	860	0
Rough Terrain Forklifts	1	75	20%	860	0
Rubber Tired Loaders	1	79	40%	860	0
Signal Boards	2	83	50%	860	0
Skid Steer Loaders	1	79	40%	860	0
Surfacing Equipment	1	85	50%	860	0
Tractors/Loaders/Backhoes	1	79	40%	860	0
Trenchers	1	80	50%	860	0
Welders	3	74	40%	860	0

**Receptor:** <sup>27</sup>  
**R7**

**Results:**  
**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	760	0
Aerial Lift	8	75	20%	760	0
Cement and Mortar Mixers	2	79	40%	785	0
Concrete/Industrial Saws	3	90	20%	785	0
Cranes (Tower)	1	81	16%	810	0
Cranes (Mobile)	5	86	16%	810	0
Forklifts	5	75	20%	835	0
Generator Sets	2	81	50%	835	0
Pumps	1	81	50%	860	0
Signal Boards	1	83	50%	860	0
Skid Steer Loaders	1	79	40%	860	0
Welders	6	74	40%	860	0

**Receptor:** 38  
**R7**

**Results:**  
**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	0
Aerial Lift	6	75	20%	760	0
Cement and Mortar Mixers	1	79	40%	785	0
Concrete/Industrial Saws	2	90	20%	785	0
Cranes (Tower)	1	81	16%	810	0
Cranes (Mobile)	4	81	16%	810	0
Forklifts	4	75	20%	835	0
Generator Sets	2	81	50%	835	0
Water Truck	1	76	40%	860	0
Pavers	1	77	50%	860	0
Paving Equipment	1	85	50%	860	0
Pumps	1	81	50%	860	0
Plate Compactors	1	83	20%	860	0
Rollers	1	80	20%	860	0
Signal Boards	1	83	50%	860	0
Surfacing Equipment	1	85	50%	860	0
Trenchers	1	80	50%	860	0
Welders	5	74	40%	860	0

**Receptor:** <sup>35</sup>  
***R7***

**Results:**  
**1-hour Leq: 67.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	205	0
Concrete/Industrial Saws	1	90	20%	205	0
Excavators	1	81	40%	230	0
Forklifts	1	75	20%	230	0
Generator Sets	1	81	50%	255	0
Water Truck	1	76	40%	255	0
Rough Terrain Forklifts	1	75	20%	280	0
Scrapers	1	84	40%	280	0
Trenchers	1	80	50%	305	0

**Receptor:** <sup>9</sup>  
**R7**

**Results:**  
**1-hour Leq: 73.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	205	0
Bore/Drill Rig	2	79	20%	205	0
Cement and Mortar Mixers	1	79	40%	230	0
Concrete/Industrial Saws	2	90	20%	230	0
Excavators	2	81	40%	255	0
Forklifts	1	75	20%	255	0
Generator Sets	1	81	50%	280	0
Water Truck	1	76	40%	280	0
Pumps	1	81	50%	305	0
Rough Terrain Forklifts	1	75	20%	305	0
Rubber Tired Loaders	1	79	40%	305	0
Signal Boards	2	83	50%	305	0
Skid Steer Loaders	1	79	40%	305	0
Surfacing Equipment	1	85	50%	305	0
Tractors/Loaders/Backhoes	1	79	40%	305	0
Trenchers	1	80	50%	305	0
Welders	2	74	40%	305	0

**Receptor:** <sup>22</sup>  
**R7**

**Results:**  
**1-hour Leq: 76.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	205	0
Aerial Lift	3	75	20%	205	0
Cement and Mortar Mixers	1	79	40%	230	0
Concrete/Industrial Saws	2	90	20%	230	0
Cranes (Tower)	1	81	16%	255	0
Cranes (Mobile)	1	86	16%	255	0
Forklifts	3	75	20%	280	0
Generator Sets	1	81	50%	280	0
Pumps	1	81	50%	305	0
Signal Boards	1	83	50%	305	0
Skid Steer Loaders	1	79	40%	305	0
Welders	3	74	40%	305	0

**Receptor:** <sup>20</sup>  
**R7**

**Results:**  
**1-hour Leq: 75.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	205	0
Concrete/Industrial Saws	1	90	20%	205	0
Cranes (Tower)	1	81	16%	230	0
Cranes (Mobile)	2	81	16%	230	0
Forklifts	2	75	20%	255	0
Generator Sets	1	81	50%	255	0
Water Truck	1	76	40%	280	0
Pavers	1	77	50%	280	0
Paving Equipment	1	85	50%	305	0
Pumps	1	81	50%	305	0
Plate Compactors	1	83	20%	305	0
Rollers	1	80	20%	305	0
Signal Boards	1	83	50%	305	0
Surfacing Equipment	1	85	50%	305	0
Trenchers	1	80	50%	305	0
Welders	2	74	40%	305	0

**Receptor:** <sup>21</sup>  
**R7**

**Results:**  
**1-hour Leq: 75.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	570	5
Concrete/Industrial Saws	1	90	20%	570	5
Excavators	1	81	40%	595	5
Forklifts	1	75	20%	595	5
Generator Sets	1	81	50%	620	5
Water Truck	1	76	40%	620	5
Rough Terrain Forklifts	1	75	20%	645	5
Scrapers	1	84	40%	645	5
Signal Boards	1	83	50%	670	5
Trenchers	1	80	50%	670	5

**Receptor:** <sup>10</sup>  
**R7**

**Results:**  
**1-hour Leq: 61.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	570	5
Bore/Drill Rig	3	79	20%	570	5
Cement and Mortar Mixers	1	79	40%	595	5
Concrete/Industrial Saws	3	90	20%	595	5
Excavators	3	81	40%	620	5
Forklifts	1	75	20%	620	5
Generator Sets	1	81	50%	645	5
Water Truck	1	76	40%	645	5
Pumps	1	81	50%	670	5
Rubber Tired Loaders	1	79	40%	670	5
Signal Boards	2	83	50%	670	5
Skid Steer Loaders	1	79	40%	670	5
Surfacing Equipment	1	85	50%	670	5
Tractors/Loaders/Backhoes	1	79	40%	670	5
Trenchers	1	80	50%	670	5
Welders	4	74	40%	670	5

**Receptor:** <sup>26</sup>  
**R7**

**Results:**  
**1-hour Leq: 65.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	570	5
Aerial Lift	8	75	20%	570	5
Cement and Mortar Mixers	1	79	40%	595	5
Concrete/Industrial Saws	5	90	20%	595	5
Cranes (Tower)	1	81	16%	620	5
Cranes (Mobile)	4	86	16%	620	5
Forklifts	3	75	20%	645	5
Generator Sets	1	81	50%	645	5
Pumps	1	81	50%	670	5
Signal Boards	1	83	50%	670	5
Skid Steer Loaders	1	79	40%	670	5
Welders	10	74	40%	670	5

**Receptor:** 38  
**R7**

**Results:**  
**1-hour Leq:** **65.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	570	5
Concrete/Industrial Saws	1	90	20%	570	5
Cranes (Tower)	1	81	16%	595	5
Cranes (Mobile)	3	81	16%	595	5
Forklifts	2	75	20%	620	5
Generator Sets	1	81	50%	620	5
Water Truck	1	76	40%	645	5
Pavers	1	77	50%	645	5
Paving Equipment	1	85	50%	670	5
Pumps	1	81	50%	670	5
Plate Compactors	1	83	20%	670	5
Rollers	1	80	20%	670	5
Signal Boards	1	83	50%	670	5
Surfacing Equipment	1	85	50%	670	5
Trenchers	1	80	50%	670	5
Welders	3	74	40%	670	5

**Receptor:** <sup>25</sup>  
**R7**

**Results:**  
**1-hour Leq: 63.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	40	0
Concrete/Industrial Saws	2	90	20%	40	0
Excavators	1	81	40%	65	0
Forklifts	1	75	20%	65	0
Generator Sets	1	81	50%	90	0
Water Truck	1	76	40%	90	0
Rough Terrain Forklifts	1	75	20%	115	0
Scrapers	1	84	40%	115	0
Signal Boards	1	83	50%	140	0
Trenchers	1	80	50%	140	0
Cranes (Mobile)	1	81	16%	140	0
Skid Steer Loaders	1	79	40%	140	0

**Receptor:** 13  
**R7**

**Results:**  
**1-hour Leq:** **88.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	40	0
Bore/Drill Rig	2	79	20%	40	0
Cement and Mortar Mixers	1	79	40%	65	0
Concrete/Industrial Saws	1	90	20%	65	0
Excavators	2	81	40%	90	0
Forklifts	1	75	20%	90	0
Generator Sets	1	81	50%	115	0
Water Truck	1	76	40%	115	0
Pumps	1	81	50%	140	0
Rough Terrain Forklifts	1	75	20%	140	0
Rubber Tired Loaders	1	79	40%	140	0
Signal Boards	2	83	50%	140	0
Skid Steer Loaders	1	79	40%	140	0
Surfacing Equipment	1	85	50%	140	0
Tractors/Loaders/Backhoes	1	79	40%	140	0
Trenchers	1	80	50%	140	0
Welders	1	74	40%	140	0

**Receptor:** <sup>20</sup>  
**R7**

**Results:**  
**1-hour Leq: 85.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	40	0
Aerial Lift	4	75	20%	40	0
Cement and Mortar Mixers	1	79	40%	65	0
Concrete/Industrial Saws	1	90	20%	65	0
Cranes (Mobile)	2	86	16%	90	0
Forklifts	2	75	20%	90	0
Generator Sets	1	81	50%	115	0
Pumps	1	81	50%	115	0
Signal Boards	2	83	50%	140	0
Skid Steer Loaders	1	79	40%	140	0
Welders	1	74	40%	140	0

**Receptor:** 18  
**R7**

**Results:**  
**1-hour Leq: 85.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	40	0
Concrete/Industrial Saws	1	90	20%	40	0
Forklifts	2	75	20%	65	0
Pavers	1	77	50%	65	0
Paving Equipment	1	85	50%	90	0
Pumps	1	81	50%	90	0
Plate Compactors	1	83	20%	115	0
Rollers	1	80	20%	115	0
Signal Boards	1	83	50%	140	0
Surfacing Equipment	1	85	50%	140	0
Trenchers	1	80	50%	140	0

**Receptor:** <sup>15</sup>  
**R7**

**Results:**  
**1-hour Leq: 86.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1500	0
Cement and Mortar Mixers	1	79	40%	1500	0
Concrete/Industrial Saws	1	90	20%	1525	0
Forklifts	1	75	20%	1525	0
Generator Sets	1	81	50%	1550	0
Water Truck	1	76	40%	1550	0
Paving Equipment	1	85	50%	1575	0
Plate Compactors	1	83	20%	1575	0
Rollers	1	80	20%	1600	0
Rough Terrain Forklifts	1	75	20%	1600	0
Rubber Tired Loaders	1	79	40%	1600	0
Scrapers	1	84	40%	1600	0
Skid Steer Loaders	1	79	40%	1600	0
Welders	1	74	40%	1600	0

**Receptor:** 14  
**R7**

**Results:**  
**1-hour Leq: 58.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1500	0
Aerial Lift	4	75	20%	1500	0
Cement and Mortar Mixers	1	79	40%	1525	0
Concrete/Industrial Saws	1	90	20%	1525	0
Forklifts	4	75	20%	1550	0
Generator Sets	1	81	50%	1550	0
Welders	1	74	40%	1575	0

**Receptor:** <sup>13</sup>  
**R7**

**Results:**  
**1-hour Leq: 56.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	435	0
Concrete/Industrial Saws	1	90	20%	435	0
Excavators	1	81	40%	460	0
Forklifts	1	75	20%	460	0
Generator Sets	1	81	50%	485	0
Water Truck	1	76	40%	485	0
Rubber Tired Dozers	1	82	40%	510	0
Tractors/Loaders/Backhoes	1	79	40%	510	0
Trenches	1	80	50%	535	0

9

**Receptor:** ***R8***

**Results:**  
**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	435	0
Bore/Drill Rig	2	80	50%	435	0
Cement and Mortar Mixers	1	79	40%	460	0
Concrete/Industrial Saws	2	90	20%	460	0
Excavators	2	81	40%	485	0
Forklifts	1	75	20%	485	0
Generator Sets	1	81	50%	510	0
Water Truck	1	76	40%	510	0
Pavers	1	77	50%	535	0
Paving Equipment	1	85	50%	535	0
Pumps	1	81	50%	535	0
Plate Compactors	1	83	20%	535	0
Rollers	1	80	20%	535	0
Scrapers	1	84	40%	535	0
Signal Boards	2	83	50%	535	0
Surfacing Equipment	1	85	50%	535	0
Trenchers	1	80	50%	535	0
Welders	1	74	40%	535	0

22

**Receptor:** ***R8***

**Results:**  
**1-hour Leq: 72.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	435	0
Aerial Lift	1	75	20%	435	0
Bore/Drill Rig	1	79	20%	460	0
Cement and Mortar Mixers	1	79	40%	460	0
Concrete/Industrial Saws	1	90	20%	485	0
Cranes (Mobile)	2	81	16%	485	0
Forklifts	1	75	20%	510	0
Water Truck	1	76	40%	510	0
Pumps	1	81	50%	535	0
Plate Compactors	1	83	20%	535	0
Signal Boards	1	83	50%	535	0
Tractors/Loaders/Backhoes	1	79	40%	535	0
Welders	1	74	40%	535	0

14

**Receptor: R8**

**Results:**

**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	435	0
Concrete/Industrial Saws	2	90	20%	435	0
Cranes (Mobile)	2	81	16%	460	0
Forklifts	1	75	20%	460	0
Water Truck	1	76	40%	485	0
Signal Boards	1	83	50%	485	0
Trenchers	1	80	50%	510	0
Welders	2	74	40%	510	0

**Receptor:** 12  
**R8**

**Results:**  
**1-hour Leq: 69.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1065	5
Concrete/Industrial Saws	1	90	20%	1065	5
Excavators	1	81	40%	1090	5
Forklifts	1	75	20%	1090	5
Generator Sets	1	81	50%	1115	5
Water Truck	1	76	40%	1115	5
Rough Terrain Forklifts	1	75	20%	1140	5
Scrapers	1	84	40%	1140	5
Trenchers	1	80	50%	1165	5

9

**Receptor:** **R8**

**Results:**  
**1-hour Leq: 55.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1065	5
Bore/Drill Rig	3	79	20%	1065	5
Cement and Mortar Mixers	1	79	40%	1090	5
Concrete/Industrial Saws	2	90	20%	1090	5
Excavators	2	81	40%	1115	5
Forklifts	1	75	20%	1115	5
Generator Sets	1	81	50%	1140	5
Water Truck	1	76	40%	1140	5
Pumps	1	81	50%	1165	5
Rough Terrain Forklifts	1	75	20%	1165	5
Rubber Tired Dozers	1	82	40%	1165	5
Signal Boards	2	83	50%	1165	5
Skid Steer Loaders	1	79	40%	1165	5
Surfacing Equipment	1	85	50%	1165	5
Tractors/Loaders/Backhoes	1	79	40%	1165	5
Trenchers	1	80	50%	1165	5
Welders	2	74	40%	1165	5

23

**Receptor:** ***R8***

**Results:**  
**1-hour Leq: 59.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1065	5
Aerial Lift	4	75	20%	1065	5
Cement and Mortar Mixers	1	79	40%	1090	5
Concrete/Industrial Saws	2	90	20%	1090	5
Cranes (Tower)	1	81	16%	1115	5
Cranes (Mobile)	4	81	16%	1115	5
Forklifts	4	75	20%	1140	5
Generator Sets	1	81	50%	1140	5
Pumps	1	81	50%	1165	5
Signal Boards	1	83	50%	1165	5
Skid Steer Loaders	1	79	40%	1165	5
Welders	4	74	40%	1165	5

26

**Receptor: R8**

**Results:**  
**1-hour Leq: 57.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1065	5
Concrete/Industrial Saws	1	90	20%	1065	5
Cranes (Tower)	1	81	16%	1090	5
Cranes (Mobile)	3	81	16%	1090	5
Forklifts	2	75	20%	1115	5
Generator Sets	1	81	50%	1115	5
Water Truck	1	76	40%	1140	5
Pavers	1	77	50%	1140	5
Paving Equipment	1	85	50%	1165	5
Pumps	1	81	50%	1165	5
Plate Compactors	1	83	20%	1165	5
Rollers	1	80	20%	1165	5
Signal Boards	1	83	50%	1165	5
Surfacing Equipment	1	85	50%	1165	5
Trenchers	1	80	50%	1165	5
Welders	2	74	40%	1165	5

23

**Receptor: R8**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1320	0
Concrete/Industrial Saws	1	90	20%	1320	0
Excavators	1	81	40%	1345	0
Forklifts	1	75	20%	1345	0
Generator Sets	1	81	50%	1370	0
Water Truck	1	76	40%	1370	0
Rough Terrain Forklifts	1	75	20%	1395	0
Scrapers	1	84	40%	1395	0
Trenchers	1	80	50%	1420	0

9

**Receptor:** **R8**

**Results:**  
**1-hour Leq: 58.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1320	0
Bore/Drill Rig	2	79	20%	1320	0
Cement and Mortar Mixers	1	79	40%	1345	0
Concrete/Industrial Saws	2	90	20%	1345	0
Excavators	2	81	40%	1370	0
Forklifts	1	75	20%	1370	0
Generator Sets	1	81	50%	1395	0
Water Truck	1	76	40%	1395	0
Pumps	1	81	50%	1420	0
Rough Terrain Forklifts	1	75	20%	1420	0
Rubber Tired Forklifts	1	75	20%	1420	0
Signal Boards	2	83	50%	1420	0
Skid Steer Loaders	1	79	40%	1420	0
Surfacing Equipment	1	85	50%	1420	0
Tractors/Loaders/Backhoes	1	79	40%	1420	0
Trenchers	1	80	50%	1420	0
Welders	2	74	40%	1420	0

22

**Receptor: R8**

**Results:**  
**1-hour Leq: 62.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1320	0
Aerial Lift	3	75	20%	1320	0
Cement and Mortar Mixers	1	79	40%	1345	0
Concrete/Industrial Saws	2	90	20%	1345	0
Cranes (Tower)	1	81	16%	1370	0
Cranes (Mobile)	3	81	16%	1370	0
Forklifts	3	75	20%	1395	0
Generator Sets	1	81	50%	1395	0
Pumps	1	81	50%	1420	0
Signal Boards	1	83	50%	1420	0
Skid Steer Loaders	1	79	40%	1420	0
Welders	3	74	40%	1420	0

22

**Receptor: R8**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1320	0
Concrete/Industrial Saws	1	90	20%	1320	0
Cranes (Tower)	1	81	16%	1345	0
Cranes (Mobile)	2	81	16%	1345	0
Forklifts	2	75	20%	1370	0
Generator Sets	1	81	50%	1370	0
Water Truck	1	76	40%	1395	0
Pavers	1	77	50%	1395	0
Paving Equipment	1	85	50%	1420	0
Pumps	1	81	50%	1420	0
Plate Compactors	1	83	20%	1420	0
Rollers	1	80	20%	1420	0
Signal Boards	1	83	50%	1420	0
Surfacing Equipment	1	85	50%	1420	0
Trenchers	1	80	50%	1420	0
Welders	2	74	40%	1420	0

21

**Receptor: R8**

**Results:**  
**1-hour Leq: 61.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1630	0
Concrete/Industrial Saws	1	90	20%	1630	0
Excavators	1	81	40%	1655	0
Forklifts	1	75	20%	1655	0
Generator Sets	1	81	50%	1680	0
Water Truck	1	76	40%	1680	0
Rubber Tired Dozers	1	82	40%	1705	0
Tractors/Loaders/Backhoes	1	79	40%	1705	0
Trenchers	1	80	50%	1730	0

9

**Receptor:** **R8**

**Results:**  
**1-hour Leq: 56.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1630	0
Bore/Drill Rig	2	79	20%	1630	0
Cement and Mortar Mixers	1	79	40%	1655	0
Concrete/Industrial Saws	2	90	20%	1655	0
Excavators	2	81	40%	1680	0
Forklifts	1	75	20%	1680	0
Generator Sets	1	81	50%	1705	0
Water Truck	1	76	40%	1705	0
Pavers	1	77	50%	1730	0
Paving Equipment	1	85	50%	1730	0
Pumps	1	77	50%	1730	0
Plate Compactors	1	83	20%	1730	0
Rollers	1	80	20%	1730	0
Scrapers	1	84	40%	1730	0
Signal Boards	2	83	20%	1730	0
Surfacing Equipment	1	85	50%	1730	0
Trenchers	1	80	50%	1730	0
Welders	1	74	40%	1730	0

22  
**Receptor: R8**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1630	0
Aerial Lift	4	75	20%	1630	0
Cement and Mortar Mixers	1	79	40%	1655	0
Concrete/Industrial Saws	2	90	20%	1655	0
Cranes (Tower)	1	81	16%	1680	0
Cranes (Mobile)	4	81	16%	1680	0
Forklifts	4	75	20%	1705	0
Generator Sets	1	81	50%	1705	0
Pumps	1	81	50%	1730	0
Signal Boards	1	83	50%	1730	0
Skid Steer Loaders	1	79	40%	1730	0
Welders	4	74	40%	1730	0

**Receptor:** <sup>26</sup>  
**R8**

**Results:**  
**1-hour Leq: 59.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1630	0
Concrete/Industrial Saws	1	90	20%	1630	0
Cranes (Tower)	1	81	16%	1655	0
Cranes (Mobile)	3	81	16%	1655	0
Forklifts	2	75	20%	1680	0
Generator Sets	1	81	50%	1680	0
Water Truck	1	76	40%	1705	0
Pavers	1	77	50%	1705	0
Paving Equipment	1	85	50%	1730	0
Pumps	1	81	50%	1730	0
Plate Compactors	1	83	20%	1730	0
Rollers	1	80	20%	1730	0
Signal Boards	1	83	50%	1730	0
Surfacing Equipment	1	85	50%	1730	0
Trenchers	1	80	50%	1730	0
Welders	2	74	40%	1730	0

**Receptor:** <sup>23</sup>  
**R8**

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1550	0
Concrete/Industrial Saws	1	90	20%	1550	0
Excavators	1	81	40%	1575	0
Forklifts	1	75	20%	1575	0
Generator Sets	1	81	50%	1600	0
Water Truck	1	76	40%	1600	0
Rough Terrain Forklifts	1	75	20%	1625	0
Scrapers	1	84	40%	1625	0
Trenchers	1	80	50%	1650	0

9  
**Receptor: R8**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1550	0
Bore/Drill Rig	3	79	20%	1550	0
Cement and Mortar Mixers	1	79	40%	1575	0
Concrete/Industrial Saws	2	90	20%	1575	0
Excavators	2	81	40%	1600	0
Forklifts	1	75	20%	1600	0
Generator Sets	1	81	50%	1625	0
Water Truck	1	76	40%	1625	0
Pumps	1	81	50%	1650	0
Rough Terrain Forklifts	1	76	40%	1650	0
Rubber Tired Loaders	1	79	40%	1650	0
Signal Boards	2	83	50%	1650	0
Skid Steer Loaders	1	79	40%	1650	0
Surfacing Equipment	1	85	50%	1650	0
Tractors/Loaders/Backhoes	1	79	40%	1650	0
Trenchers	1	80	50%	1650	0
Welders	2	74	40%	1650	0

**Receptor:** <sup>23</sup>  
**R8**

**Results:**  
**1-hour Leq: 60.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1550	0
Aerial Lift	4	75	20%	1550	0
Cement and Mortar Mixers	1	79	40%	1575	0
Concrete/Industrial Saws	2	90	20%	1575	0
Cranes (Tower)	1	81	16%	1600	0
Cranes (Mobile)	4	81	16%	1600	0
Forklifts	4	75	20%	1625	0
Generator Sets	1	81	50%	1625	0
Pumps	1	81	50%	1650	0
Signal Boards	1	83	50%	1650	0
Skid Steer Loaders	1	79	40%	1650	0
Welders	4	74	40%	1650	0

**Receptor:** <sup>26</sup>  
***R8***

**Results:**  
**1-hour Leq: 59.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1550	0
Concrete/Industrial Saws	1	75	20%	1550	0
Cranes (Tower)	1	81	16%	1575	0
Cranes (Mobile)	3	81	16%	1575	0
Forklifts	2	75	20%	1600	0
Generator Sets	1	81	50%	1600	0
Water Truck	1	76	40%	1625	0
Pavers	1	77	50%	1625	0
Paving Equipment	1	85	50%	1650	0
Pumps	1	81	50%	1650	0
Plate Compactors	1	83	20%	1650	0
Rollers	1	80	20%	1650	0
Signal Boards	1	83	50%	1650	0
Surfacing Equipment	1	85	50%	1650	0
Trenchers	1	80	50%	1650	0
Welders	2	74	40%	1650	0

**Receptor:** <sup>23</sup>  
**R8**

**Results:**  
**1-hour Leq: 59.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1130	0
Concrete/Industrial Saws	1	90	20%	1130	0
Excavators	1	81	40%	1155	0
Forklifts	1	75	20%	1155	0
Generator Sets	1	81	50%	1180	0
Water Truck	1	76	40%	1180	0
Rough Terrain Forklifts	1	75	20%	1205	0
Scrapers	1	84	40%	1205	0
Trenchers	1	80	50%	1230	0

9

**Receptor: R8**

**Results:**  
**1-hour Leq: 59.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1130	0
Bore/Drill Rig	4	79	20%	1130	0
Cement and Mortar Mixers	1	79	40%	1155	0
Concrete/Industrial Saws	3	90	20%	1155	0
Excavators	3	81	40%	1180	0
Forklifts	1	75	20%	1180	0
Generator Sets	1	81	50%	1205	0
Water Truck	1	76	40%	1205	0
Pumps	1	81	50%	1230	0
Rough Terrain Forklifts	1	75	20%	1230	0
Rubber Tired Loaders	1	79	40%	1230	0
Signal Boards	2	83	50%	1230	0
Skid Steer Loaders	1	79	40%	1230	0
Surfacing Equipment	1	85	50%	1230	0
Tractors/Loaders/Backhoes	1	79	40%	1230	0
Trenchers	1	80	50%	1230	0
Welders	3	74	40%	1230	0

27  
**Receptor: R8**

**Results:**  
**1-hour Leq: 64.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	1130	0
Aerial Lift	8	75	20%	1130	0
Cement and Mortar Mixers	2	79	40%	1155	0
Concrete/Industrial Saws	3	90	20%	1155	0
Cranes (Tower)	1	81	16%	1180	0
Cranes (Mobile)	5	86	16%	1180	0
Forklifts	5	75	20%	1205	0
Generator Sets	2	81	50%	1205	0
Pumps	1	81	50%	1230	0
Signal Boards	1	83	50%	1230	0
Skid Steer Loaders	1	79	40%	1230	0
Welders	6	74	40%	1230	0

**Receptor:** 38  
**R8**

**Results:**  
**1-hour Leq: 64.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1130	0
Aerial Lift	6	75	20%	1130	0
Cement and Mortar Mixers	1	79	40%	1155	0
Concrete/Industrial Saws	2	90	20%	1155	0
Cranes (Tower)	1	81	16%	1180	0
Cranes (Mobile)	4	81	16%	1180	0
Forklifts	4	75	20%	1205	0
Generator Sets	2	81	50%	1205	0
Water Truck	1	76	40%	1230	0
Pavers	1	77	50%	1230	0
Paving Equipment	1	85	50%	1230	0
Pumps	1	81	50%	1230	0
Plate Compactors	1	83	20%	1230	0
Rollers	1	80	20%	1230	0
Signal Boards	1	83	50%	1230	0
Surfacing Equipment	1	85	50%	1230	0
Trenchers	1	80	50%	1230	0
Welders	5	74	40%	1230	0

**Receptor:** <sup>35</sup>  
***R8***

**Results:**  
**1-hour Leq: 64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	580	10
Concrete/Industrial Saws	1	90	20%	580	10
Excavators	1	81	40%	605	10
Forklifts	1	75	20%	605	10
Generator Sets	1	81	50%	630	10
Water Truck	1	76	40%	630	10
Rough Terrain Forklifts	1	75	20%	655	10
Scrapers	1	84	40%	655	10
Trenchers	1	80	50%	680	10

**Receptor:** <sup>9</sup>  
**R8**

**Results:**  
**1-hour Leq: 55.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	580	10
Bore/Drill Rig	2	79	20%	580	10
Cement and Mortar Mixers	1	79	40%	605	10
Concrete/Industrial Saws	2	90	20%	605	10
Excavators	2	81	40%	630	10
Forklifts	1	75	20%	630	10
Generator Sets	1	81	50%	655	10
Water Truck	1	76	40%	655	10
Pumps	1	81	50%	680	10
Rough Terrain Forklifts	1	75	20%	680	10
Rubber Tired Loaders	1	79	40%	680	10
Signal Boards	2	83	50%	680	10
Skid Steer Loaders	1	79	40%	680	10
Surfacing Equipment	1	85	50%	680	10
Tractors/Loaders/Backhoes	1	79	40%	680	10
Trenchers	1	80	50%	680	10
Welders	2	74	40%	680	10

**Receptor:** <sup>22</sup>  
**R8**

**Results:**  
**1-hour Leq: 58.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	580	10
Aerial Lift	3	75	20%	580	10
Cement and Mortar Mixers	1	79	40%	605	10
Concrete/Industrial Saws	2	90	20%	605	10
Cranes (Tower)	1	81	16%	630	10
Cranes (Mobile)	1	86	16%	630	10
Forklifts	3	75	20%	655	10
Generator Sets	1	81	50%	655	10
Pumps	1	81	50%	680	10
Signal Boards	1	83	50%	680	10
Skid Steer Loaders	1	79	40%	680	10
Welders	3	74	40%	680	10

**Receptor:** <sup>20</sup>  
**R8**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	580	10
Concrete/Industrial Saws	1	90	20%	580	10
Cranes (Tower)	1	81	16%	605	10
Cranes (Mobile)	2	81	16%	605	10
Forklifts	2	75	20%	630	10
Generator Sets	1	81	50%	630	10
Water Truck	1	76	40%	655	10
Pavers	1	77	50%	655	10
Paving Equipment	1	85	50%	680	10
Pumps	1	81	50%	680	10
Plate Compactors	1	83	20%	680	10
Rollers	1	80	20%	680	10
Signal Boards	1	83	50%	680	10
Surfacing Equipment	1	85	50%	680	10
Trenchers	1	80	50%	680	10
Welders	2	74	40%	680	10

**Receptor:** <sup>21</sup>  
***R8***

**Results:**  
**1-hour Leq: 57.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	880	5
Concrete/Industrial Saws	1	90	20%	880	5
Excavators	1	81	40%	905	5
Forklifts	1	75	20%	905	5
Generator Sets	1	81	50%	930	5
Water Truck	1	76	40%	930	5
Rough Terrain Forklifts	1	75	20%	955	5
Scrapers	1	84	40%	955	5
Signal Boards	1	83	50%	980	5
Trenchers	1	80	50%	980	5

**Receptor:** 10  
**R8**

**Results:**  
**1-hour Leq: 57.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	880	5
Bore/Drill Rig	3	79	20%	880	5
Cement and Mortar Mixers	1	79	40%	905	5
Concrete/Industrial Saws	3	90	20%	905	5
Excavators	3	81	40%	930	5
Forklifts	1	75	20%	930	5
Generator Sets	1	81	50%	955	5
Water Truck	1	76	40%	955	5
Pumps	1	81	50%	980	5
Rubber Tired Loaders	1	79	40%	980	5
Signal Boards	2	83	50%	980	5
Skid Steer Loaders	1	79	40%	980	5
Surfacing Equipment	1	85	50%	980	5
Tractors/Loaders/Backhoes	1	79	40%	980	5
Trenchers	1	80	50%	980	5
Welders	4	74	40%	980	5

**Receptor:** <sup>26</sup>  
**R8**

**Results:**  
**1-hour Leq: 61.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	880	5
Aerial Lift	8	75	20%	880	5
Cement and Mortar Mixers	1	79	40%	905	5
Concrete/Industrial Saws	5	90	20%	905	5
Cranes (Tower)	1	81	16%	930	5
Cranes (Mobile)	4	86	16%	930	5
Forklifts	3	75	20%	955	5
Generator Sets	1	81	50%	955	5
Pumps	1	81	50%	980	5
Signal Boards	1	83	50%	980	5
Skid Steer Loaders	1	79	40%	980	5
Welders	10	74	40%	980	5

**Receptor:** 38  
**R8**

**Results:**  
**1-hour Leq: 62.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	880	5
Concrete/Industrial Saws	1	90	20%	880	5
Cranes (Tower)	1	81	16%	905	5
Cranes (Mobile)	3	81	16%	905	5
Forklifts	2	75	20%	930	5
Generator Sets	1	81	50%	930	5
Water Truck	1	76	40%	955	5
Pavers	1	77	50%	955	5
Paving Equipment	1	85	50%	980	5
Pumps	1	81	50%	980	5
Plate Compactors	1	83	20%	980	5
Rollers	1	80	20%	980	5
Signal Boards	1	83	50%	980	5
Surfacing Equipment	1	85	50%	980	5
Trenchers	1	80	50%	980	5
Welders	3	74	40%	980	5

**Receptor:** <sup>25</sup>  
**R8**

**Results:**  
**1-hour Leq: 59.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	235	0
Concrete/Industrial Saws	2	90	20%	235	0
Excavators	1	81	40%	260	0
Forklifts	1	75	20%	260	0
Generator Sets	1	81	50%	285	0
Water Truck	1	76	40%	285	0
Rough Terrain Forklifts	1	75	20%	310	0
Scrapers	1	84	40%	310	0
Signal Boards	1	83	50%	335	0
Trenchers	1	80	50%	335	0
Cranes (Mobile)	1	81	16%	335	0
Skid Steer Loaders	1	79	40%	335	0

**Receptor:** 13  
**R8**

**Results:**  
**1-hour Leq: 74.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	235	0
Bore/Drill Rig	2	79	20%	235	0
Cement and Mortar Mixers	1	79	40%	260	0
Concrete/Industrial Saws	1	90	20%	260	0
Excavators	2	81	40%	285	0
Forklifts	1	75	20%	285	0
Generator Sets	1	81	50%	310	0
Water Truck	1	76	40%	310	0
Pumps	1	81	50%	335	0
Rough Terrain Forklifts	1	75	20%	335	0
Rubber Tired Loaders	1	79	40%	335	0
Signal Boards	2	83	50%	335	0
Skid Steer Loaders	1	79	40%	335	0
Surfacing Equipment	1	85	50%	335	0
Tractors/Loaders/Backhoes	1	79	40%	335	0
Trenchers	1	80	50%	335	0
Welders	1	74	40%	335	0

**Receptor:** <sup>20</sup>  
**R8**

**Results:**  
**1-hour Leq: 74.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	235	0
Aerial Lift	4	75	20%	235	0
Cement and Mortar Mixers	1	79	40%	260	0
Concrete/Industrial Saws	1	90	20%	260	0
Cranes (Mobile)	2	86	16%	285	0
Forklifts	2	75	20%	285	0
Generator Sets	1	81	50%	310	0
Pumps	1	81	50%	310	0
Signal Boards	2	83	50%	335	0
Skid Steer Loaders	1	79	40%	335	0
Welders	1	74	40%	335	0

**Receptor:** 18  
**R8**

**Results:**  
**1-hour Leq: 74.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	235	0
Concrete/Industrial Saws	1	90	20%	235	0
Forklifts	2	75	20%	260	0
Pavers	1	77	50%	260	0
Paving Equipment	1	85	50%	285	0
Pumps	1	81	50%	285	0
Plate Compactors	1	83	20%	310	0
Rollers	1	80	20%	310	0
Signal Boards	1	83	50%	335	0
Surfacing Equipment	1	85	50%	335	0
Trenchers	1	80	50%	335	0

**Receptor:** 15  
**R8**

**Results:**  
**1-hour Leq: 74.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1850	0
Cement and Mortar Mixers	1	79	40%	1850	0
Concrete/Industrial Saws	1	90	20%	1875	0
Forklifts	1	75	20%	1875	0
Generator Sets	1	81	50%	1900	0
Water Truck	1	76	40%	1900	0
Paving Equipment	1	85	50%	1925	0
Plate Compactors	1	83	20%	1925	0
Rollers	1	80	20%	1950	0
Rough Terrain Forklifts	1	75	20%	1950	0
Rubber Tired Loaders	1	79	40%	1950	0
Scrapers	1	84	40%	1950	0
Skid Steer Loaders	1	79	40%	1950	0
Welders	1	74	40%	1950	0

**Receptor:** 14  
**R8**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1850	0
Aerial Lift	4	75	20%	1850	0
Cement and Mortar Mixers	1	79	40%	1875	0
Concrete/Industrial Saws	1	90	20%	1875	0
Forklifts	4	75	20%	1900	0
Generator Sets	1	81	50%	1900	0
Welders	1	74	40%	1925	0

**Receptor:** 13  
**R8**

**Results:**  
**1-hour Leq: 54.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	505	0
Concrete/Industrial Saws	1	90	20%	505	0
Excavators	1	81	40%	530	0
Forklifts	1	75	20%	530	0
Generator Sets	1	81	50%	555	0
Water Truck	1	76	40%	555	0
Rubber Tired Dozers	1	82	40%	580	0
Tractors/Loaders/Backhoes	1	79	40%	580	0
Trenches	1	80	50%	605	0

9

**Receptor:** ***R9***

**Results:**  
**1-hour Leq: 66.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	505	0
Bore/Drill Rig	2	80	50%	505	0
Cement and Mortar Mixers	1	79	40%	530	0
Concrete/Industrial Saws	2	90	20%	530	0
Excavators	2	81	40%	555	0
Forklifts	1	75	20%	555	0
Generator Sets	1	81	50%	580	0
Water Truck	1	76	40%	580	0
Pavers	1	77	50%	605	0
Paving Equipment	1	85	50%	605	0
Pumps	1	81	50%	605	0
Plate Compactors	1	83	20%	605	0
Rollers	1	80	20%	605	0
Scrapers	1	84	40%	605	0
Signal Boards	2	83	50%	605	0
Surfacing Equipment	1	85	50%	605	0
Trenchers	1	80	50%	605	0
Welders	1	74	40%	605	0

22

**Receptor:** ***R9***

**Results:**  
**1-hour Leq: 70.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	505	0
Aerial Lift	1	75	20%	505	0
Bore/Drill Rig	1	79	20%	530	0
Cement and Mortar Mixers	1	79	40%	530	0
Concrete/Industrial Saws	1	90	20%	555	0
Cranes (Mobile)	2	81	16%	555	0
Forklifts	1	75	20%	580	0
Water Truck	1	76	40%	580	0
Pumps	1	81	50%	605	0
Plate Compactors	1	83	20%	605	0
Signal Boards	1	83	50%	605	0
Tractors/Loaders/Backhoes	1	79	40%	605	0
Welders	1	74	40%	605	0

14

**Receptor:** **R9**

**Results:**  
**1-hour Leq: 66.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	505	0
Concrete/Industrial Saws	2	90	20%	505	0
Cranes (Mobile)	2	81	16%	530	0
Forklifts	1	75	20%	530	0
Water Truck	1	76	40%	555	0
Signal Boards	1	83	50%	555	0
Trenchers	1	80	50%	580	0
Welders	2	74	40%	580	0

**Receptor:** 12  
**R9**

**Results:**  
**1-hour Leq: 67.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	830	0
Concrete/Industrial Saws	1	90	20%	830	0
Excavators	1	81	40%	855	0
Forklifts	1	75	20%	855	0
Generator Sets	1	81	50%	880	0
Water Truck	1	76	40%	880	0
Rough Terrain Forklifts	1	75	20%	905	0
Scrapers	1	84	40%	905	0
Trenchers	1	80	50%	930	0

**Receptor:** 9  
**R9**

**Results:**  
**1-hour Leq:** **62.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	830	0
Bore/Drill Rig	3	79	20%	830	0
Cement and Mortar Mixers	1	79	40%	855	0
Concrete/Industrial Saws	2	90	20%	855	0
Excavators	2	81	40%	880	0
Forklifts	1	75	20%	880	0
Generator Sets	1	81	50%	905	0
Water Truck	1	76	40%	905	0
Pumps	1	81	50%	930	0
Rough Terrain Forklifts	1	75	20%	930	0
Rubber Tired Dozers	1	82	40%	930	0
Signal Boards	2	83	50%	930	0
Skid Steer Loaders	1	79	40%	930	0
Surfacing Equipment	1	85	50%	930	0
Tractors/Loaders/Backhoes	1	79	40%	930	0
Trenchers	1	80	50%	930	0
Welders	2	74	40%	930	0

23

**Receptor: R9**

**Results:**  
**1-hour Leq: 66.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	830	0
Aerial Lift	4	75	20%	830	0
Cement and Mortar Mixers	1	79	40%	855	0
Concrete/Industrial Saws	2	90	20%	855	0
Cranes (Tower)	1	81	16%	880	0
Cranes (Mobile)	4	81	16%	880	0
Forklifts	4	75	20%	905	0
Generator Sets	1	81	50%	905	0
Pumps	1	81	50%	930	0
Signal Boards	1	83	50%	930	0
Skid Steer Loaders	1	79	40%	930	0
Welders	4	74	40%	930	0

26

**Receptor: R9**

**Results:**  
**1-hour Leq: 64.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	830	0
Concrete/Industrial Saws	1	90	20%	830	0
Cranes (Tower)	1	81	16%	855	0
Cranes (Mobile)	3	81	16%	855	0
Forklifts	2	75	20%	880	0
Generator Sets	1	81	50%	880	0
Water Truck	1	76	40%	905	0
Pavers	1	77	50%	905	0
Paving Equipment	1	85	50%	930	0
Pumps	1	81	50%	930	0
Plate Compactors	1	83	20%	930	0
Rollers	1	80	20%	930	0
Signal Boards	1	83	50%	930	0
Surfacing Equipment	1	85	50%	930	0
Trenchers	1	80	50%	930	0
Welders	2	74	40%	930	0

23

**Receptor: R9**

**Results:**  
**1-hour Leq: 65.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	865	5
Concrete/Industrial Saws	1	90	20%	865	5
Excavators	1	81	40%	890	5
Forklifts	1	75	20%	890	5
Generator Sets	1	81	50%	915	5
Water Truck	1	76	40%	915	5
Rough Terrain Forklifts	1	75	20%	940	5
Scrapers	1	84	40%	940	5
Trenchers	1	80	50%	965	5

9

**Receptor:** **R9**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	865	5
Bore/Drill Rig	2	79	20%	865	5
Cement and Mortar Mixers	1	79	40%	890	5
Concrete/Industrial Saws	2	90	20%	890	5
Excavators	2	81	40%	915	5
Forklifts	1	75	20%	915	5
Generator Sets	1	81	50%	940	5
Water Truck	1	76	40%	940	5
Pumps	1	81	50%	965	5
Rough Terrain Forklifts	1	75	20%	965	5
Rubber Tired Forklifts	1	75	20%	965	5
Signal Boards	2	83	50%	965	5
Skid Steer Loaders	1	79	40%	965	5
Surfacing Equipment	1	85	50%	965	5
Tractors/Loaders/Backhoes	1	79	40%	965	5
Trenchers	1	80	50%	965	5
Welders	2	74	40%	965	5

22

**Receptor: R9**

**Results:**  
**1-hour Leq: 60.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	865	5
Aerial Lift	3	75	20%	865	5
Cement and Mortar Mixers	1	79	40%	890	5
Concrete/Industrial Saws	2	90	20%	890	5
Cranes (Tower)	1	81	16%	915	5
Cranes (Mobile)	3	81	16%	915	5
Forklifts	3	75	20%	940	5
Generator Sets	1	81	50%	940	5
Pumps	1	81	50%	965	5
Signal Boards	1	83	50%	965	5
Skid Steer Loaders	1	79	40%	965	5
Welders	3	74	40%	965	5

22

**Receptor: R9**

**Results:**  
**1-hour Leq: 59.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	865	5
Concrete/Industrial Saws	1	90	20%	865	5
Cranes (Tower)	1	81	16%	890	5
Cranes (Mobile)	2	81	16%	890	5
Forklifts	2	75	20%	915	5
Generator Sets	1	81	50%	915	5
Water Truck	1	76	40%	940	5
Pavers	1	77	50%	940	5
Paving Equipment	1	85	50%	965	5
Pumps	1	81	50%	965	5
Plate Compactors	1	83	20%	965	5
Rollers	1	80	20%	965	5
Signal Boards	1	83	50%	965	5
Surfacing Equipment	1	85	50%	965	5
Trenchers	1	80	50%	965	5
Welders	2	74	40%	965	5

21

**Receptor: R9**

**Results:**  
**1-hour Leq: 59.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	970	10
Concrete/Industrial Saws	1	90	20%	970	10
Excavators	1	81	40%	995	10
Forklifts	1	75	20%	995	10
Generator Sets	1	81	50%	1020	10
Water Truck	1	76	40%	1020	10
Rubber Tired Dozers	1	82	40%	1045	10
Tractors/Loaders/Backhoes	1	79	40%	1045	10
Trenchers	1	80	50%	1070	10

9  
**Receptor: R9**

**Results:**  
**1-hour Leq: 51.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	970	10
Bore/Drill Rig	2	79	20%	970	10
Cement and Mortar Mixers	1	79	40%	995	10
Concrete/Industrial Saws	2	90	20%	995	10
Excavators	2	81	40%	1020	10
Forklifts	1	75	20%	1020	10
Generator Sets	1	81	50%	1045	10
Water Truck	1	76	40%	1045	10
Pavers	1	77	50%	1070	10
Paving Equipment	1	85	50%	1070	10
Pumps	1	77	50%	1070	10
Plate Compactors	1	83	20%	1070	10
Rollers	1	80	20%	1070	10
Scrapers	1	84	40%	1070	10
Signal Boards	2	83	20%	1070	10
Surfacing Equipment	1	85	50%	1070	10
Trenchers	1	80	50%	1070	10
Welders	1	74	40%	1070	10

**Receptor:** <sup>22</sup>  
**R9**

**Results:**  
**1-hour Leq: 55.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	970	10
Aerial Lift	4	75	20%	970	10
Cement and Mortar Mixers	1	79	40%	995	10
Concrete/Industrial Saws	2	90	20%	995	10
Cranes (Tower)	1	81	16%	1020	10
Cranes (Mobile)	4	81	16%	1020	10
Forklifts	4	75	20%	1045	10
Generator Sets	1	81	50%	1045	10
Pumps	1	81	50%	1070	10
Signal Boards	1	83	50%	1070	10
Skid Steer Loaders	1	79	40%	1070	10
Welders	4	74	40%	1070	10

**Receptor:** <sup>26</sup>  
**R9**

**Results:**  
**1-hour Leq: 53.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	970	10
Concrete/Industrial Saws	1	90	20%	970	10
Cranes (Tower)	1	81	16%	995	10
Cranes (Mobile)	3	81	16%	995	10
Forklifts	2	75	20%	1020	10
Generator Sets	1	81	50%	1020	10
Water Truck	1	76	40%	1045	10
Pavers	1	77	50%	1045	10
Paving Equipment	1	85	50%	1070	10
Pumps	1	81	50%	1070	10
Plate Compactors	1	83	20%	1070	10
Rollers	1	80	20%	1070	10
Signal Boards	1	83	50%	1070	10
Surfacing Equipment	1	85	50%	1070	10
Trenchers	1	80	50%	1070	10
Welders	2	74	40%	1070	10

**Receptor:** <sup>23</sup>  
**R9**

**Results:**  
**1-hour Leq: 53.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	660	10
Concrete/Industrial Saws	1	90	20%	660	10
Excavators	1	81	40%	685	10
Forklifts	1	75	20%	685	10
Generator Sets	1	81	50%	710	10
Water Truck	1	76	40%	710	10
Rough Terrain Forklifts	1	75	20%	735	10
Scrapers	1	84	40%	735	10
Trenchers	1	80	50%	760	10

**Receptor:** <sup>9</sup>  
***R9***

**Results:**  
**1-hour Leq: 54.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	660	10
Bore/Drill Rig	3	79	20%	660	10
Cement and Mortar Mixers	1	79	40%	685	10
Concrete/Industrial Saws	2	90	20%	685	10
Excavators	2	81	40%	710	10
Forklifts	1	75	20%	710	10
Generator Sets	1	81	50%	735	10
Water Truck	1	76	40%	735	10
Pumps	1	81	50%	760	10
Rough Terrain Forklifts	1	76	40%	760	10
Rubber Tired Loaders	1	79	40%	760	10
Signal Boards	2	83	50%	760	10
Skid Steer Loaders	1	79	40%	760	10
Surfacing Equipment	1	85	50%	760	10
Tractors/Loaders/Backhoes	1	79	40%	760	10
Trenchers	1	80	50%	760	10
Welders	2	74	40%	760	10

23  
**Receptor: R9**

**Results:**  
**1-hour Leq: 57.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	660	10
Aerial Lift	4	75	20%	660	10
Cement and Mortar Mixers	1	79	40%	685	10
Concrete/Industrial Saws	2	90	20%	685	10
Cranes (Tower)	1	81	16%	710	10
Cranes (Mobile)	4	81	16%	710	10
Forklifts	4	75	20%	735	10
Generator Sets	1	81	50%	735	10
Pumps	1	81	50%	760	10
Signal Boards	1	83	50%	760	10
Skid Steer Loaders	1	79	40%	760	10
Welders	4	74	40%	760	10

**Receptor:** <sup>26</sup>  
**R9**

**Results:**  
**1-hour Leq: 56.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	660	10
Concrete/Industrial Saws	1	75	20%	660	10
Cranes (Tower)	1	81	16%	685	10
Cranes (Mobile)	3	81	16%	685	10
Forklifts	2	75	20%	710	10
Generator Sets	1	81	50%	710	10
Water Truck	1	76	40%	735	10
Pavers	1	77	50%	735	10
Paving Equipment	1	85	50%	760	10
Pumps	1	81	50%	760	10
Plate Compactors	1	83	20%	760	10
Rollers	1	80	20%	760	10
Signal Boards	1	83	50%	760	10
Surfacing Equipment	1	85	50%	760	10
Trenchers	1	80	50%	760	10
Welders	2	74	40%	760	10

23  
**Receptor: R9**

**Results:**  
**1-hour Leq: 55.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	500	5
Concrete/Industrial Saws	1	90	20%	500	5
Excavators	1	81	40%	525	5
Forklifts	1	75	20%	525	5
Generator Sets	1	81	50%	550	5
Water Truck	1	76	40%	550	5
Rough Terrain Forklifts	1	75	20%	575	5
Scrapers	1	84	40%	575	5
Trenchers	1	80	50%	600	5

9

**Receptor: R9**

**Results:**  
**1-hour Leq: 61.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	500	5
Bore/Drill Rig	4	79	20%	500	5
Cement and Mortar Mixers	1	79	40%	525	5
Concrete/Industrial Saws	3	90	20%	525	5
Excavators	3	81	40%	550	5
Forklifts	1	75	20%	550	5
Generator Sets	1	81	50%	575	5
Water Truck	1	76	40%	575	5
Pumps	1	81	50%	600	5
Rough Terrain Forklifts	1	75	20%	600	5
Rubber Tired Loaders	1	79	40%	600	5
Signal Boards	2	83	50%	600	5
Skid Steer Loaders	1	79	40%	600	5
Surfacing Equipment	1	85	50%	600	5
Tractors/Loaders/Backhoes	1	79	40%	600	5
Trenchers	1	80	50%	600	5
Welders	3	74	40%	600	5

27  
**Receptor: R9**

**Results:**  
**1-hour Leq: 66.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	500	5
Aerial Lift	8	75	20%	500	5
Cement and Mortar Mixers	2	79	40%	525	5
Concrete/Industrial Saws	3	90	20%	525	5
Cranes (Tower)	1	81	16%	550	5
Cranes (Mobile)	5	86	16%	550	5
Forklifts	5	75	20%	575	5
Generator Sets	2	81	50%	575	5
Pumps	1	81	50%	600	5
Signal Boards	1	83	50%	600	5
Skid Steer Loaders	1	79	40%	600	5
Welders	6	74	40%	600	5

**Receptor:** 38  
**R9**

**Results:**  
**1-hour Leq: 66.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	500	5
Aerial Lift	6	75	20%	500	5
Cement and Mortar Mixers	1	79	40%	525	5
Concrete/Industrial Saws	2	90	20%	525	5
Cranes (Tower)	1	81	16%	550	5
Cranes (Mobile)	4	81	16%	550	5
Forklifts	4	75	20%	575	5
Generator Sets	2	81	50%	575	5
Water Truck	1	76	40%	600	5
Pavers	1	77	50%	600	5
Paving Equipment	1	85	50%	600	5
Pumps	1	81	50%	600	5
Plate Compactors	1	83	20%	600	5
Rollers	1	80	20%	600	5
Signal Boards	1	83	50%	600	5
Surfacing Equipment	1	85	50%	600	5
Trenchers	1	80	50%	600	5
Welders	5	74	40%	600	5

**Receptor:** <sup>35</sup>  
***R9***

**Results:**  
**1-hour Leq: 65.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	890	0
Concrete/Industrial Saws	1	90	20%	890	0
Excavators	1	81	40%	915	0
Forklifts	1	75	20%	915	0
Generator Sets	1	81	50%	940	0
Water Truck	1	76	40%	940	0
Rough Terrain Forklifts	1	75	20%	965	0
Scrapers	1	84	40%	965	0
Trenchers	1	80	50%	990	0

**Receptor:** <sup>9</sup>  
**R9**

**Results:**  
**1-hour Leq: 61.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	890	0
Bore/Drill Rig	2	79	20%	890	0
Cement and Mortar Mixers	1	79	40%	915	0
Concrete/Industrial Saws	2	90	20%	915	0
Excavators	2	81	40%	940	0
Forklifts	1	75	20%	940	0
Generator Sets	1	81	50%	965	0
Water Truck	1	76	40%	965	0
Pumps	1	81	50%	990	0
Rough Terrain Forklifts	1	75	20%	990	0
Rubber Tired Loaders	1	79	40%	990	0
Signal Boards	2	83	50%	990	0
Skid Steer Loaders	1	79	40%	990	0
Surfacing Equipment	1	85	50%	990	0
Tractors/Loaders/Backhoes	1	79	40%	990	0
Trenchers	1	80	50%	990	0
Welders	2	74	40%	990	0

**Receptor:** <sup>22</sup>  
**R9**

**Results:**  
**1-hour Leq: 65.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	890	0
Aerial Lift	3	75	20%	890	0
Cement and Mortar Mixers	1	79	40%	915	0
Concrete/Industrial Saws	2	90	20%	915	0
Cranes (Tower)	1	81	16%	940	0
Cranes (Mobile)	1	86	16%	940	0
Forklifts	3	75	20%	965	0
Generator Sets	1	81	50%	965	0
Pumps	1	81	50%	990	0
Signal Boards	1	83	50%	990	0
Skid Steer Loaders	1	79	40%	990	0
Welders	3	74	40%	990	0

**Receptor:** <sup>20</sup>  
**R9**

**Results:**  
**1-hour Leq: 64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	890	0
Concrete/Industrial Saws	1	90	20%	890	0
Cranes (Tower)	1	81	16%	915	0
Cranes (Mobile)	2	81	16%	915	0
Forklifts	2	75	20%	940	0
Generator Sets	1	81	50%	940	0
Water Truck	1	76	40%	965	0
Pavers	1	77	50%	965	0
Paving Equipment	1	85	50%	990	0
Pumps	1	81	50%	990	0
Plate Compactors	1	83	20%	990	0
Rollers	1	80	20%	990	0
Signal Boards	1	83	50%	990	0
Surfacing Equipment	1	85	50%	990	0
Trenchers	1	80	50%	990	0
Welders	2	74	40%	990	0

21  
**Receptor: R9**

**Results:**  
**1-hour Leq: 64.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	60	0
Concrete/Industrial Saws	1	90	20%	60	0
Excavators	1	81	40%	85	0
Forklifts	1	75	20%	85	0
Generator Sets	1	81	50%	110	0
Water Truck	1	76	40%	110	0
Rough Terrain Forklifts	1	75	20%	135	0
Scrapers	1	84	40%	135	0
Signal Boards	1	83	50%	160	0
Trenchers	1	80	50%	160	0

**Receptor:** 10  
**R9**

**Results:**  
**1-hour Leq:** **83.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	60	0
Bore/Drill Rig	3	79	20%	60	0
Cement and Mortar Mixers	1	79	40%	85	0
Concrete/Industrial Saws	3	90	20%	85	0
Excavators	3	81	40%	110	0
Forklifts	1	75	20%	110	0
Generator Sets	1	81	50%	135	0
Water Truck	1	76	40%	135	0
Pumps	1	81	50%	160	0
Rubber Tired Loaders	1	79	40%	160	0
Signal Boards	2	83	50%	160	0
Skid Steer Loaders	1	79	40%	160	0
Surfacing Equipment	1	85	50%	160	0
Tractors/Loaders/Backhoes	1	79	40%	160	0
Trenchers	1	80	50%	160	0
Welders	4	74	40%	160	0

26  
**Receptor: R9**

**Results:**  
**1-hour Leq: 85.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	60	0
Aerial Lift	8	75	20%	60	0
Cement and Mortar Mixers	1	79	40%	85	0
Concrete/Industrial Saws	5	90	20%	85	0
Cranes (Tower)	1	81	16%	110	0
Cranes (Mobile)	4	86	16%	110	0
Forklifts	3	75	20%	135	0
Generator Sets	1	81	50%	135	0
Pumps	1	81	50%	160	0
Signal Boards	1	83	50%	160	0
Skid Steer Loaders	1	79	40%	160	0
Welders	10	74	40%	160	0

**Receptor:** 38  
**R9**

**Results:**  
**1-hour Leq: 87.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	60	0
Concrete/Industrial Saws	1	90	20%	60	0
Cranes (Tower)	1	81	16%	85	0
Cranes (Mobile)	3	81	16%	85	0
Forklifts	2	75	20%	110	0
Generator Sets	1	81	50%	110	0
Water Truck	1	76	40%	135	0
Pavers	1	77	50%	135	0
Paving Equipment	1	85	50%	160	0
Pumps	1	81	50%	160	0
Plate Compactors	1	83	20%	160	0
Rollers	1	80	20%	160	0
Signal Boards	1	83	50%	160	0
Surfacing Equipment	1	85	50%	160	0
Trenchers	1	80	50%	160	0
Welders	3	74	40%	160	0

**Receptor:** <sup>25</sup>  
**R9**

**Results:**  
**1-hour Leq: 84.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	965	5
Concrete/Industrial Saws	2	90	20%	965	5
Excavators	1	81	40%	990	5
Forklifts	1	75	20%	990	5
Generator Sets	1	81	50%	1015	5
Water Truck	1	76	40%	1015	5
Rough Terrain Forklifts	1	75	20%	1040	5
Scrapers	1	84	40%	1040	5
Signal Boards	1	83	50%	1065	5
Trenchers	1	80	50%	1065	5
Cranes (Mobile)	1	81	16%	1065	5
Skid Steer Loaders	1	79	40%	1065	5

**Receptor:** 13  
**R9**

**Results:**  
**1-hour Leq: 58.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	965	5
Bore/Drill Rig	2	79	20%	965	5
Cement and Mortar Mixers	1	79	40%	990	5
Concrete/Industrial Saws	1	90	20%	990	5
Excavators	2	81	40%	1015	5
Forklifts	1	75	20%	1015	5
Generator Sets	1	81	50%	1040	5
Water Truck	1	76	40%	1040	5
Pumps	1	81	50%	1065	5
Rough Terrain Forklifts	1	75	20%	1065	5
Rubber Tired Loaders	1	79	40%	1065	5
Signal Boards	2	83	50%	1065	5
Skid Steer Loaders	1	79	40%	1065	5
Surfacing Equipment	1	85	50%	1065	5
Tractors/Loaders/Backhoes	1	79	40%	1065	5
Trenchers	1	80	50%	1065	5
Welders	1	74	40%	1065	5

**Receptor:** <sup>20</sup>  
**R9**

**Results:**  
**1-hour Leq: 58.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	965	5
Aerial Lift	4	75	20%	965	5
Cement and Mortar Mixers	1	79	40%	990	5
Concrete/Industrial Saws	1	90	20%	990	5
Cranes (Mobile)	2	86	16%	1015	5
Forklifts	2	75	20%	1015	5
Generator Sets	1	81	50%	1040	5
Pumps	1	81	50%	1040	5
Signal Boards	2	83	50%	1065	5
Skid Steer Loaders	1	79	40%	1065	5
Welders	1	74	40%	1065	5

**Receptor:** 18  
**R9**

**Results:**  
**1-hour Leq: 57.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	965	5
Concrete/Industrial Saws	1	90	20%	965	5
Forklifts	2	75	20%	990	5
Pavers	1	77	50%	990	5
Paving Equipment	1	85	50%	1015	5
Pumps	1	81	50%	1015	5
Plate Compactors	1	83	20%	1040	5
Rollers	1	80	20%	1040	5
Signal Boards	1	83	50%	1065	5
Surfacing Equipment	1	85	50%	1065	5
Trenchers	1	80	50%	1065	5

**Receptor:** <sup>15</sup>  
**R9**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	900	10
Cement and Mortar Mixers	1	79	40%	900	10
Concrete/Industrial Saws	1	90	20%	925	10
Forklifts	1	75	20%	925	10
Generator Sets	1	81	50%	950	10
Water Truck	1	76	40%	950	10
Paving Equipment	1	85	50%	975	10
Plate Compactors	1	83	20%	975	10
Rollers	1	80	20%	1000	10
Rough Terrain Forklifts	1	75	20%	1000	10
Rubber Tired Loaders	1	79	40%	1000	10
Scrapers	1	84	40%	1000	10
Skid Steer Loaders	1	79	40%	1000	10
Welders	1	74	40%	1000	10

**Receptor:** 14  
**R9**

**Results:**  
**1-hour Leq: 53.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	900	10
Aerial Lift	4	75	20%	900	10
Cement and Mortar Mixers	1	79	40%	925	10
Concrete/Industrial Saws	1	90	20%	925	10
Forklifts	4	75	20%	950	10
Generator Sets	1	81	50%	950	10
Welders	1	74	40%	975	10

**Receptor:** 13  
**R9**

**Results:**  
**1-hour Leq: 50.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	560	0
Concrete/Industrial Saws	1	90	20%	560	0
Excavators	1	81	40%	585	0
Forklifts	1	75	20%	585	0
Generator Sets	1	81	50%	610	0
Water Truck	1	76	40%	610	0
Rubber Tired Dozers	1	82	40%	635	0
Tractors/Loaders/Backhoes	1	79	40%	635	0
Trenches	1	80	50%	660	0

**Receptor:** <sup>9</sup>  
***R10***

**Results:**  
**1-hour Leq: 65.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	560	0
Bore/Drill Rig	2	80	50%	560	0
Cement and Mortar Mixers	1	79	40%	585	0
Concrete/Industrial Saws	2	90	20%	585	0
Excavators	2	81	40%	610	0
Forklifts	1	75	20%	610	0
Generator Sets	1	81	50%	635	0
Water Truck	1	76	40%	635	0
Pavers	1	77	50%	660	0
Paving Equipment	1	85	50%	660	0
Pumps	1	81	50%	660	0
Plate Compactors	1	83	20%	660	0
Rollers	1	80	20%	660	0
Scrapers	1	84	40%	660	0
Signal Boards	2	83	50%	660	0
Surfacing Equipment	1	85	50%	660	0
Trenchers	1	80	50%	660	0
Welders	1	74	40%	660	0

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**Receptor:** ***R10***

**Results:**  
**1-hour Leq: 70.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	560	0
Aerial Lift	1	75	20%	560	0
Bore/Drill Rig	1	79	20%	585	0
Cement and Mortar Mixers	1	79	40%	585	0
Concrete/Industrial Saws	1	90	20%	610	0
Cranes (Mobile)	2	81	16%	610	0
Forklifts	1	75	20%	635	0
Water Truck	1	76	40%	635	0
Pumps	1	81	50%	660	0
Plate Compactors	1	83	20%	660	0
Signal Boards	1	83	50%	660	0
Tractors/Loaders/Backhoes	1	79	40%	660	0
Welders	1	74	40%	660	0

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**Receptor: R10**

**Results:**  
**1-hour Leq: 65.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	560	0
Concrete/Industrial Saws	2	90	20%	560	0
Cranes (Mobile)	2	81	16%	585	0
Forklifts	1	75	20%	585	0
Water Truck	1	76	40%	610	0
Signal Boards	1	83	50%	610	0
Trenchers	1	80	50%	635	0
Welders	2	74	40%	635	0

**Receptor:** 12  
**R10**

**Results:**  
**1-hour Leq: 66.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	920	0
Concrete/Industrial Saws	1	90	20%	920	0
Excavators	1	81	40%	945	0
Forklifts	1	75	20%	945	0
Generator Sets	1	81	50%	970	0
Water Truck	1	76	40%	970	0
Rough Terrain Forklifts	1	75	20%	995	0
Scrapers	1	84	40%	995	0
Trenchers	1	80	50%	1020	0

**Receptor:** 9  
**R10**

**Results:**  
**1-hour Leq: 61.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	920	0
Bore/Drill Rig	3	79	20%	920	0
Cement and Mortar Mixers	1	79	40%	945	0
Concrete/Industrial Saws	2	90	20%	945	0
Excavators	2	81	40%	970	0
Forklifts	1	75	20%	970	0
Generator Sets	1	81	50%	995	0
Water Truck	1	76	40%	995	0
Pumps	1	81	50%	1020	0
Rough Terrain Forklifts	1	75	20%	1020	0
Rubber Tired Dozers	1	82	40%	1020	0
Signal Boards	2	83	50%	1020	0
Skid Steer Loaders	1	79	40%	1020	0
Surfacing Equipment	1	85	50%	1020	0
Tractors/Loaders/Backhoes	1	79	40%	1020	0
Trenchers	1	80	50%	1020	0
Welders	2	74	40%	1020	0

23

**Receptor: R10**

**Results:**  
**1-hour Leq: 65.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	920	0
Aerial Lift	4	75	20%	920	0
Cement and Mortar Mixers	1	79	40%	945	0
Concrete/Industrial Saws	2	90	20%	945	0
Cranes (Tower)	1	81	16%	970	0
Cranes (Mobile)	4	81	16%	970	0
Forklifts	4	75	20%	995	0
Generator Sets	1	81	50%	995	0
Pumps	1	81	50%	1020	0
Signal Boards	1	83	50%	1020	0
Skid Steer Loaders	1	79	40%	1020	0
Welders	4	74	40%	1020	0

26

**Receptor: R10**

**Results:**  
**1-hour Leq: 64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	920	0
Concrete/Industrial Saws	1	90	20%	920	0
Cranes (Tower)	1	81	16%	945	0
Cranes (Mobile)	3	81	16%	945	0
Forklifts	2	75	20%	970	0
Generator Sets	1	81	50%	970	0
Water Truck	1	76	40%	995	0
Pavers	1	77	50%	995	0
Paving Equipment	1	85	50%	1020	0
Pumps	1	81	50%	1020	0
Plate Compactors	1	83	20%	1020	0
Rollers	1	80	20%	1020	0
Signal Boards	1	83	50%	1020	0
Surfacing Equipment	1	85	50%	1020	0
Trenchers	1	80	50%	1020	0
Welders	2	74	40%	1020	0

23

**Receptor: R10**

**Results:**  
**1-hour Leq: 64.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	990	0
Concrete/Industrial Saws	1	90	20%	990	0
Excavators	1	81	40%	1015	0
Forklifts	1	75	20%	1015	0
Generator Sets	1	81	50%	1040	0
Water Truck	1	76	40%	1040	0
Rough Terrain Forklifts	1	75	20%	1065	0
Scrapers	1	84	40%	1065	0
Trenchers	1	80	50%	1090	0

**Receptor:** 9  
**R10**

**Results:**  
**1-hour Leq: 60.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	990	0
Bore/Drill Rig	2	79	20%	990	0
Cement and Mortar Mixers	1	79	40%	1015	0
Concrete/Industrial Saws	2	90	20%	1015	0
Excavators	2	81	40%	1040	0
Forklifts	1	75	20%	1040	0
Generator Sets	1	81	50%	1065	0
Water Truck	1	76	40%	1065	0
Pumps	1	81	50%	1090	0
Rough Terrain Forklifts	1	75	20%	1090	0
Rubber Tired Forklifts	1	75	20%	1090	0
Signal Boards	2	83	50%	1090	0
Skid Steer Loaders	1	79	40%	1090	0
Surfacing Equipment	1	85	50%	1090	0
Tractors/Loaders/Backhoes	1	79	40%	1090	0
Trenchers	1	80	50%	1090	0
Welders	2	74	40%	1090	0

22

**Receptor: R10**

**Results:**  
**1-hour Leq: 64.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	990	0
Aerial Lift	3	75	20%	990	0
Cement and Mortar Mixers	1	79	40%	1015	0
Concrete/Industrial Saws	2	90	20%	1015	0
Cranes (Tower)	1	81	16%	1040	0
Cranes (Mobile)	3	81	16%	1040	0
Forklifts	3	75	20%	1065	0
Generator Sets	1	81	50%	1065	0
Pumps	1	81	50%	1090	0
Signal Boards	1	83	50%	1090	0
Skid Steer Loaders	1	79	40%	1090	0
Welders	3	74	40%	1090	0

22

**Receptor: R10**

**Results:**  
**1-hour Leq: 63.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	990	0
Concrete/Industrial Saws	1	90	20%	990	0
Cranes (Tower)	1	81	16%	1015	0
Cranes (Mobile)	2	81	16%	1015	0
Forklifts	2	75	20%	1040	0
Generator Sets	1	81	50%	1040	0
Water Truck	1	76	40%	1065	0
Pavers	1	77	50%	1065	0
Paving Equipment	1	85	50%	1090	0
Pumps	1	81	50%	1090	0
Plate Compactors	1	83	20%	1090	0
Rollers	1	80	20%	1090	0
Signal Boards	1	83	50%	1090	0
Surfacing Equipment	1	85	50%	1090	0
Trenchers	1	80	50%	1090	0
Welders	2	74	40%	1090	0

21

**Receptor: R10**

**Results:**  
**1-hour Leq: 63.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1140	5
Concrete/Industrial Saws	1	90	20%	1140	5
Excavators	1	81	40%	1165	5
Forklifts	1	75	20%	1165	5
Generator Sets	1	81	50%	1190	5
Water Truck	1	76	40%	1190	5
Rubber Tired Dozers	1	82	40%	1215	5
Tractors/Loaders/Backhoes	1	79	40%	1215	5
Trenchers	1	80	50%	1240	5

**Receptor:** 9  
***R10***

**Results:**  
**1-hour Leq:** **54.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1140	5
Bore/Drill Rig	2	79	20%	1140	5
Cement and Mortar Mixers	1	79	40%	1165	5
Concrete/Industrial Saws	2	90	20%	1165	5
Excavators	2	81	40%	1190	5
Forklifts	1	75	20%	1190	5
Generator Sets	1	81	50%	1215	5
Water Truck	1	76	40%	1215	5
Pavers	1	77	50%	1240	5
Paving Equipment	1	85	50%	1240	5
Pumps	1	77	50%	1240	5
Plate Compactors	1	83	20%	1240	5
Rollers	1	80	20%	1240	5
Scrapers	1	84	40%	1240	5
Signal Boards	2	83	20%	1240	5
Surfacing Equipment	1	85	50%	1240	5
Trenchers	1	80	50%	1240	5
Welders	1	74	40%	1240	5

22  
**Receptor: R10**

**Results:**  
**1-hour Leq: 58.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1140	5
Aerial Lift	4	75	20%	1140	5
Cement and Mortar Mixers	1	79	40%	1165	5
Concrete/Industrial Saws	2	90	20%	1165	5
Cranes (Tower)	1	81	16%	1190	5
Cranes (Mobile)	4	81	16%	1190	5
Forklifts	4	75	20%	1215	5
Generator Sets	1	81	50%	1215	5
Pumps	1	81	50%	1240	5
Signal Boards	1	83	50%	1240	5
Skid Steer Loaders	1	79	40%	1240	5
Welders	4	74	40%	1240	5

26

**Receptor: R10**

**Results:**  
**1-hour Leq: 57.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1140	5
Concrete/Industrial Saws	1	90	20%	1140	5
Cranes (Tower)	1	81	16%	1165	5
Cranes (Mobile)	3	81	16%	1165	5
Forklifts	2	75	20%	1190	5
Generator Sets	1	81	50%	1190	5
Water Truck	1	76	40%	1215	5
Pavers	1	77	50%	1215	5
Paving Equipment	1	85	50%	1240	5
Pumps	1	81	50%	1240	5
Plate Compactors	1	83	20%	1240	5
Rollers	1	80	20%	1240	5
Signal Boards	1	83	50%	1240	5
Surfacing Equipment	1	85	50%	1240	5
Trenchers	1	80	50%	1240	5
Welders	2	74	40%	1240	5

23  
**Receptor: R10**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	850	10
Concrete/Industrial Saws	1	90	20%	850	10
Excavators	1	81	40%	875	10
Forklifts	1	75	20%	875	10
Generator Sets	1	81	50%	900	10
Water Truck	1	76	40%	900	10
Rough Terrain Forklifts	1	75	20%	925	10
Scrapers	1	84	40%	925	10
Trenchers	1	80	50%	950	10

9

**Receptor:** ***R10***

**Results:**

**1-hour Leq:      52.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
**Grading & Exc.**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	850	10
Bore/Drill Rig	3	79	20%	850	10
Cement and Mortar Mixers	1	79	40%	875	10
Concrete/Industrial Saws	2	90	20%	875	10
Excavators	2	81	40%	900	10
Forklifts	1	75	20%	900	10
Generator Sets	1	81	50%	925	10
Water Truck	1	76	40%	925	10
Pumps	1	81	50%	950	10
Rough Terrain Forklifts	1	76	40%	950	10
Rubber Tired Loaders	1	79	40%	950	10
Signal Boards	2	83	50%	950	10
Skid Steer Loaders	1	79	40%	950	10
Surfacing Equipment	1	85	50%	950	10
Tractors/Loaders/Backhoes	1	79	40%	950	10
Trenchers	1	80	50%	950	10
Welders	2	74	40%	950	10

23  
**Receptor: R10**

**Results:**  
**1-hour Leq: 55.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	850	10
Aerial Lift	4	75	20%	850	10
Cement and Mortar Mixers	1	79	40%	875	10
Concrete/Industrial Saws	2	90	20%	875	10
Cranes (Tower)	1	81	16%	900	10
Cranes (Mobile)	4	81	16%	900	10
Forklifts	4	75	20%	925	10
Generator Sets	1	81	50%	925	10
Pumps	1	81	50%	950	10
Signal Boards	1	83	50%	950	10
Skid Steer Loaders	1	79	40%	950	10
Welders	4	74	40%	950	10

26  
**Receptor: R10**

**Results:**  
**1-hour Leq: 54.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	850	10
Concrete/Industrial Saws	1	75	20%	850	10
Cranes (Tower)	1	81	16%	875	10
Cranes (Mobile)	3	81	16%	875	10
Forklifts	2	75	20%	900	10
Generator Sets	1	81	50%	900	10
Water Truck	1	76	40%	925	10
Pavers	1	77	50%	925	10
Paving Equipment	1	85	50%	950	10
Pumps	1	81	50%	950	10
Plate Compactors	1	83	20%	950	10
Rollers	1	80	20%	950	10
Signal Boards	1	83	50%	950	10
Surfacing Equipment	1	85	50%	950	10
Trenchers	1	80	50%	950	10
Welders	2	74	40%	950	10

23  
**Receptor: R10**

**Results:**  
**1-hour Leq: 53.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	620	5
Concrete/Industrial Saws	1	90	20%	620	5
Excavators	1	81	40%	645	5
Forklifts	1	75	20%	645	5
Generator Sets	1	81	50%	670	5
Water Truck	1	76	40%	670	5
Rough Terrain Forklifts	1	75	20%	695	5
Scrapers	1	84	40%	695	5
Trenchers	1	80	50%	720	5

9

**Receptor: R10**

**Results:**  
**1-hour Leq: 59.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	620	5
Bore/Drill Rig	4	79	20%	620	5
Cement and Mortar Mixers	1	79	40%	645	5
Concrete/Industrial Saws	3	90	20%	645	5
Excavators	3	81	40%	670	5
Forklifts	1	75	20%	670	5
Generator Sets	1	81	50%	695	5
Water Truck	1	76	40%	695	5
Pumps	1	81	50%	720	5
Rough Terrain Forklifts	1	75	20%	720	5
Rubber Tired Loaders	1	79	40%	720	5
Signal Boards	2	83	50%	720	5
Skid Steer Loaders	1	79	40%	720	5
Surfacing Equipment	1	85	50%	720	5
Tractors/Loaders/Backhoes	1	79	40%	720	5
Trenchers	1	80	50%	720	5
Welders	3	74	40%	720	5

27  
**Receptor: R10**

**Results:**  
**1-hour Leq: 64.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	620	5
Aerial Lift	8	75	20%	620	5
Cement and Mortar Mixers	2	79	40%	645	5
Concrete/Industrial Saws	3	90	20%	645	5
Cranes (Tower)	1	81	16%	670	5
Cranes (Mobile)	5	86	16%	670	5
Forklifts	5	75	20%	695	5
Generator Sets	2	81	50%	695	5
Pumps	1	81	50%	720	5
Signal Boards	1	83	50%	720	5
Skid Steer Loaders	1	79	40%	720	5
Welders	6	74	40%	720	5

38

**Receptor: R10**

**Results:**  
**1-hour Leq: 64.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	620	5
Aerial Lift	6	75	20%	620	5
Cement and Mortar Mixers	1	79	40%	645	5
Concrete/Industrial Saws	2	90	20%	645	5
Cranes (Tower)	1	81	16%	670	5
Cranes (Mobile)	4	81	16%	670	5
Forklifts	4	75	20%	695	5
Generator Sets	2	81	50%	695	5
Water Truck	1	76	40%	720	5
Pavers	1	77	50%	720	5
Paving Equipment	1	85	50%	720	5
Pumps	1	81	50%	720	5
Plate Compactors	1	83	20%	720	5
Rollers	1	80	20%	720	5
Signal Boards	1	83	50%	720	5
Surfacing Equipment	1	85	50%	720	5
Trenchers	1	80	50%	720	5
Welders	5	74	40%	720	5

**Receptor:** <sup>35</sup>  
***R10***

**Results:**  
**1-hour Leq: 63.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	880	5
Concrete/Industrial Saws	1	90	20%	880	5
Excavators	1	81	40%	905	5
Forklifts	1	75	20%	905	5
Generator Sets	1	81	50%	930	5
Water Truck	1	76	40%	930	5
Rough Terrain Forklifts	1	75	20%	955	5
Scrapers	1	84	40%	955	5
Trenchers	1	80	50%	980	5

9  
**Receptor: R10**

**Results:**  
**1-hour Leq: 56.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	880	5
Bore/Drill Rig	2	79	20%	880	5
Cement and Mortar Mixers	1	79	40%	905	5
Concrete/Industrial Saws	2	90	20%	905	5
Excavators	2	81	40%	930	5
Forklifts	1	75	20%	930	5
Generator Sets	1	81	50%	955	5
Water Truck	1	76	40%	955	5
Pumps	1	81	50%	980	5
Rough Terrain Forklifts	1	75	20%	980	5
Rubber Tired Loaders	1	79	40%	980	5
Signal Boards	2	83	50%	980	5
Skid Steer Loaders	1	79	40%	980	5
Surfacing Equipment	1	85	50%	980	5
Tractors/Loaders/Backhoes	1	79	40%	980	5
Trenchers	1	80	50%	980	5
Welders	2	74	40%	980	5

22  
**Receptor: R10**

**Results:**  
**1-hour Leq: 60.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	880	5
Aerial Lift	3	75	20%	880	5
Cement and Mortar Mixers	1	79	40%	905	5
Concrete/Industrial Saws	2	90	20%	905	5
Cranes (Tower)	1	81	16%	930	5
Cranes (Mobile)	1	86	16%	930	5
Forklifts	3	75	20%	955	5
Generator Sets	1	81	50%	955	5
Pumps	1	81	50%	980	5
Signal Boards	1	83	50%	980	5
Skid Steer Loaders	1	79	40%	980	5
Welders	3	74	40%	980	5

**Receptor:** <sup>20</sup>  
**R10**

**Results:**  
**1-hour Leq: 59.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	880	5
Concrete/Industrial Saws	1	90	20%	880	5
Cranes (Tower)	1	81	16%	905	5
Cranes (Mobile)	2	81	16%	905	5
Forklifts	2	75	20%	930	5
Generator Sets	1	81	50%	930	5
Water Truck	1	76	40%	955	5
Pavers	1	77	50%	955	5
Paving Equipment	1	85	50%	980	5
Pumps	1	81	50%	980	5
Plate Compactors	1	83	20%	980	5
Rollers	1	80	20%	980	5
Signal Boards	1	83	50%	980	5
Surfacing Equipment	1	85	50%	980	5
Trenchers	1	80	50%	980	5
Welders	2	74	40%	980	5

21  
**Receptor: R10**

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	135	0
Concrete/Industrial Saws	1	90	20%	135	0
Excavators	1	81	40%	160	0
Forklifts	1	75	20%	160	0
Generator Sets	1	81	50%	185	0
Water Truck	1	76	40%	185	0
Rough Terrain Forklifts	1	75	20%	210	0
Scrapers	1	84	40%	210	0
Signal Boards	1	83	50%	235	0
Trenchers	1	80	50%	235	0

**Receptor:** <sup>10</sup>  
**R10**

**Results:**  
**1-hour Leq: 77.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	135	0
Bore/Drill Rig	3	79	20%	135	0
Cement and Mortar Mixers	1	79	40%	160	0
Concrete/Industrial Saws	3	90	20%	160	0
Excavators	3	81	40%	185	0
Forklifts	1	75	20%	185	0
Generator Sets	1	81	50%	210	0
Water Truck	1	76	40%	210	0
Pumps	1	81	50%	235	0
Rubber Tired Loaders	1	79	40%	235	0
Signal Boards	2	83	50%	235	0
Skid Steer Loaders	1	79	40%	235	0
Surfacing Equipment	1	85	50%	235	0
Tractors/Loaders/Backhoes	1	79	40%	235	0
Trenchers	1	80	50%	235	0
Welders	4	74	40%	235	0

26  
**Receptor: R10**

**Results:**  
**1-hour Leq: 80.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	135	0
Aerial Lift	8	75	20%	135	0
Cement and Mortar Mixers	1	79	40%	160	0
Concrete/Industrial Saws	5	90	20%	160	0
Cranes (Tower)	1	81	16%	185	0
Cranes (Mobile)	4	86	16%	185	0
Forklifts	3	75	20%	210	0
Generator Sets	1	81	50%	210	0
Pumps	1	81	50%	235	0
Signal Boards	1	83	50%	235	0
Skid Steer Loaders	1	79	40%	235	0
Welders	10	74	40%	235	0

**Receptor:** <sup>38</sup>  
**R10**

**Results:**  
**1-hour Leq: 81.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	135	0
Concrete/Industrial Saws	1	90	20%	135	0
Cranes (Tower)	1	81	16%	160	0
Cranes (Mobile)	3	81	16%	160	0
Forklifts	2	75	20%	185	0
Generator Sets	1	81	50%	185	0
Water Truck	1	76	40%	210	0
Pavers	1	77	50%	210	0
Paving Equipment	1	85	50%	235	0
Pumps	1	81	50%	235	0
Plate Compactors	1	83	20%	235	0
Rollers	1	80	20%	235	0
Signal Boards	1	83	50%	235	0
Surfacing Equipment	1	85	50%	235	0
Trenchers	1	80	50%	235	0
Welders	3	74	40%	235	0

25  
**Receptor: R10**

**Results:**  
**1-hour Leq: 78.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	10
Concrete/Industrial Saws	2	90	20%	870	10
Excavators	1	81	40%	895	10
Forklifts	1	75	20%	895	10
Generator Sets	1	81	50%	920	10
Water Truck	1	76	40%	920	10
Rough Terrain Forklifts	1	75	20%	945	10
Scrapers	1	84	40%	945	10
Signal Boards	1	83	50%	970	10
Trenchers	1	80	50%	970	10
Cranes (Mobile)	1	81	16%	970	10
Skid Steer Loaders	1	79	40%	970	10

13  
**Receptor: R10**

**Results:**  
**1-hour Leq: 54.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	10
Bore/Drill Rig	2	79	20%	870	10
Cement and Mortar Mixers	1	79	40%	895	10
Concrete/Industrial Saws	1	90	20%	895	10
Excavators	2	81	40%	920	10
Forklifts	1	75	20%	920	10
Generator Sets	1	81	50%	945	10
Water Truck	1	76	40%	945	10
Pumps	1	81	50%	970	10
Rough Terrain Forklifts	1	75	20%	970	10
Rubber Tired Loaders	1	79	40%	970	10
Signal Boards	2	83	50%	970	10
Skid Steer Loaders	1	79	40%	970	10
Surfacing Equipment	1	85	50%	970	10
Tractors/Loaders/Backhoes	1	79	40%	970	10
Trenchers	1	80	50%	970	10
Welders	1	74	40%	970	10

**Receptor:** <sup>20</sup>  
**R10**

**Results:**  
**1-hour Leq: 54.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	870	10
Aerial Lift	4	75	20%	870	10
Cement and Mortar Mixers	1	79	40%	895	10
Concrete/Industrial Saws	1	90	20%	895	10
Cranes (Mobile)	2	86	16%	920	10
Forklifts	2	75	20%	920	10
Generator Sets	1	81	50%	945	10
Pumps	1	81	50%	945	10
Signal Boards	2	83	50%	970	10
Skid Steer Loaders	1	79	40%	970	10
Welders	1	74	40%	970	10

18  
**Receptor: R10**

**Results:**  
**1-hour Leq: 53.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	870	10
Concrete/Industrial Saws	1	90	20%	870	10
Forklifts	2	75	20%	895	10
Pavers	1	77	50%	895	10
Paving Equipment	1	85	50%	920	10
Pumps	1	81	50%	920	10
Plate Compactors	1	83	20%	945	10
Rollers	1	80	20%	945	10
Signal Boards	1	83	50%	970	10
Surfacing Equipment	1	85	50%	970	10
Trenchers	1	80	50%	970	10

**Receptor:** <sup>15</sup>  
**R10**

**Results:**  
**1-hour Leq: 54.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1110	10
Cement and Mortar Mixers	1	79	40%	1110	10
Concrete/Industrial Saws	1	90	20%	1135	10
Forklifts	1	75	20%	1135	10
Generator Sets	1	81	50%	1160	10
Water Truck	1	76	40%	1160	10
Paving Equipment	1	85	50%	1185	10
Plate Compactors	1	83	20%	1185	10
Rollers	1	80	20%	1210	10
Rough Terrain Forklifts	1	75	20%	1210	10
Rubber Tired Loaders	1	79	40%	1210	10
Scrapers	1	84	40%	1210	10
Skid Steer Loaders	1	79	40%	1210	10
Welders	1	74	40%	1210	10

**Receptor:** <sup>14</sup>  
**R10**

**Results:**  
**1-hour Leq: 51.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1110	10
Aerial Lift	4	75	20%	1110	10
Cement and Mortar Mixers	1	79	40%	1135	10
Concrete/Industrial Saws	1	90	20%	1135	10
Forklifts	4	75	20%	1160	10
Generator Sets	1	81	50%	1160	10
Welders	1	74	40%	1185	10

13  
**Receptor: R10**

**Results:**  
**1-hour Leq: 48.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	490	0
Concrete/Industrial Saws	1	90	20%	490	0
Excavators	1	81	40%	515	0
Forklifts	1	75	20%	515	0
Generator Sets	1	81	50%	540	0
Water Truck	1	76	40%	540	0
Rubber Tired Dozers	1	82	40%	565	0
Tractors/Loaders/Backhoes	1	79	40%	565	0
Trenches	1	80	50%	590	0

9  
**Receptor: R11**

**Results:**  
**1-hour Leq: 66.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	490	0
Bore/Drill Rig	2	80	50%	490	0
Cement and Mortar Mixers	1	79	40%	515	0
Concrete/Industrial Saws	2	90	20%	515	0
Excavators	2	81	40%	540	0
Forklifts	1	75	20%	540	0
Generator Sets	1	81	50%	565	0
Water Truck	1	76	40%	565	0
Pavers	1	77	50%	590	0
Paving Equipment	1	85	50%	590	0
Pumps	1	81	50%	590	0
Plate Compactors	1	83	20%	590	0
Rollers	1	80	20%	590	0
Scrapers	1	84	40%	590	0
Signal Boards	2	83	50%	590	0
Surfacing Equipment	1	85	50%	590	0
Trenchers	1	80	50%	590	0
Welders	1	74	40%	590	0

22

**Receptor: R11**

**Results:**  
**1-hour Leq: 71.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	490	0
Aerial Lift	1	75	20%	490	0
Bore/Drill Rig	1	79	20%	515	0
Cement and Mortar Mixers	1	79	40%	515	0
Concrete/Industrial Saws	1	90	20%	540	0
Cranes (Mobile)	2	81	16%	540	0
Forklifts	1	75	20%	565	0
Water Truck	1	76	40%	565	0
Pumps	1	81	50%	590	0
Plate Compactors	1	83	20%	590	0
Signal Boards	1	83	50%	590	0
Tractors/Loaders/Backhoes	1	79	40%	590	0
Welders	1	74	40%	590	0

14

**Receptor: R11**

**Results:**  
**1-hour Leq: 66.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	490	0
Concrete/Industrial Saws	2	90	20%	490	0
Cranes (Mobile)	2	81	16%	515	0
Forklifts	1	75	20%	515	0
Water Truck	1	76	40%	540	0
Signal Boards	1	83	50%	540	0
Trenchers	1	80	50%	565	0
Welders	2	74	40%	565	0

**Receptor:** 12  
**R11**

**Results:**  
**1-hour Leq: 68.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	895	5
Concrete/Industrial Saws	1	90	20%	895	5
Excavators	1	81	40%	920	5
Forklifts	1	75	20%	920	5
Generator Sets	1	81	50%	945	5
Water Truck	1	76	40%	945	5
Rough Terrain Forklifts	1	75	20%	970	5
Scrapers	1	84	40%	970	5
Trenchers	1	80	50%	995	5

**Receptor:** 9  
**R11**

**Results:**  
**1-hour Leq: 56.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	895	5
Bore/Drill Rig	3	79	20%	895	5
Cement and Mortar Mixers	1	79	40%	920	5
Concrete/Industrial Saws	2	90	20%	920	5
Excavators	2	81	40%	945	5
Forklifts	1	75	20%	945	5
Generator Sets	1	81	50%	970	5
Water Truck	1	76	40%	970	5
Pumps	1	81	50%	995	5
Rough Terrain Forklifts	1	75	20%	995	5
Rubber Tired Dozers	1	82	40%	995	5
Signal Boards	2	83	50%	995	5
Skid Steer Loaders	1	79	40%	995	5
Surfacing Equipment	1	85	50%	995	5
Tractors/Loaders/Backhoes	1	79	40%	995	5
Trenchers	1	80	50%	995	5
Welders	2	74	40%	995	5

23

**Receptor: R11**

**Results:**  
**1-hour Leq: 60.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	895	5
Aerial Lift	4	75	20%	895	5
Cement and Mortar Mixers	1	79	40%	920	5
Concrete/Industrial Saws	2	90	20%	920	5
Cranes (Tower)	1	81	16%	945	5
Cranes (Mobile)	4	81	16%	945	5
Forklifts	4	75	20%	970	5
Generator Sets	1	81	50%	970	5
Pumps	1	81	50%	995	5
Signal Boards	1	83	50%	995	5
Skid Steer Loaders	1	79	40%	995	5
Welders	4	74	40%	995	5

26

**Receptor: R11**

**Results:**  
**1-hour Leq: 59.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	895	5
Concrete/Industrial Saws	1	90	20%	895	5
Cranes (Tower)	1	81	16%	920	5
Cranes (Mobile)	3	81	16%	920	5
Forklifts	2	75	20%	945	5
Generator Sets	1	81	50%	945	5
Water Truck	1	76	40%	970	5
Pavers	1	77	50%	970	5
Paving Equipment	1	85	50%	995	5
Pumps	1	81	50%	995	5
Plate Compactors	1	83	20%	995	5
Rollers	1	80	20%	995	5
Signal Boards	1	83	50%	995	5
Surfacing Equipment	1	85	50%	995	5
Trenchers	1	80	50%	995	5
Welders	2	74	40%	995	5

23

**Receptor: R11**

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1070	5
Concrete/Industrial Saws	1	90	20%	1070	5
Excavators	1	81	40%	1095	5
Forklifts	1	75	20%	1095	5
Generator Sets	1	81	50%	1120	5
Water Truck	1	76	40%	1120	5
Rough Terrain Forklifts	1	75	20%	1145	5
Scrapers	1	84	40%	1145	5
Trenchers	1	80	50%	1170	5

**Receptor:** 9  
**R11**

**Results:**  
**1-hour Leq:** **55.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1070	5
Bore/Drill Rig	2	79	20%	1070	5
Cement and Mortar Mixers	1	79	40%	1095	5
Concrete/Industrial Saws	2	90	20%	1095	5
Excavators	2	81	40%	1120	5
Forklifts	1	75	20%	1120	5
Generator Sets	1	81	50%	1145	5
Water Truck	1	76	40%	1145	5
Pumps	1	81	50%	1170	5
Rough Terrain Forklifts	1	75	20%	1170	5
Rubber Tired Forklifts	1	75	20%	1170	5
Signal Boards	2	83	50%	1170	5
Skid Steer Loaders	1	79	40%	1170	5
Surfacing Equipment	1	85	50%	1170	5
Tractors/Loaders/Backhoes	1	79	40%	1170	5
Trenchers	1	80	50%	1170	5
Welders	2	74	40%	1170	5

22

**Receptor: R11**

**Results:**  
**1-hour Leq: 58.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1070	5
Aerial Lift	3	75	20%	1070	5
Cement and Mortar Mixers	1	79	40%	1095	5
Concrete/Industrial Saws	2	90	20%	1095	5
Cranes (Tower)	1	81	16%	1120	5
Cranes (Mobile)	3	81	16%	1120	5
Forklifts	3	75	20%	1145	5
Generator Sets	1	81	50%	1145	5
Pumps	1	81	50%	1170	5
Signal Boards	1	83	50%	1170	5
Skid Steer Loaders	1	79	40%	1170	5
Welders	3	74	40%	1170	5

22

**Receptor: R11**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1070	5
Concrete/Industrial Saws	1	90	20%	1070	5
Cranes (Tower)	1	81	16%	1095	5
Cranes (Mobile)	2	81	16%	1095	5
Forklifts	2	75	20%	1120	5
Generator Sets	1	81	50%	1120	5
Water Truck	1	76	40%	1145	5
Pavers	1	77	50%	1145	5
Paving Equipment	1	85	50%	1170	5
Pumps	1	81	50%	1170	5
Plate Compactors	1	83	20%	1170	5
Rollers	1	80	20%	1170	5
Signal Boards	1	83	50%	1170	5
Surfacing Equipment	1	85	50%	1170	5
Trenchers	1	80	50%	1170	5
Welders	2	74	40%	1170	5

21

**Receptor: R11**

**Results:**  
**1-hour Leq: 57.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1290	5
Concrete/Industrial Saws	1	90	20%	1290	5
Excavators	1	81	40%	1315	5
Forklifts	1	75	20%	1315	5
Generator Sets	1	81	50%	1340	5
Water Truck	1	76	40%	1340	5
Rubber Tired Dozers	1	82	40%	1365	5
Tractors/Loaders/Backhoes	1	79	40%	1365	5
Trenchers	1	80	50%	1390	5

9  
**Receptor: R11**

**Results:**  
**1-hour Leq: 53.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1290	5
Bore/Drill Rig	2	79	20%	1290	5
Cement and Mortar Mixers	1	79	40%	1315	5
Concrete/Industrial Saws	2	90	20%	1315	5
Excavators	2	81	40%	1340	5
Forklifts	1	75	20%	1340	5
Generator Sets	1	81	50%	1365	5
Water Truck	1	76	40%	1365	5
Pavers	1	77	50%	1390	5
Paving Equipment	1	85	50%	1390	5
Pumps	1	77	50%	1390	5
Plate Compactors	1	83	20%	1390	5
Rollers	1	80	20%	1390	5
Scrapers	1	84	40%	1390	5
Signal Boards	2	83	20%	1390	5
Surfacing Equipment	1	85	50%	1390	5
Trenchers	1	80	50%	1390	5
Welders	1	74	40%	1390	5

22  
**Receptor: R11**

**Results:**  
**1-hour Leq: 57.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1290	5
Aerial Lift	4	75	20%	1290	5
Cement and Mortar Mixers	1	79	40%	1315	5
Concrete/Industrial Saws	2	90	20%	1315	5
Cranes (Tower)	1	81	16%	1340	5
Cranes (Mobile)	4	81	16%	1340	5
Forklifts	4	75	20%	1365	5
Generator Sets	1	81	50%	1365	5
Pumps	1	81	50%	1390	5
Signal Boards	1	83	50%	1390	5
Skid Steer Loaders	1	79	40%	1390	5
Welders	4	74	40%	1390	5

**Receptor:** <sup>26</sup>  
**R11**

**Results:**  
**1-hour Leq: 56.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1290	5
Concrete/Industrial Saws	1	90	20%	1290	5
Cranes (Tower)	1	81	16%	1315	5
Cranes (Mobile)	3	81	16%	1315	5
Forklifts	2	75	20%	1340	5
Generator Sets	1	81	50%	1340	5
Water Truck	1	76	40%	1365	5
Pavers	1	77	50%	1365	5
Paving Equipment	1	85	50%	1390	5
Pumps	1	81	50%	1390	5
Plate Compactors	1	83	20%	1390	5
Rollers	1	80	20%	1390	5
Signal Boards	1	83	50%	1390	5
Surfacing Equipment	1	85	50%	1390	5
Trenchers	1	80	50%	1390	5
Welders	2	74	40%	1390	5

23  
**Receptor: R11**

**Results:**  
**1-hour Leq: 56.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1070	10
Concrete/Industrial Saws	1	90	20%	1070	10
Excavators	1	81	40%	1095	10
Forklifts	1	75	20%	1095	10
Generator Sets	1	81	50%	1120	10
Water Truck	1	76	40%	1120	10
Rough Terrain Forklifts	1	75	20%	1145	10
Scrapers	1	84	40%	1145	10
Trenchers	1	80	50%	1170	10

9  
**Receptor: R11**

**Results:**  
**1-hour Leq: 50.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1070	10
Bore/Drill Rig	3	79	20%	1070	10
Cement and Mortar Mixers	1	79	40%	1095	10
Concrete/Industrial Saws	2	90	20%	1095	10
Excavators	2	81	40%	1120	10
Forklifts	1	75	20%	1120	10
Generator Sets	1	81	50%	1145	10
Water Truck	1	76	40%	1145	10
Pumps	1	81	50%	1170	10
Rough Terrain Forklifts	1	76	40%	1170	10
Rubber Tired Loaders	1	79	40%	1170	10
Signal Boards	2	83	50%	1170	10
Skid Steer Loaders	1	79	40%	1170	10
Surfacing Equipment	1	85	50%	1170	10
Tractors/Loaders/Backhoes	1	79	40%	1170	10
Trenchers	1	80	50%	1170	10
Welders	2	74	40%	1170	10

23

**Receptor:** ***R11***

**Results:**  
**1-hour Leq: 54.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1070	10
Aerial Lift	4	75	20%	1070	10
Cement and Mortar Mixers	1	79	40%	1095	10
Concrete/Industrial Saws	2	90	20%	1095	10
Cranes (Tower)	1	81	16%	1120	10
Cranes (Mobile)	4	81	16%	1120	10
Forklifts	4	75	20%	1145	10
Generator Sets	1	81	50%	1145	10
Pumps	1	81	50%	1170	10
Signal Boards	1	83	50%	1170	10
Skid Steer Loaders	1	79	40%	1170	10
Welders	4	74	40%	1170	10

26

**Receptor:** ***R11***

**Results:**  
**1-hour Leq: 52.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1070	10
Concrete/Industrial Saws	1	75	20%	1070	10
Cranes (Tower)	1	81	16%	1095	10
Cranes (Mobile)	3	81	16%	1095	10
Forklifts	2	75	20%	1120	10
Generator Sets	1	81	50%	1120	10
Water Truck	1	76	40%	1145	10
Pavers	1	77	50%	1145	10
Paving Equipment	1	85	50%	1170	10
Pumps	1	81	50%	1170	10
Plate Compactors	1	83	20%	1170	10
Rollers	1	80	20%	1170	10
Signal Boards	1	83	50%	1170	10
Surfacing Equipment	1	85	50%	1170	10
Trenchers	1	80	50%	1170	10
Welders	2	74	40%	1170	10

23

**Receptor: R11**

**Results:**  
**1-hour Leq: 52.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	5
Concrete/Industrial Saws	1	90	20%	750	5
Excavators	1	81	40%	775	5
Forklifts	1	75	20%	775	5
Generator Sets	1	81	50%	800	5
Water Truck	1	76	40%	800	5
Rough Terrain Forklifts	1	75	20%	825	5
Scrapers	1	84	40%	825	5
Trenchers	1	80	50%	850	5

9

**Receptor: R11**

**Results:**  
**1-hour Leq: 58.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	5
Bore/Drill Rig	4	79	20%	750	5
Cement and Mortar Mixers	1	79	40%	775	5
Concrete/Industrial Saws	3	90	20%	775	5
Excavators	3	81	40%	800	5
Forklifts	1	75	20%	800	5
Generator Sets	1	81	50%	825	5
Water Truck	1	76	40%	825	5
Pumps	1	81	50%	850	5
Rough Terrain Forklifts	1	75	20%	850	5
Rubber Tired Loaders	1	79	40%	850	5
Signal Boards	2	83	50%	850	5
Skid Steer Loaders	1	79	40%	850	5
Surfacing Equipment	1	85	50%	850	5
Tractors/Loaders/Backhoes	1	79	40%	850	5
Trenchers	1	80	50%	850	5
Welders	3	74	40%	850	5

27  
**Receptor: R11**

**Results:**  
**1-hour Leq: 62.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	750	5
Aerial Lift	8	75	20%	750	5
Cement and Mortar Mixers	2	79	40%	775	5
Concrete/Industrial Saws	3	90	20%	775	5
Cranes (Tower)	1	81	16%	800	5
Cranes (Mobile)	5	86	16%	800	5
Forklifts	5	75	20%	825	5
Generator Sets	2	81	50%	825	5
Pumps	1	81	50%	850	5
Signal Boards	1	83	50%	850	5
Skid Steer Loaders	1	79	40%	850	5
Welders	6	74	40%	850	5

38

**Receptor: R11**

**Results:**  
**1-hour Leq: 62.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	5
Aerial Lift	6	75	20%	750	5
Cement and Mortar Mixers	1	79	40%	775	5
Concrete/Industrial Saws	2	90	20%	775	5
Cranes (Tower)	1	81	16%	800	5
Cranes (Mobile)	4	81	16%	800	5
Forklifts	4	75	20%	825	5
Generator Sets	2	81	50%	825	5
Water Truck	1	76	40%	850	5
Pavers	1	77	50%	850	5
Paving Equipment	1	85	50%	850	5
Pumps	1	81	50%	850	5
Plate Compactors	1	83	20%	850	5
Rollers	1	80	20%	850	5
Signal Boards	1	83	50%	850	5
Surfacing Equipment	1	85	50%	850	5
Trenchers	1	80	50%	850	5
Welders	5	74	40%	850	5

**Receptor:** <sup>35</sup>  
***R11***

**Results:**  
**1-hour Leq: 62.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	5
Concrete/Industrial Saws	1	90	20%	760	5
Excavators	1	81	40%	785	5
Forklifts	1	75	20%	785	5
Generator Sets	1	81	50%	810	5
Water Truck	1	76	40%	810	5
Rough Terrain Forklifts	1	75	20%	835	5
Scrapers	1	84	40%	835	5
Trenchers	1	80	50%	860	5

**Receptor:** <sup>9</sup>  
**R11**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	760	5
Bore/Drill Rig	2	79	20%	760	5
Cement and Mortar Mixers	1	79	40%	785	5
Concrete/Industrial Saws	2	90	20%	785	5
Excavators	2	81	40%	810	5
Forklifts	1	75	20%	810	5
Generator Sets	1	81	50%	835	5
Water Truck	1	76	40%	835	5
Pumps	1	81	50%	860	5
Rough Terrain Forklifts	1	75	20%	860	5
Rubber Tired Loaders	1	79	40%	860	5
Signal Boards	2	83	50%	860	5
Skid Steer Loaders	1	79	40%	860	5
Surfacing Equipment	1	85	50%	860	5
Tractors/Loaders/Backhoes	1	79	40%	860	5
Trenchers	1	80	50%	860	5
Welders	2	74	40%	860	5

**Receptor:** <sup>22</sup>  
**R11**

**Results:**  
**1-hour Leq: 61.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	760	5
Aerial Lift	3	75	20%	760	5
Cement and Mortar Mixers	1	79	40%	785	5
Concrete/Industrial Saws	2	90	20%	785	5
Cranes (Tower)	1	81	16%	810	5
Cranes (Mobile)	1	86	16%	810	5
Forklifts	3	75	20%	835	5
Generator Sets	1	81	50%	835	5
Pumps	1	81	50%	860	5
Signal Boards	1	83	50%	860	5
Skid Steer Loaders	1	79	40%	860	5
Welders	3	74	40%	860	5

**Receptor:** <sup>20</sup>  
**R11**

**Results:**  
**1-hour Leq: 60.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	760	5
Concrete/Industrial Saws	1	90	20%	760	5
Cranes (Tower)	1	81	16%	785	5
Cranes (Mobile)	2	81	16%	785	5
Forklifts	2	75	20%	810	5
Generator Sets	1	81	50%	810	5
Water Truck	1	76	40%	835	5
Pavers	1	77	50%	835	5
Paving Equipment	1	85	50%	860	5
Pumps	1	81	50%	860	5
Plate Compactors	1	83	20%	860	5
Rollers	1	80	20%	860	5
Signal Boards	1	83	50%	860	5
Surfacing Equipment	1	85	50%	860	5
Trenchers	1	80	50%	860	5
Welders	2	74	40%	860	5

21  
**Receptor: R11**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	300	0
Concrete/Industrial Saws	1	90	20%	300	0
Excavators	1	81	40%	325	0
Forklifts	1	75	20%	325	0
Generator Sets	1	81	50%	350	0
Water Truck	1	76	40%	350	0
Rough Terrain Forklifts	1	75	20%	375	0
Scrapers	1	84	40%	375	0
Signal Boards	1	83	50%	400	0
Trenchers	1	80	50%	400	0

**Receptor:** <sup>10</sup>  
**R11**

**Results:**  
**1-hour Leq: 71.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	300	0
Bore/Drill Rig	3	79	20%	300	0
Cement and Mortar Mixers	1	79	40%	325	0
Concrete/Industrial Saws	3	90	20%	325	0
Excavators	3	81	40%	350	0
Forklifts	1	75	20%	350	0
Generator Sets	1	81	50%	375	0
Water Truck	1	76	40%	375	0
Pumps	1	81	50%	400	0
Rubber Tired Loaders	1	79	40%	400	0
Signal Boards	2	83	50%	400	0
Skid Steer Loaders	1	79	40%	400	0
Surfacing Equipment	1	85	50%	400	0
Tractors/Loaders/Backhoes	1	79	40%	400	0
Trenchers	1	80	50%	400	0
Welders	4	74	40%	400	0

26

**Receptor: R11**

**Results:**  
**1-hour Leq: 74.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	300	0
Aerial Lift	8	75	20%	300	0
Cement and Mortar Mixers	1	79	40%	325	0
Concrete/Industrial Saws	5	90	20%	325	0
Cranes (Tower)	1	81	16%	350	0
Cranes (Mobile)	4	86	16%	350	0
Forklifts	3	75	20%	375	0
Generator Sets	1	81	50%	375	0
Pumps	1	81	50%	400	0
Signal Boards	1	83	50%	400	0
Skid Steer Loaders	1	79	40%	400	0
Welders	10	74	40%	400	0

**Receptor:** 38  
**R11**

**Results:**  
**1-hour Leq:** **75.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	300	0
Concrete/Industrial Saws	1	90	20%	300	0
Cranes (Tower)	1	81	16%	325	0
Cranes (Mobile)	3	81	16%	325	0
Forklifts	2	75	20%	350	0
Generator Sets	1	81	50%	350	0
Water Truck	1	76	40%	375	0
Pavers	1	77	50%	375	0
Paving Equipment	1	85	50%	400	0
Pumps	1	81	50%	400	0
Plate Compactors	1	83	20%	400	0
Rollers	1	80	20%	400	0
Signal Boards	1	83	50%	400	0
Surfacing Equipment	1	85	50%	400	0
Trenchers	1	80	50%	400	0
Welders	3	74	40%	400	0

25  
**Receptor: R11**

**Results:**  
**1-hour Leq: 73.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	650	10
Concrete/Industrial Saws	2	90	20%	650	10
Excavators	1	81	40%	675	10
Forklifts	1	75	20%	675	10
Generator Sets	1	81	50%	700	10
Water Truck	1	76	40%	700	10
Rough Terrain Forklifts	1	75	20%	725	10
Scrapers	1	84	40%	725	10
Signal Boards	1	83	50%	750	10
Trenchers	1	80	50%	750	10
Cranes (Mobile)	1	81	16%	750	10
Skid Steer Loaders	1	79	40%	750	10

13  
**Receptor: R11**

**Results:**  
**1-hour Leq: 56.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	650	10
Bore/Drill Rig	2	79	20%	650	10
Cement and Mortar Mixers	1	79	40%	675	10
Concrete/Industrial Saws	1	90	20%	675	10
Excavators	2	81	40%	700	10
Forklifts	1	75	20%	700	10
Generator Sets	1	81	50%	725	10
Water Truck	1	76	40%	725	10
Pumps	1	81	50%	750	10
Rough Terrain Forklifts	1	75	20%	750	10
Rubber Tired Loaders	1	79	40%	750	10
Signal Boards	2	83	50%	750	10
Skid Steer Loaders	1	79	40%	750	10
Surfacing Equipment	1	85	50%	750	10
Tractors/Loaders/Backhoes	1	79	40%	750	10
Trenchers	1	80	50%	750	10
Welders	1	74	40%	750	10

**Receptor:** <sup>20</sup>  
**R11**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	650	10
Aerial Lift	4	75	20%	650	10
Cement and Mortar Mixers	1	79	40%	675	10
Concrete/Industrial Saws	1	90	20%	675	10
Cranes (Mobile)	2	86	16%	700	10
Forklifts	2	75	20%	700	10
Generator Sets	1	81	50%	725	10
Pumps	1	81	50%	725	10
Signal Boards	2	83	50%	750	10
Skid Steer Loaders	1	79	40%	750	10
Welders	1	74	40%	750	10

18  
**Receptor: R11**

**Results:**  
**1-hour Leq: 56.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	650	10
Concrete/Industrial Saws	1	90	20%	650	10
Forklifts	2	75	20%	675	10
Pavers	1	77	50%	675	10
Paving Equipment	1	85	50%	700	10
Pumps	1	81	50%	700	10
Plate Compactors	1	83	20%	725	10
Rollers	1	80	20%	725	10
Signal Boards	1	83	50%	750	10
Surfacing Equipment	1	85	50%	750	10
Trenchers	1	80	50%	750	10

**Receptor:** <sup>15</sup>  
**R11**

**Results:**  
**1-hour Leq: 56.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1340	10
Cement and Mortar Mixers	1	79	40%	1340	10
Concrete/Industrial Saws	1	90	20%	1365	10
Forklifts	1	75	20%	1365	10
Generator Sets	1	81	50%	1390	10
Water Truck	1	76	40%	1390	10
Paving Equipment	1	85	50%	1415	10
Plate Compactors	1	83	20%	1415	10
Rollers	1	80	20%	1440	10
Rough Terrain Forklifts	1	75	20%	1440	10
Rubber Tired Loaders	1	79	40%	1440	10
Scrapers	1	84	40%	1440	10
Skid Steer Loaders	1	79	40%	1440	10
Welders	1	74	40%	1440	10

**Receptor:** <sup>14</sup>  
**R11**

**Results:**  
**1-hour Leq: 49.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1340	10
Aerial Lift	4	75	20%	1340	10
Cement and Mortar Mixers	1	79	40%	1365	10
Concrete/Industrial Saws	1	90	20%	1365	10
Forklifts	4	75	20%	1390	10
Generator Sets	1	81	50%	1390	10
Welders	1	74	40%	1415	10

**Receptor:** <sup>13</sup>  
**R11**

**Results:**  
**1-hour Leq: 47.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	10
Concrete/Industrial Saws	1	90	20%	750	10
Excavators	1	81	40%	775	10
Forklifts	1	75	20%	775	10
Generator Sets	1	81	50%	800	10
Water Truck	1	76	40%	800	10
Rubber Tired Dozers	1	82	40%	825	10
Tractors/Loaders/Backhoes	1	79	40%	825	10
Trenches	1	80	50%	850	10

9  
**Receptor: R12**

**Results:**  
**1-hour Leq: 53.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	10
Bore/Drill Rig	2	80	50%	750	10
Cement and Mortar Mixers	1	79	40%	775	10
Concrete/Industrial Saws	2	90	20%	775	10
Excavators	2	81	40%	800	10
Forklifts	1	75	20%	800	10
Generator Sets	1	81	50%	825	10
Water Truck	1	76	40%	825	10
Pavers	1	77	50%	850	10
Paving Equipment	1	85	50%	850	10
Pumps	1	81	50%	850	10
Plate Compactors	1	83	20%	850	10
Rollers	1	80	20%	850	10
Scrapers	1	84	40%	850	10
Signal Boards	2	83	50%	850	10
Surfacing Equipment	1	85	50%	850	10
Trenchers	1	80	50%	850	10
Welders	1	74	40%	850	10

22

**Receptor:** ***R12***

**Results:**  
**1-hour Leq: 57.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	750	10
Aerial Lift	1	75	20%	750	10
Bore/Drill Rig	1	79	20%	775	10
Cement and Mortar Mixers	1	79	40%	775	10
Concrete/Industrial Saws	1	90	20%	800	10
Cranes (Mobile)	2	81	16%	800	10
Forklifts	1	75	20%	825	10
Water Truck	1	76	40%	825	10
Pumps	1	81	50%	850	10
Plate Compactors	1	83	20%	850	10
Signal Boards	1	83	50%	850	10
Tractors/Loaders/Backhoes	1	79	40%	850	10
Welders	1	74	40%	850	10

14

**Receptor: R12**

**Results:**

**1-hour Leq: 53.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	750	10
Concrete/Industrial Saws	2	90	20%	750	10
Cranes (Mobile)	2	81	16%	775	10
Forklifts	1	75	20%	775	10
Water Truck	1	76	40%	800	10
Signal Boards	1	83	50%	800	10
Trenchers	1	80	50%	825	10
Welders	2	74	40%	825	10

**Receptor:** 12  
**R12**

**Results:**  
**1-hour Leq: 54.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1020	0
Concrete/Industrial Saws	1	90	20%	1020	0
Excavators	1	81	40%	1045	0
Forklifts	1	75	20%	1045	0
Generator Sets	1	81	50%	1070	0
Water Truck	1	76	40%	1070	0
Rough Terrain Forklifts	1	75	20%	1095	0
Scrapers	1	84	40%	1095	0
Trenchers	1	80	50%	1120	0

**Receptor:** 9  
**R12**

**Results:**  
**1-hour Leq: 60.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1020	0
Bore/Drill Rig	3	79	20%	1020	0
Cement and Mortar Mixers	1	79	40%	1045	0
Concrete/Industrial Saws	2	90	20%	1045	0
Excavators	2	81	40%	1070	0
Forklifts	1	75	20%	1070	0
Generator Sets	1	81	50%	1095	0
Water Truck	1	76	40%	1095	0
Pumps	1	81	50%	1120	0
Rough Terrain Forklifts	1	75	20%	1120	0
Rubber Tired Dozers	1	82	40%	1120	0
Signal Boards	2	83	50%	1120	0
Skid Steer Loaders	1	79	40%	1120	0
Surfacing Equipment	1	85	50%	1120	0
Tractors/Loaders/Backhoes	1	79	40%	1120	0
Trenchers	1	80	50%	1120	0
Welders	2	74	40%	1120	0

23

**Receptor: R12**

**Results:**  
**1-hour Leq: 64.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1020	0
Aerial Lift	4	75	20%	1020	0
Cement and Mortar Mixers	1	79	40%	1045	0
Concrete/Industrial Saws	2	90	20%	1045	0
Cranes (Tower)	1	81	16%	1070	0
Cranes (Mobile)	4	81	16%	1070	0
Forklifts	4	75	20%	1095	0
Generator Sets	1	81	50%	1095	0
Pumps	1	81	50%	1120	0
Signal Boards	1	83	50%	1120	0
Skid Steer Loaders	1	79	40%	1120	0
Welders	4	74	40%	1120	0

26

**Receptor: R12**

**Results:**  
**1-hour Leq: 63.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1020	0
Concrete/Industrial Saws	1	90	20%	1020	0
Cranes (Tower)	1	81	16%	1045	0
Cranes (Mobile)	3	81	16%	1045	0
Forklifts	2	75	20%	1070	0
Generator Sets	1	81	50%	1070	0
Water Truck	1	76	40%	1095	0
Pavers	1	77	50%	1095	0
Paving Equipment	1	85	50%	1120	0
Pumps	1	81	50%	1120	0
Plate Compactors	1	83	20%	1120	0
Rollers	1	80	20%	1120	0
Signal Boards	1	83	50%	1120	0
Surfacing Equipment	1	85	50%	1120	0
Trenchers	1	80	50%	1120	0
Welders	2	74	40%	1120	0

23

**Receptor: R12**

**Results:**  
**1-hour Leq: 63.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1040	10
Concrete/Industrial Saws	1	90	20%	1040	10
Excavators	1	81	40%	1065	10
Forklifts	1	75	20%	1065	10
Generator Sets	1	81	50%	1090	10
Water Truck	1	76	40%	1090	10
Rough Terrain Forklifts	1	75	20%	1115	10
Scrapers	1	84	40%	1115	10
Trenchers	1	80	50%	1140	10

**Receptor:** 9  
**R12**

**Results:**  
**1-hour Leq: 50.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1040	10
Bore/Drill Rig	2	79	20%	1040	10
Cement and Mortar Mixers	1	79	40%	1065	10
Concrete/Industrial Saws	2	90	20%	1065	10
Excavators	2	81	40%	1090	10
Forklifts	1	75	20%	1090	10
Generator Sets	1	81	50%	1115	10
Water Truck	1	76	40%	1115	10
Pumps	1	81	50%	1140	10
Rough Terrain Forklifts	1	75	20%	1140	10
Rubber Tired Forklifts	1	75	20%	1140	10
Signal Boards	2	83	50%	1140	10
Skid Steer Loaders	1	79	40%	1140	10
Surfacing Equipment	1	85	50%	1140	10
Tractors/Loaders/Backhoes	1	79	40%	1140	10
Trenchers	1	80	50%	1140	10
Welders	2	74	40%	1140	10

22

**Receptor: R12**

**Results:**  
**1-hour Leq: 54.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1040	10
Aerial Lift	3	75	20%	1040	10
Cement and Mortar Mixers	1	79	40%	1065	10
Concrete/Industrial Saws	2	90	20%	1065	10
Cranes (Tower)	1	81	16%	1090	10
Cranes (Mobile)	3	81	16%	1090	10
Forklifts	3	75	20%	1115	10
Generator Sets	1	81	50%	1115	10
Pumps	1	81	50%	1140	10
Signal Boards	1	83	50%	1140	10
Skid Steer Loaders	1	79	40%	1140	10
Welders	3	74	40%	1140	10

22

**Receptor: R12**

**Results:**  
**1-hour Leq: 52.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1040	10
Concrete/Industrial Saws	1	90	20%	1040	10
Cranes (Tower)	1	81	16%	1065	10
Cranes (Mobile)	2	81	16%	1065	10
Forklifts	2	75	20%	1090	10
Generator Sets	1	81	50%	1090	10
Water Truck	1	76	40%	1115	10
Pavers	1	77	50%	1115	10
Paving Equipment	1	85	50%	1140	10
Pumps	1	81	50%	1140	10
Plate Compactors	1	83	20%	1140	10
Rollers	1	80	20%	1140	10
Signal Boards	1	83	50%	1140	10
Surfacing Equipment	1	85	50%	1140	10
Trenchers	1	80	50%	1140	10
Welders	2	74	40%	1140	10

21

**Receptor: R12**

**Results:**  
**1-hour Leq: 53.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1050	10
Concrete/Industrial Saws	1	90	20%	1050	10
Excavators	1	81	40%	1075	10
Forklifts	1	75	20%	1075	10
Generator Sets	1	81	50%	1100	10
Water Truck	1	76	40%	1100	10
Rubber Tired Dozers	1	82	40%	1125	10
Tractors/Loaders/Backhoes	1	79	40%	1125	10
Trenchers	1	80	50%	1150	10

**Receptor:** 9  
**R12**

**Results:**  
**1-hour Leq: 50.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1050	10
Bore/Drill Rig	2	79	20%	1050	10
Cement and Mortar Mixers	1	79	40%	1075	10
Concrete/Industrial Saws	2	90	20%	1075	10
Excavators	2	81	40%	1100	10
Forklifts	1	75	20%	1100	10
Generator Sets	1	81	50%	1125	10
Water Truck	1	76	40%	1125	10
Pavers	1	77	50%	1150	10
Paving Equipment	1	85	50%	1150	10
Pumps	1	77	50%	1150	10
Plate Compactors	1	83	20%	1150	10
Rollers	1	80	20%	1150	10
Scrapers	1	84	40%	1150	10
Signal Boards	2	83	20%	1150	10
Surfacing Equipment	1	85	50%	1150	10
Trenchers	1	80	50%	1150	10
Welders	1	74	40%	1150	10

22  
**Receptor: R12**

**Results:**  
**1-hour Leq: 54.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1050	10
Aerial Lift	4	75	20%	1050	10
Cement and Mortar Mixers	1	79	40%	1075	10
Concrete/Industrial Saws	2	90	20%	1075	10
Cranes (Tower)	1	81	16%	1100	10
Cranes (Mobile)	4	81	16%	1100	10
Forklifts	4	75	20%	1125	10
Generator Sets	1	81	50%	1125	10
Pumps	1	81	50%	1150	10
Signal Boards	1	83	50%	1150	10
Skid Steer Loaders	1	79	40%	1150	10
Welders	4	74	40%	1150	10

**Receptor:** <sup>26</sup>  
**R12**

**Results:**  
**1-hour Leq: 52.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1050	10
Concrete/Industrial Saws	1	90	20%	1050	10
Cranes (Tower)	1	81	16%	1075	10
Cranes (Mobile)	3	81	16%	1075	10
Forklifts	2	75	20%	1100	10
Generator Sets	1	81	50%	1100	10
Water Truck	1	76	40%	1125	10
Pavers	1	77	50%	1125	10
Paving Equipment	1	85	50%	1150	10
Pumps	1	81	50%	1150	10
Plate Compactors	1	83	20%	1150	10
Rollers	1	80	20%	1150	10
Signal Boards	1	83	50%	1150	10
Surfacing Equipment	1	85	50%	1150	10
Trenchers	1	80	50%	1150	10
Welders	2	74	40%	1150	10

23  
**Receptor: R12**

**Results:**  
**1-hour Leq: 53.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	690	10
Concrete/Industrial Saws	1	90	20%	690	10
Excavators	1	81	40%	715	10
Forklifts	1	75	20%	715	10
Generator Sets	1	81	50%	740	10
Water Truck	1	76	40%	740	10
Rough Terrain Forklifts	1	75	20%	765	10
Scrapers	1	84	40%	765	10
Trenchers	1	80	50%	790	10

**Receptor:** <sup>9</sup>  
**R12**

**Results:**  
**1-hour Leq: 53.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	690	10
Bore/Drill Rig	3	79	20%	690	10
Cement and Mortar Mixers	1	79	40%	715	10
Concrete/Industrial Saws	2	90	20%	715	10
Excavators	2	81	40%	740	10
Forklifts	1	75	20%	740	10
Generator Sets	1	81	50%	765	10
Water Truck	1	76	40%	765	10
Pumps	1	81	50%	790	10
Rough Terrain Forklifts	1	76	40%	790	10
Rubber Tired Loaders	1	79	40%	790	10
Signal Boards	2	83	50%	790	10
Skid Steer Loaders	1	79	40%	790	10
Surfacing Equipment	1	85	50%	790	10
Tractors/Loaders/Backhoes	1	79	40%	790	10
Trenchers	1	80	50%	790	10
Welders	2	74	40%	790	10

23

**Receptor: R12**

**Results:**  
**1-hour Leq: 57.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	690	10
Aerial Lift	4	75	20%	690	10
Cement and Mortar Mixers	1	79	40%	715	10
Concrete/Industrial Saws	2	90	20%	715	10
Cranes (Tower)	1	81	16%	740	10
Cranes (Mobile)	4	81	16%	740	10
Forklifts	4	75	20%	765	10
Generator Sets	1	81	50%	765	10
Pumps	1	81	50%	790	10
Signal Boards	1	83	50%	790	10
Skid Steer Loaders	1	79	40%	790	10
Welders	4	74	40%	790	10

**Receptor:** <sup>26</sup>  
***R12***

**Results:**  
**1-hour Leq: 56.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	690	10
Concrete/Industrial Saws	1	75	20%	690	10
Cranes (Tower)	1	81	16%	715	10
Cranes (Mobile)	3	81	16%	715	10
Forklifts	2	75	20%	740	10
Generator Sets	1	81	50%	740	10
Water Truck	1	76	40%	765	10
Pavers	1	77	50%	765	10
Paving Equipment	1	85	50%	790	10
Pumps	1	81	50%	790	10
Plate Compactors	1	83	20%	790	10
Rollers	1	80	20%	790	10
Signal Boards	1	83	50%	790	10
Surfacing Equipment	1	85	50%	790	10
Trenchers	1	80	50%	790	10
Welders	2	74	40%	790	10

23  
**Receptor: R12**

**Results:**  
**1-hour Leq: 55.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	670	10
Concrete/Industrial Saws	1	90	20%	670	10
Excavators	1	81	40%	695	10
Forklifts	1	75	20%	695	10
Generator Sets	1	81	50%	720	10
Water Truck	1	76	40%	720	10
Rough Terrain Forklifts	1	75	20%	745	10
Scrapers	1	84	40%	745	10
Trenchers	1	80	50%	770	10

9

**Receptor: R12**

**Results:**  
**1-hour Leq: 54.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	670	10
Bore/Drill Rig	4	79	20%	670	10
Cement and Mortar Mixers	1	79	40%	695	10
Concrete/Industrial Saws	3	90	20%	695	10
Excavators	3	81	40%	720	10
Forklifts	1	75	20%	720	10
Generator Sets	1	81	50%	745	10
Water Truck	1	76	40%	745	10
Pumps	1	81	50%	770	10
Rough Terrain Forklifts	1	75	20%	770	10
Rubber Tired Loaders	1	79	40%	770	10
Signal Boards	2	83	50%	770	10
Skid Steer Loaders	1	79	40%	770	10
Surfacing Equipment	1	85	50%	770	10
Tractors/Loaders/Backhoes	1	79	40%	770	10
Trenchers	1	80	50%	770	10
Welders	3	74	40%	770	10

27  
**Receptor: R12**

**Results:**  
**1-hour Leq: 58.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	670	10
Aerial Lift	8	75	20%	670	10
Cement and Mortar Mixers	2	79	40%	695	10
Concrete/Industrial Saws	3	90	20%	695	10
Cranes (Tower)	1	81	16%	720	10
Cranes (Mobile)	5	86	16%	720	10
Forklifts	5	75	20%	745	10
Generator Sets	2	81	50%	745	10
Pumps	1	81	50%	770	10
Signal Boards	1	83	50%	770	10
Skid Steer Loaders	1	79	40%	770	10
Welders	6	74	40%	770	10

**Receptor:** 38  
**R12**

**Results:**  
**1-hour Leq:** **58.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	670	10
Aerial Lift	6	75	20%	670	10
Cement and Mortar Mixers	1	79	40%	695	10
Concrete/Industrial Saws	2	90	20%	695	10
Cranes (Tower)	1	81	16%	720	10
Cranes (Mobile)	4	81	16%	720	10
Forklifts	4	75	20%	745	10
Generator Sets	2	81	50%	745	10
Water Truck	1	76	40%	770	10
Pavers	1	77	50%	770	10
Paving Equipment	1	85	50%	770	10
Pumps	1	81	50%	770	10
Plate Compactors	1	83	20%	770	10
Rollers	1	80	20%	770	10
Signal Boards	1	83	50%	770	10
Surfacing Equipment	1	85	50%	770	10
Trenchers	1	80	50%	770	10
Welders	5	74	40%	770	10

35  
**Receptor: R12**

**Results:**  
**1-hour Leq: 58.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1180	10
Concrete/Industrial Saws	1	90	20%	1180	10
Excavators	1	81	40%	1205	10
Forklifts	1	75	20%	1205	10
Generator Sets	1	81	50%	1230	10
Water Truck	1	76	40%	1230	10
Rough Terrain Forklifts	1	75	20%	1255	10
Scrapers	1	84	40%	1255	10
Trenchers	1	80	50%	1280	10

9  
**Receptor: R12**

**Results:**  
**1-hour Leq: 49.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1180	10
Bore/Drill Rig	2	79	20%	1180	10
Cement and Mortar Mixers	1	79	40%	1205	10
Concrete/Industrial Saws	2	90	20%	1205	10
Excavators	2	81	40%	1230	10
Forklifts	1	75	20%	1230	10
Generator Sets	1	81	50%	1255	10
Water Truck	1	76	40%	1255	10
Pumps	1	81	50%	1280	10
Rough Terrain Forklifts	1	75	20%	1280	10
Rubber Tired Loaders	1	79	40%	1280	10
Signal Boards	2	83	50%	1280	10
Skid Steer Loaders	1	79	40%	1280	10
Surfacing Equipment	1	85	50%	1280	10
Tractors/Loaders/Backhoes	1	79	40%	1280	10
Trenchers	1	80	50%	1280	10
Welders	2	74	40%	1280	10

22  
**Receptor: R12**

**Results:**  
**1-hour Leq: 53.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1180	10
Aerial Lift	3	75	20%	1180	10
Cement and Mortar Mixers	1	79	40%	1205	10
Concrete/Industrial Saws	2	90	20%	1205	10
Cranes (Tower)	1	81	16%	1230	10
Cranes (Mobile)	1	86	16%	1230	10
Forklifts	3	75	20%	1255	10
Generator Sets	1	81	50%	1255	10
Pumps	1	81	50%	1280	10
Signal Boards	1	83	50%	1280	10
Skid Steer Loaders	1	79	40%	1280	10
Welders	3	74	40%	1280	10

**Receptor:** <sup>20</sup>  
**R12**

**Results:**  
**1-hour Leq: 51.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1180	10
Concrete/Industrial Saws	1	90	20%	1180	10
Cranes (Tower)	1	81	16%	1205	10
Cranes (Mobile)	2	81	16%	1205	10
Forklifts	2	75	20%	1230	10
Generator Sets	1	81	50%	1230	10
Water Truck	1	76	40%	1255	10
Pavers	1	77	50%	1255	10
Paving Equipment	1	85	50%	1280	10
Pumps	1	81	50%	1280	10
Plate Compactors	1	83	20%	1280	10
Rollers	1	80	20%	1280	10
Signal Boards	1	83	50%	1280	10
Surfacing Equipment	1	85	50%	1280	10
Trenchers	1	80	50%	1280	10
Welders	2	74	40%	1280	10

21  
**Receptor: R12**

**Results:**  
**1-hour Leq: 52.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	310	10
Concrete/Industrial Saws	1	90	20%	310	10
Excavators	1	81	40%	335	10
Forklifts	1	75	20%	335	10
Generator Sets	1	81	50%	360	10
Water Truck	1	76	40%	360	10
Rough Terrain Forklifts	1	75	20%	385	10
Scrapers	1	84	40%	385	10
Signal Boards	1	83	50%	410	10
Trenchers	1	80	50%	410	10

**Receptor:** <sup>10</sup>  
***R12***

**Results:**  
**1-hour Leq: 61.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	310	10
Bore/Drill Rig	3	79	20%	310	10
Cement and Mortar Mixers	1	79	40%	335	10
Concrete/Industrial Saws	3	90	20%	335	10
Excavators	3	81	40%	360	10
Forklifts	1	75	20%	360	10
Generator Sets	1	81	50%	385	10
Water Truck	1	76	40%	385	10
Pumps	1	81	50%	410	10
Rubber Tired Loaders	1	79	40%	410	10
Signal Boards	2	83	50%	410	10
Skid Steer Loaders	1	79	40%	410	10
Surfacing Equipment	1	85	50%	410	10
Tractors/Loaders/Backhoes	1	79	40%	410	10
Trenchers	1	80	50%	410	10
Welders	4	74	40%	410	10

26

**Receptor: R12**

**Results:**

**1-hour Leq: 64.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	310	10
Aerial Lift	8	75	20%	310	10
Cement and Mortar Mixers	1	79	40%	335	10
Concrete/Industrial Saws	5	90	20%	335	10
Cranes (Tower)	1	81	16%	360	10
Cranes (Mobile)	4	86	16%	360	10
Forklifts	3	75	20%	385	10
Generator Sets	1	81	50%	385	10
Pumps	1	81	50%	410	10
Signal Boards	1	83	50%	410	10
Skid Steer Loaders	1	79	40%	410	10
Welders	10	74	40%	410	10

**Receptor:** <sup>38</sup>  
**R12**

**Results:**  
**1-hour Leq: 65.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	310	10
Concrete/Industrial Saws	1	90	20%	310	10
Cranes (Tower)	1	81	16%	335	10
Cranes (Mobile)	3	81	16%	335	10
Forklifts	2	75	20%	360	10
Generator Sets	1	81	50%	360	10
Water Truck	1	76	40%	385	10
Pavers	1	77	50%	385	10
Paving Equipment	1	85	50%	410	10
Pumps	1	81	50%	410	10
Plate Compactors	1	83	20%	410	10
Rollers	1	80	20%	410	10
Signal Boards	1	83	50%	410	10
Surfacing Equipment	1	85	50%	410	10
Trenchers	1	80	50%	410	10
Welders	3	74	40%	410	10

25  
**Receptor: R12**

**Results:**  
**1-hour Leq: 62.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1270	10
Concrete/Industrial Saws	2	90	20%	1270	10
Excavators	1	81	40%	1295	10
Forklifts	1	75	20%	1295	10
Generator Sets	1	81	50%	1320	10
Water Truck	1	76	40%	1320	10
Rough Terrain Forklifts	1	75	20%	1345	10
Scrapers	1	84	40%	1345	10
Signal Boards	1	83	50%	1370	10
Trenchers	1	80	50%	1370	10
Cranes (Mobile)	1	81	16%	1370	10
Skid Steer Loaders	1	79	40%	1370	10

**Receptor:** <sup>13</sup>  
**R12**

**Results:**  
**1-hour Leq: 51.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1270	10
Bore/Drill Rig	2	79	20%	1270	10
Cement and Mortar Mixers	1	79	40%	1295	10
Concrete/Industrial Saws	1	90	20%	1295	10
Excavators	2	81	40%	1320	10
Forklifts	1	75	20%	1320	10
Generator Sets	1	81	50%	1345	10
Water Truck	1	76	40%	1345	10
Pumps	1	81	50%	1370	10
Rough Terrain Forklifts	1	75	20%	1370	10
Rubber Tired Loaders	1	79	40%	1370	10
Signal Boards	2	83	50%	1370	10
Skid Steer Loaders	1	79	40%	1370	10
Surfacing Equipment	1	85	50%	1370	10
Tractors/Loaders/Backhoes	1	79	40%	1370	10
Trenchers	1	80	50%	1370	10
Welders	1	74	40%	1370	10

**Receptor:** <sup>20</sup>  
**R12**

**Results:**  
**1-hour Leq: 51.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1270	10
Aerial Lift	4	75	20%	1270	10
Cement and Mortar Mixers	1	79	40%	1295	10
Concrete/Industrial Saws	1	90	20%	1295	10
Cranes (Mobile)	2	86	16%	1320	10
Forklifts	2	75	20%	1320	10
Generator Sets	1	81	50%	1345	10
Pumps	1	81	50%	1345	10
Signal Boards	2	83	50%	1370	10
Skid Steer Loaders	1	79	40%	1370	10
Welders	1	74	40%	1370	10

18  
**Receptor: R12**

**Results:**  
**1-hour Leq: 50.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1270	10
Concrete/Industrial Saws	1	90	20%	1270	10
Forklifts	2	75	20%	1295	10
Pavers	1	77	50%	1295	10
Paving Equipment	1	85	50%	1320	10
Pumps	1	81	50%	1320	10
Plate Compactors	1	83	20%	1345	10
Rollers	1	80	20%	1345	10
Signal Boards	1	83	50%	1370	10
Surfacing Equipment	1	85	50%	1370	10
Trenchers	1	80	50%	1370	10

15  
**Receptor: R12**

**Results:**  
**1-hour Leq: 50.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	845	10
Cement and Mortar Mixers	1	79	40%	845	10
Concrete/Industrial Saws	1	90	20%	870	10
Forklifts	1	75	20%	870	10
Generator Sets	1	81	50%	895	10
Water Truck	1	76	40%	895	10
Paving Equipment	1	85	50%	920	10
Plate Compactors	1	83	20%	920	10
Rollers	1	80	20%	945	10
Rough Terrain Forklifts	1	75	20%	945	10
Rubber Tired Loaders	1	79	40%	945	10
Scrapers	1	84	40%	945	10
Skid Steer Loaders	1	79	40%	945	10
Welders	1	74	40%	945	10

**Receptor:** <sup>14</sup>  
**R12**

**Results:**  
**1-hour Leq: 53.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	845	10
Aerial Lift	4	75	20%	845	10
Cement and Mortar Mixers	1	79	40%	870	10
Concrete/Industrial Saws	1	90	20%	870	10
Forklifts	4	75	20%	895	10
Generator Sets	1	81	50%	895	10
Welders	1	74	40%	920	10

**Receptor:** <sup>13</sup>  
**R12**

**Results:**  
**1-hour Leq: 51.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1360	0
Concrete/Industrial Saws	1	90	20%	1360	0
Excavators	1	81	40%	1385	0
Forklifts	1	75	20%	1385	0
Generator Sets	1	81	50%	1410	0
Water Truck	1	76	40%	1410	0
Rubber Tired Dozers	1	82	40%	1435	0
Tractors/Loaders/Backhoes	1	79	40%	1435	0
Trenches	1	80	50%	1460	0

9  
**Receptor: R13**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1360	0
Bore/Drill Rig	2	80	50%	1360	0
Cement and Mortar Mixers	1	79	40%	1385	0
Concrete/Industrial Saws	2	90	20%	1385	0
Excavators	2	81	40%	1410	0
Forklifts	1	75	20%	1410	0
Generator Sets	1	81	50%	1435	0
Water Truck	1	76	40%	1435	0
Pavers	1	77	50%	1460	0
Paving Equipment	1	85	50%	1460	0
Pumps	1	81	50%	1460	0
Plate Compactors	1	83	20%	1460	0
Rollers	1	80	20%	1460	0
Scrapers	1	84	40%	1460	0
Signal Boards	2	83	50%	1460	0
Surfacing Equipment	1	85	50%	1460	0
Trenchers	1	80	50%	1460	0
Welders	1	74	40%	1460	0

22

**Receptor: R13**

**Results:**  
**1-hour Leq: 62.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1360	0
Aerial Lift	1	75	20%	1360	0
Bore/Drill Rig	1	79	20%	1385	0
Cement and Mortar Mixers	1	79	40%	1385	0
Concrete/Industrial Saws	1	90	20%	1410	0
Cranes (Mobile)	2	81	16%	1410	0
Forklifts	1	75	20%	1435	0
Water Truck	1	76	40%	1435	0
Pumps	1	81	50%	1460	0
Plate Compactors	1	83	20%	1460	0
Signal Boards	1	83	50%	1460	0
Tractors/Loaders/Backhoes	1	79	40%	1460	0
Welders	1	74	40%	1460	0

14

**Receptor: R13**

**Results:**

**1-hour Leq: 58.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	1360	0
Concrete/Industrial Saws	2	90	20%	1360	0
Cranes (Mobile)	2	81	16%	1385	0
Forklifts	1	75	20%	1385	0
Water Truck	1	76	40%	1410	0
Signal Boards	1	83	50%	1410	0
Trenchers	1	80	50%	1435	0
Welders	2	74	40%	1435	0

**Receptor:** 12  
**R13**

**Results:**  
**1-hour Leq: 59.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1230	10
Concrete/Industrial Saws	1	90	20%	1230	10
Excavators	1	81	40%	1255	10
Forklifts	1	75	20%	1255	10
Generator Sets	1	81	50%	1280	10
Water Truck	1	76	40%	1280	10
Rough Terrain Forklifts	1	75	20%	1305	10
Scrapers	1	84	40%	1305	10
Trenchers	1	80	50%	1330	10

**Receptor:** 9  
**R13**

**Results:**  
**1-hour Leq:** **49.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1230	10
Bore/Drill Rig	3	79	20%	1230	10
Cement and Mortar Mixers	1	79	40%	1255	10
Concrete/Industrial Saws	2	90	20%	1255	10
Excavators	2	81	40%	1280	10
Forklifts	1	75	20%	1280	10
Generator Sets	1	81	50%	1305	10
Water Truck	1	76	40%	1305	10
Pumps	1	81	50%	1330	10
Rough Terrain Forklifts	1	75	20%	1330	10
Rubber Tired Dozers	1	82	40%	1330	10
Signal Boards	2	83	50%	1330	10
Skid Steer Loaders	1	79	40%	1330	10
Surfacing Equipment	1	85	50%	1330	10
Tractors/Loaders/Backhoes	1	79	40%	1330	10
Trenchers	1	80	50%	1330	10
Welders	2	74	40%	1330	10

23

**Receptor:** ***R13***

**Results:**  
**1-hour Leq: 52.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1230	10
Aerial Lift	4	75	20%	1230	10
Cement and Mortar Mixers	1	79	40%	1255	10
Concrete/Industrial Saws	2	90	20%	1255	10
Cranes (Tower)	1	81	16%	1280	10
Cranes (Mobile)	4	81	16%	1280	10
Forklifts	4	75	20%	1305	10
Generator Sets	1	81	50%	1305	10
Pumps	1	81	50%	1330	10
Signal Boards	1	83	50%	1330	10
Skid Steer Loaders	1	79	40%	1330	10
Welders	4	74	40%	1330	10

26

**Receptor: R13**

**Results:**  
**1-hour Leq: 51.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1230	10
Concrete/Industrial Saws	1	90	20%	1230	10
Cranes (Tower)	1	81	16%	1255	10
Cranes (Mobile)	3	81	16%	1255	10
Forklifts	2	75	20%	1280	10
Generator Sets	1	81	50%	1280	10
Water Truck	1	76	40%	1305	10
Pavers	1	77	50%	1305	10
Paving Equipment	1	85	50%	1330	10
Pumps	1	81	50%	1330	10
Plate Compactors	1	83	20%	1330	10
Rollers	1	80	20%	1330	10
Signal Boards	1	83	50%	1330	10
Surfacing Equipment	1	85	50%	1330	10
Trenchers	1	80	50%	1330	10
Welders	2	74	40%	1330	10

23

**Receptor: R13**

**Results:**  
**1-hour Leq: 51.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	930	10
Concrete/Industrial Saws	1	90	20%	930	10
Excavators	1	81	40%	955	10
Forklifts	1	75	20%	955	10
Generator Sets	1	81	50%	980	10
Water Truck	1	76	40%	980	10
Rough Terrain Forklifts	1	75	20%	1005	10
Scrapers	1	84	40%	1005	10
Trenchers	1	80	50%	1030	10

**Receptor:** 9  
**R13**

**Results:**  
**1-hour Leq: 51.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	930	10
Bore/Drill Rig	2	79	20%	930	10
Cement and Mortar Mixers	1	79	40%	955	10
Concrete/Industrial Saws	2	90	20%	955	10
Excavators	2	81	40%	980	10
Forklifts	1	75	20%	980	10
Generator Sets	1	81	50%	1005	10
Water Truck	1	76	40%	1005	10
Pumps	1	81	50%	1030	10
Rough Terrain Forklifts	1	75	20%	1030	10
Rubber Tired Forklifts	1	75	20%	1030	10
Signal Boards	2	83	50%	1030	10
Skid Steer Loaders	1	79	40%	1030	10
Surfacing Equipment	1	85	50%	1030	10
Tractors/Loaders/Backhoes	1	79	40%	1030	10
Trenchers	1	80	50%	1030	10
Welders	2	74	40%	1030	10

22

**Receptor: R13**

**Results:**  
**1-hour Leq: 55.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	930	10
Aerial Lift	3	75	20%	930	10
Cement and Mortar Mixers	1	79	40%	955	10
Concrete/Industrial Saws	2	90	20%	955	10
Cranes (Tower)	1	81	16%	980	10
Cranes (Mobile)	3	81	16%	980	10
Forklifts	3	75	20%	1005	10
Generator Sets	1	81	50%	1005	10
Pumps	1	81	50%	1030	10
Signal Boards	1	83	50%	1030	10
Skid Steer Loaders	1	79	40%	1030	10
Welders	3	74	40%	1030	10

22

**Receptor: R13**

**Results:**

**1-hour Leq: 53.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	930	10
Concrete/Industrial Saws	1	90	20%	930	10
Cranes (Tower)	1	81	16%	955	10
Cranes (Mobile)	2	81	16%	955	10
Forklifts	2	75	20%	980	10
Generator Sets	1	81	50%	980	10
Water Truck	1	76	40%	1005	10
Pavers	1	77	50%	1005	10
Paving Equipment	1	85	50%	1030	10
Pumps	1	81	50%	1030	10
Plate Compactors	1	83	20%	1030	10
Rollers	1	80	20%	1030	10
Signal Boards	1	83	50%	1030	10
Surfacing Equipment	1	85	50%	1030	10
Trenchers	1	80	50%	1030	10
Welders	2	74	40%	1030	10

21

**Receptor: R13**

**Results:**  
**1-hour Leq: 54.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	680	10
Concrete/Industrial Saws	1	90	20%	680	10
Excavators	1	81	40%	705	10
Forklifts	1	75	20%	705	10
Generator Sets	1	81	50%	730	10
Water Truck	1	76	40%	730	10
Rubber Tired Dozers	1	82	40%	755	10
Tractors/Loaders/Backhoes	1	79	40%	755	10
Trenchers	1	80	50%	780	10

**Receptor:** 9  
**R13**

**Results:**  
**1-hour Leq: 54.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3**  
**Grading & Exc**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	680	10
Bore/Drill Rig	2	79	20%	680	10
Cement and Mortar Mixers	1	79	40%	705	10
Concrete/Industrial Saws	2	90	20%	705	10
Excavators	2	81	40%	730	10
Forklifts	1	75	20%	730	10
Generator Sets	1	81	50%	755	10
Water Truck	1	76	40%	755	10
Pavers	1	77	50%	780	10
Paving Equipment	1	85	50%	780	10
Pumps	1	77	50%	780	10
Plate Compactors	1	83	20%	780	10
Rollers	1	80	20%	780	10
Scrapers	1	84	40%	780	10
Signal Boards	2	83	20%	780	10
Surfacing Equipment	1	85	50%	780	10
Trenchers	1	80	50%	780	10
Welders	1	74	40%	780	10

**Receptor:** <sup>22</sup>  
**R13**

**Results:**  
**1-hour Leq: 57.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	680	10
Aerial Lift	4	75	20%	680	10
Cement and Mortar Mixers	1	79	40%	705	10
Concrete/Industrial Saws	2	90	20%	705	10
Cranes (Tower)	1	81	16%	730	10
Cranes (Mobile)	4	81	16%	730	10
Forklifts	4	75	20%	755	10
Generator Sets	1	81	50%	755	10
Pumps	1	81	50%	780	10
Signal Boards	1	83	50%	780	10
Skid Steer Loaders	1	79	40%	780	10
Welders	4	74	40%	780	10

**Receptor:** <sup>26</sup>  
**R13**

**Results:**  
**1-hour Leq: 56.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	680	10
Concrete/Industrial Saws	1	90	20%	680	10
Cranes (Tower)	1	81	16%	705	10
Cranes (Mobile)	3	81	16%	705	10
Forklifts	2	75	20%	730	10
Generator Sets	1	81	50%	730	10
Water Truck	1	76	40%	755	10
Pavers	1	77	50%	755	10
Paving Equipment	1	85	50%	780	10
Pumps	1	81	50%	780	10
Plate Compactors	1	83	20%	780	10
Rollers	1	80	20%	780	10
Signal Boards	1	83	50%	780	10
Surfacing Equipment	1	85	50%	780	10
Trenchers	1	80	50%	780	10
Welders	2	74	40%	780	10

23  
**Receptor: R13**

**Results:**  
**1-hour Leq: 56.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	5
Concrete/Industrial Saws	1	90	20%	600	5
Excavators	1	81	40%	625	5
Forklifts	1	75	20%	625	5
Generator Sets	1	81	50%	650	5
Water Truck	1	76	40%	650	5
Rough Terrain Forklifts	1	75	20%	675	5
Scrapers	1	84	40%	675	5
Trenchers	1	80	50%	700	5

**Receptor:** <sup>9</sup>  
**R13**

**Results:**  
**1-hour Leq: 60.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	600	5
Bore/Drill Rig	3	79	20%	600	5
Cement and Mortar Mixers	1	79	40%	625	5
Concrete/Industrial Saws	2	90	20%	625	5
Excavators	2	81	40%	650	5
Forklifts	1	75	20%	650	5
Generator Sets	1	81	50%	675	5
Water Truck	1	76	40%	675	5
Pumps	1	81	50%	700	5
Rough Terrain Forklifts	1	76	40%	700	5
Rubber Tired Loaders	1	79	40%	700	5
Signal Boards	2	83	50%	700	5
Skid Steer Loaders	1	79	40%	700	5
Surfacing Equipment	1	85	50%	700	5
Tractors/Loaders/Backhoes	1	79	40%	700	5
Trenchers	1	80	50%	700	5
Welders	2	74	40%	700	5

23  
**Receptor: R13**

**Results:**  
**1-hour Leq: 63.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	600	5
Aerial Lift	4	75	20%	600	5
Cement and Mortar Mixers	1	79	40%	625	5
Concrete/Industrial Saws	2	90	20%	625	5
Cranes (Tower)	1	81	16%	650	5
Cranes (Mobile)	4	81	16%	650	5
Forklifts	4	75	20%	675	5
Generator Sets	1	81	50%	675	5
Pumps	1	81	50%	700	5
Signal Boards	1	83	50%	700	5
Skid Steer Loaders	1	79	40%	700	5
Welders	4	74	40%	700	5

**Receptor:** <sup>26</sup>  
***R13***

**Results:**  
**1-hour Leq: 62.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	600	5
Concrete/Industrial Saws	1	75	20%	600	5
Cranes (Tower)	1	81	16%	625	5
Cranes (Mobile)	3	81	16%	625	5
Forklifts	2	75	20%	650	5
Generator Sets	1	81	50%	650	5
Water Truck	1	76	40%	675	5
Pavers	1	77	50%	675	5
Paving Equipment	1	85	50%	700	5
Pumps	1	81	50%	700	5
Plate Compactors	1	83	20%	700	5
Rollers	1	80	20%	700	5
Signal Boards	1	83	50%	700	5
Surfacing Equipment	1	85	50%	700	5
Trenchers	1	80	50%	700	5
Welders	2	74	40%	700	5

23  
**Receptor: R13**

**Results:**  
**1-hour Leq: 61.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	5
Concrete/Industrial Saws	1	90	20%	870	5
Excavators	1	81	40%	895	5
Forklifts	1	75	20%	895	5
Generator Sets	1	81	50%	920	5
Water Truck	1	76	40%	920	5
Rough Terrain Forklifts	1	75	20%	945	5
Scrapers	1	84	40%	945	5
Trenchers	1	80	50%	970	5

9

**Receptor: R13**

**Results:**  
**1-hour Leq: 57.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	5
Bore/Drill Rig	4	79	20%	870	5
Cement and Mortar Mixers	1	79	40%	895	5
Concrete/Industrial Saws	3	90	20%	895	5
Excavators	3	81	40%	920	5
Forklifts	1	75	20%	920	5
Generator Sets	1	81	50%	945	5
Water Truck	1	76	40%	945	5
Pumps	1	81	50%	970	5
Rough Terrain Forklifts	1	75	20%	970	5
Rubber Tired Loaders	1	79	40%	970	5
Signal Boards	2	83	50%	970	5
Skid Steer Loaders	1	79	40%	970	5
Surfacing Equipment	1	85	50%	970	5
Tractors/Loaders/Backhoes	1	79	40%	970	5
Trenchers	1	80	50%	970	5
Welders	3	74	40%	970	5

27  
**Receptor: R13**

**Results:**  
**1-hour Leq: 61.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	870	5
Aerial Lift	8	75	20%	870	5
Cement and Mortar Mixers	2	79	40%	895	5
Concrete/Industrial Saws	3	90	20%	895	5
Cranes (Tower)	1	81	16%	920	5
Cranes (Mobile)	5	86	16%	920	5
Forklifts	5	75	20%	945	5
Generator Sets	2	81	50%	945	5
Pumps	1	81	50%	970	5
Signal Boards	1	83	50%	970	5
Skid Steer Loaders	1	79	40%	970	5
Welders	6	74	40%	970	5

38

**Receptor: R13**

**Results:**  
**1-hour Leq: 61.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	870	5
Aerial Lift	6	75	20%	870	5
Cement and Mortar Mixers	1	79	40%	895	5
Concrete/Industrial Saws	2	90	20%	895	5
Cranes (Tower)	1	81	16%	920	5
Cranes (Mobile)	4	81	16%	920	5
Forklifts	4	75	20%	945	5
Generator Sets	2	81	50%	945	5
Water Truck	1	76	40%	970	5
Pavers	1	77	50%	970	5
Paving Equipment	1	85	50%	970	5
Pumps	1	81	50%	970	5
Plate Compactors	1	83	20%	970	5
Rollers	1	80	20%	970	5
Signal Boards	1	83	50%	970	5
Surfacing Equipment	1	85	50%	970	5
Trenchers	1	80	50%	970	5
Welders	5	74	40%	970	5

**Receptor:** <sup>35</sup>  
***R13***

**Results:**  
**1-hour Leq: 61.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1760	10
Concrete/Industrial Saws	1	90	20%	1760	10
Excavators	1	81	40%	1785	10
Forklifts	1	75	20%	1785	10
Generator Sets	1	81	50%	1810	10
Water Truck	1	76	40%	1810	10
Rough Terrain Forklifts	1	75	20%	1835	10
Scrapers	1	84	40%	1835	10
Trenchers	1	80	50%	1860	10

**Receptor:** <sup>9</sup>  
**R13**

**Results:**  
**1-hour Leq: 46.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1760	10
Bore/Drill Rig	2	79	20%	1760	10
Cement and Mortar Mixers	1	79	40%	1785	10
Concrete/Industrial Saws	2	90	20%	1785	10
Excavators	2	81	40%	1810	10
Forklifts	1	75	20%	1810	10
Generator Sets	1	81	50%	1835	10
Water Truck	1	76	40%	1835	10
Pumps	1	81	50%	1860	10
Rough Terrain Forklifts	1	75	20%	1860	10
Rubber Tired Loaders	1	79	40%	1860	10
Signal Boards	2	83	50%	1860	10
Skid Steer Loaders	1	79	40%	1860	10
Surfacing Equipment	1	85	50%	1860	10
Tractors/Loaders/Backhoes	1	79	40%	1860	10
Trenchers	1	80	50%	1860	10
Welders	2	74	40%	1860	10

22  
**Receptor: R13**

**Results:**  
**1-hour Leq: 49.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1760	10
Aerial Lift	3	75	20%	1760	10
Cement and Mortar Mixers	1	79	40%	1785	10
Concrete/Industrial Saws	2	90	20%	1785	10
Cranes (Tower)	1	81	16%	1810	10
Cranes (Mobile)	1	86	16%	1810	10
Forklifts	3	75	20%	1835	10
Generator Sets	1	81	50%	1835	10
Pumps	1	81	50%	1860	10
Signal Boards	1	83	50%	1860	10
Skid Steer Loaders	1	79	40%	1860	10
Welders	3	74	40%	1860	10

**Receptor:** <sup>20</sup>  
**R13**

**Results:**  
**1-hour Leq: 48.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1760	10
Concrete/Industrial Saws	1	90	20%	1760	10
Cranes (Tower)	1	81	16%	1785	10
Cranes (Mobile)	2	81	16%	1785	10
Forklifts	2	75	20%	1810	10
Generator Sets	1	81	50%	1810	10
Water Truck	1	76	40%	1835	10
Pavers	1	77	50%	1835	10
Paving Equipment	1	85	50%	1860	10
Pumps	1	81	50%	1860	10
Plate Compactors	1	83	20%	1860	10
Rollers	1	80	20%	1860	10
Signal Boards	1	83	50%	1860	10
Surfacing Equipment	1	85	50%	1860	10
Trenchers	1	80	50%	1860	10
Welders	2	74	40%	1860	10

21  
**Receptor: R13**

**Results:**  
**1-hour Leq: 48.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1270	10
Concrete/Industrial Saws	1	90	20%	1270	10
Excavators	1	81	40%	1295	10
Forklifts	1	75	20%	1295	10
Generator Sets	1	81	50%	1320	10
Water Truck	1	76	40%	1320	10
Rough Terrain Forklifts	1	75	20%	1345	10
Scrapers	1	84	40%	1345	10
Signal Boards	1	83	50%	1370	10
Trenchers	1	80	50%	1370	10

**Receptor:** <sup>10</sup>  
**R13**

**Results:**  
**1-hour Leq: 49.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1270	10
Bore/Drill Rig	3	79	20%	1270	10
Cement and Mortar Mixers	1	79	40%	1295	10
Concrete/Industrial Saws	3	90	20%	1295	10
Excavators	3	81	40%	1320	10
Forklifts	1	75	20%	1320	10
Generator Sets	1	81	50%	1345	10
Water Truck	1	76	40%	1345	10
Pumps	1	81	50%	1370	10
Rubber Tired Loaders	1	79	40%	1370	10
Signal Boards	2	83	50%	1370	10
Skid Steer Loaders	1	79	40%	1370	10
Surfacing Equipment	1	85	50%	1370	10
Tractors/Loaders/Backhoes	1	79	40%	1370	10
Trenchers	1	80	50%	1370	10
Welders	4	74	40%	1370	10

26

**Receptor: R13**

**Results:**  
**1-hour Leq: 53.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1270	10
Aerial Lift	8	75	20%	1270	10
Cement and Mortar Mixers	1	79	40%	1295	10
Concrete/Industrial Saws	5	90	20%	1295	10
Cranes (Tower)	1	81	16%	1320	10
Cranes (Mobile)	4	86	16%	1320	10
Forklifts	3	75	20%	1345	10
Generator Sets	1	81	50%	1345	10
Pumps	1	81	50%	1370	10
Signal Boards	1	83	50%	1370	10
Skid Steer Loaders	1	79	40%	1370	10
Welders	10	74	40%	1370	10

38

**Receptor: R13**

**Results:**

**1-hour Leq: 54.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	1270	10
Concrete/Industrial Saws	1	90	20%	1270	10
Cranes (Tower)	1	81	16%	1295	10
Cranes (Mobile)	3	81	16%	1295	10
Forklifts	2	75	20%	1320	10
Generator Sets	1	81	50%	1320	10
Water Truck	1	76	40%	1345	10
Pavers	1	77	50%	1345	10
Paving Equipment	1	85	50%	1370	10
Pumps	1	81	50%	1370	10
Plate Compactors	1	83	20%	1370	10
Rollers	1	80	20%	1370	10
Signal Boards	1	83	50%	1370	10
Surfacing Equipment	1	85	50%	1370	10
Trenchers	1	80	50%	1370	10
Welders	3	74	40%	1370	10

25  
**Receptor: R13**

**Results:**  
**1-hour Leq: 51.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2040	10
Concrete/Industrial Saws	2	90	20%	2040	10
Excavators	1	81	40%	2065	10
Forklifts	1	75	20%	2065	10
Generator Sets	1	81	50%	2090	10
Water Truck	1	76	40%	2090	10
Rough Terrain Forklifts	1	75	20%	2115	10
Scrapers	1	84	40%	2115	10
Signal Boards	1	83	50%	2140	10
Trenchers	1	80	50%	2140	10
Cranes (Mobile)	1	81	16%	2140	10
Skid Steer Loaders	1	79	40%	2140	10

**Receptor:** <sup>13</sup>  
**R13**

**Results:**  
**1-hour Leq: 47.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2040	10
Bore/Drill Rig	2	79	20%	2040	10
Cement and Mortar Mixers	1	79	40%	2065	10
Concrete/Industrial Saws	1	90	20%	2065	10
Excavators	2	81	40%	2090	10
Forklifts	1	75	20%	2090	10
Generator Sets	1	81	50%	2115	10
Water Truck	1	76	40%	2115	10
Pumps	1	81	50%	2140	10
Rough Terrain Forklifts	1	75	20%	2140	10
Rubber Tired Loaders	1	79	40%	2140	10
Signal Boards	2	83	50%	2140	10
Skid Steer Loaders	1	79	40%	2140	10
Surfacing Equipment	1	85	50%	2140	10
Tractors/Loaders/Backhoes	1	79	40%	2140	10
Trenchers	1	80	50%	2140	10
Welders	1	74	40%	2140	10

**Receptor:** <sup>20</sup>  
**R13**

**Results:**  
**1-hour Leq: 47.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	2040	10
Aerial Lift	4	75	20%	2040	10
Cement and Mortar Mixers	1	79	40%	2065	10
Concrete/Industrial Saws	1	90	20%	2065	10
Cranes (Mobile)	2	86	16%	2090	10
Forklifts	2	75	20%	2090	10
Generator Sets	1	81	50%	2115	10
Pumps	1	81	50%	2115	10
Signal Boards	2	83	50%	2140	10
Skid Steer Loaders	1	79	40%	2140	10
Welders	1	74	40%	2140	10

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**Receptor: R13**

**Results:**  
**1-hour Leq: 46.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	2040	10
Concrete/Industrial Saws	1	90	20%	2040	10
Forklifts	2	75	20%	2065	10
Pavers	1	77	50%	2065	10
Paving Equipment	1	85	50%	2090	10
Pumps	1	81	50%	2090	10
Plate Compactors	1	83	20%	2115	10
Rollers	1	80	20%	2115	10
Signal Boards	1	83	50%	2140	10
Surfacing Equipment	1	85	50%	2140	10
Trenchers	1	80	50%	2140	10

15  
**Receptor: R13**

**Results:**  
**1-hour Leq: 46.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	10	0
Cement and Mortar Mixers	1	79	40%	10	0
Concrete/Industrial Saws	1	90	20%	35	0
Forklifts	1	75	20%	35	0
Generator Sets	1	81	50%	60	0
Water Truck	1	76	40%	60	0
Paving Equipment	1	85	50%	85	0
Plate Compactors	1	83	20%	85	0
Rollers	1	80	20%	110	0
Rough Terrain Forklifts	1	75	20%	110	0
Rubber Tired Loaders	1	79	40%	110	0
Scrapers	1	84	40%	110	0
Skid Steer Loaders	1	79	40%	110	0
Welders	1	74	40%	110	0

**Receptor:** <sup>14</sup>  
**R13**

**Results:**  
**1-hour Leq: 93.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	10	0
Aerial Lift	4	75	20%	10	0
Cement and Mortar Mixers	1	79	40%	35	0
Concrete/Industrial Saws	1	90	20%	35	0
Forklifts	4	75	20%	60	0
Generator Sets	1	81	50%	60	0
Welders	1	74	40%	85	0

**Receptor:** <sup>13</sup>  
**R13**

**Results:**  
**1-hour Leq: 92.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	730	5
Concrete/Industrial Saws	1	90	20%	730	5
Excavators	1	81	40%	755	5
Forklifts	1	75	20%	755	5
Generator Sets	1	81	50%	780	5
Water Truck	1	76	40%	780	5
Rubber Tired Dozers	1	82	40%	805	5
Tractors/Loaders/Backhoes	1	79	40%	805	5
Trenches	1	80	50%	830	5

9  
**Receptor: R14**

**Results:**  
**1-hour Leq: 58.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	730	5
Bore/Drill Rig	2	80	50%	730	5
Cement and Mortar Mixers	1	79	40%	755	5
Concrete/Industrial Saws	2	90	20%	755	5
Excavators	2	81	40%	780	5
Forklifts	1	75	20%	780	5
Generator Sets	1	81	50%	805	5
Water Truck	1	76	40%	805	5
Pavers	1	77	50%	830	5
Paving Equipment	1	85	50%	830	5
Pumps	1	81	50%	830	5
Plate Compactors	1	83	20%	830	5
Rollers	1	80	20%	830	5
Scrapers	1	84	40%	830	5
Signal Boards	2	83	50%	830	5
Surfacing Equipment	1	85	50%	830	5
Trenchers	1	80	50%	830	5
Welders	1	74	40%	830	5

22

**Receptor: R14**

**Results:**  
**1-hour Leq: 62.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	730	5
Aerial Lift	1	75	20%	730	5
Bore/Drill Rig	1	79	20%	755	5
Cement and Mortar Mixers	1	79	40%	755	5
Concrete/Industrial Saws	1	90	20%	780	5
Cranes (Mobile)	2	81	16%	780	5
Forklifts	1	75	20%	805	5
Water Truck	1	76	40%	805	5
Pumps	1	81	50%	830	5
Plate Compactors	1	83	20%	830	5
Signal Boards	1	83	50%	830	5
Tractors/Loaders/Backhoes	1	79	40%	830	5
Welders	1	74	40%	830	5

14

**Receptor: R14**

**Results:**

**1-hour Leq: 58.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 0  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	2	75	20%	730	5
Concrete/Industrial Saws	2	90	20%	730	5
Cranes (Mobile)	2	81	16%	755	5
Forklifts	1	75	20%	755	5
Water Truck	1	76	40%	780	5
Signal Boards	1	83	50%	780	5
Trenchers	1	80	50%	805	5
Welders	2	74	40%	805	5

**Receptor:** 12  
**R14**

**Results:**  
**1-hour Leq: 59.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1300	5
Concrete/Industrial Saws	1	90	20%	1300	5
Excavators	1	81	40%	1325	5
Forklifts	1	75	20%	1325	5
Generator Sets	1	81	50%	1350	5
Water Truck	1	76	40%	1350	5
Rough Terrain Forklifts	1	75	20%	1375	5
Scrapers	1	84	40%	1375	5
Trenchers	1	80	50%	1400	5

**Receptor:** 9  
**R14**

**Results:**  
**1-hour Leq: 53.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 1**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1300	5
Bore/Drill Rig	3	79	20%	1300	5
Cement and Mortar Mixers	1	79	40%	1325	5
Concrete/Industrial Saws	2	90	20%	1325	5
Excavators	2	81	40%	1350	5
Forklifts	1	75	20%	1350	5
Generator Sets	1	81	50%	1375	5
Water Truck	1	76	40%	1375	5
Pumps	1	81	50%	1400	5
Rough Terrain Forklifts	1	75	20%	1400	5
Rubber Tired Dozers	1	82	40%	1400	5
Signal Boards	2	83	50%	1400	5
Skid Steer Loaders	1	79	40%	1400	5
Surfacing Equipment	1	85	50%	1400	5
Tractors/Loaders/Backhoes	1	79	40%	1400	5
Trenchers	1	80	50%	1400	5
Welders	2	74	40%	1400	5

23

**Receptor: R14**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1300	5
Aerial Lift	4	75	20%	1300	5
Cement and Mortar Mixers	1	79	40%	1325	5
Concrete/Industrial Saws	2	90	20%	1325	5
Cranes (Tower)	1	81	16%	1350	5
Cranes (Mobile)	4	81	16%	1350	5
Forklifts	4	75	20%	1375	5
Generator Sets	1	81	50%	1375	5
Pumps	1	81	50%	1400	5
Signal Boards	1	83	50%	1400	5
Skid Steer Loaders	1	79	40%	1400	5
Welders	4	74	40%	1400	5

26

**Receptor: R14**

**Results:**  
**1-hour Leq: 56.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 1  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1300	5
Concrete/Industrial Saws	1	90	20%	1300	5
Cranes (Tower)	1	81	16%	1325	5
Cranes (Mobile)	3	81	16%	1325	5
Forklifts	2	75	20%	1350	5
Generator Sets	1	81	50%	1350	5
Water Truck	1	76	40%	1375	5
Pavers	1	77	50%	1375	5
Paving Equipment	1	85	50%	1400	5
Pumps	1	81	50%	1400	5
Plate Compactors	1	83	20%	1400	5
Rollers	1	80	20%	1400	5
Signal Boards	1	83	50%	1400	5
Surfacing Equipment	1	85	50%	1400	5
Trenchers	1	80	50%	1400	5
Welders	2	74	40%	1400	5

23

**Receptor: R14**

**Results:**  
**1-hour Leq: 56.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1575	5
Concrete/Industrial Saws	1	90	20%	1575	5
Excavators	1	81	40%	1600	5
Forklifts	1	75	20%	1600	5
Generator Sets	1	81	50%	1625	5
Water Truck	1	76	40%	1625	5
Rough Terrain Forklifts	1	75	20%	1650	5
Scrapers	1	84	40%	1650	5
Trenchers	1	80	50%	1675	5

**Receptor:** 9  
**R14**

**Results:**  
**1-hour Leq: 52.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1575	5
Bore/Drill Rig	2	79	20%	1575	5
Cement and Mortar Mixers	1	79	40%	1600	5
Concrete/Industrial Saws	2	90	20%	1600	5
Excavators	2	81	40%	1625	5
Forklifts	1	75	20%	1625	5
Generator Sets	1	81	50%	1650	5
Water Truck	1	76	40%	1650	5
Pumps	1	81	50%	1675	5
Rough Terrain Forklifts	1	75	20%	1675	5
Rubber Tired Forklifts	1	75	20%	1675	5
Signal Boards	2	83	50%	1675	5
Skid Steer Loaders	1	79	40%	1675	5
Surfacing Equipment	1	85	50%	1675	5
Tractors/Loaders/Backhoes	1	79	40%	1675	5
Trenchers	1	80	50%	1675	5
Welders	2	74	40%	1675	5

22

**Receptor: R14**

**Results:**  
**1-hour Leq: 55.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1575	5
Aerial Lift	3	75	20%	1575	5
Cement and Mortar Mixers	1	79	40%	1600	5
Concrete/Industrial Saws	2	90	20%	1600	5
Cranes (Tower)	1	81	16%	1625	5
Cranes (Mobile)	3	81	16%	1625	5
Forklifts	3	75	20%	1650	5
Generator Sets	1	81	50%	1650	5
Pumps	1	81	50%	1675	5
Signal Boards	1	83	50%	1675	5
Skid Steer Loaders	1	79	40%	1675	5
Welders	3	74	40%	1675	5

22

**Receptor: R14**

**Results:**  
**1-hour Leq: 54.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 2  
Finishes**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	1575	5
Concrete/Industrial Saws	1	90	20%	1575	5
Cranes (Tower)	1	81	16%	1600	5
Cranes (Mobile)	2	81	16%	1600	5
Forklifts	2	75	20%	1625	5
Generator Sets	1	81	50%	1625	5
Water Truck	1	76	40%	1650	5
Pavers	1	77	50%	1650	5
Paving Equipment	1	85	50%	1675	5
Pumps	1	81	50%	1675	5
Plate Compactors	1	83	20%	1675	5
Rollers	1	80	20%	1675	5
Signal Boards	1	83	50%	1675	5
Surfacing Equipment	1	85	50%	1675	5
Trenchers	1	80	50%	1675	5
Welders	2	74	40%	1675	5

21

**Receptor: R14**

**Results:**  
**1-hour Leq: 54.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1895	5
Concrete/Industrial Saws	1	90	20%	1895	5
Excavators	1	81	40%	1920	5
Forklifts	1	75	20%	1920	5
Generator Sets	1	81	50%	1945	5
Water Truck	1	76	40%	1945	5
Rubber Tired Dozers	1	82	40%	1970	5
Tractors/Loaders/Backhoes	1	79	40%	1970	5
Trenchers	1	80	50%	1995	5

**Receptor:** 9  
**R14**

**Results:**  
**1-hour Leq:** **50.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 3**  
***Grading & Exc***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1895	5
Bore/Drill Rig	2	79	20%	1895	5
Cement and Mortar Mixers	1	79	40%	1920	5
Concrete/Industrial Saws	2	90	20%	1920	5
Excavators	2	81	40%	1945	5
Forklifts	1	75	20%	1945	5
Generator Sets	1	81	50%	1970	5
Water Truck	1	76	40%	1970	5
Pavers	1	77	50%	1995	5
Paving Equipment	1	85	50%	1995	5
Pumps	1	77	50%	1995	5
Plate Compactors	1	83	20%	1995	5
Rollers	1	80	20%	1995	5
Scrapers	1	84	40%	1995	5
Signal Boards	2	83	20%	1995	5
Surfacing Equipment	1	85	50%	1995	5
Trenchers	1	80	50%	1995	5
Welders	1	74	40%	1995	5

22  
**Receptor: R14**

**Results:**  
**1-hour Leq: 54.4**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1895	5
Aerial Lift	4	75	20%	1895	5
Cement and Mortar Mixers	1	79	40%	1920	5
Concrete/Industrial Saws	2	90	20%	1920	5
Cranes (Tower)	1	81	16%	1945	5
Cranes (Mobile)	4	81	16%	1945	5
Forklifts	4	75	20%	1970	5
Generator Sets	1	81	50%	1970	5
Pumps	1	81	50%	1995	5
Signal Boards	1	83	50%	1995	5
Skid Steer Loaders	1	79	40%	1995	5
Welders	4	74	40%	1995	5

26

**Receptor: R14**

**Results:**  
**1-hour Leq: 52.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 3  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1895	5
Concrete/Industrial Saws	1	90	20%	1895	5
Cranes (Tower)	1	81	16%	1920	5
Cranes (Mobile)	3	81	16%	1920	5
Forklifts	2	75	20%	1945	5
Generator Sets	1	81	50%	1945	5
Water Truck	1	76	40%	1970	5
Pavers	1	77	50%	1970	5
Paving Equipment	1	85	50%	1995	5
Pumps	1	81	50%	1995	5
Plate Compactors	1	83	20%	1995	5
Rollers	1	80	20%	1995	5
Signal Boards	1	83	50%	1995	5
Surfacing Equipment	1	85	50%	1995	5
Trenchers	1	80	50%	1995	5
Welders	2	74	40%	1995	5

23

**Receptor: R14**

**Results:**  
**1-hour Leq: 53.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1850	0
Concrete/Industrial Saws	1	90	20%	1850	0
Excavators	1	81	40%	1875	0
Forklifts	1	75	20%	1875	0
Generator Sets	1	81	50%	1900	0
Water Truck	1	76	40%	1900	0
Rough Terrain Forklifts	1	75	20%	1925	0
Scrapers	1	84	40%	1925	0
Trenchers	1	80	50%	1950	0

9  
**Receptor: R14**

**Results:**  
**1-hour Leq: 55.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1850	0
Bore/Drill Rig	3	79	20%	1850	0
Cement and Mortar Mixers	1	79	40%	1875	0
Concrete/Industrial Saws	2	90	20%	1875	0
Excavators	2	81	40%	1900	0
Forklifts	1	75	20%	1900	0
Generator Sets	1	81	50%	1925	0
Water Truck	1	76	40%	1925	0
Pumps	1	81	50%	1950	0
Rough Terrain Forklifts	1	76	40%	1950	0
Rubber Tired Loaders	1	79	40%	1950	0
Signal Boards	2	83	50%	1950	0
Skid Steer Loaders	1	79	40%	1950	0
Surfacing Equipment	1	85	50%	1950	0
Tractors/Loaders/Backhoes	1	79	40%	1950	0
Trenchers	1	80	50%	1950	0
Welders	2	74	40%	1950	0

23

**Receptor:** ***R14***

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1850	0
Aerial Lift	4	75	20%	1850	0
Cement and Mortar Mixers	1	79	40%	1875	0
Concrete/Industrial Saws	2	90	20%	1875	0
Cranes (Tower)	1	81	16%	1900	0
Cranes (Mobile)	4	81	16%	1900	0
Forklifts	4	75	20%	1925	0
Generator Sets	1	81	50%	1925	0
Pumps	1	81	50%	1950	0
Signal Boards	1	83	50%	1950	0
Skid Steer Loaders	1	79	40%	1950	0
Welders	4	74	40%	1950	0

26

**Receptor: R14**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 4**  
***Grading & Exc.***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	1850	0
Concrete/Industrial Saws	1	75	20%	1850	0
Cranes (Tower)	1	81	16%	1875	0
Cranes (Mobile)	3	81	16%	1875	0
Forklifts	2	75	20%	1900	0
Generator Sets	1	81	50%	1900	0
Water Truck	1	76	40%	1925	0
Pavers	1	77	50%	1925	0
Paving Equipment	1	85	50%	1950	0
Pumps	1	81	50%	1950	0
Plate Compactors	1	83	20%	1950	0
Rollers	1	80	20%	1950	0
Signal Boards	1	83	50%	1950	0
Surfacing Equipment	1	85	50%	1950	0
Trenchers	1	80	50%	1950	0
Welders	2	74	40%	1950	0

23

**Receptor: R14**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1420	5
Concrete/Industrial Saws	1	90	20%	1420	5
Excavators	1	81	40%	1445	5
Forklifts	1	75	20%	1445	5
Generator Sets	1	81	50%	1470	5
Water Truck	1	76	40%	1470	5
Rough Terrain Forklifts	1	75	20%	1495	5
Scrapers	1	84	40%	1495	5
Trenchers	1	80	50%	1520	5

9

**Receptor: R14**

**Results:**  
**1-hour Leq: 52.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1420	5
Bore/Drill Rig	4	79	20%	1420	5
Cement and Mortar Mixers	1	79	40%	1445	5
Concrete/Industrial Saws	3	90	20%	1445	5
Excavators	3	81	40%	1470	5
Forklifts	1	75	20%	1470	5
Generator Sets	1	81	50%	1495	5
Water Truck	1	76	40%	1495	5
Pumps	1	81	50%	1520	5
Rough Terrain Forklifts	1	75	20%	1520	5
Rubber Tired Loaders	1	79	40%	1520	5
Signal Boards	2	83	50%	1520	5
Skid Steer Loaders	1	79	40%	1520	5
Surfacing Equipment	1	85	50%	1520	5
Tractors/Loaders/Backhoes	1	79	40%	1520	5
Trenchers	1	80	50%	1520	5
Welders	3	74	40%	1520	5

27  
**Receptor: R14**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	3	78	40%	1420	5
Aerial Lift	8	75	20%	1420	5
Cement and Mortar Mixers	2	79	40%	1445	5
Concrete/Industrial Saws	3	90	20%	1445	5
Cranes (Tower)	1	81	16%	1470	5
Cranes (Mobile)	5	86	16%	1470	5
Forklifts	5	75	20%	1495	5
Generator Sets	2	81	50%	1495	5
Pumps	1	81	50%	1520	5
Signal Boards	1	83	50%	1520	5
Skid Steer Loaders	1	79	40%	1520	5
Welders	6	74	40%	1520	5

38

**Receptor: R14**

**Results:**  
**1-hour Leq: 57.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 5/6**  
**Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1420	5
Aerial Lift	6	75	20%	1420	5
Cement and Mortar Mixers	1	79	40%	1445	5
Concrete/Industrial Saws	2	90	20%	1445	5
Cranes (Tower)	1	81	16%	1470	5
Cranes (Mobile)	4	81	16%	1470	5
Forklifts	4	75	20%	1495	5
Generator Sets	2	81	50%	1495	5
Water Truck	1	76	40%	1520	5
Pavers	1	77	50%	1520	5
Paving Equipment	1	85	50%	1520	5
Pumps	1	81	50%	1520	5
Plate Compactors	1	83	20%	1520	5
Rollers	1	80	20%	1520	5
Signal Boards	1	83	50%	1520	5
Surfacing Equipment	1	85	50%	1520	5
Trenchers	1	80	50%	1520	5
Welders	5	74	40%	1520	5

35  
**Receptor: R14**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	765	5
Concrete/Industrial Saws	1	90	20%	765	5
Excavators	1	81	40%	790	5
Forklifts	1	75	20%	790	5
Generator Sets	1	81	50%	815	5
Water Truck	1	76	40%	815	5
Rough Terrain Forklifts	1	75	20%	840	5
Scrapers	1	84	40%	840	5
Trenchers	1	80	50%	865	5

9  
**Receptor: R14**

**Results:**  
**1-hour Leq: 58.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	765	5
Bore/Drill Rig	2	79	20%	765	5
Cement and Mortar Mixers	1	79	40%	790	5
Concrete/Industrial Saws	2	90	20%	790	5
Excavators	2	81	40%	815	5
Forklifts	1	75	20%	815	5
Generator Sets	1	81	50%	840	5
Water Truck	1	76	40%	840	5
Pumps	1	81	50%	865	5
Rough Terrain Forklifts	1	75	20%	865	5
Rubber Tired Loaders	1	79	40%	865	5
Signal Boards	2	83	50%	865	5
Skid Steer Loaders	1	79	40%	865	5
Surfacing Equipment	1	85	50%	865	5
Tractors/Loaders/Backhoes	1	79	40%	865	5
Trenchers	1	80	50%	865	5
Welders	2	74	40%	865	5

22  
**Receptor: R14**

**Results:**  
**1-hour Leq: 61.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	765	5
Aerial Lift	3	75	20%	765	5
Cement and Mortar Mixers	1	79	40%	790	5
Concrete/Industrial Saws	2	90	20%	790	5
Cranes (Tower)	1	81	16%	815	5
Cranes (Mobile)	1	86	16%	815	5
Forklifts	3	75	20%	840	5
Generator Sets	1	81	50%	840	5
Pumps	1	81	50%	865	5
Signal Boards	1	83	50%	865	5
Skid Steer Loaders	1	79	40%	865	5
Welders	3	74	40%	865	5

**Receptor:** <sup>20</sup>  
**R14**

**Results:**  
**1-hour Leq: 60.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 7**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	3	75	20%	765	5
Concrete/Industrial Saws	1	90	20%	765	5
Cranes (Tower)	1	81	16%	790	5
Cranes (Mobile)	2	81	16%	790	5
Forklifts	2	75	20%	815	5
Generator Sets	1	81	50%	815	5
Water Truck	1	76	40%	840	5
Pavers	1	77	50%	840	5
Paving Equipment	1	85	50%	865	5
Pumps	1	81	50%	865	5
Plate Compactors	1	83	20%	865	5
Rollers	1	80	20%	865	5
Signal Boards	1	83	50%	865	5
Surfacing Equipment	1	85	50%	865	5
Trenchers	1	80	50%	865	5
Welders	2	74	40%	865	5

21  
**Receptor: R14**

**Results:**  
**1-hour Leq: 60.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Demolition***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1210	5
Concrete/Industrial Saws	1	90	20%	1210	5
Excavators	1	81	40%	1235	5
Forklifts	1	75	20%	1235	5
Generator Sets	1	81	50%	1260	5
Water Truck	1	76	40%	1260	5
Rough Terrain Forklifts	1	75	20%	1285	5
Scrapers	1	84	40%	1285	5
Signal Boards	1	83	50%	1310	5
Trenchers	1	80	50%	1310	5

10  
**Receptor: R14**

**Results:**  
**1-hour Leq: 54.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: Block 8**  
**Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	1210	5
Bore/Drill Rig	3	79	20%	1210	5
Cement and Mortar Mixers	1	79	40%	1235	5
Concrete/Industrial Saws	3	90	20%	1235	5
Excavators	3	81	40%	1260	5
Forklifts	1	75	20%	1260	5
Generator Sets	1	81	50%	1285	5
Water Truck	1	76	40%	1285	5
Pumps	1	81	50%	1310	5
Rubber Tired Loaders	1	79	40%	1310	5
Signal Boards	2	83	50%	1310	5
Skid Steer Loaders	1	79	40%	1310	5
Surfacing Equipment	1	85	50%	1310	5
Tractors/Loaders/Backhoes	1	79	40%	1310	5
Trenchers	1	80	50%	1310	5
Welders	4	74	40%	1310	5

26  
**Receptor: R14**

**Results:**  
**1-hour Leq: 58.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	1210	5
Aerial Lift	8	75	20%	1210	5
Cement and Mortar Mixers	1	79	40%	1235	5
Concrete/Industrial Saws	5	90	20%	1235	5
Cranes (Tower)	1	81	16%	1260	5
Cranes (Mobile)	4	86	16%	1260	5
Forklifts	3	75	20%	1285	5
Generator Sets	1	81	50%	1285	5
Pumps	1	81	50%	1310	5
Signal Boards	1	83	50%	1310	5
Skid Steer Loaders	1	79	40%	1310	5
Welders	10	74	40%	1310	5

38  
**Receptor: R14**

**Results:**  
**1-hour Leq: 59.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: Block 8**  
***Finishing***

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	5	75	20%	1210	5
Concrete/Industrial Saws	1	90	20%	1210	5
Cranes (Tower)	1	81	16%	1235	5
Cranes (Mobile)	3	81	16%	1235	5
Forklifts	2	75	20%	1260	5
Generator Sets	1	81	50%	1260	5
Water Truck	1	76	40%	1285	5
Pavers	1	77	50%	1285	5
Paving Equipment	1	85	50%	1310	5
Pumps	1	81	50%	1310	5
Plate Compactors	1	83	20%	1310	5
Rollers	1	80	20%	1310	5
Signal Boards	1	83	50%	1310	5
Surfacing Equipment	1	85	50%	1310	5
Trenchers	1	80	50%	1310	5
Welders	3	74	40%	1310	5

25  
**Receptor: R14**

**Results:**  
**1-hour Leq: 57.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Demolition**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	50	0
Concrete/Industrial Saws	2	90	20%	50	0
Excavators	1	81	40%	75	0
Forklifts	1	75	20%	75	0
Generator Sets	1	81	50%	100	0
Water Truck	1	76	40%	100	0
Rough Terrain Forklifts	1	75	20%	125	0
Scrapers	1	84	40%	125	0
Signal Boards	1	83	50%	150	0
Trenchers	1	80	50%	150	0
Cranes (Mobile)	1	81	16%	150	0
Skid Steer Loaders	1	79	40%	150	0

13  
**Receptor: R14**

**Results:**  
**1-hour Leq: 87.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	50	0
Bore/Drill Rig	2	79	20%	50	0
Cement and Mortar Mixers	1	79	40%	75	0
Concrete/Industrial Saws	1	90	20%	75	0
Excavators	2	81	40%	100	0
Forklifts	1	75	20%	100	0
Generator Sets	1	81	50%	125	0
Water Truck	1	76	40%	125	0
Pumps	1	81	50%	150	0
Rough Terrain Forklifts	1	75	20%	150	0
Rubber Tired Loaders	1	79	40%	150	0
Signal Boards	2	83	50%	150	0
Skid Steer Loaders	1	79	40%	150	0
Surfacing Equipment	1	85	50%	150	0
Tractors/Loaders/Backhoes	1	79	40%	150	0
Trenchers	1	80	50%	150	0
Welders	1	74	40%	150	0

20  
**Receptor: R14**

**Results:**  
**1-hour Leq: 84.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	2	78	40%	50	0
Aerial Lift	4	75	20%	50	0
Cement and Mortar Mixers	1	79	40%	75	0
Concrete/Industrial Saws	1	90	20%	75	0
Cranes (Mobile)	2	86	16%	100	0
Forklifts	2	75	20%	100	0
Generator Sets	1	81	50%	125	0
Pumps	1	81	50%	125	0
Signal Boards	2	83	50%	150	0
Skid Steer Loaders	1	79	40%	150	0
Welders	1	74	40%	150	0

**Receptor:** <sup>18</sup>  
**R14**

**Results:**  
**1-hour Leq: 84.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: West Lot  
Finishing**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Aerial Lift	4	75	20%	50	0
Concrete/Industrial Saws	1	90	20%	50	0
Forklifts	2	75	20%	75	0
Pavers	1	77	50%	75	0
Paving Equipment	1	85	50%	100	0
Pumps	1	81	50%	100	0
Plate Compactors	1	83	20%	125	0
Rollers	1	80	20%	125	0
Signal Boards	1	83	50%	150	0
Surfacing Equipment	1	85	50%	150	0
Trenchers	1	80	50%	150	0

**Receptor:** <sup>15</sup>  
**R14**

**Results:**  
**1-hour Leq: 85.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**Project: District NoHo**

**Construction Phase: East Lot  
Grading**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2165	5
Cement and Mortar Mixers	1	79	40%	2165	5
Concrete/Industrial Saws	1	90	20%	2190	5
Forklifts	1	75	20%	2190	5
Generator Sets	1	81	50%	2215	5
Water Truck	1	76	40%	2215	5
Paving Equipment	1	85	50%	2240	5
Plate Compactors	1	83	20%	2240	5
Rollers	1	80	20%	2265	5
Rough Terrain Forklifts	1	75	20%	2265	5
Rubber Tired Loaders	1	79	40%	2265	5
Scrapers	1	84	40%	2265	5
Skid Steer Loaders	1	79	40%	2265	5
Welders	1	74	40%	2265	5

**Receptor:** <sup>14</sup>  
**R14**

**Results:**  
**1-hour Leq: 50.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006



**Project: District NoHo**

**Construction Phase: East Lot  
Structure**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	2165	5
Aerial Lift	4	75	20%	2165	5
Cement and Mortar Mixers	1	79	40%	2190	5
Concrete/Industrial Saws	1	90	20%	2190	5
Forklifts	4	75	20%	2215	5
Generator Sets	1	81	50%	2215	5
Welders	1	74	40%	2240	5

13  
**Receptor: R14**

**Results:**  
**1-hour Leq: 48.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

# District NoHo

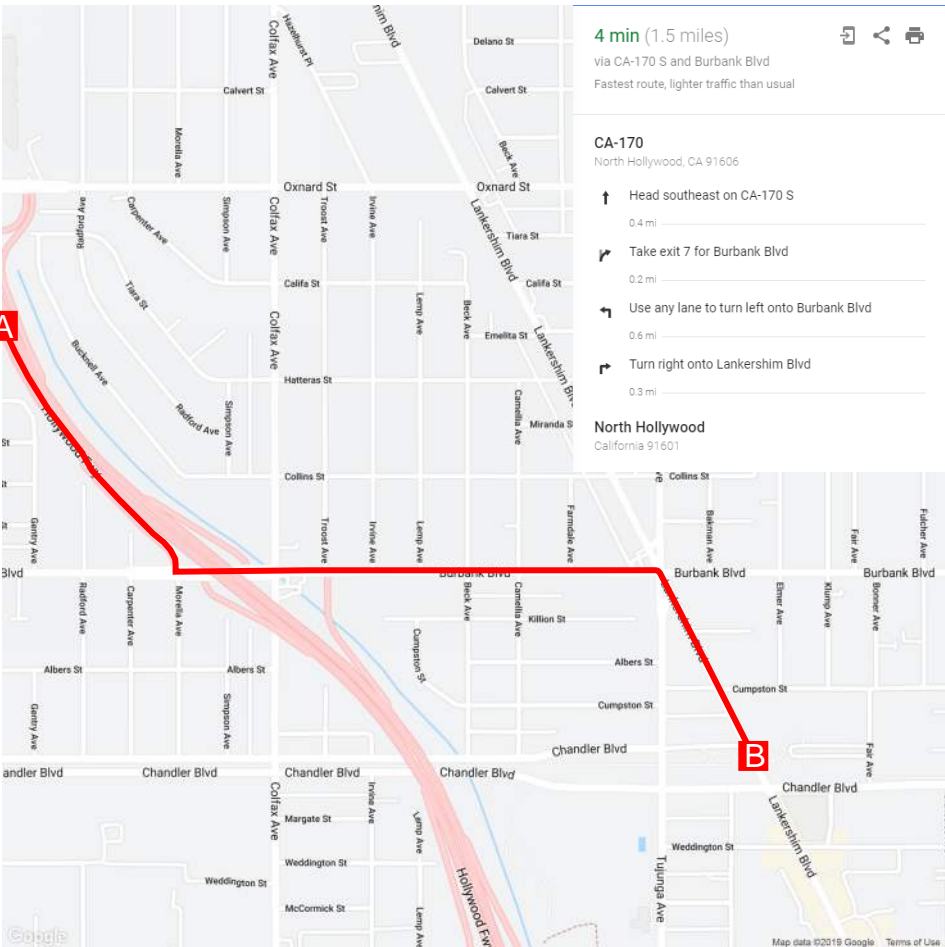
## Haul Route

### Block 0

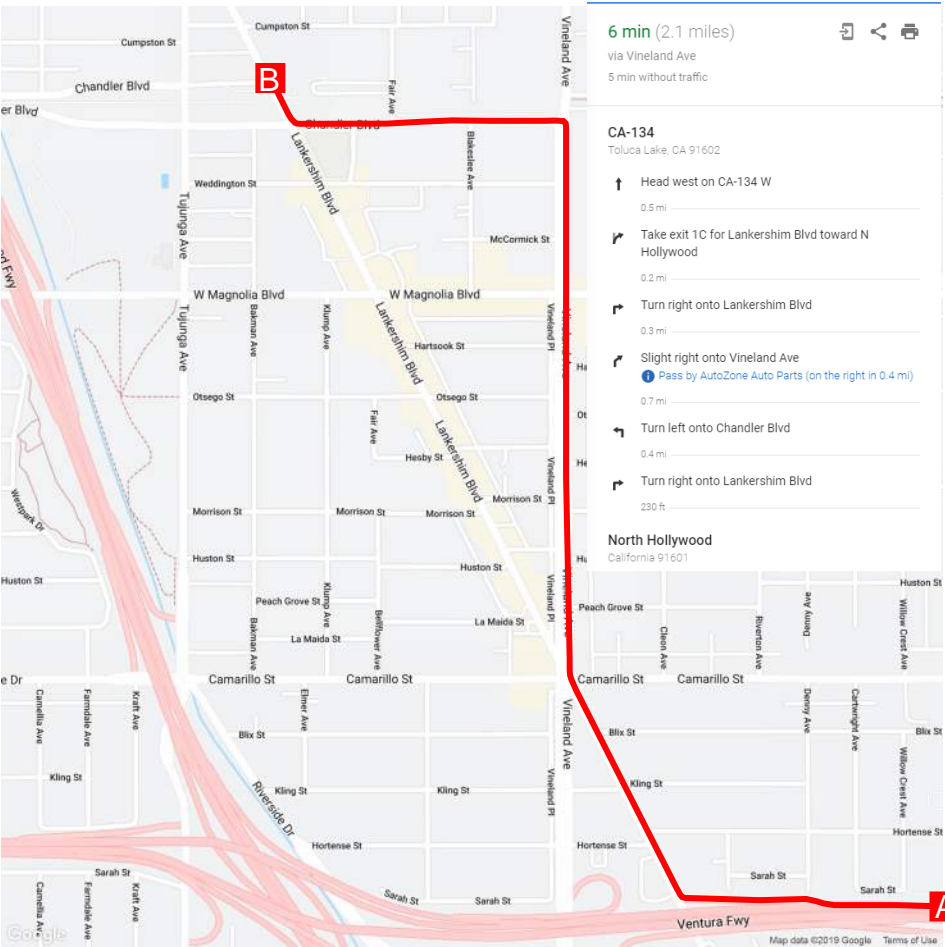
These haul routes were carefully chosen with assistance from earthwork and logistics experts. The main objectives when choosing these routes included:

- 1. Avoiding turns that exceed 90 degrees.
- 2. Using protected turning lanes when possible.
- 3. Positioning near wide on-ramps and off-ramps for freeway access.
- 4. Minimizing impact on surrounding traffic.
- 5. Utilizing less-travelled streets when possible.

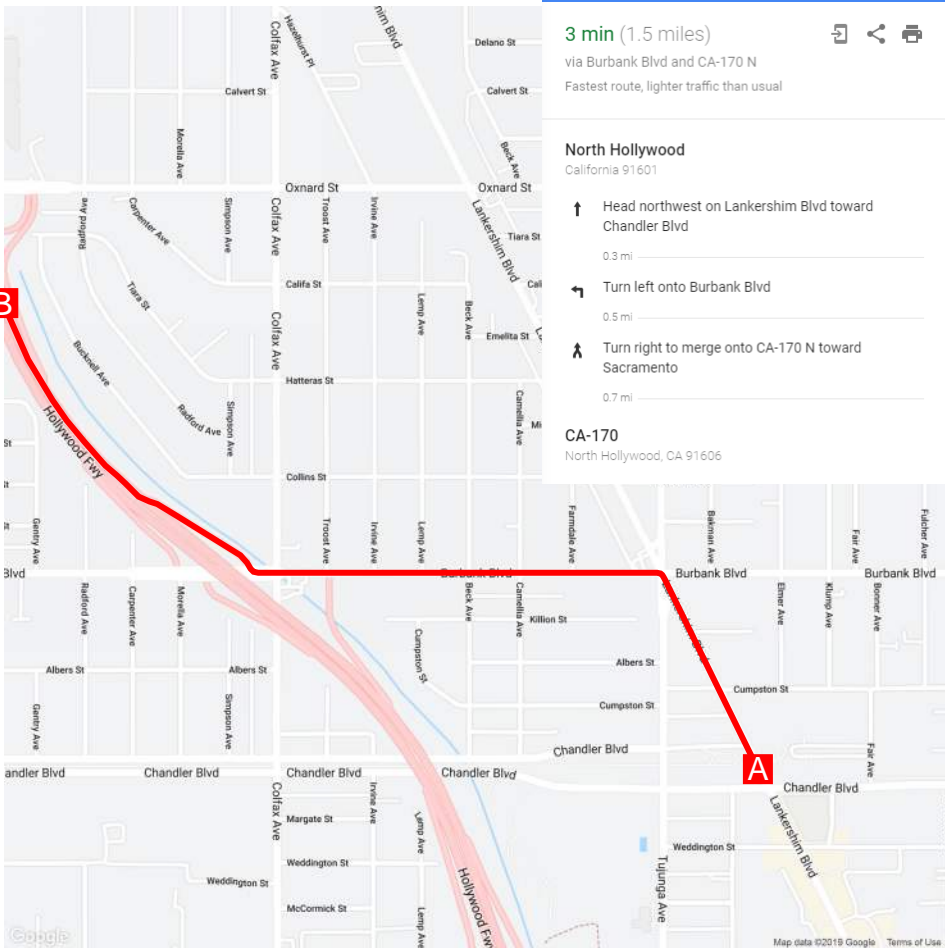
The following haul route plan reflects these objectives as well as possible.



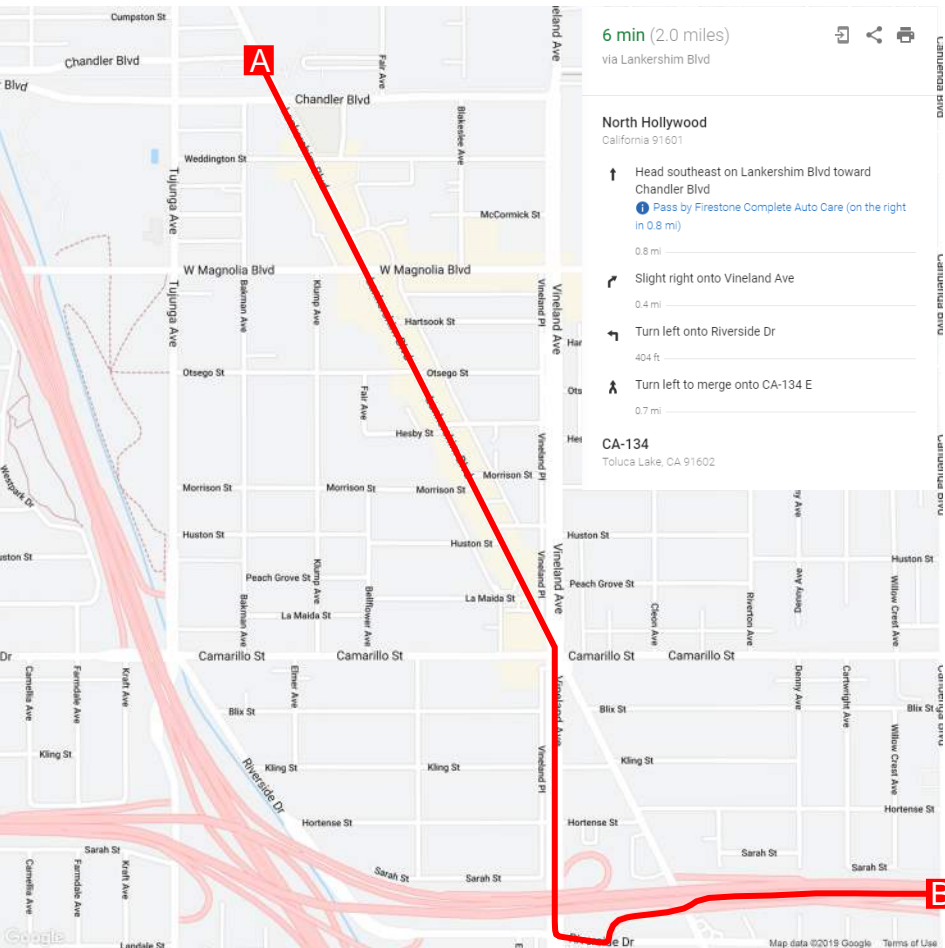
Ingress | Option A



Ingress | Option B



Egress | Option A



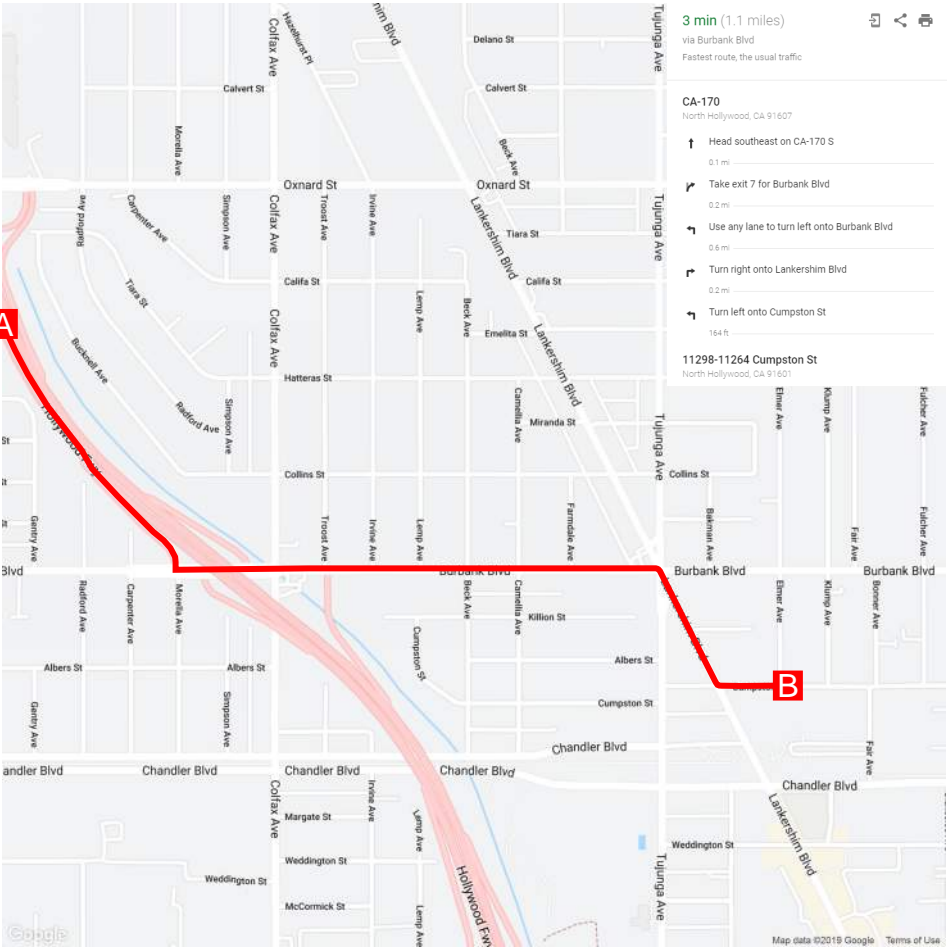
Egress | Option B



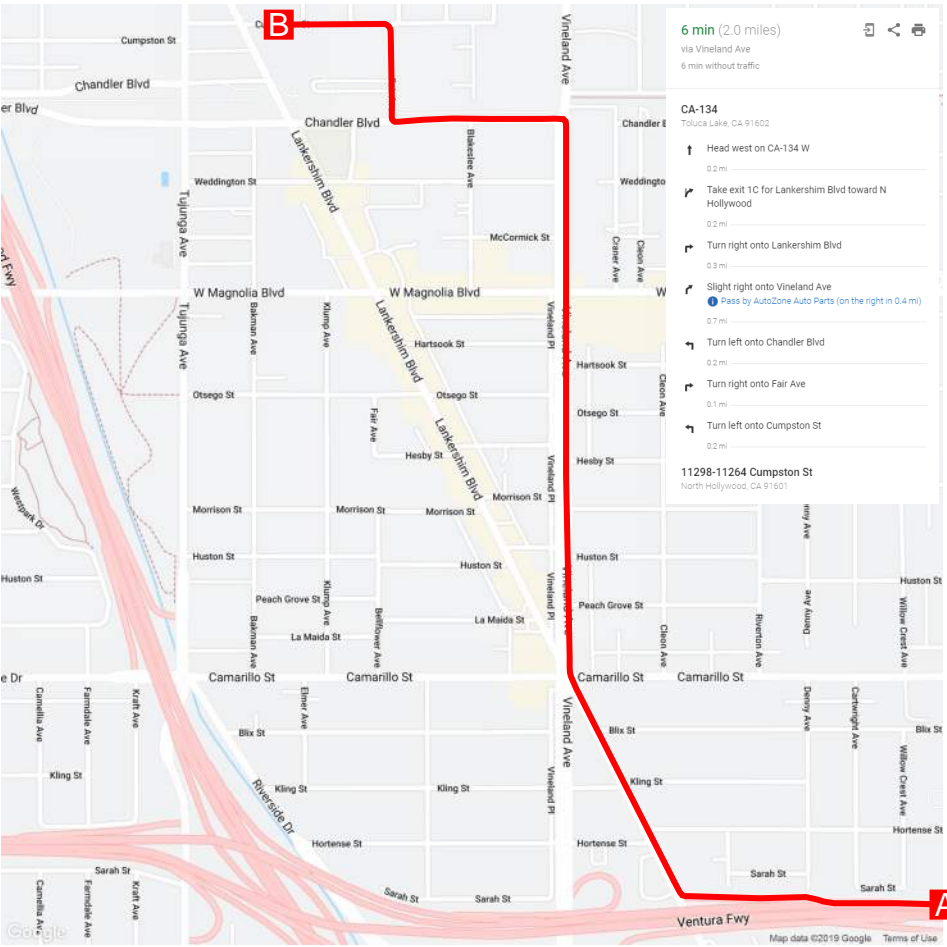
# District NoHo

## Haul Route

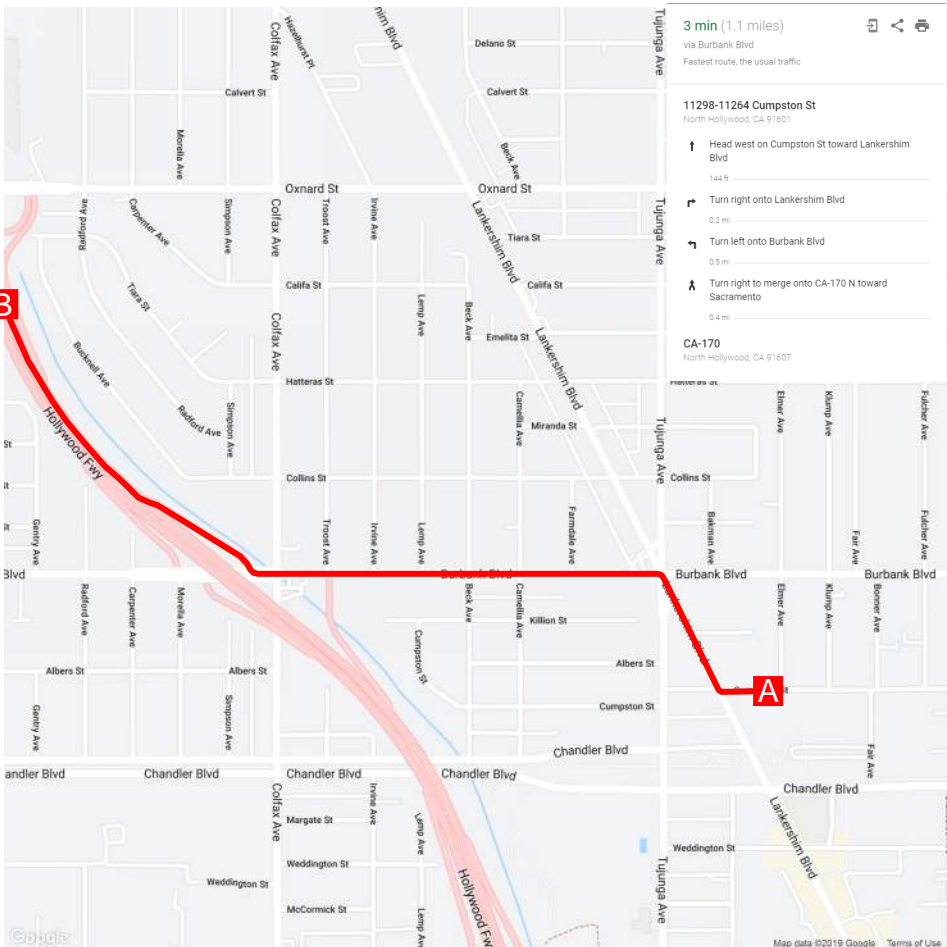
### Block 1



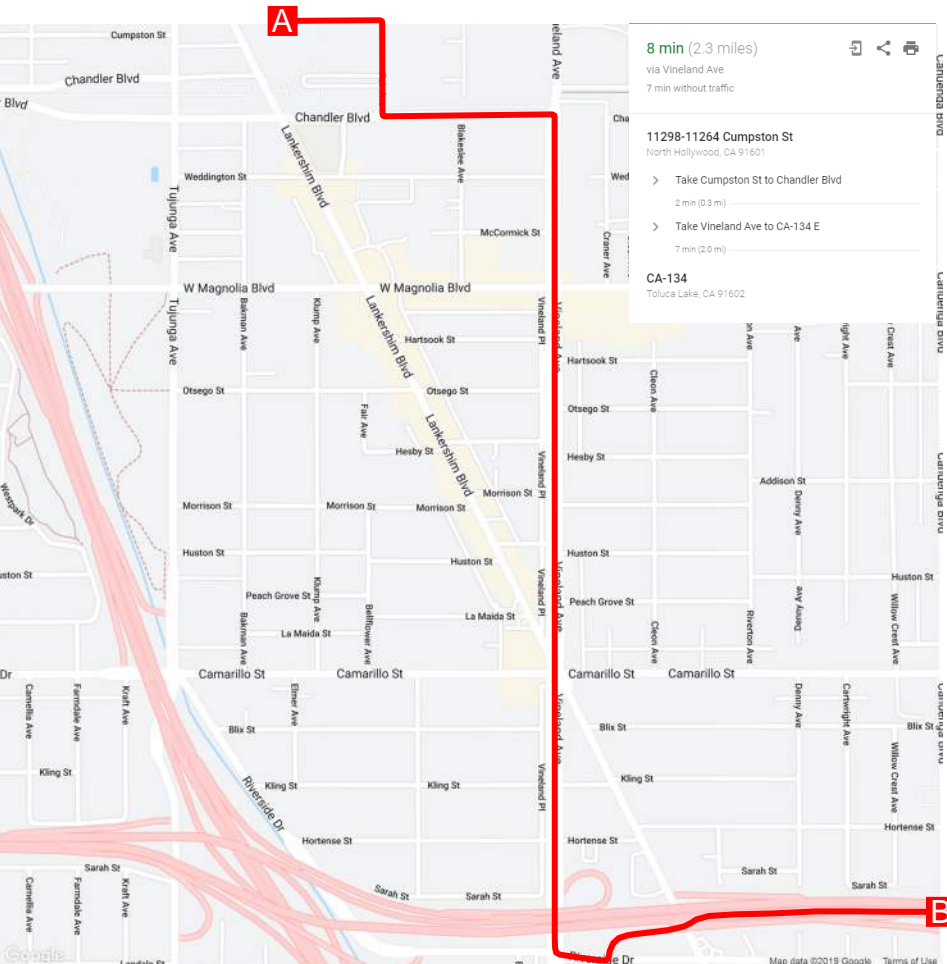
Ingress | Option A



Ingress | Option B



Egress | Option A

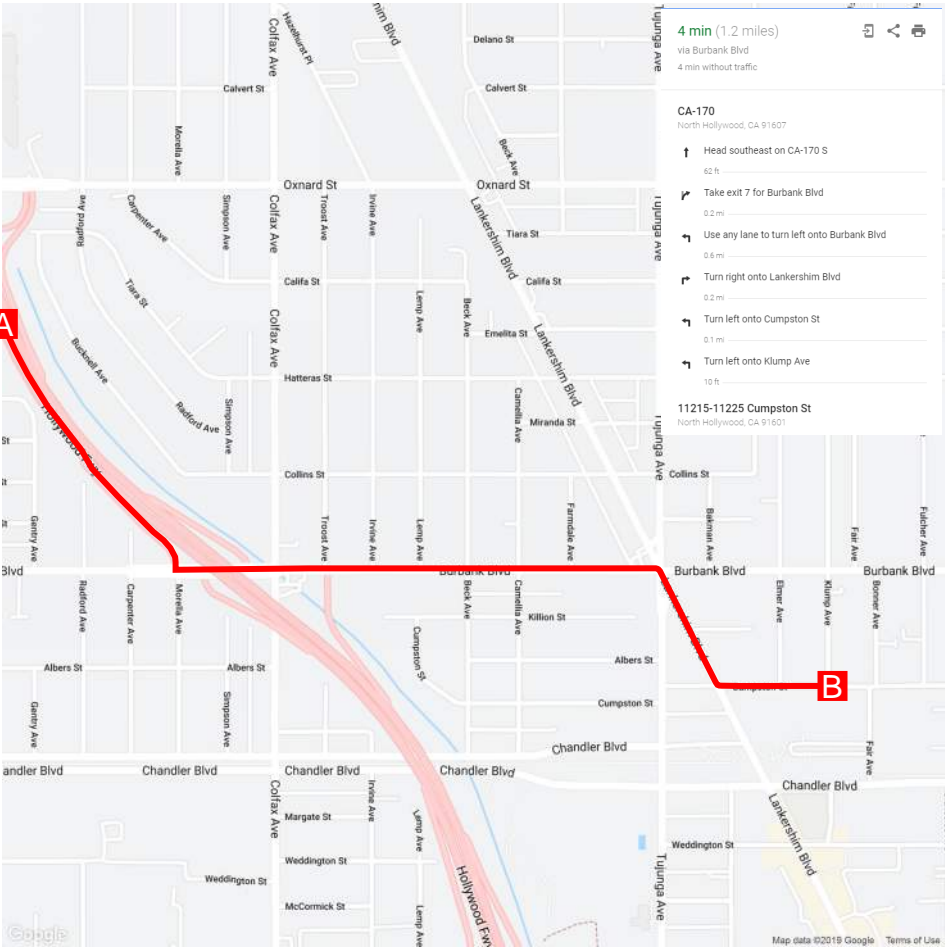


Egress | Option B

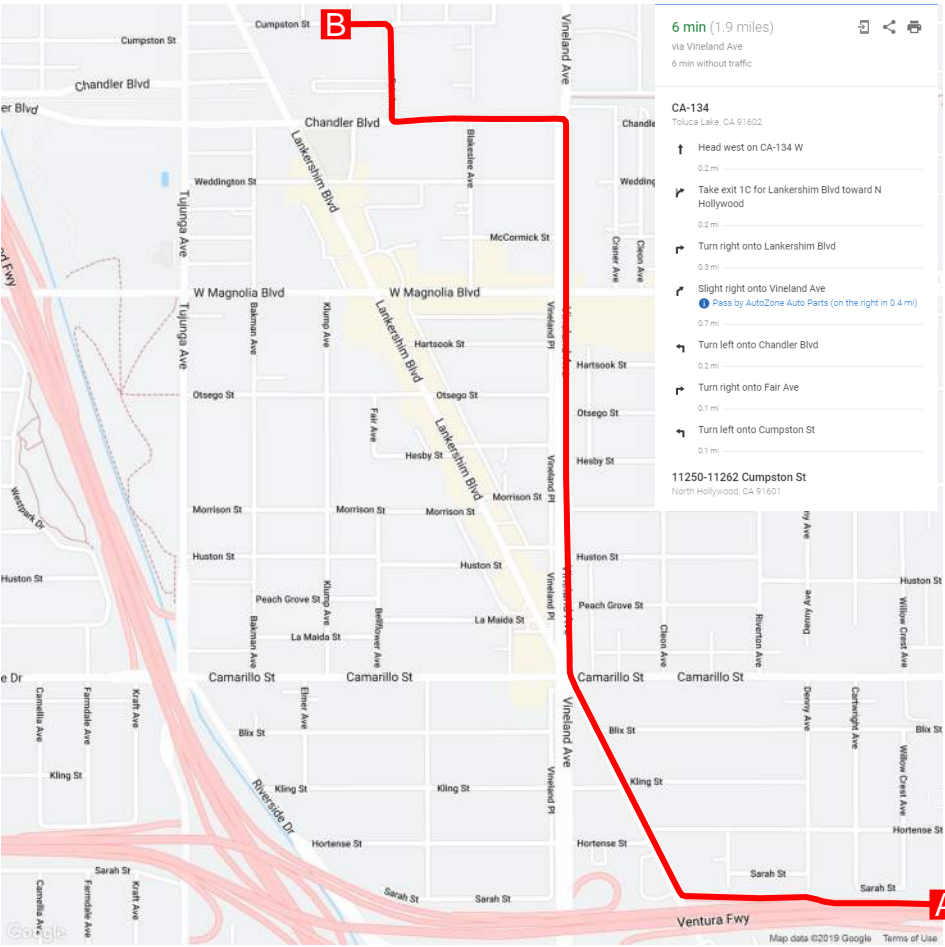
# District NoHo

## Haul Route

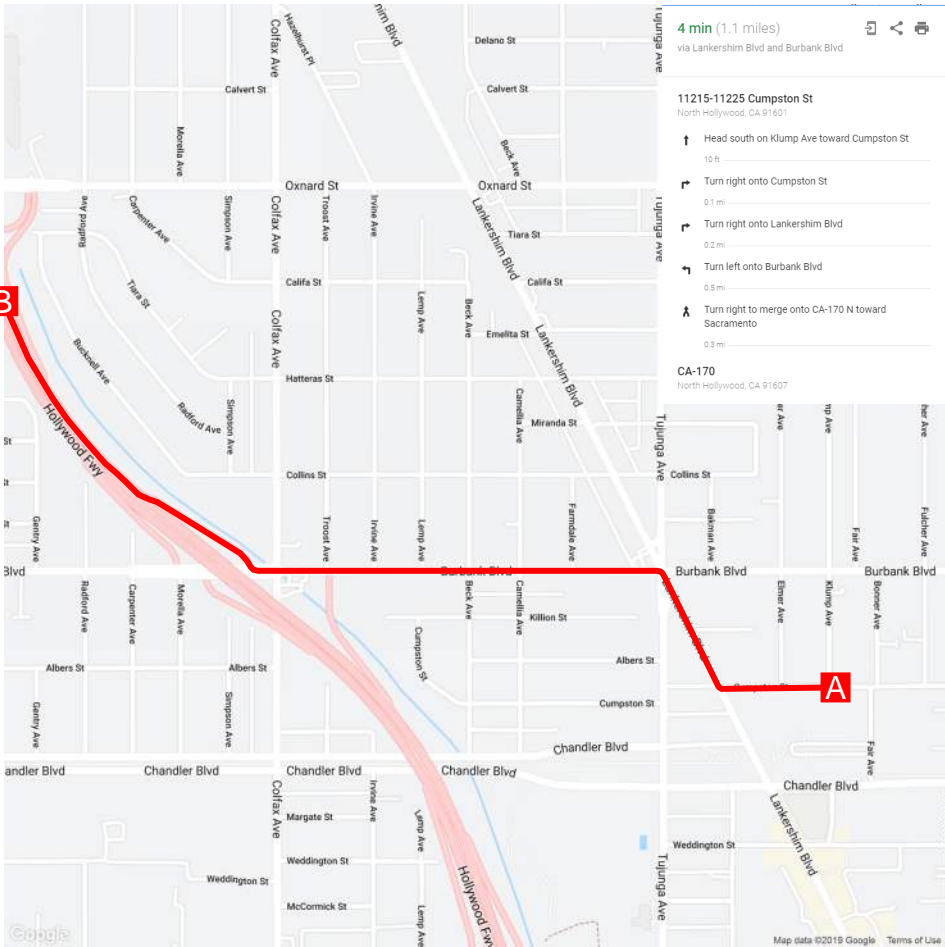
### Block 2



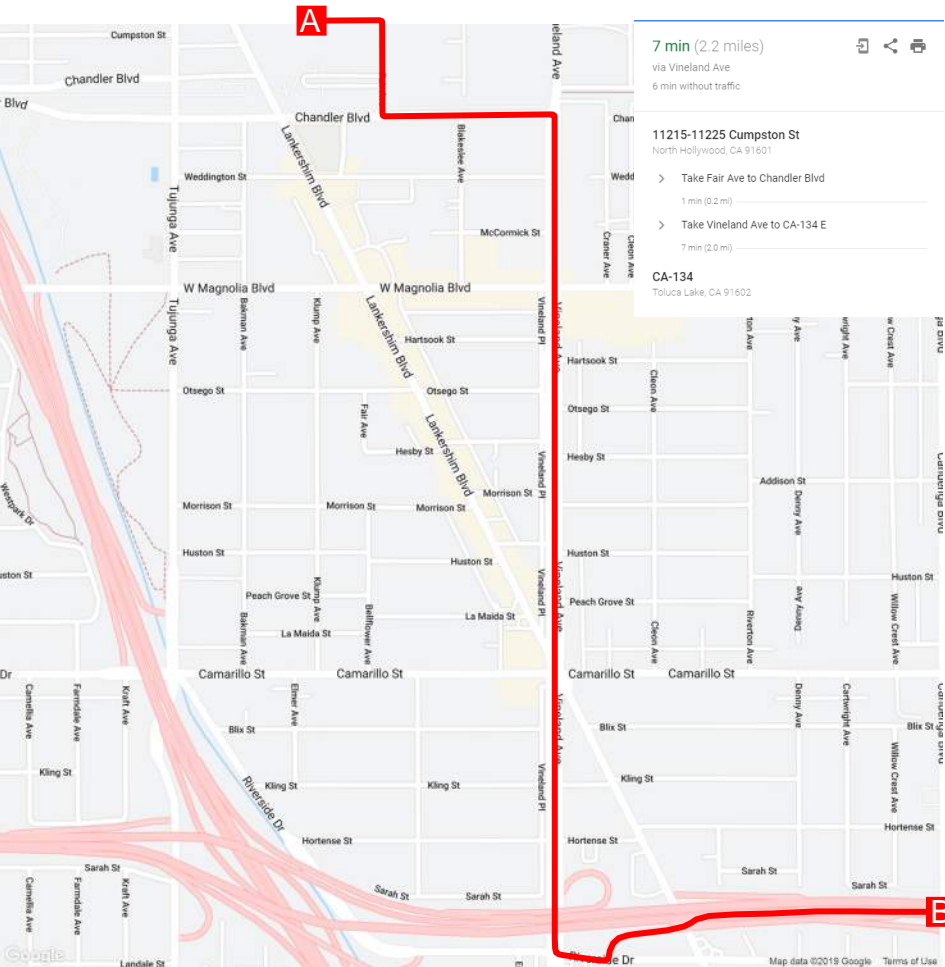
Ingress | Option A



Ingress | Option B



Egress | Option A



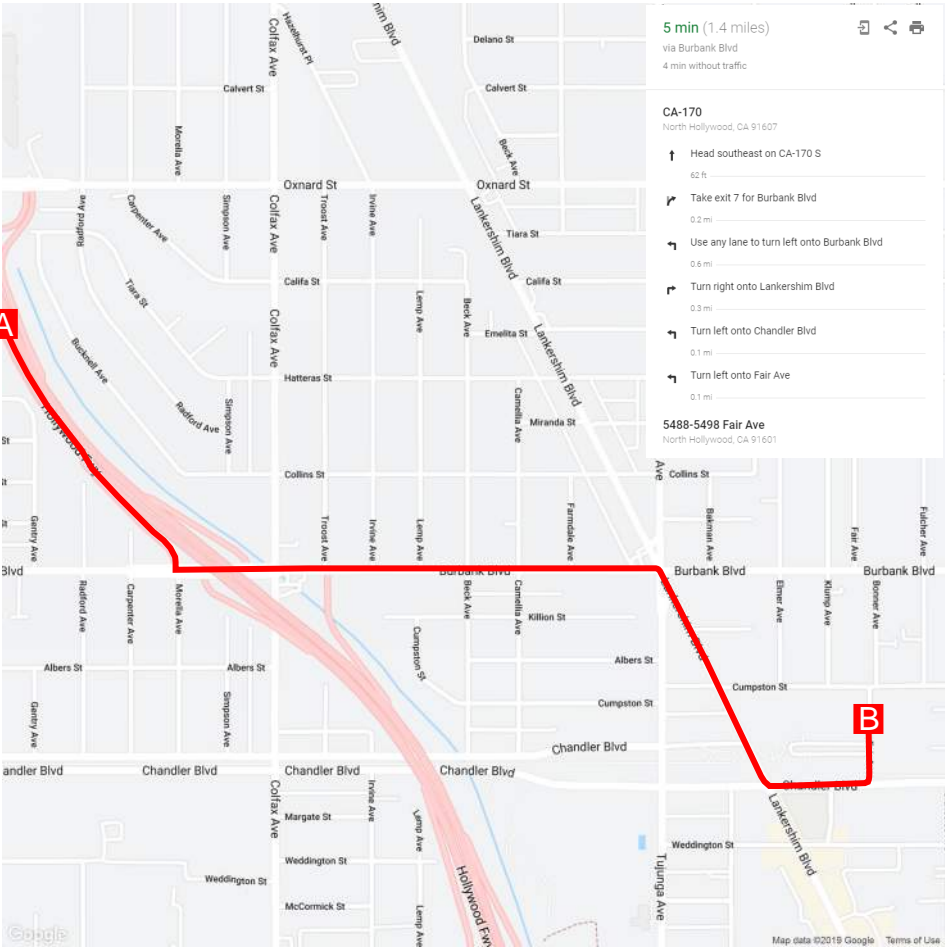
Egress | Option B



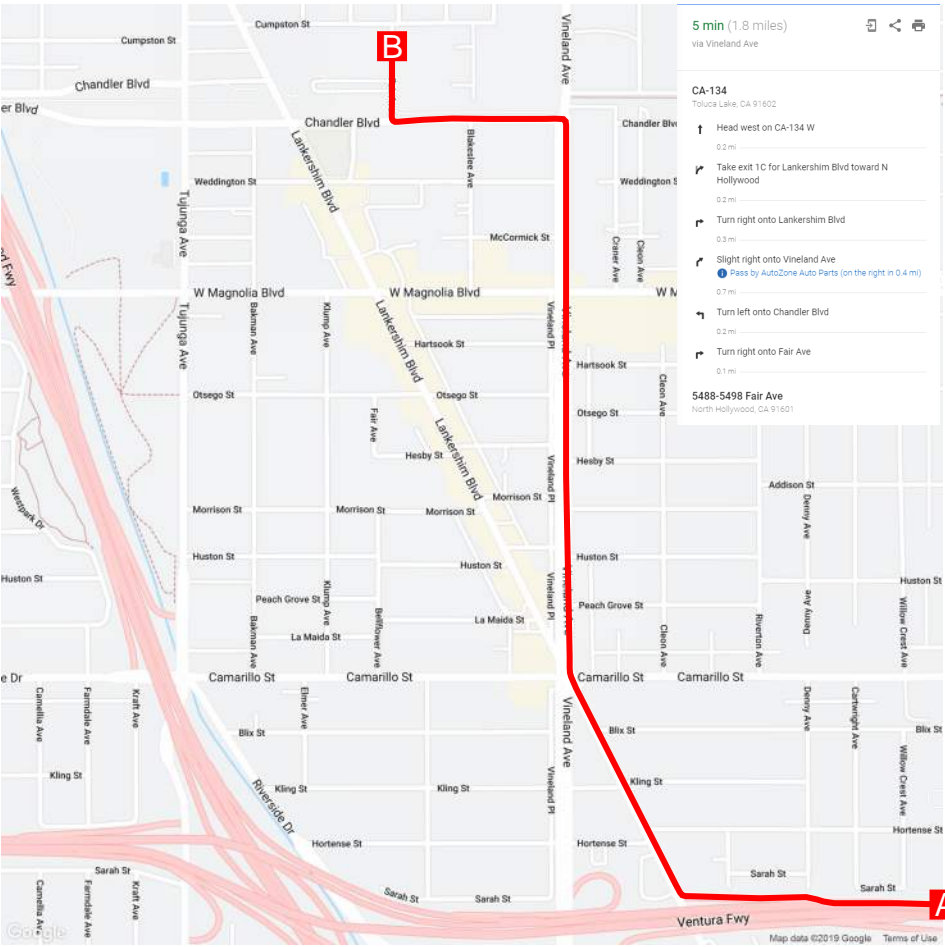
# District NoHo

## Haul Route

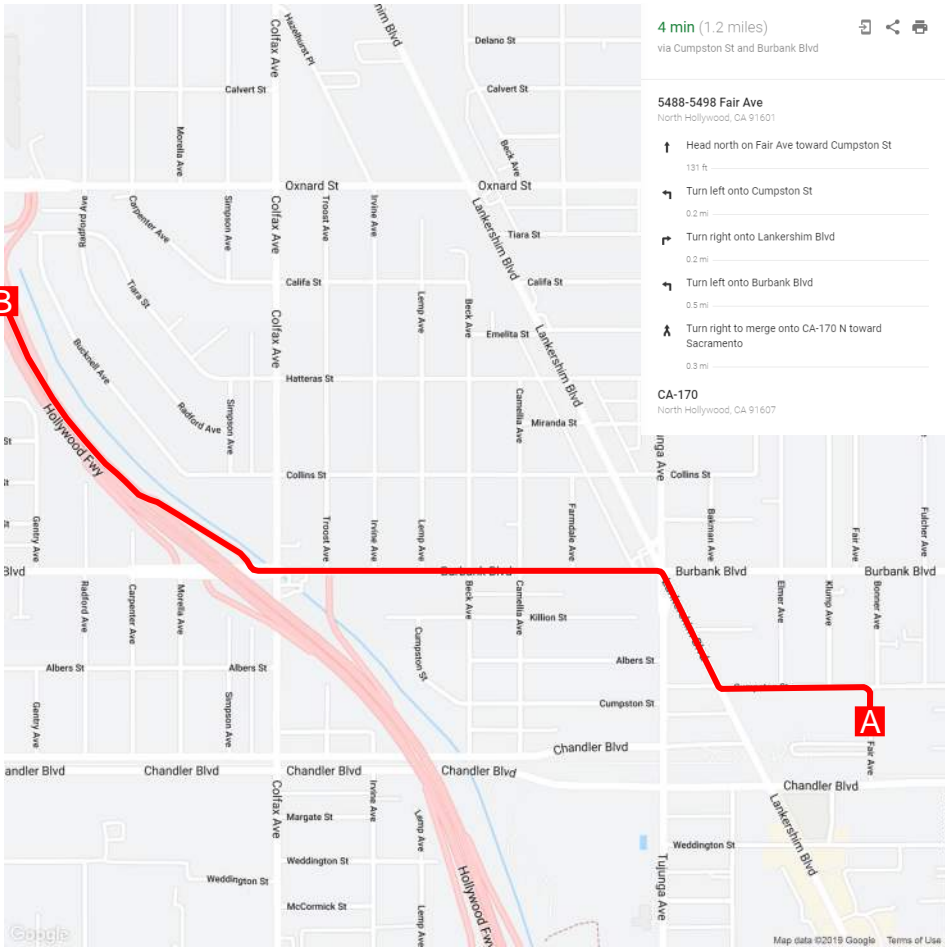
### Block 3



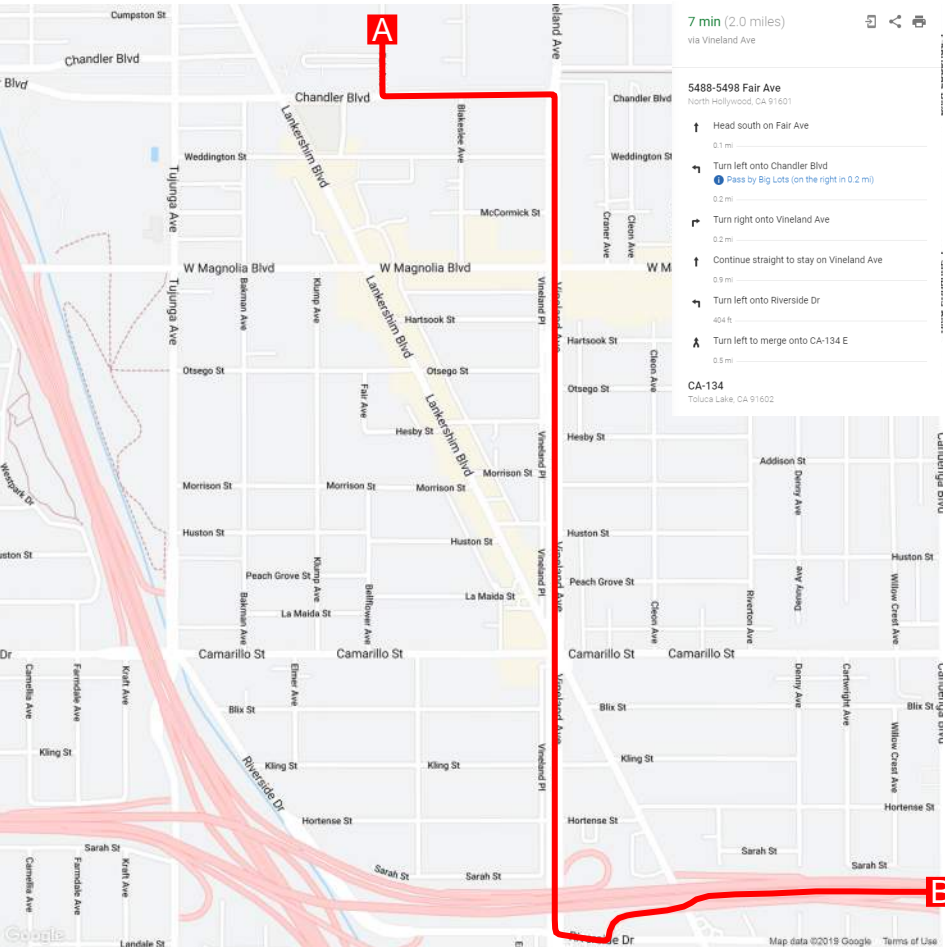
Ingress | Option A



Ingress | Option B



Egress | Option A

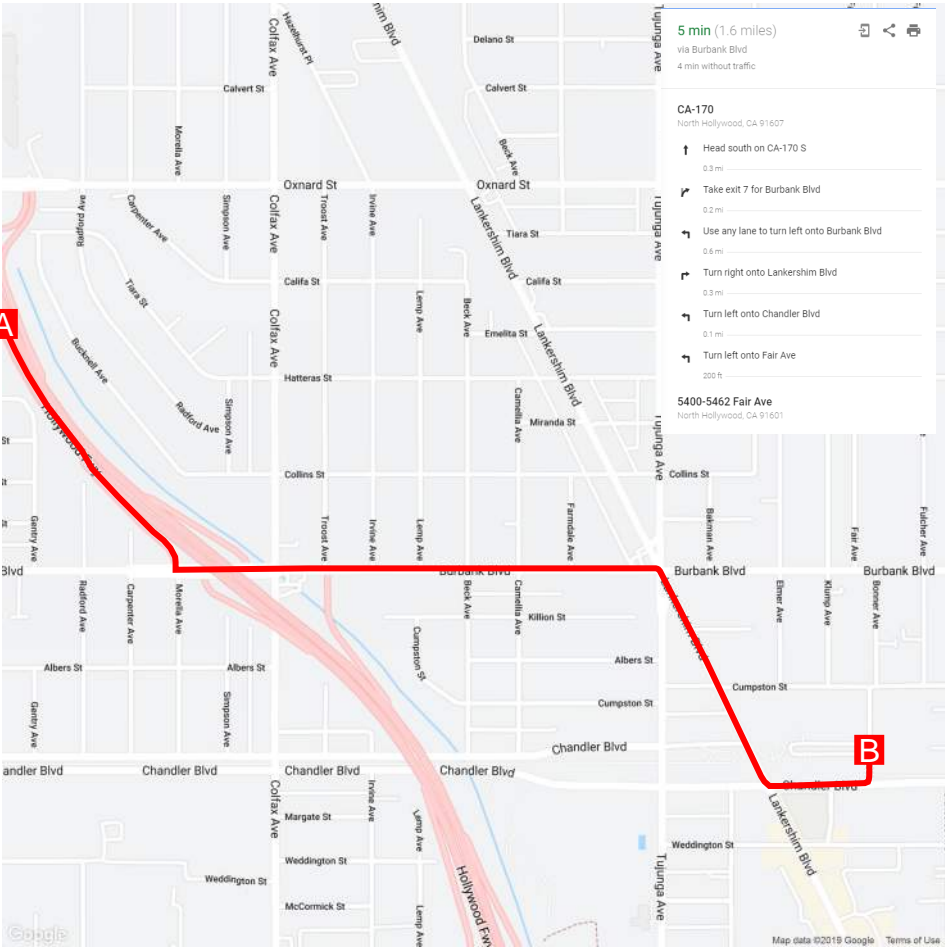


Egress | Option B

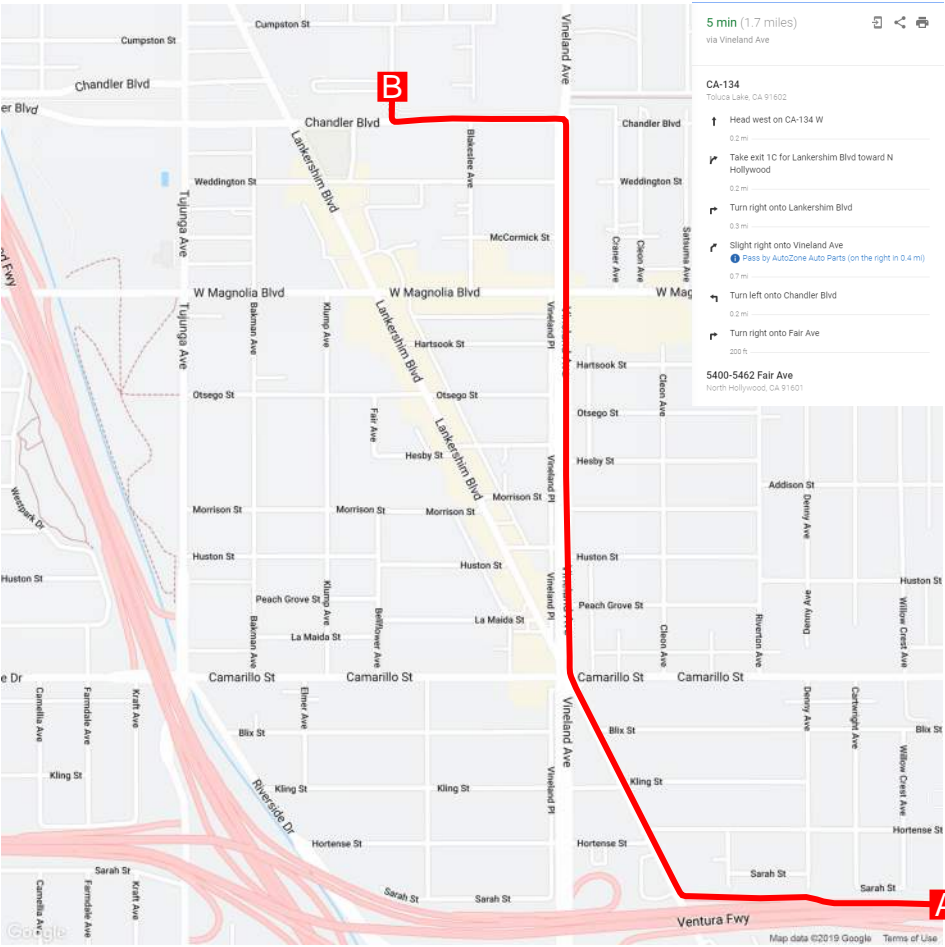
# District NoHo

## Haul Route

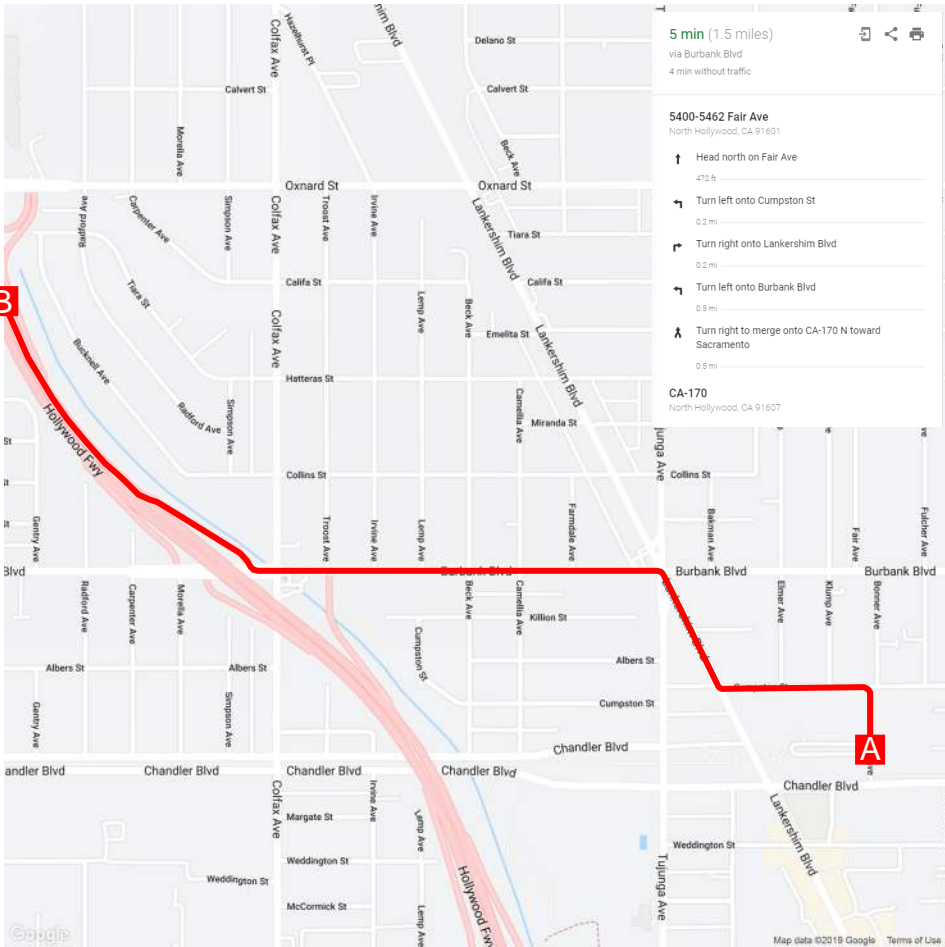
### Block 4



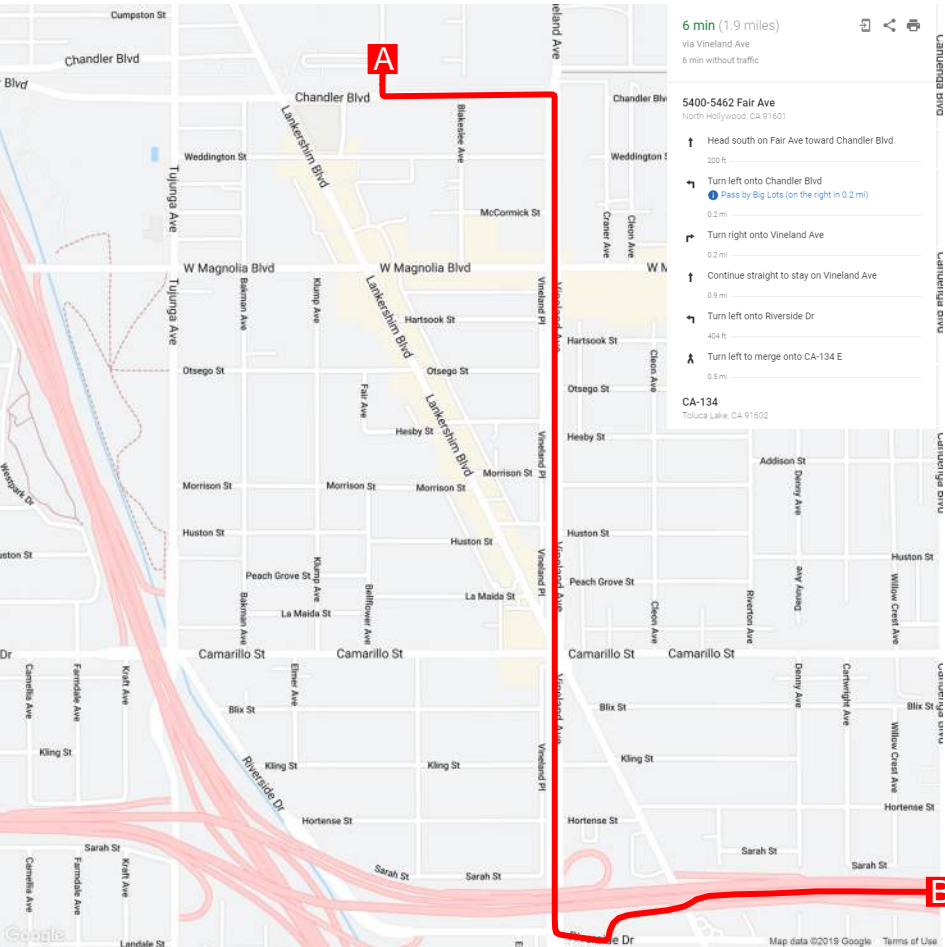
Ingress | Option A



Ingress | Option B



Egress | Option A



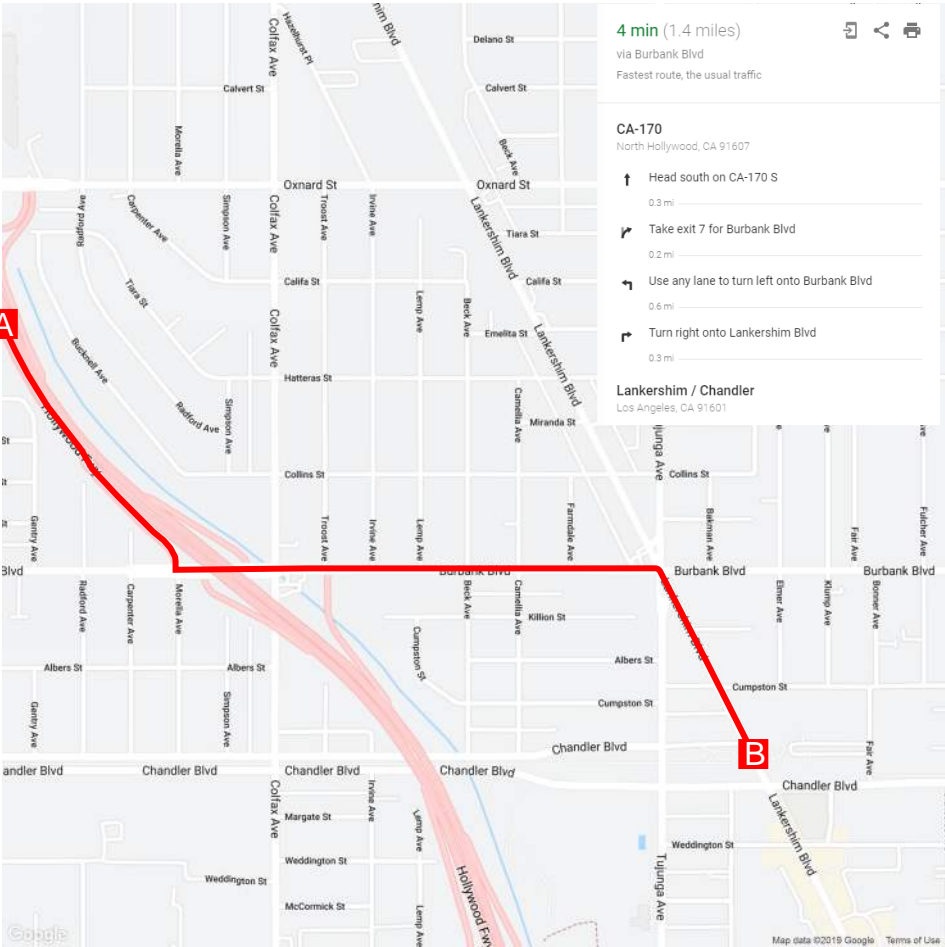
Egress | Option B



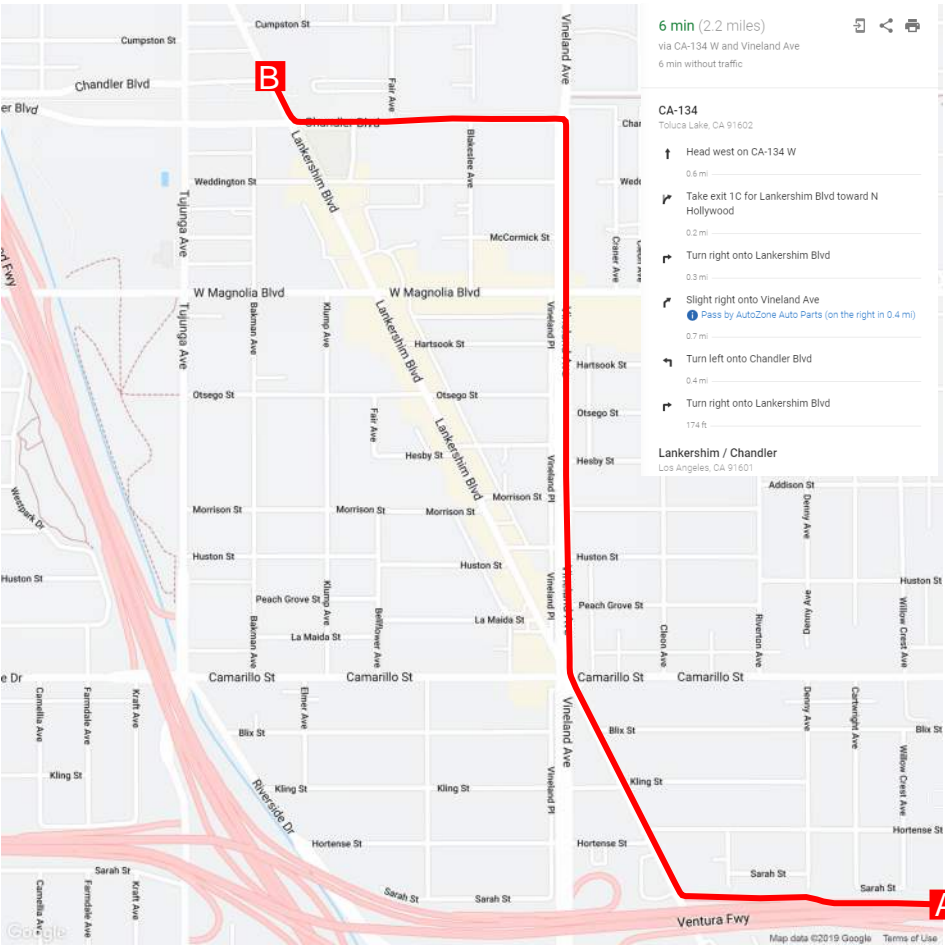
# District NoHo

## Haul Route

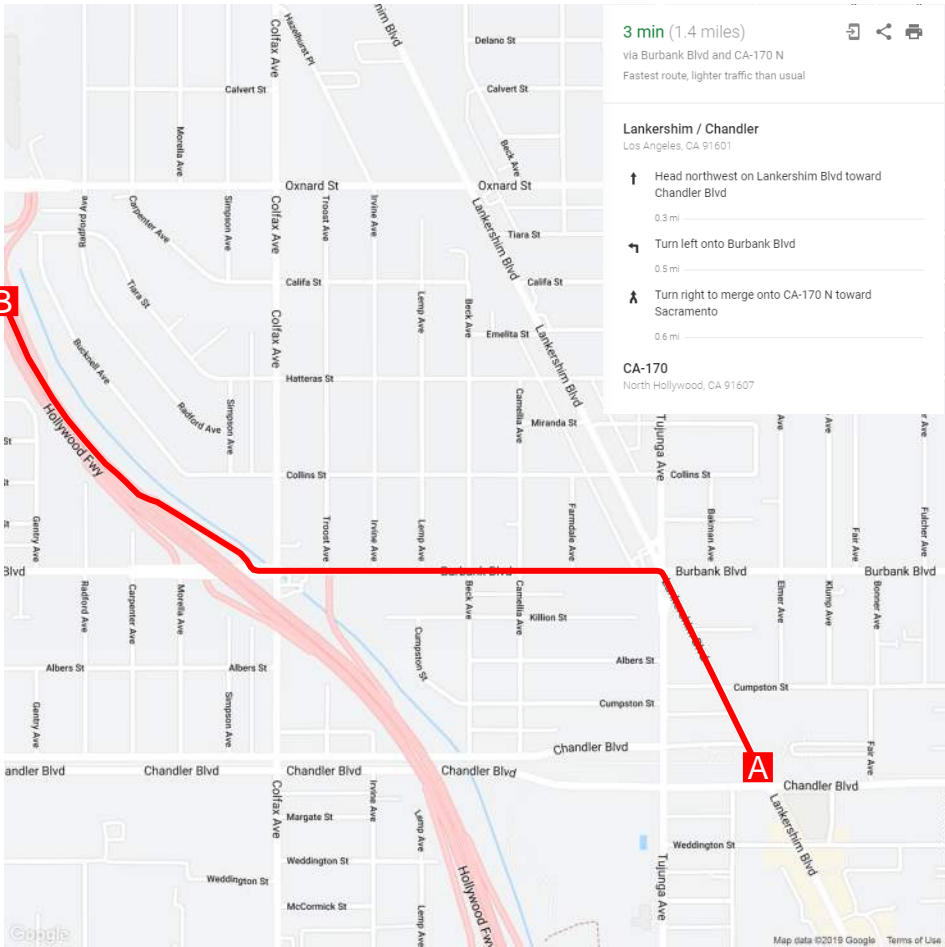
Block 5/6



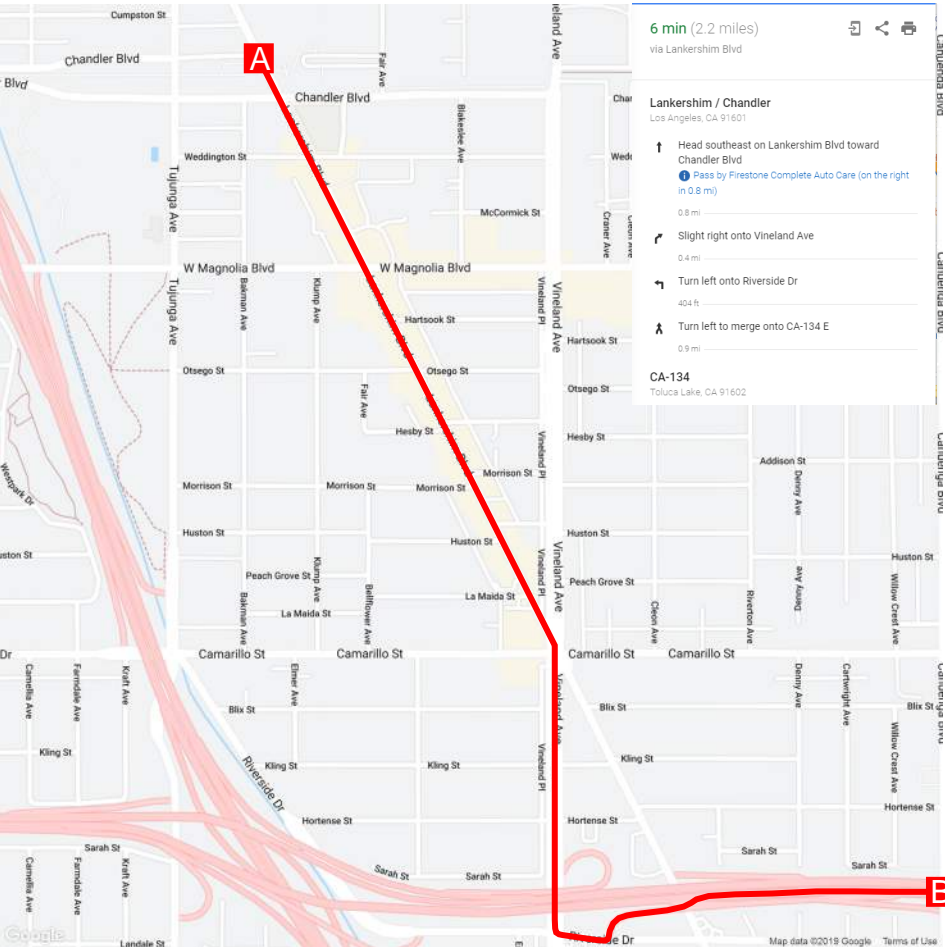
Ingress | Option A



Ingress | Option B



Egress | Option A



Egress | Option B

# District NoHo

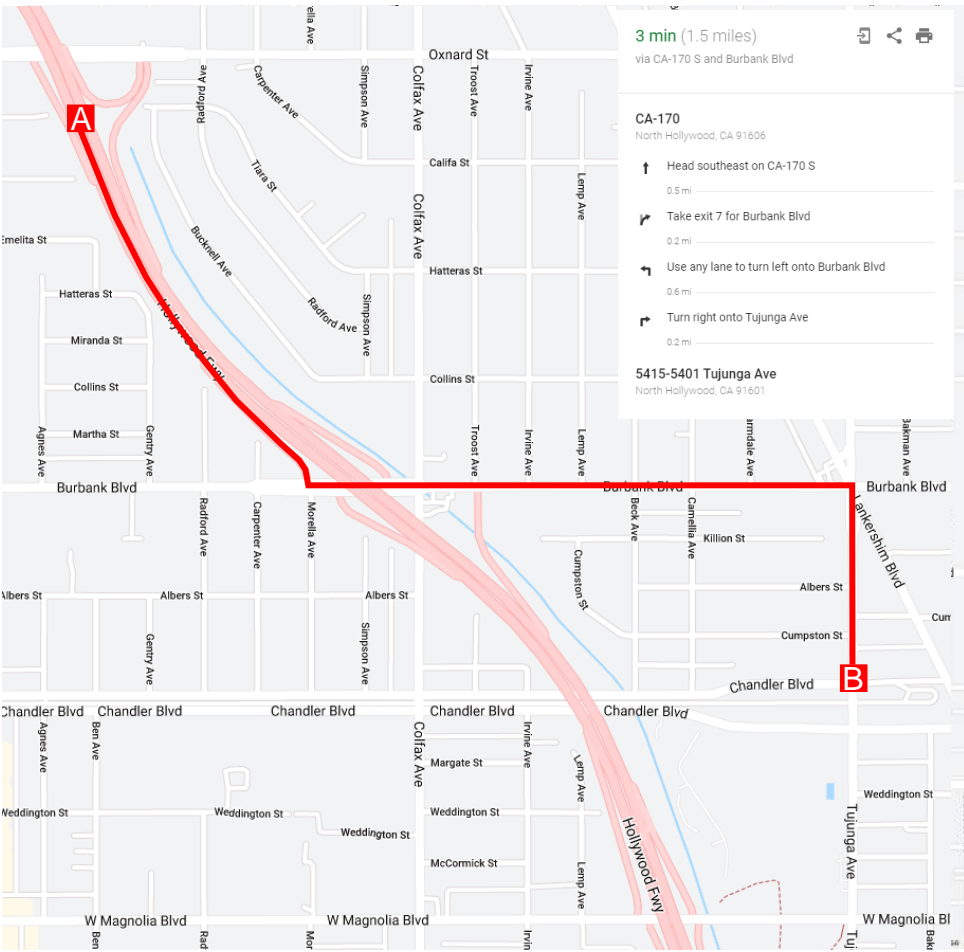
## Haul Route

### Block 7

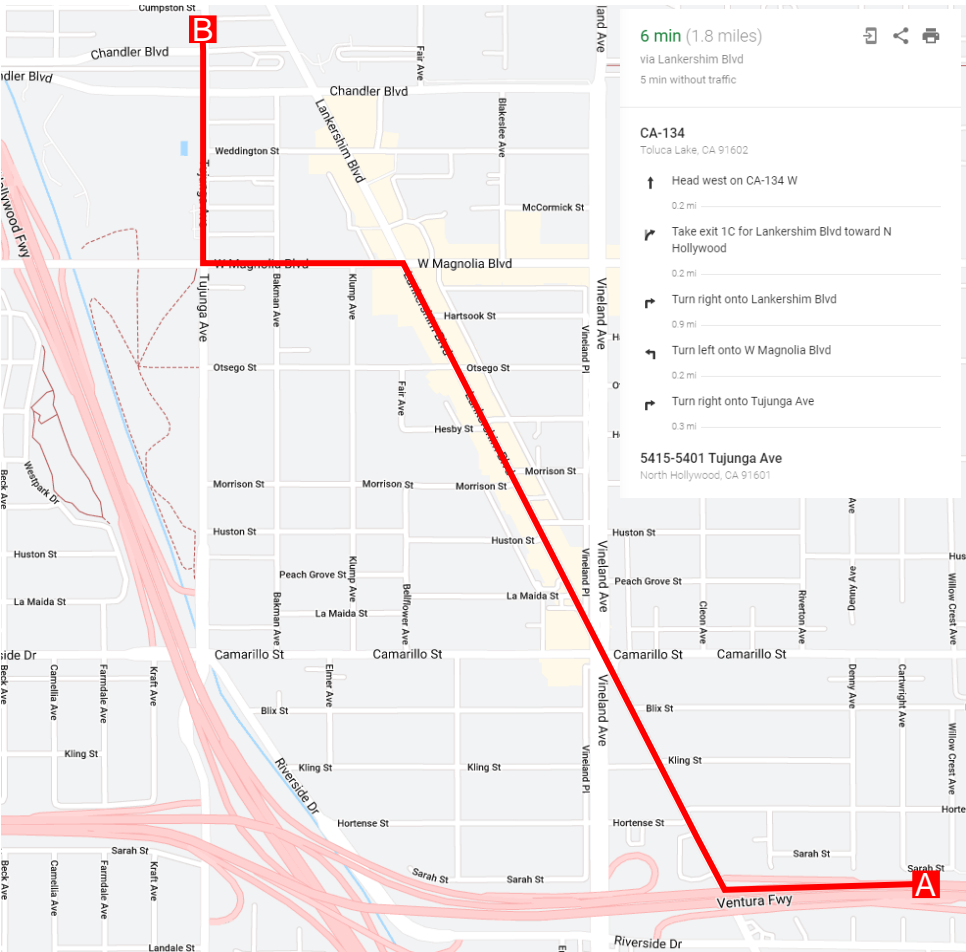
These haul routes were carefully chosen with assistance from earthwork and logistics experts. The main objectives when choosing these routes included:

- 1. Avoiding turns that exceed 90 degrees.
- 2. Using protected turning lanes when possible.
- 3. Positioning near wide on-ramps and off-ramps for freeway access.
- 4. Minimizing impact on surrounding traffic.
- 5. Utilizing less-travelled streets when possible.

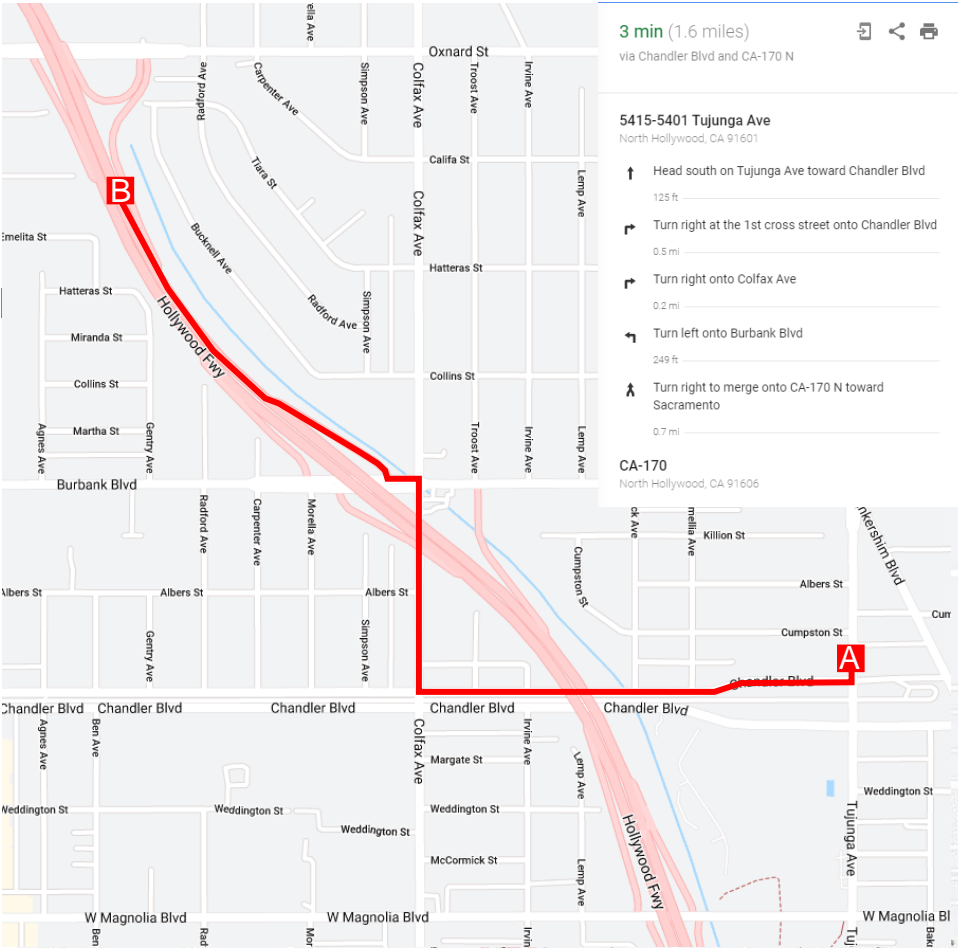
The following haul route plan reflects these objectives as well as possible.



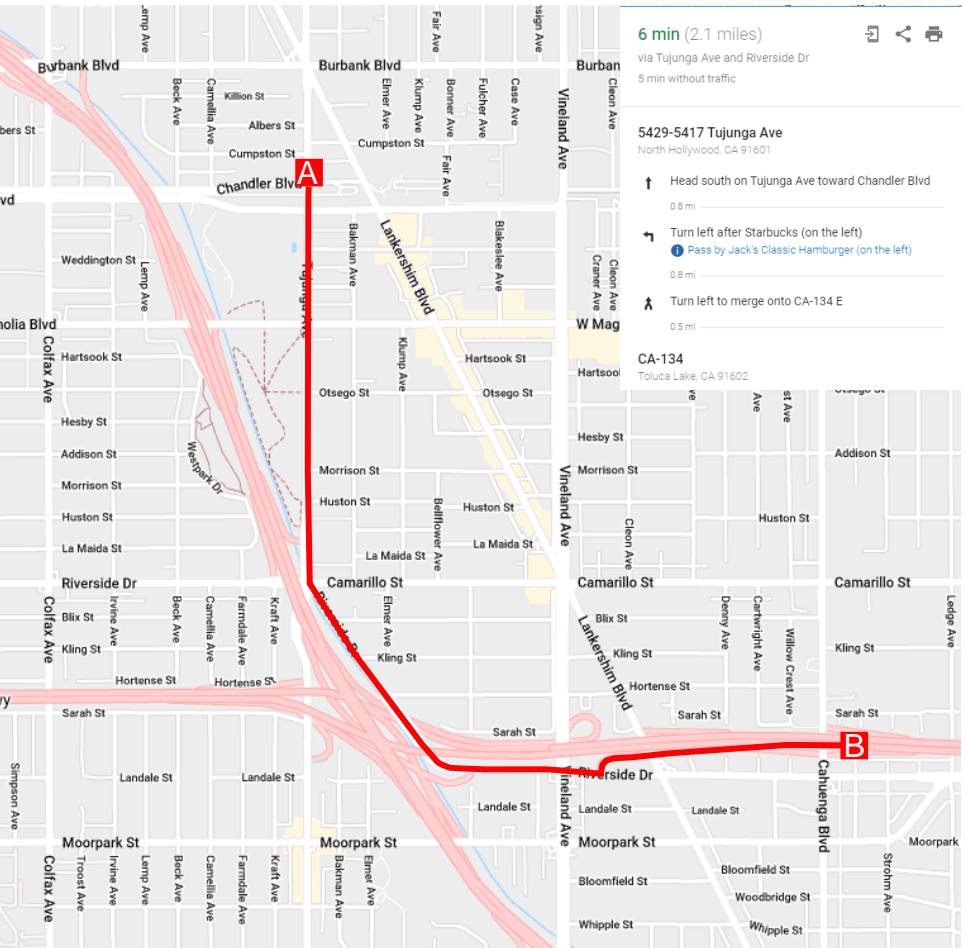
Ingress | Option A



Ingress | Option B



Egress | Option A



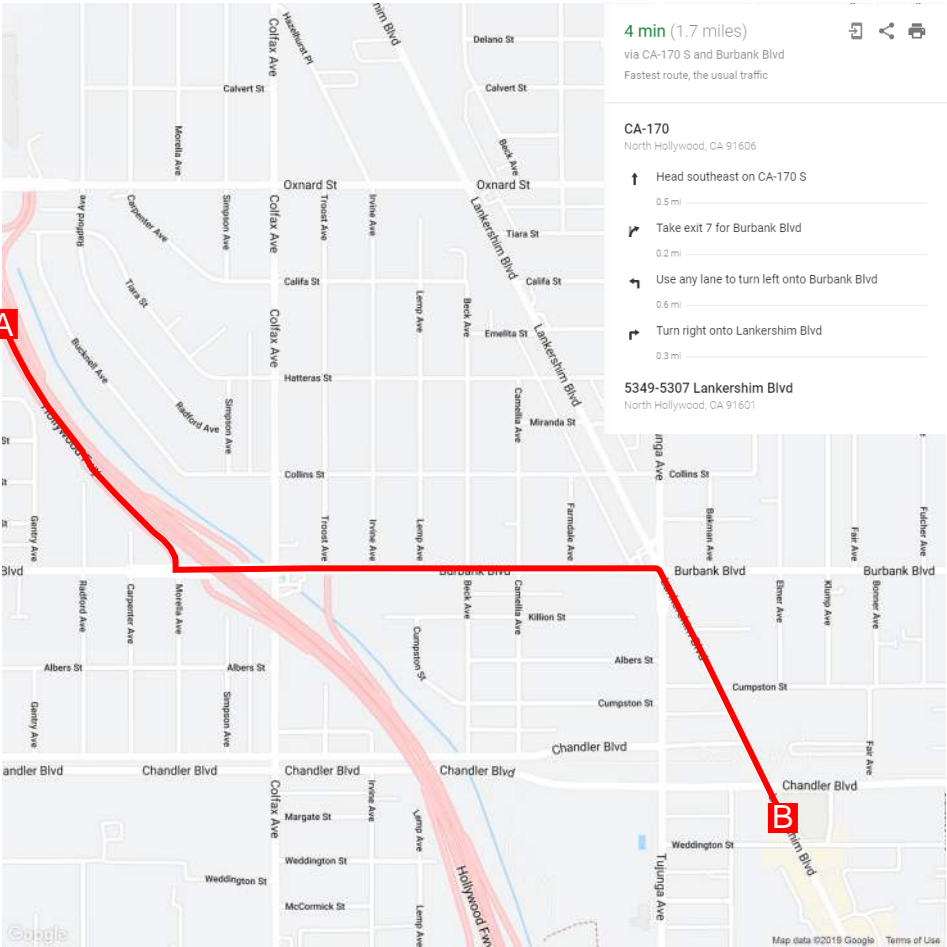
Egress | Option B



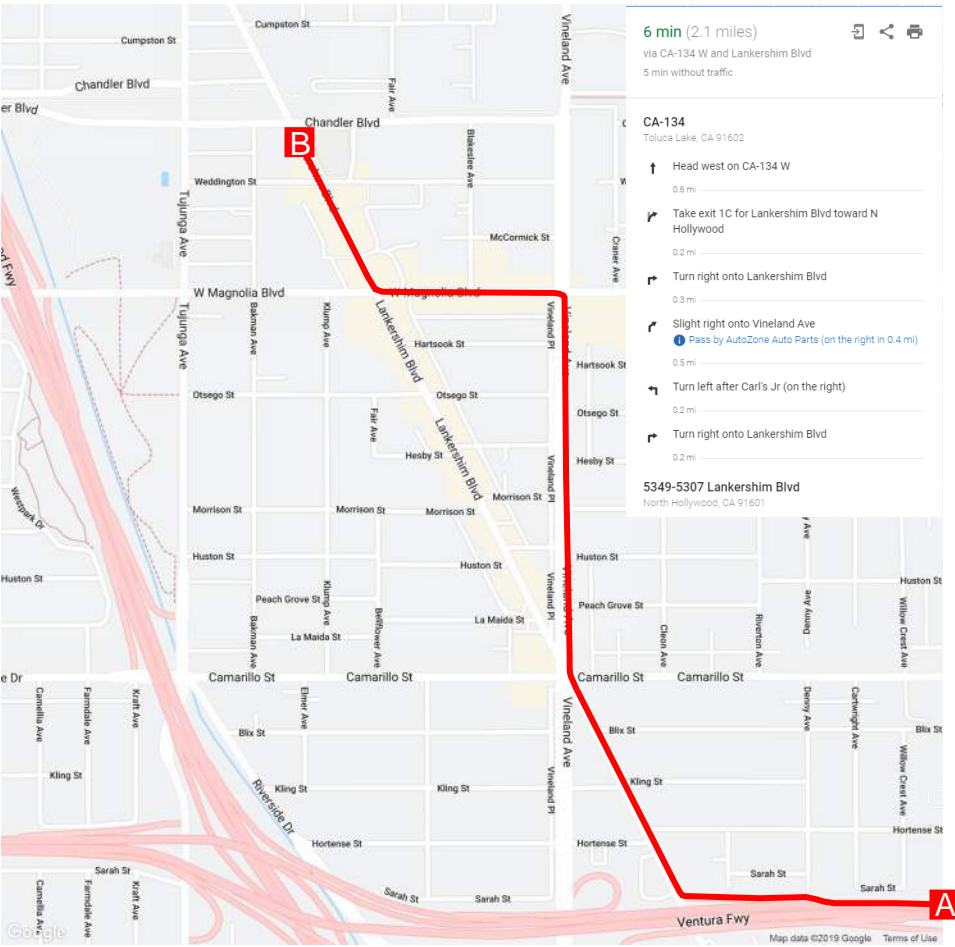
# District NoHo

## Haul Route

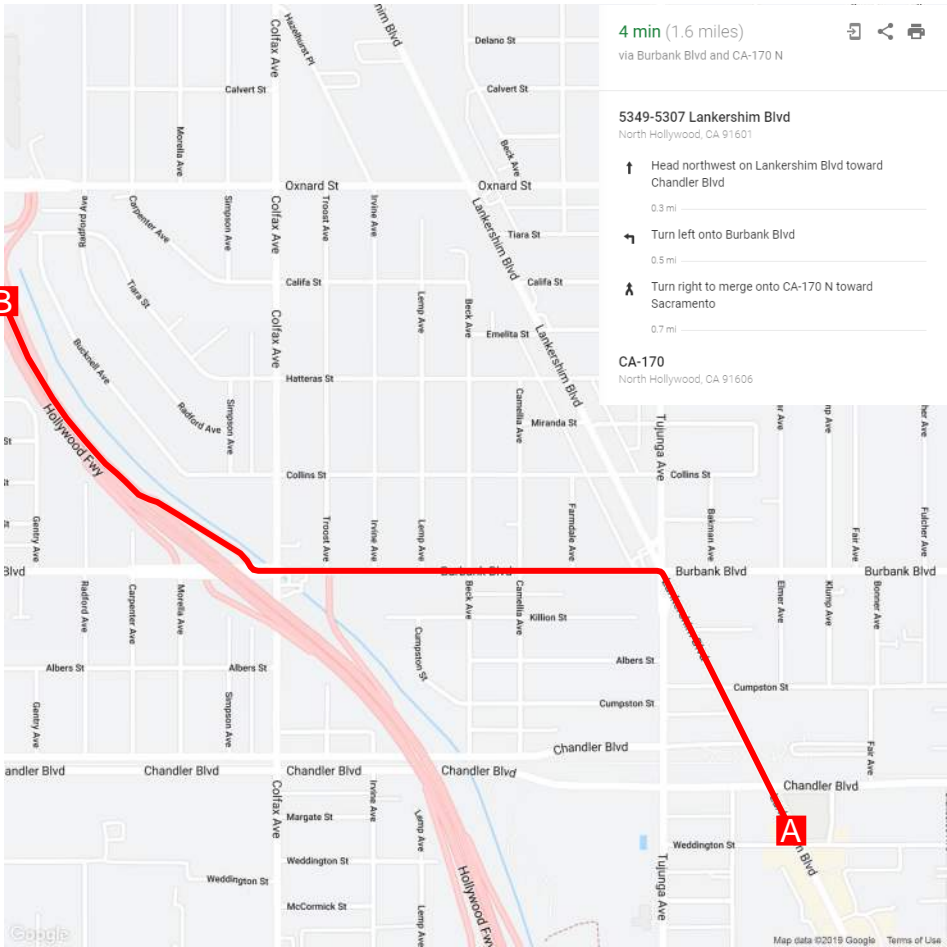
### Block 8



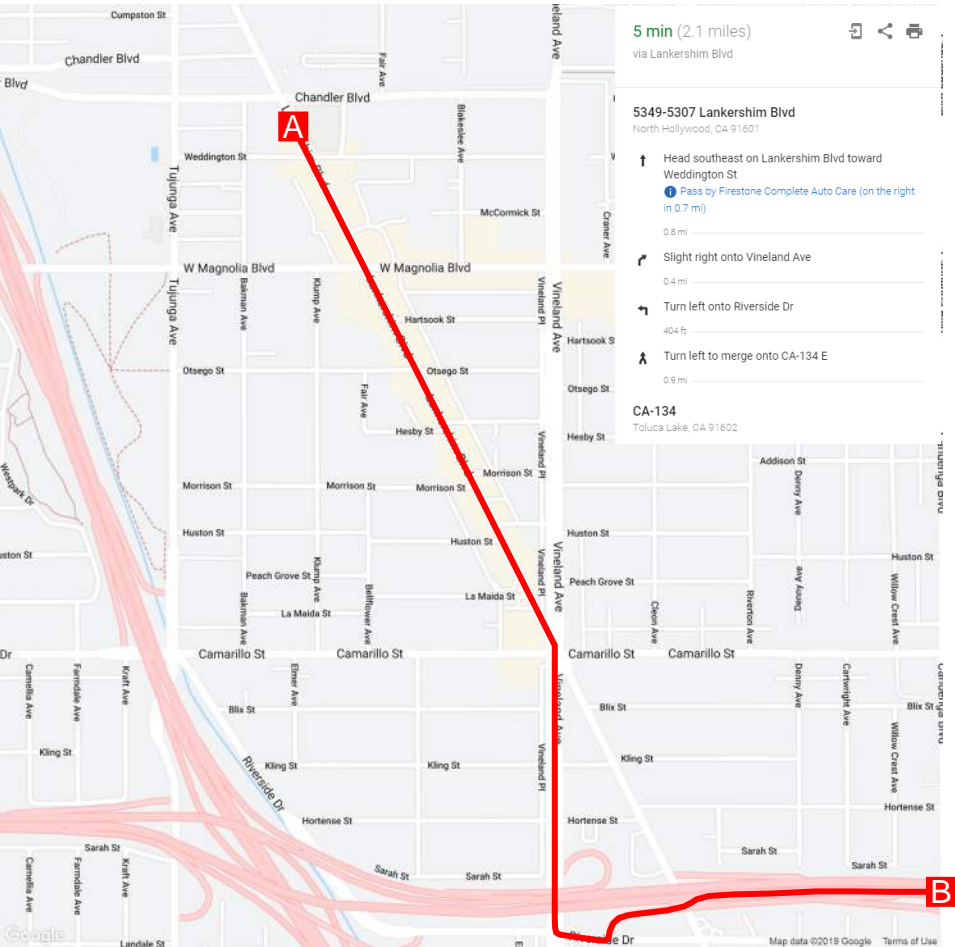
Ingress | Option A



Ingress | Option B



Egress | Option A



Egress | Option B

# District NoHo

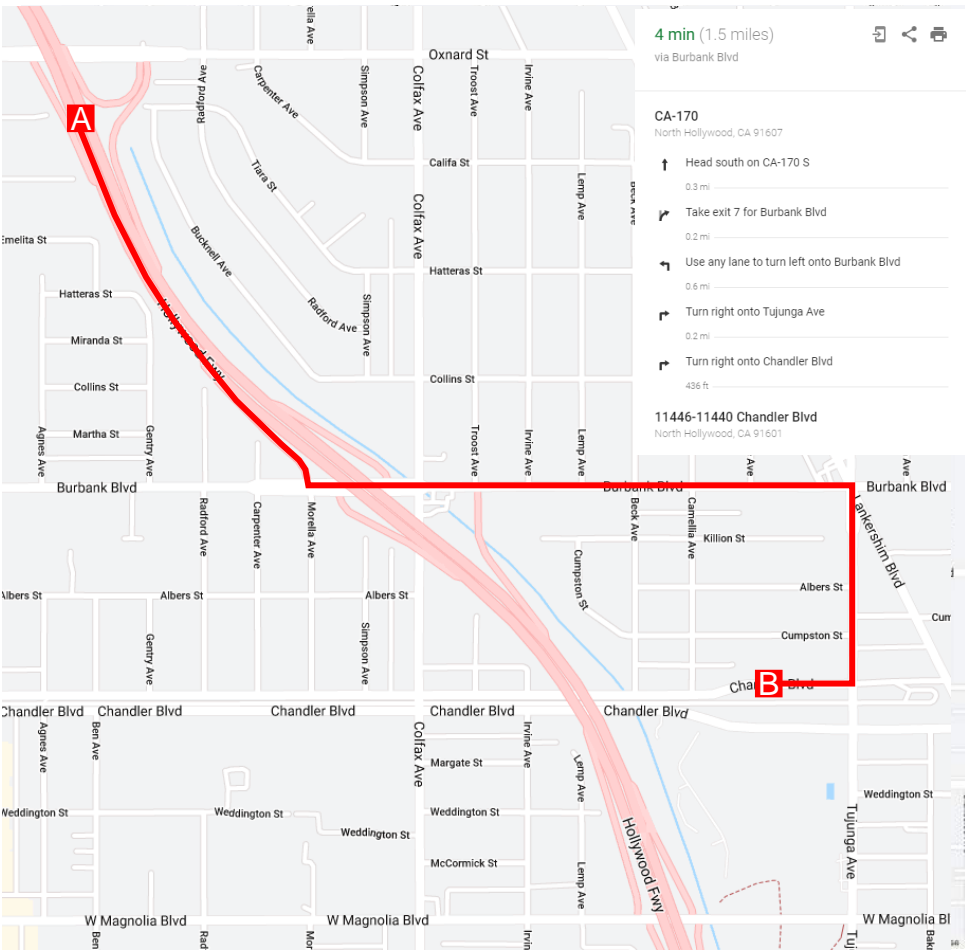
## Haul Route

### West Lot

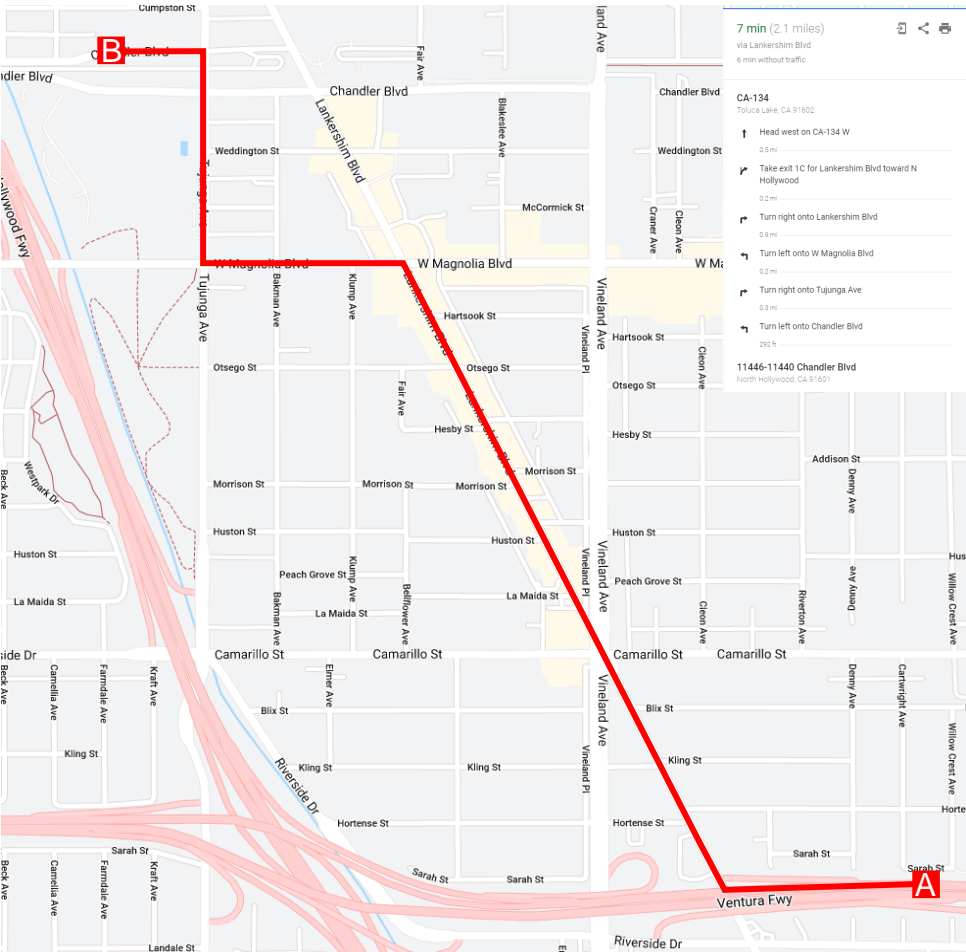
These haul routes were carefully chosen with assistance from earthwork and logistics experts. The main objectives when choosing these routes included:

- 1. Avoiding turns that exceed 90 degrees.
- 2. Using protected turning lanes when possible.
- 3. Positioning near wide on-ramps and off-ramps for freeway access.
- 4. Minimizing impact on surrounding traffic.
- 5. Utilizing less-travelled streets when possible.

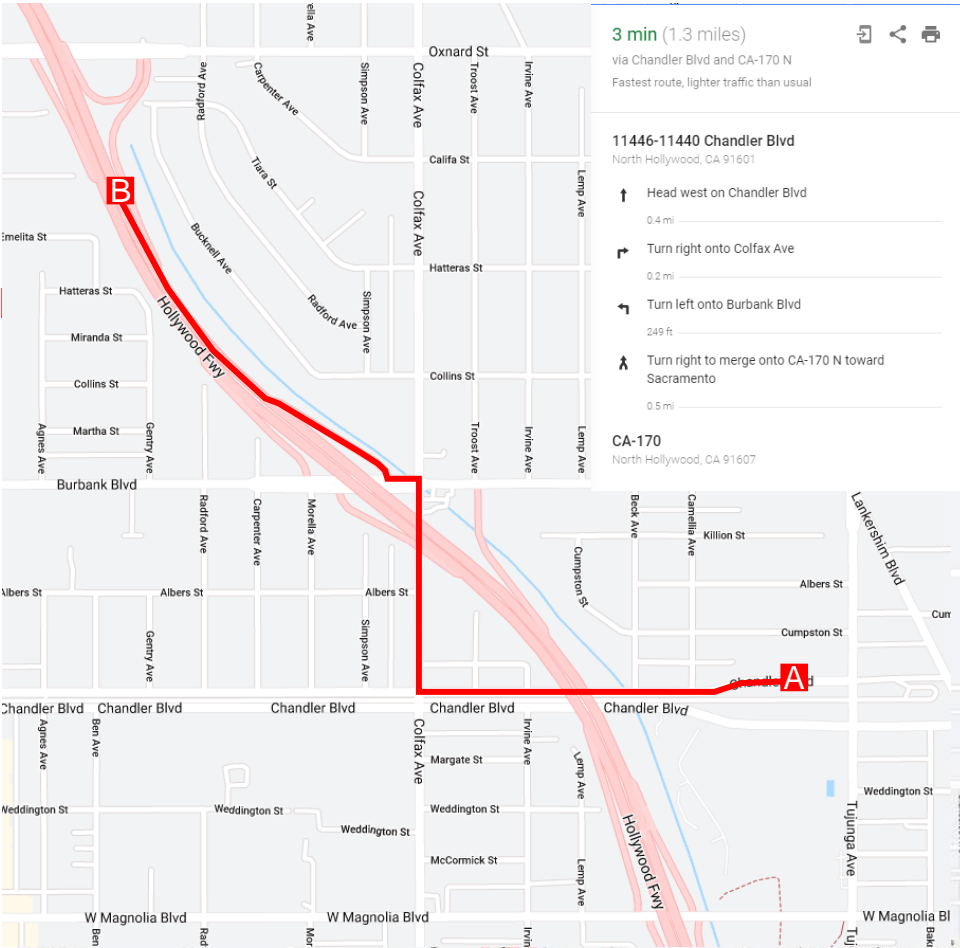
The following haul route plan reflects these objectives as well as possible.



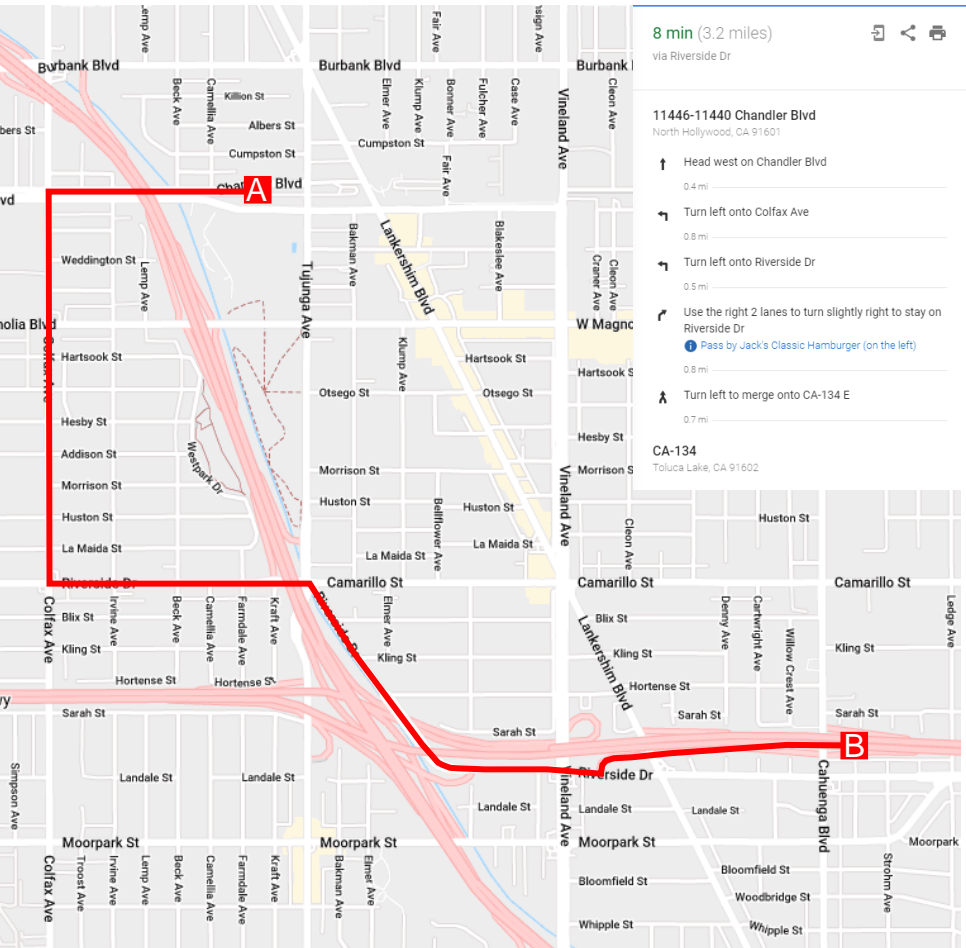
Ingress | Option A



Ingress | Option B



Egress | Option A



Egress | Option B



# District NoHo

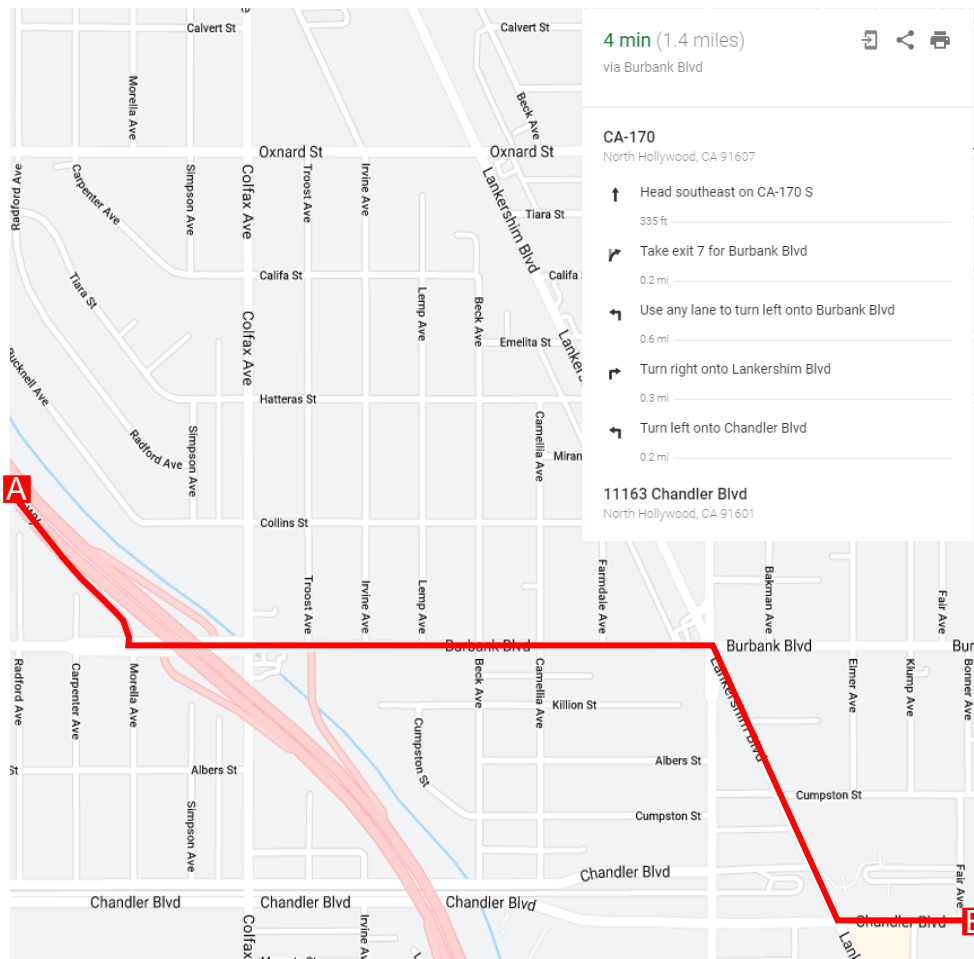
## Haul Route

### East Lot

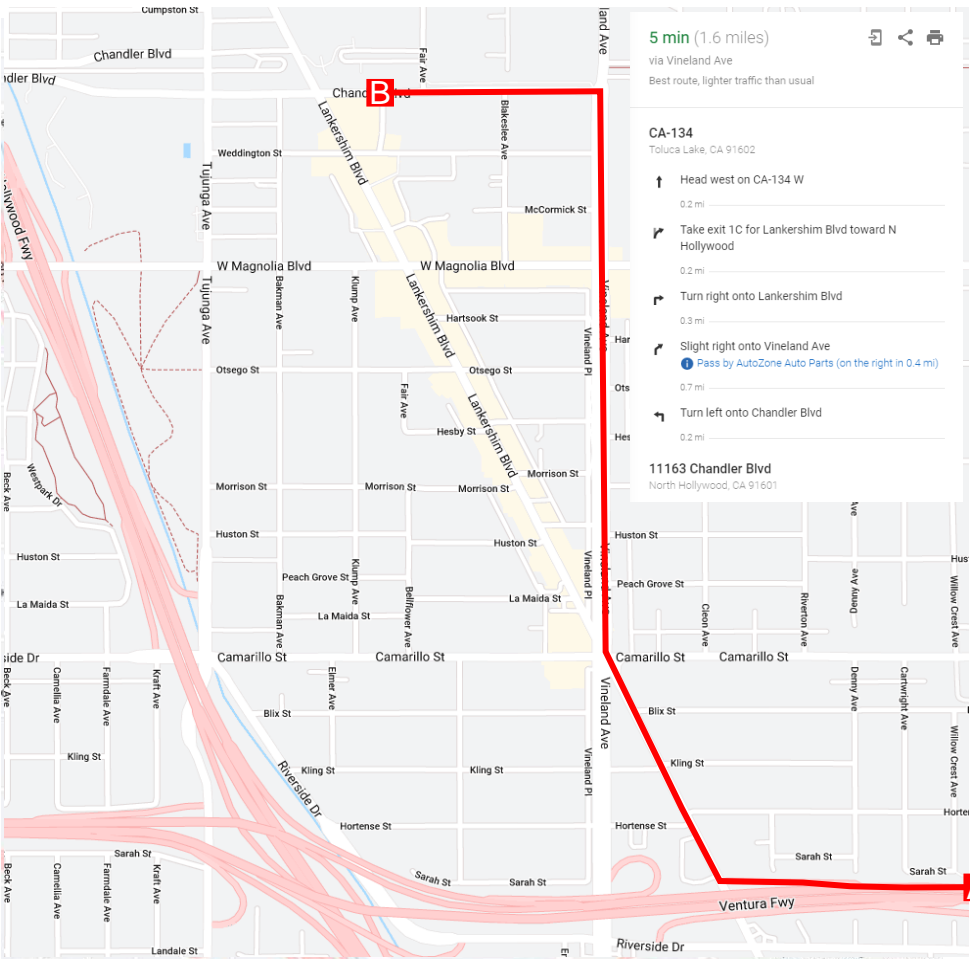
These haul routes were carefully chosen with assistance from earthwork and logistics experts. The main objectives when choosing these routes included:

- 1. Avoiding turns that exceed 90 degrees.
- 2. Using protected turning lanes when possible.
- 3. Positioning near wide on-ramps and off-ramps for freeway access.
- 4. Minimizing impact on surrounding traffic.
- 5. Utilizing less-travelled streets when possible.

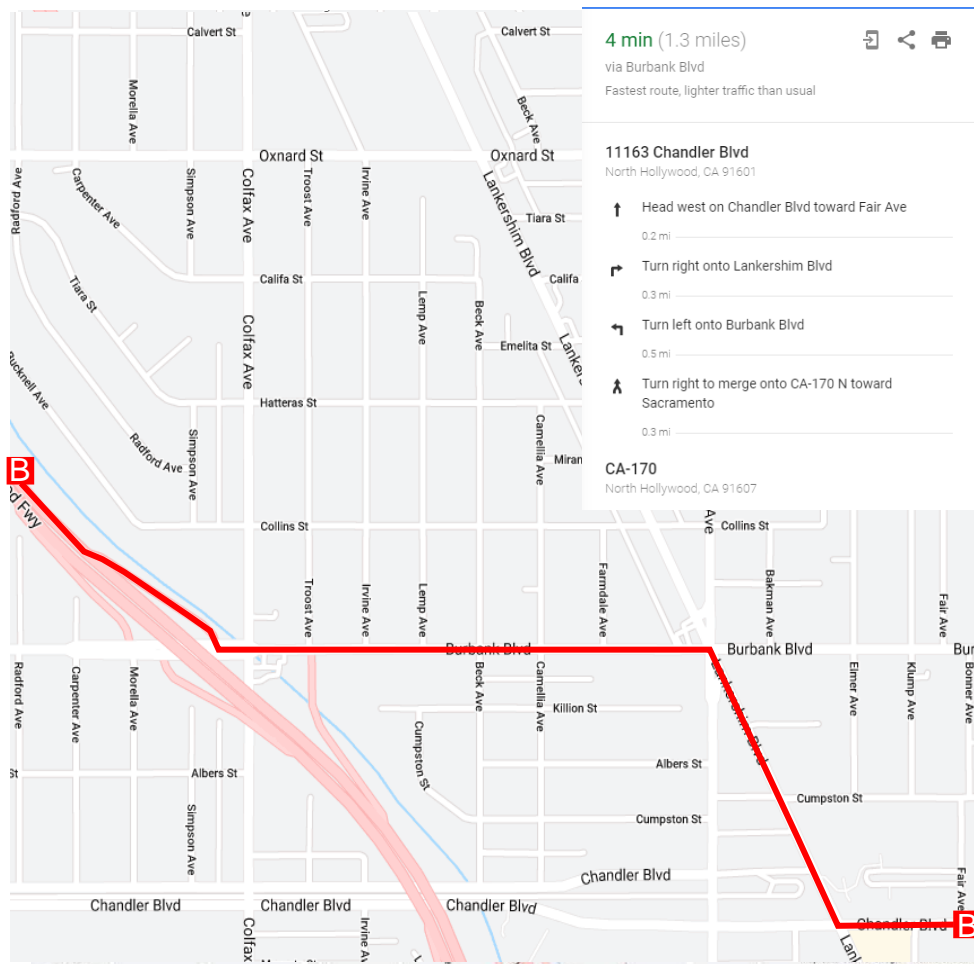
The following haul route plan reflects these objectives as well as possible.



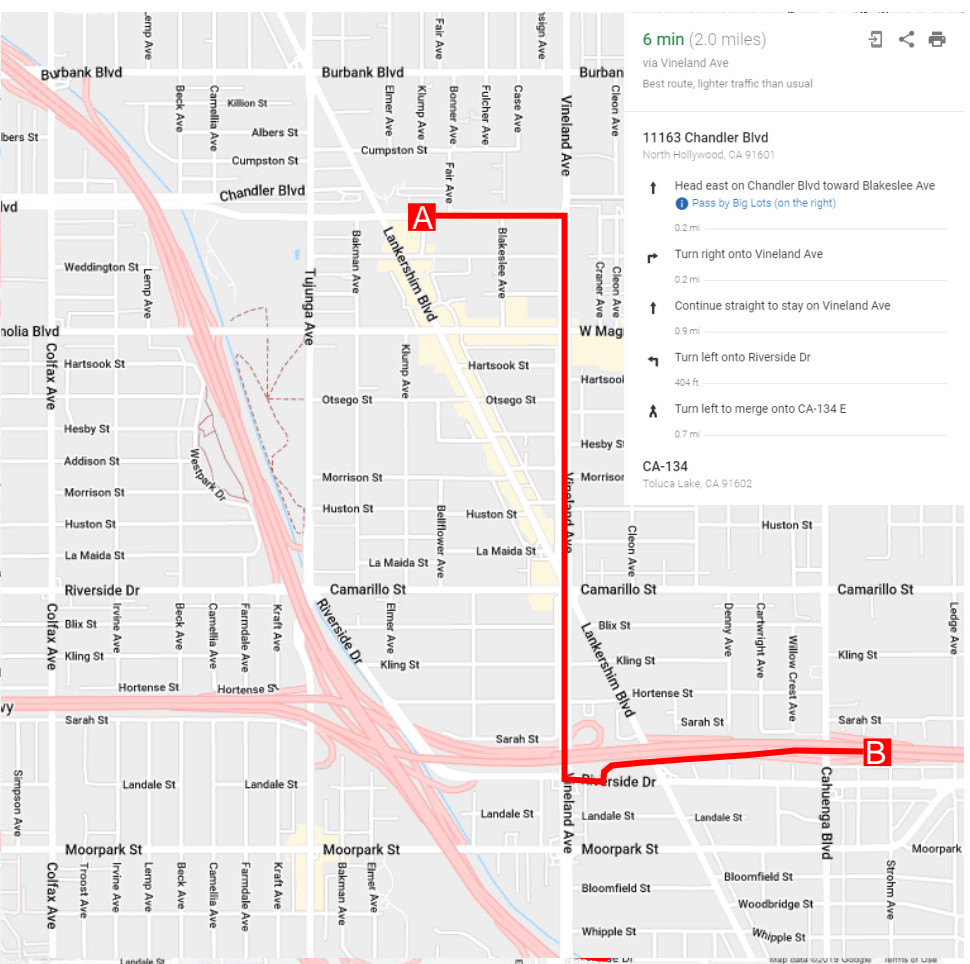
Ingress | Option A



Ingress | Option B



Egress | Option A



Egress | Option B

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 0 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	20	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 0 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	60.1	71	60.1	5	----	60.1	0.0	0	0.0	
35ft from centerline	10	1	0.0	59.3	66	59.3	10	----	59.3	0.0	8	-8.0	
40ft from centerline	11	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0	
45ft from centerline	12	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	55.9	66	55.9	10	----	55.9	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					22 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 0 Grading</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	28	35	0	0	17	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							22 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 0 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	65.9	71	65.9	5	----	65.9	0.0	0	0.0
35ft from centerline	10	1	0.0	65.0	66	65.0	10	----	65.0	0.0	8	-8.0
40ft from centerline	11	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
45ft from centerline	12	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
75ft from travel lane	13	1	0.0	61.6	66	61.6	10	----	61.6	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 0 Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	40	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS****District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 0 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	65.0	71	65.0	5	----	65.0	0.0	0	0.0	
35ft from centerline	10	1	0.0	64.1	66	64.1	10	----	64.1	0.0	8	-8.0	
40ft from centerline	11	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0	
45ft from centerline	12	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 0 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	32	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 0 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	60.6	71	60.6	5	----	60.6	0.0	0	0.0	
35ft from centerline	10	1	0.0	59.8	66	59.8	10	----	59.8	0.0	8	-8.0	
40ft from centerline	11	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0	
45ft from centerline	12	1	0.0	58.6	66	58.6	10	----	58.6	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	56.3	66	56.3	10	----	56.3	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 1 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	16	35	0	0	5	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>Block 1 Demo</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

## RESULTS: SOUND LEVELS

## District NoHo

Eyestone Environmental									23 September 2020			
Sean Bui									TNM 2.5			
									Calculated with TNM 2.5			
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			District NoHo									
RUN:			Block 1 Demo									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless			
									a State highway agency substantiates the use			
ATMOSPHERICS:			68 deg F, 50% RH						of a different type with approval of FHWA.			
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing	Type		Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
30ft from centerline	1	1	0.0	60.8	71	60.8	5	---	60.8	0.0	0	0.0
35ft from centerline	10	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
40ft from centerline	11	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
45ft from centerline	12	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
75ft from travel lane	13	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 1 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	32	35	0	0	40	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 1 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	69.4	71	69.4	5	----	69.4	0.0	0	0.0	
35ft from centerline	10	1	0.0	68.6	66	68.6	10	Snd Lvl	68.6	0.0	8	-8.0	
40ft from centerline	11	1	0.0	68.0	66	68.0	10	Snd Lvl	68.0	0.0	8	-8.0	
45ft from centerline	12	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	65.1	66	65.1	10	----	65.1	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		3	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 1 Mat/Large Pour</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	240	35	0	0	100	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>Block 1 Mat/Large Pour</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	73.7	71	73.7	5	Snd Lvl	73.7	0.0	0	0.0
35ft from centerline	10	1	0.0	72.9	66	72.9	10	Snd Lvl	72.9	0.0	8	-8.0
40ft from centerline	11	1	0.0	72.3	66	72.3	10	Snd Lvl	72.3	0.0	8	-8.0
45ft from centerline	12	1	0.0	71.7	66	71.7	10	Snd Lvl	71.7	0.0	8	-8.0
75ft from travel lane	13	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 1 Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	240	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 1 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	67.0	71	67.0	5	----	67.0	0.0	0	0.0
35ft from centerline	10	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
40ft from centerline	11	1	0.0	65.6	66	65.6	10	----	65.6	0.0	8	-8.0
45ft from centerline	12	1	0.0	65.0	66	65.0	10	----	65.0	0.0	8	-8.0
75ft from travel lane	13	1	0.0	62.8	66	62.8	10	----	62.8	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		1	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 1 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	184	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 1 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	64.1	71	64.1	5	----	64.1	0.0	0	0.0
35ft from centerline	10	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
40ft from centerline	11	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0
45ft from centerline	12	1	0.0	62.1	66	62.1	10	----	62.1	0.0	8	-8.0
75ft from travel lane	13	1	0.0	59.9	66	59.9	10	----	59.9	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 2 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	12	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 2 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	59.8	71	59.8	5	----	59.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	57.8	66	57.8	10	----	57.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 2 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	28	35	0	0	40	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 2 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	69.4	71	69.4	5	----	69.4	0.0	0	0.0	
35ft from centerline	10	1	0.0	68.6	66	68.6	10	Snd Lvl	68.6	0.0	8	-8.0	
40ft from centerline	11	1	0.0	68.0	66	68.0	10	Snd Lvl	68.0	0.0	8	-8.0	
45ft from centerline	12	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	65.1	66	65.1	10	----	65.1	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		3	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 2 Mat/Large Pour</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	220	35	0	0	100	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 2 Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	73.7	71	73.7	5	Snd Lvl	73.7	0.0	0	0.0
35ft from centerline	10	1	0.0	72.8	66	72.8	10	Snd Lvl	72.8	0.0	8	-8.0
40ft from centerline	11	1	0.0	72.3	66	72.3	10	Snd Lvl	72.3	0.0	8	-8.0
45ft from centerline	12	1	0.0	71.6	66	71.6	10	Snd Lvl	71.6	0.0	8	-8.0
75ft from travel lane	13	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	66.8	71	66.8	5	----	66.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	66.0	66	66.0	10	Snd Lvl	66.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	65.4	66	65.4	10	----	65.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	64.8	66	64.8	10	----	64.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 2 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	168	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**

District NoHo

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 2 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	63.8	71	63.8	5	----	63.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	62.4	66	62.4	10	----	62.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	59.6	66	59.6	10	----	59.6	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 3 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	20	35	0	0	2	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 3 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	57.0	66	57.0	10	----	57.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	56.5	66	56.5	10	----	56.5	0.0	8	-8.0	
45ft from centerline	12	1	0.0	55.8	66	55.8	10	----	55.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 3 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	28	35	0	0	30	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 3 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	68.2	71	68.2	5	----	68.2	0.0	0	0.0
35ft from centerline	10	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0
40ft from centerline	11	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
45ft from centerline	12	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
75ft from travel lane	13	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		3	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental				23 September 2020							
Sean Bui				TNM 2.5							
INPUT: ROADWAYS											
PROJECT/CONTRACT:		District NoHo									
RUN:		Block 3 Mat/Large Pour									
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 3 Mat/Large Pour											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	40	35	0	0	50	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 3 Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria			Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	70.4	71	70.4	5	---	70.4	0.0	0	0.0	
35ft from centerline	10	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0	
40ft from centerline	11	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0	
45ft from centerline	12	1	0.0	68.4	66	68.4	10	Snd Lvl	68.4	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		4	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 3 Structure</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	40	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 3 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	65.0	71	65.0	5	----	65.0	0.0	0	0.0
35ft from centerline	10	1	0.0	64.1	66	64.1	10	----	64.1	0.0	8	-8.0
40ft from centerline	11	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0
45ft from centerline	12	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
75ft from travel lane	13	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 3 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	32	35	0	0	1	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 3 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	57.0	71	57.0	5	----	57.0	0.0	0	0.0	
35ft from centerline	10	1	0.0	56.3	66	56.3	10	----	56.3	0.0	8	-8.0	
40ft from centerline	11	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0	
45ft from centerline	12	1	0.0	55.1	66	55.1	10	----	55.1	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 4 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	16	35	0	0	5	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>Block 4 Demo</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	60.0	66	60.0	10	----	60.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	59.4	66	59.4	10	----	59.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	56.5	66	56.5	10	----	56.5	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 4 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	32	35	0	0	30	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 4 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	68.2	71	68.2	5	----	68.2	0.0	0	0.0
35ft from centerline	10	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0
40ft from centerline	11	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
45ft from centerline	12	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
75ft from travel lane	13	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		3	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 4 Mat/Large Pour											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	240	35	0	0	50	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 4 Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	71.1	71	71.1	5	Snd Lvl	71.1	0.0	0	0.0
35ft from centerline	10	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
40ft from centerline	11	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
45ft from centerline	12	1	0.0	69.1	66	69.1	10	Snd Lvl	69.1	0.0	8	-8.0
75ft from travel lane	13	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 4 Structure</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	240	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 4 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria			Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>		<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>		<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>						<b>minus</b>
													<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	67.0	71	67.0	5	----		67.0	0.0	0	0.0
35ft from centerline	10	1	0.0	66.2	66	66.2	10	Snd Lvl		66.2	0.0	8	-8.0
40ft from centerline	11	1	0.0	65.6	66	65.6	10	----		65.6	0.0	8	-8.0
45ft from centerline	12	1	0.0	65.0	66	65.0	10	----		65.0	0.0	8	-8.0
75ft from travel lane	13	1	0.0	62.8	66	62.8	10	----		62.8	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 4 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	184	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 4 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	64.1	71	64.1	5	----	64.1	0.0	0	0.0
35ft from centerline	10	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
40ft from centerline	11	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0
45ft from centerline	12	1	0.0	62.1	66	62.1	10	----	62.1	0.0	8	-8.0
75ft from travel lane	13	1	0.0	59.9	66	59.9	10	----	59.9	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 5/6 Demo</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	16	35	0	0	6	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 5/6 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	61.5	71	61.5	5	----	61.5	0.0	0	0.0	
35ft from centerline	10	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0	
40ft from centerline	11	1	0.0	60.1	66	60.1	10	----	60.1	0.0	8	-8.0	
45ft from centerline	12	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 5/6 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	40	35	0	0	40	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 5/6 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	69.5	71	69.5	5	----	69.5	0.0	0	0.0
35ft from centerline	10	1	0.0	68.6	66	68.6	10	Snd Lvl	68.6	0.0	8	-8.0
40ft from centerline	11	1	0.0	68.1	66	68.1	10	Snd Lvl	68.1	0.0	8	-8.0
45ft from centerline	12	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0
75ft from travel lane	13	1	0.0	65.2	66	65.2	10	----	65.2	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		3	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
INPUT: ROADWAYS						Average pavement type shall be used unless					
PROJECT/CONTRACT:	District NoHo					a State highway agency substantiates the use					
RUN:	Block 5/6 Mat/Large Pour					of a different type with the approval of FHWA					
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental				23 September 2020								
Sean Bui				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 5/6 Mat/Large Pour											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	284	35	0	0	100	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 5/6 Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	73.8	71	73.8	5	Snd Lvl	73.8	0.0	0	0.0
35ft from centerline	10	1	0.0	72.9	66	72.9	10	Snd Lvl	72.9	0.0	8	-8.0
40ft from centerline	11	1	0.0	72.4	66	72.4	10	Snd Lvl	72.4	0.0	8	-8.0
45ft from centerline	12	1	0.0	71.7	66	71.7	10	Snd Lvl	71.7	0.0	8	-8.0
75ft from travel lane	13	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 5/6 Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	284	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 5/6 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	67.3	71	67.3	5	----	67.3	0.0	0	0.0	
35ft from centerline	10	1	0.0	66.5	66	66.5	10	Snd Lvl	66.5	0.0	8	-8.0	
40ft from centerline	11	1	0.0	65.9	66	65.9	10	----	65.9	0.0	8	-8.0	
45ft from centerline	12	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	63.1	66	63.1	10	----	63.1	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental				23 September 2020								
Sean Bui				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 5/6 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	208	35	0	0	5	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 5/6 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	64.7	71	64.7	5	----	64.7	0.0	0	0.0
35ft from centerline	10	1	0.0	64.0	66	64.0	10	----	64.0	0.0	8	-8.0
40ft from centerline	11	1	0.0	63.4	66	63.4	10	----	63.4	0.0	8	-8.0
45ft from centerline	12	1	0.0	62.8	66	62.8	10	----	62.8	0.0	8	-8.0
75ft from travel lane	13	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 7 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	12	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 7 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	59.8	71	59.8	5	----	59.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	57.8	66	57.8	10	----	57.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 7 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	28	35	0	0	30	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 7 Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	68.2	71	68.2	5	----	68.2	0.0	0	0.0
35ft from centerline	10	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0
40ft from centerline	11	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
45ft from centerline	12	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
75ft from travel lane	13	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		3	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 7 Mat/Large Pour											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	220	35	0	0	50	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS****District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 7 Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria			Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	71.0	71	71.0	5	Snd Lvl	71.0	0.0	0	0.0
35ft from centerline	10	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
40ft from centerline	11	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0
45ft from centerline	12	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0
75ft from travel lane	13	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Block 7 Structure</b>											
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 7 Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	220	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 7 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>		<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>		<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>						<b>minus</b>
													<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>			<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	66.8	71	66.8	5	----		66.8	0.0	0	0.0
35ft from centerline	10	1	0.0	66.0	66	66.0	10	Snd Lvl		66.0	0.0	8	-8.0
40ft from centerline	11	1	0.0	65.4	66	65.4	10	----		65.4	0.0	8	-8.0
45ft from centerline	12	1	0.0	64.8	66	64.8	10	----		64.8	0.0	8	-8.0
75ft from travel lane	13	1	0.0	62.6	66	62.6	10	----		62.6	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>INPUT: TRAFFIC FOR LAeq1h Volumes</b>												
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>											
<b>RUN:</b>	<b>Block 7 Finishes</b>											
<b>Roadway</b>	<b>Points</b>											
<b>Name</b>	<b>Name</b>	<b>No.</b>	<b>Segment</b>									
			<b>Autos</b>		<b>MTrucks</b>		<b>HTrucks</b>		<b>Buses</b>		<b>Motorcycles</b>	
			<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>	<b>V</b>	<b>S</b>
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	168	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS****District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>		<b>District NoHo</b>									
<b>RUN:</b>		<b>Block 7 Finishes</b>									
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	63.8	71	63.8	5	----	63.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	62.4	66	62.4	10	----	62.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	59.6	66	59.6	10	----	59.6	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 8 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	16	35	0	0	2	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 8 Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria			Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	57.6	71	57.6	5	----	57.6	0.0	0	0.0	
35ft from centerline	10	1	0.0	56.8	66	56.8	10	----	56.8	0.0	8	-8.0	
40ft from centerline	11	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0	
45ft from centerline	12	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 8 Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	32	35	0	0	40	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>Block 8 Grading</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	69.4	71	69.4	5	----	69.4	0.0	0	0.0
35ft from centerline	10	1	0.0	68.6	66	68.6	10	Snd Lvl	68.6	0.0	8	-8.0
40ft from centerline	11	1	0.0	68.0	66	68.0	10	Snd Lvl	68.0	0.0	8	-8.0
45ft from centerline	12	1	0.0	67.4	66	67.4	10	Snd Lvl	67.4	0.0	8	-8.0
75ft from travel lane	13	1	0.0	65.1	66	65.1	10	----	65.1	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		3	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					10 August 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 0 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	120	35	0	0	100	35	0	0	0	0
	point2	2										

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental				10 August 2020								
Sean Bui				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 0 Demo											
Roadway	Points											
Name	Name	No.	Segment									
			User 1		User 2		User 3		User 4		<unknown>	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1										
	point2	2										

**RESULTS: SOUND LEVELS**
**District NoHo**

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	73.5	71	73.5	5	Snd Lvl	73.5	0.0	0	0.0
35ft from centerline	10	1	0.0	72.6	66	72.6	10	Snd Lvl	72.6	0.0	8	-8.0
40ft from centerline	11	1	0.0	72.1	66	72.1	10	Snd Lvl	72.1	0.0	8	-8.0
45ft from centerline	12	1	0.0	71.4	66	71.4	10	Snd Lvl	71.4	0.0	8	-8.0
75ft from travel lane	13	1	0.0	69.2	66	69.2	10	Snd Lvl	69.2	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 8 Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	120	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 8 Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	65.9	71	65.9	5	----	65.9	0.0	0	0.0	
35ft from centerline	10	1	0.0	65.1	66	65.1	10	----	65.1	0.0	8	-8.0	
40ft from centerline	11	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0	
45ft from centerline	12	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	61.6	66	61.6	10	----	61.6	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 8 Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	160	35	0	0	4	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 8 Finishes										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	63.7	71	63.7	5	----	63.7	0.0	0	0.0
35ft from centerline	10	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
40ft from centerline	11	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
45ft from centerline	12	1	0.0	61.7	66	61.7	10	----	61.7	0.0	8	-8.0
75ft from travel lane	13	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	East Lot Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	12	35	0	0	17	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	East Lot Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	65.7	71	65.7	5	----	65.7	0.0	0	0.0
35ft from centerline	10	1	0.0	64.8	66	64.8	10	----	64.8	0.0	8	-8.0
40ft from centerline	11	1	0.0	64.3	66	64.3	10	----	64.3	0.0	8	-8.0
45ft from centerline	12	1	0.0	63.7	66	63.7	10	----	63.7	0.0	8	-8.0
75ft from travel lane	13	1	0.0	61.4	66	61.4	10	----	61.4	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	East Lot Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	20	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						23 September 2020					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	East Lot Structure										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'I	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	64.7	71	64.7	5	----	64.7	0.0	0	0.0
35ft from centerline	10	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
40ft from centerline	11	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
45ft from centerline	12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
75ft from travel lane	13	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	West Lot Demo											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	16	35	0	0	2	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**

District NoHo

Eyestone Environmental											
Sean Bui											
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	West Lot Demo										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	57.6	71	57.6	5	----	57.6	0.0	0	0.0	
35ft from centerline	10	1	0.0	56.8	66	56.8	10	----	56.8	0.0	8	-8.0	
40ft from centerline	11	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0	
45ft from centerline	12	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	West Lot Grading											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	24	35	0	0	17	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	West Lot Grading										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>													
<b>Sean Bui</b>													
<b>RESULTS: SOUND LEVELS</b>													
<b>PROJECT/CONTRACT:</b>													
<b>RUN:</b>													
<b>BARRIER DESIGN:</b>													
<b>ATMOSPHERICS:</b>													
<b>Receiver</b>													
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>						<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>			
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>	
							<b>Sub'l Inc</b>					<b>minus</b>	
												<b>Goal</b>	
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	
30ft from centerline	1	1	0.0	65.8	71	65.8	5	----	65.8	0.0	0	0.0	
35ft from centerline	10	1	0.0	65.0	66	65.0	10	----	65.0	0.0	8	-8.0	
40ft from centerline	11	1	0.0	64.4	66	64.4	10	----	64.4	0.0	8	-8.0	
45ft from centerline	12	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0	
75ft from travel lane	13	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0	
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>										
			<b>Min</b>	<b>Avg</b>	<b>Max</b>								
			<b>dB</b>	<b>dB</b>	<b>dB</b>								
All Selected		5	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
INPUT: ROADWAYS						Average pavement type shall be used unless					
PROJECT/CONTRACT:	District NoHo					a State highway agency substantiates the use					
RUN:	West Lot Mat/Large Pour					of a different type with the approval of FHWA					
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

District NoHo

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	West Lot Mat/Large Pour											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	68	35	0	0	50	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui							23 September 2020				
							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	West Lot Mat/Large Pour										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

Eyestone Environmental												
Sean Bui												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:												
RUN:												
BARRIER DESIGN:												
ATMOSPHERICS:												
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h								
				Calculated	Crit'n	Calculated	Crit'n	Impact	Calculated	Noise Reduction		
							Sub'l Inc		LAeq1h	Calculated	Goal	Calculated
												minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
30ft from centerline	1	1	0.0	70.5	71	70.5	5	---	70.5	0.0	0	0.0
35ft from centerline	10	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
40ft from centerline	11	1	0.0	69.1	66	69.1	10	Snd Lvl	69.1	0.0	8	-8.0
45ft from centerline	12	1	0.0	68.5	66	68.5	10	Snd Lvl	68.5	0.0	8	-8.0
75ft from travel lane	13	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		5	0.0	0.0	0.0							
All Impacted		4	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**

**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	West Lot Structure											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	68	35	0	0	13	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>West Lot Structure</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>		<b>dB</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	65.3	71	65.3	5	----	65.3	0.0	0	0.0
35ft from centerline	10	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
40ft from centerline	11	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0
45ft from centerline	12	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
75ft from travel lane	13	1	0.0	61.0	66	61.0	10	----	61.0	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental					23 September 2020						
Sean Bui					TNM 2.5						
<b>INPUT: ROADWAYS</b>					<b>Average pavement type shall be used unless</b>						
<b>PROJECT/CONTRACT:</b>					<b>a State highway agency substantiates the use</b>						
<b>RUN:</b>					<b>of a different type with the approval of FHWA</b>						
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>		<b>Flow Control</b>				<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental												
Sean Bui												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	West Lot Finishes											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	44	35	0	0	2	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental											
Sean Bui											
<b>INPUT: RECEIVERS</b>											
<b>PROJECT/CONTRACT:</b>	<b>District NoHo</b>										
<b>RUN:</b>	<b>West Lot Finishes</b>										
<b>Receiver</b>											
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Coordinates (ground)</b>			<b>Height</b>	<b>Input Sound Levels and Criteria</b>				<b>Active</b>
			<b>X</b>	<b>Y</b>	<b>Z</b>	<b>above</b>	<b>Existing</b>	<b>Impact Criteria</b>		<b>NR</b>	<b>in</b>
						<b>Ground</b>	<b>LAeq1h</b>	<b>LAeq1h</b>	<b>Sub'l</b>	<b>Goal</b>	<b>Calc.</b>
			ft	ft	ft	ft	dBA	dBA	dB	dB	
30ft from centerline	1	1	250.0	30.0	0.00	4.92	0.00	71	5.0	0.0	Y
35ft from centerline	10	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y
40ft from centerline	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y
45ft from centerline	12	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y
75ft from travel lane	13	1	250.0	75.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**

District NoHo

<b>Eyestone Environmental</b>												
<b>Sean Bui</b>												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>	<b>Type</b>		<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
30ft from centerline	1	1	0.0	59.2	71	59.2	5	----	59.2	0.0	0	0.0
35ft from centerline	10	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
40ft from centerline	11	1	0.0	57.8	66	57.8	10	----	57.8	0.0	8	-8.0
45ft from centerline	12	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
75ft from travel lane	13	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		5	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							



**Project: District NoHo**  
**Concurrent Construction (Phase 2) and Operation (Phase 1) Noise Calculations**

Rec.	Estimated Noise Levels, dBA				NR provided by Project buildings, dBA				NR provided by Mitigation Measures, dBA			
	Block 1	Block 2	Block 3	Block 4	Block 1	Block 2	Block 3	Block 4	Block 1	Block 2	Block 3	Block 4
R1	74.5	83.1	80.4	72.2	0	0	0	0	8	15	15	6
R2	68	72.8	82.2	84.2	10	10	0	0	5	0	15	15
R3	68.8	70.1	70.5	81.6	10	10	10	0	0	0	0	13
R4	62	64	61.8	50.8	0	0	0	0	0	0	0	0
R5	81.9	71	66.8	66.7	0	0	0	5	9	0	0	5
R6	56.9	53.4	51.6	51.4	0	0	0	0	0	0	0	0
R7	67.9	65	52.6	63.1	0	0	0	10	0	0	0	0
R8	59.1	62.1	60.7	60.9	0	0	5	5	0	0	0	0
R9	66.2	60.6	55	57.9	10	0	0	0	0	0	0	0
R10	65.3	64.5	58.6	55.9	10	5	5	0	0	0	0	0
R11	60.5	58.8	57.6	54	0	5	5	0	0	0	0	0
R12	64.5	54.1	54.3	57.6	0	0	0	0	0	0	0	0
R13	52.9	55	57.8	63.7	0	0	0	0	0	0	0	0
R14	57.5	55.6	54.4	59.5	0	0	0	0	0	0	0	0

Rec.	Estimated Phase 2 Construction Noise Levels with additional NR, dBA Leq				
	Block 1	Block 2	Block 3	Block 4	Maximum
R1	66.5	68.1	65.4	66.2	68.1
R2	53	62.8	67.2	69.2	69.2
R3	58.8	60.1	60.5	68.6	68.6
R4	62	64	61.8	50.8	64
R5	72.9	71	66.8	56.7	72.9
R6	56.9	53.4	51.6	51.4	56.9
R7	67.9	65	52.6	53.1	67.9
R8	59.1	62.1	55.7	55.9	62.1
R9	56.2	60.6	55	57.9	60.6
R10	55.3	59.5	53.6	55.9	59.5
R11	60.5	53.8	52.6	54	60.5
R12	64.5	54.1	54.3	57.6	64.5
R13	52.9	55	57.8	63.7	63.7
R13	57.5	55.6	54.4	59.5	59.5

Rec.	Estimated Phase 1 Operation Noise Levels, dBA Leq					Total
	Mechanical	Parking	Loading	People	Speakers	Operation
R1	38	30.9	40.3	42.8	49.2	50.8
R2	35.8	33.6	54.9	42.6	49	56.2
R3	41.8	35.6	44.5	51.5	58	59.1
R4	31.5	35.2	22.1	24.7	34.7	39.1
R5	45.2	34.9	19	49.7	56.2	57.4
R6	39.4	41.4	14.5	32	48.7	49.9
R7	44.5	50.4	16.4	44.7	46.3	53.2
R8	37	43.2	14.5	38	40.9	46.5
R9	34	40.2	61.4	37.6	47.1	61.6
R10	38.3	38.7	30.7	38.1	45.4	47.5
R11	40.2	35.7	19.5	42.2	42.5	46.9
R12	35.1	31.6	14.3	40.5	48.7	49.5
R13	34.5	52.6	35.6	36.5	40.7	53.1
R14	34.4	48	10.9	34	42.9	49.4

Rec.	Composite				Noise	
	Ambient	Construction	Operation	Composite	+ Ambient	Threshold Exceedance
R1	62.1	68.1	50.8	68.2	69.2	67.1 2.1
R2	61.6	69.2	56.2	69.4	70.1	66.6 3.5
R3	64.6	68.6	59.1	69.1	70.4	69.6 0.8
R4	60.4	64	39.1	64	65.6	65.4 0.2
R5	68.3	72.9	57.4	73	74.3	73.3 1
R6	54.6	56.9	49.9	57.7	59.4	59.6 -0.2
R7	67.2	67.9	53.2	68	70.6	72.2 -1.6
R8	62.9	62.1	46.5	62.2	65.6	67.9 -2.3
R9	58.3	60.6	61.6	64.1	65.1	63.3 1.8
R10	57	59.5	47.5	59.8	61.6	62 -0.4
R11	58.2	60.5	46.9	60.7	62.6	63.2 -0.6
R12	68.1	64.5	49.5	64.6	69.7	73.1 -3.4
R13	67	63.7	53.1	64.1	68.8	72 -3.2
R14	61.4	59.5	49.4	59.9	63.7	66.4 -2.7

**Project: District NoHo**

**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 1a: Construction Equipment Vibration Levels (PPV) - Building Damages**

Equipment	Reference Vibration Levels at 25 ft., PPV	Estimated Vibration Levels at nearest off-site building structures (distance in feet), PPV						
		Commercial & Residential, north of Cumpston	4-story Residential building east of Fair Avenue	& Residential building, south side of Chandler	Residential Tower on Lankershim	Commercial on Tujunga	Commercial on Chandler West	Security Trust and Savings Bank Building
		75	10	100	15	50	40	50
Large Bulldozer	0.089	0.017	0.244	0.011	0.156	0.032	0.044	0.032
Caisson Drilling	0.089	0.017	0.244	0.011	0.156	0.032	0.044	0.032
Loaded Trucks	0.076	0.015	0.208	0.010	0.133	0.027	0.038	0.027
Jackhammer	0.035	0.007	0.096	0.004	0.061	0.012	0.017	0.012
Small bulldozer	0.003	0.001	0.008	0.000	0.005	0.001	0.002	0.001
Significance Threshold, PPV		0.3	0.5	0.5	0.5	0.3	0.3	0.12

**Table 1b: Construction Equipment Vibration Levels (PPV) - Building Damages**

Equipment	Reference Vibration Levels at 25 ft., PPV	Estimated Vibration Levels at nearest off-site building structures (distance in feet), PPV						
		Angelino Valley Mortuary	US Post Office	Fire Station #60 / Air Raid Siren #210	El Portal Theater	Lankershim Depot		
		75	80	90	55	10		
Large Bulldozer	0.089	0.017	0.016	0.013	0.027	0.244		
Caisson Drilling	0.089	0.017	0.016	0.013	0.027	0.244		
Loaded Trucks	0.076	0.015	0.013	0.011	0.023	0.208		
Jackhammer	0.035	0.007	0.006	0.005	0.011	0.096		
Small bulldozer	0.003	0.001	0.001	0.000	0.001	0.008		
Significance Threshold, PPV		0.12	0.12	0.12	0.12	0.12		

**Table 2a: 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						
		R1	R2	R3	R4	R5	R6	R7
		75	65	100	600	25	340	40
Large Bulldozer	87	73	75	69	46	87	53	81
Caisson Drilling	87	73	75	69	46	87	53	81
Loaded Trucks	86	72	74	68	45	86	52	80
Jackhammer	79	65	67	61	38	79	45	73
Small bulldozer	58	44	46	40	17	58	24	52
Significance Threshold, VdB		72	72	72	75	72	72	72

**Table 2b: 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						
		R8	R9	R10	R11	R12	R13	THV
		235	60	135	300	310	10	50
Large Bulldozer	87	58	76	65	55	54	96	78
Caisson Drilling	87	58	76	65	55	54	96	78
Loaded Trucks	86	57	75	64	54	53	95	77
Jackhammer	79	50	68	57	47	46	88	70
Small bulldozer	58	29	47	36	26	25	67	49
Significance Threshold, VdB		n/a	65	75	72	65	72	72

**OFF-SITE CONSTRUCTION HAUL TRUCKS**

**Table 3: Off-Site Haul Trucks - Building Damage**

Equipment	Reference Vibration Levels at 50 ft., PPV	Estimated Vibration Levels at noted distance in feet, PPV						
		20						
Typical road surface	0.00565	0.022						
Significance Threshold, PPV		0.12						

Ref. Levels based on FTA Figure 7-3 (converted from VdB to PPV)

**Table 4: Off-Site Haul Trucks - Human Annoyance**

Equipment	Reference Vibration Levels at 50 ft., VdB	Estimated Vibration Levels at noted distance in feet, VdB						
		24.0	25.0	30.0				
Typical road surface	63	72.6	72.0	69.7				
Significance Threshold, VdB		72.0	72.0	72.0				

Ref. Levels based on FTA Figure 7-3

# Operation Noise Calculations

## Project Composite Noise Calculations (CNEL)

Project: District NoHo

### Composite noise calculations

Receptor	Ambient	Traffic <sup>a</sup>	Mechanical	Parking	Loading	Outdoor	Transit Center	Project Composite	Ambient + Project	Increase
R1	65.1	59.1	50.0	37.9	39.8	53.0	22.8	60.5	66.4	1.3
R1U	65.1	56.6	56.1	46.8	40.4	63.7	22.6	65.1	68.1	3.0
R2	62.7	53.2	52.4	49.1	56.4	56.1	34.5	61.2	65.0	2.3
R2U	62.7	51.0	55.6	48.9	51.6	58.4	36.6	61.5	65.1	2.4
R3	64.9	63.5	50.4	42.8	47.2	64.1	46.2	67.0	69.1	4.2
R3U	64.9	61.3	53.1	47.8	46.7	65.0	50.5	66.9	69.0	4.1
R4	59.4	54.6	46.0	41.8	21.4	39.5	16.8	55.5	60.9	1.5
R5	69.7	58.0	52.3	41.7	47.2	62.2	50.2	64.2	70.8	1.1
R5U	69.7	53.3	58.1	47.9	46.2	62.1	55.1	64.6	70.9	1.2
R6	59.1	50.3	46.3	48.1	23.9	53.0	38.9	56.2	60.9	1.8
R7	71.5	58.9	51.7	57.1	39.8	53.8	62.4	65.3	72.4	0.9
R7U	71.5	54.6	56.8	56.8	39.6	57.4	62.6	65.6	72.5	1.0
R8	65.7	56.1	44.5	50.0	31.1	48.7	43.7	58.0	66.4	0.7
R9	60.1	61.3	43.4	46.9	57.3	52.4	29.3	63.3	65.0	4.9
R10	56.7	56.9	45.2	45.4	28.2	50.4	41.7	58.4	60.6	3.9
R11	62.5	63.6	48.1	42.4	21.2	49.3	45.0	64.0	66.3	3.8
R11U	62.5	61.0	49.9	45.4	21.5	52.6	50.6	62.3	65.4	2.9
R12	68.6	63.5	46.4	38.4	22.9	54.1	35.8	64.1	69.9	1.3
R13	60.6	58.7	38.4	59.3	23.7	46.6	39.1	62.2	64.5	3.9
R13U	60.6	58.3	49.6	61.8	29.4	50.8	38.7	63.8	65.5	4.9
R14	64.1	50.1	42.7	54.7	32.1	49.2	37.4	57.0	64.9	0.8

<sup>a</sup> - Project traffic noise levels at each receptor is based on the traffic noise analysis for the roadway segment in front of the receptor.

Project traffic noise level is equal to "Existing+Project" minus "Existing" traffic noise levels, as provided in the table below.

### Project Only traffic noise calculations

Receptor	Roadway Segment	Traffic Noise Levels, CNEL			distance to roadway, ft	Existing	Existing + Project		barrier	distance to Center Line	adj. for distance
		Existing (A)	Existing + Project (B)	Project Only (B - A)							
R1	Cumpston	66.7	67.4	59.1	10	66.7	67.4		0	25	0.0
R1U	Cumpston	64.1	64.8	56.6	30	66.7	67.4		0	25	-2.6
R2	Fair	63.4	63.8	53.2	10	63.4	63.8		0	30	0.0
R2U	Fair	61.2	61.6	51.0	30	63.4	63.8		0	30	-2.2
R3	Chandler	67.7	69.1	63.5	10	67.7	69.1		0	30	0.0
R3U	Chandler	65.5	66.9	61.3	30	67.7	69.1		0	30	-2.2
R4	Cumpston	64.8	65.2	54.6	10	64.8	65.2		0	25	0.0
R5	Lankershim	68.2	68.6	58.0	10	68.2	68.6		0	45	0.0
R5U	Lankershim	63.4	63.8	53.3	100	68.2	68.6		0	45	-4.8
R6	Tujunga	56.7	57.6	50.3	230	65.3	66.2		0	35	-8.6
R7	Tujunga	65.3	66.2	58.9	10	65.3	66.2		0	35	0.0
R7U	Tujunga	61.0	61.9	54.6	70	65.3	66.2		0	35	-4.3
R8	Chandler	69.4	69.6	56.1	10	69.4	69.6		0	30	0.0
R9	Weddington	60.3	63.8	61.3	20	61.8	65.3		0	25	-1.5
R10	Weddington	56.0	59.5	56.9	80	61.8	65.3		0	25	-5.8
R11	Weddington	61.0	65.5	63.6	10	61.0	65.5		0	25	0.0
R11U	Weddington	58.4	62.9	61.0	30	61.0	65.5		0	25	-2.6
R12	Lankershim	67.7	69.1	63.5	10	67.7	69.1		0	45	0.0
R13	Chandler	62.9	64.3	58.7	70	67.7	69.1		0	30	-4.8
R13U	Chandler	62.5	63.9	58.3	80	67.7	69.1		0	30	-5.2
R14	Chandler	63.4	63.6	50.1	100	69.4	69.6		0	30	-6.0

### For Report

Receptor	Ambient	Traffic <sup>a</sup>	Mechanical	Parking	Loading	Outdoor	Transit Center	Project Composite	Ambient + Project	Increase
R1	65.1	56.6	56.1	46.8	40.4	63.7	22.6	65.1	68.1	3.0
R2	62.7	53.2	52.4	49.1	56.4	56.1	34.5	61.2	65.0	2.3
R3	64.9	63.5	50.4	42.8	47.2	64.1	46.2	67.0	69.1	4.2
R4	59.4	54.6	46.0	41.8	21.4	39.5	16.8	55.5	60.9	1.5
R5	69.7	53.3	58.1	47.9	46.2	62.1	55.1	64.6	70.9	1.2
R6	59.1	50.3	46.3	48.1	23.9	53.0	38.9	56.2	60.9	1.8
R7	71.5	58.9	51.7	57.1	39.8	53.8	62.4	65.3	72.4	1.0
R8	65.7	56.1	44.5	50.0	31.1	48.7	43.7	58.0	66.4	0.7
R9	60.1	61.3	43.4	46.9	57.3	52.4	29.3	63.3	65.0	4.9
R10	56.7	56.9	45.2	45.4	28.2	50.4	41.7	58.4	60.6	3.9
R11	62.5	63.6	48.1	42.4	21.2	49.3	45.0	64.0	66.3	3.8
R12	68.6	63.5	46.4	38.4	22.9	54.1	35.8	64.1	69.9	1.3
R13	60.6	58.7	38.4	59.3	23.7	46.6	39.1	62.2	64.5	4.9
R14	64.1	50.1	42.7	54.7	32.1	49.2	37.4	57.0	64.9	0.8

## Outdoor Mechanical Equipment Noise Calculations

Project: District NoHo

Receptor	Estimated Noise Levels, Leq from SOUNDPLAN		Hours of Operations		
	Leq	CNEL	Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
R1	43.3	50.0	43.3	43.3	43.3
R1U	49.4	56.1	49.4	49.4	49.4
R2	45.7	52.4	45.7	45.7	45.7
R2U	48.9	55.6	48.9	48.9	48.9
R3	43.7	50.4	43.7	43.7	43.7
R3U	46.4	53.1	46.4	46.4	46.4
R4	39.3	46.0	39.3	39.3	39.3
R5	45.6	52.3	45.6	45.6	45.6
R5U	51.4	58.1	51.4	51.4	51.4
R6	39.6	46.3	39.6	39.6	39.6
R7	45.0	51.7	45.0	45.0	45.0
R7U	50.1	56.8	50.1	50.1	50.1
R8	37.8	44.5	37.8	37.8	37.8
R9	36.7	43.4	36.7	36.7	36.7
R10	38.5	45.2	38.5	38.5	38.5
R11	41.4	48.1	41.4	41.4	41.4
R11U	43.2	49.9	43.2	43.2	43.2
R12	39.7	46.4	39.7	39.7	39.7
R13	31.7	38.4	31.7	31.7	31.7
R13U	42.9	49.6	42.9	42.9	42.9
R14	36.0	42.7	36.0	36.0	36.0

U - Represents upper levels

Receptor	Ambient CNEL	Project CNEL	Increase (CNEL)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	65.2	0.1	57.3	57.5	0.2
R1U	65.1	65.6	0.5	57.3	58.0	0.7
R2	62.7	63.1	0.4	56.4	56.8	0.4
R2U	62.7	63.5	0.8	56.4	57.1	0.7
R3	64.9	65.1	0.2	57.8	58.0	0.2
R3U	64.9	65.2	0.3	57.8	58.1	0.3
R4	59.4	59.6	0.2	50.2	50.5	0.3
R5	69.7	69.8	0.1	63.6	63.7	0.1
R5U	69.7	70.0	0.3	63.6	63.9	0.3
R6	59.1	59.3	0.2	54.4	54.5	0.1
R7	71.5	71.5	0.0	63.0	63.1	0.1
R7U	71.5	71.6	0.1	63.0	63.2	0.2
R8	65.7	65.7	0.0	60.5	60.5	0.0
R9	60.1	60.2	0.1	54.4	54.5	0.1
R10	56.7	57.0	0.3	49.0	49.4	0.4
R11	62.5	62.7	0.2	57.7	57.8	0.1
R11U	62.5	62.7	0.2	57.7	57.9	0.2
R12	68.6	68.6	0.0	61.9	61.9	0.0
R13	60.6	60.6	0.0	52.4	52.4	0.0
R13U	60.6	60.9	0.3	52.4	52.9	0.5
R14	64.1	64.1	0.0	58.8	58.8	0.0

U - Represents upper levels

For Report

Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	57.3	49.4	58.0	62.3	0.0	No
R2	56.4	48.9	57.1	61.4	0.0	No
R3	57.8	46.4	58.1	62.8	0.0	No
R4	50.2	39.3	50.5	55.2	0.0	No
R5	63.6	51.4	63.9	68.6	0.0	No
R6	54.4	39.6	54.5	59.4	0.0	No
R7	63.0	50.1	63.2	68.0	0.0	No
R8	60.5	37.8	60.5	65.5	0.0	No
R9	54.4	36.7	54.5	59.4	0.0	No
R10	49.0	38.5	49.4	54.0	0.0	No
R11	57.7	43.2	57.9	62.7	0.0	No
R12	61.9	39.7	61.9	66.9	0.0	No
R13	52.4	42.9	52.9	57.4	0.0	No
R14	58.8	36.0	58.8	63.8	0.0	No

## Parking Structure Noise Calculations

Project: District NoHo

Receptor	Estimated Noise Levels, Leq from SOUNDPLAN		Hours of Operations		
	Leq	CNEL	Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
R1	31.2	37.9	31.2	31.2	31.2
R1U	40.1	46.8	40.1	40.1	40.1
R2	42.4	49.1	42.4	42.4	42.4
R2U	42.2	48.9	42.2	42.2	42.2
R3	36.1	42.8	36.1	36.1	36.1
R3U	41.1	47.8	41.1	41.1	41.1
R4	35.1	41.8	35.1	35.1	35.1
R5	35.0	41.7	35.0	35.0	35.0
R5U	41.2	47.9	41.2	41.2	41.2
R6	41.4	48.1	41.4	41.4	41.4
R7	50.4	57.1	50.4	50.4	50.4
R7U	50.1	56.8	50.1	50.1	50.1
R8	43.3	50.0	43.3	43.3	43.3
R9	40.2	46.9	40.2	40.2	40.2
R10	38.7	45.4	38.7	38.7	38.7
R11	35.7	42.4	35.7	35.7	35.7
R11U	38.7	45.4	38.7	38.7	38.7
R12	31.7	38.4	31.7	31.7	31.7
R13	52.6	59.3	52.6	52.6	52.6
R13U	55.1	61.8	55.1	55.1	55.1
R14	48.0	54.7	48.0	48.0	48.0

U - Represents upper levels

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	65.1	0.0	57.3	57.3	0.0
R1U	65.1	65.2	0.1	57.3	57.4	0.1
R2	62.7	62.9	0.2	56.4	56.6	0.2
R2U	62.7	62.9	0.2	56.4	56.6	0.2
R3	64.9	64.9	0.0	57.8	57.8	0.0
R3U	64.9	65.0	0.1	57.8	57.9	0.1
R4	59.4	59.5	0.1	50.2	50.3	0.1
R5	69.7	69.7	0.0	63.6	63.6	0.0
R5U	69.7	69.7	0.0	63.6	63.6	0.0
R6	59.1	59.4	0.3	54.4	54.6	0.2
R7	71.5	71.7	0.2	63.0	63.2	0.2
R7U	71.5	71.6	0.1	63.0	63.2	0.2
R8	65.7	65.8	0.1	60.5	60.6	0.1
R9	60.1	60.3	0.2	54.4	54.6	0.2
R10	56.7	57.0	0.3	49.0	49.4	0.4
R11	62.5	62.5	0.0	57.7	57.7	0.0
R11U	62.5	62.6	0.1	57.7	57.8	0.1
R12	68.6	68.6	0.0	61.9	61.9	0.0
R13	60.6	63.0	2.4	52.4	55.5	3.1
R13U	60.6	64.2	3.6	52.4	57.0	4.6
R14	64.1	64.6	0.5	58.8	59.1	0.3

U - Represents upper levels

For Report

Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	57.3	40.1	57.4	62.3	0.0	No
R2	56.4	42.4	56.6	61.4	0.0	No
R3	57.8	41.1	57.9	62.8	0.0	No
R4	50.2	35.1	50.3	55.2	0.0	No
R5	63.6	41.2	63.6	68.6	0.0	No
R6	54.4	41.4	54.6	59.4	0.0	No
R7	63.0	50.4	63.2	68.0	0.0	No
R8	60.5	43.3	60.6	65.5	0.0	No
R9	54.4	40.2	54.6	59.4	0.0	No
R10	49.0	38.7	49.4	54.0	0.0	No
R11	57.7	38.7	57.8	62.7	0.0	No
R12	61.9	31.7	61.9	66.9	0.0	No
R13	52.4	55.1	57.0	57.4	0.0	No
R14	58.8	48.0	59.1	63.8	0.0	No

## Loading and Trash Compactor Noise Calculations

Project: District NoHo

Blocks 1, 2, 4, 5/6 and 8			Hours of Operations		
Receptor	Estimated Noise Levels, Leq from SOUNDPLAN		Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
	Leq	CNEL			
R1	42.5	38.4	36.5	40.7	0.0
R1U	43.2	39.1	37.2	41.4	0.0
R2	60.4	56.3	54.4	58.6	0.0
R2U	55.2	51.1	49.2	53.4	0.0
R3	44.6	40.5	38.6	42.8	0.0
R3U	44.8	40.7	38.8	43.0	0.0
R4	23.8	19.9	17.8	22.0	0.0
R5	31.9	27.8	25.9	30.1	0.0
R5U	42.2	38.1	36.2	40.4	0.0
R6	21.5	17.7	15.5	19.7	0.0
R7	26.1	22.1	20.1	24.3	0.0
R7U	34.4	30.3	28.4	32.6	0.0
R8	23.8	19.9	17.8	22.0	0.0
R9	61.4	57.3	55.4	59.6	0.0
R10	31.2	27.1	25.2	29.4	0.0
R11	20.7	16.9	14.7	18.9	0.0
R11U	22.8	18.9	16.8	21.0	0.0
R12	14.8	11.9	8.8	13.0	0.0
R13	26.9	22.9	20.9	25.1	0.0
R13U	33.3	29.2	27.3	31.5	0.0
R14	24.7	20.7	18.7	22.9	0.0

U - Represents upper levels

Block 6 (Retail)			Hours of Operations		
Receptor	Estimated Noise Levels, Leq from SOUNDPLAN		Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
	Leq	CNEL			
R1	35.1	34.3	0.0	0.0	28.6
R1U	35.3	34.5	0.0	0.0	28.8
R2	42.5	41.7	0.0	0.0	36.0
R2U	42.9	42.1	0.0	0.0	36.4
R3	46.9	46.1	0.0	0.0	40.4
R3U	46.3	45.5	0.0	0.0	39.8
R4	16.8	16.1	0.0	0.0	10.3
R5	47.9	47.1	0.0	0.0	41.4
R5U	46.3	45.5	0.0	0.0	39.8
R6	23.5	22.7	0.0	0.0	17.0
R7	40.5	39.7	0.0	0.0	34.0
R7U	39.9	39.1	0.0	0.0	33.4
R8	31.6	30.8	0.0	0.0	25.1
R9	28.0	27.2	0.0	0.0	21.5
R10	22.3	21.5	0.0	0.0	15.8
R11	19.9	19.2	0.0	0.0	13.4
R11U	18.7	18.0	0.0	0.0	12.2
R12	23.3	22.5	0.0	0.0	16.8
R13	16.6	15.9	0.0	0.0	10.1
R13U	16.7	16.0	0.0	0.0	10.2
R14	32.6	31.8	0.0	0.0	26.1

U - Represents upper levels

Receptor	Ambient CNEL	Total Project CNEL	Project (Leq)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	39.8	43.2	62.1	62.2	0.1
R1U	65.1	40.4	43.9	62.1	62.2	0.1
R2	62.7	56.4	60.5	61.6	64.1	2.5
R2U	62.7	51.6	55.4	61.6	62.5	0.9
R3	64.9	47.2	48.9	64.6	64.7	0.1
R3U	64.9	46.7	48.6	64.6	64.7	0.1
R4	59.4	21.4	24.6	60.4	60.4	0.0
R5	69.7	47.2	48.0	68.3	68.3	0.0
R5U	69.7	46.2	47.7	68.3	68.3	0.0
R6	59.1	23.9	25.6	54.6	54.6	0.0
R7	71.5	39.8	40.7	67.2	67.2	0.0
R7U	71.5	39.6	41.0	67.2	67.2	0.0
R8	65.7	31.1	32.3	62.9	62.9	0.0
R9	60.1	57.3	61.4	58.3	63.1	4.8
R10	56.7	28.2	31.7	57.0	57.0	0.0
R11	62.5	21.2	23.3	58.2	58.2	0.0
R11U	62.5	21.5	24.2	58.2	58.2	0.0
R12	68.6	22.9	23.9	68.1	68.1	0.0
R13	60.6	23.7	27.3	61.1	61.1	0.0
R13U	60.6	29.4	33.4	61.1	61.1	0.0
R14	64.1	32.1	33.3	61.4	61.4	0.0

U - Represents upper levels

For Report						
Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	62.1	43.9	62.2	67.1	0.0	No
R2	61.6	60.5	64.1	66.6	0.0	No
R3	64.6	48.9	64.7	69.6	0.0	No
R4	60.4	24.6	60.4	65.4	0.0	No
R5	68.3	48.0	68.3	73.3	0.0	No
R6	54.6	25.6	54.6	59.6	0.0	No
R7	67.2	41.0	67.2	72.2	0.0	No
R8	62.9	32.3	62.9	67.9	0.0	No
R9	58.3	61.4	63.1	63.3	0.0	No
R10	57.0	31.7	57.0	62.0	0.0	No
R11	58.2	24.2	58.2	63.2	0.0	No
R12	68.1	23.9	68.1	73.1	0.0	No
R13	61.1	33.4	61.1	66.1	0.0	No
R14	61.4	33.3	61.4	66.4	0.0	No



## Outdoor Noise Calculations

Project: District NoHo

					Hours of Operations		
Estimated noise levels, Leq (FROM SOUNDPLAN)					Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Sound System	Occupants	Total, Leq	CNEL	12	3	4
R1	48.4	39.6	48.9	53.0	48.9	48.9	45.4
R1U	59.3	47.7	59.6	63.7	59.6	59.6	56.1
R2	51.7	40.3	52.0	56.1	52.0	52.0	48.5
R2U	54.1	40.8	54.3	58.4	54.3	54.3	50.8
R3	59.2	52.1	60.0	64.1	60.0	60.0	56.5
R3U	60.2	52.9	60.9	65.0	60.9	60.9	57.4
R4	34.8	26.2	35.4	39.5	35.4	35.4	31.9
R5	56.6	52.9	58.1	62.2	58.1	58.1	54.6
R5U	56.5	52.5	58.0	62.1	58.0	58.0	54.5
R6	48.8	32.4	48.9	53.0	48.9	48.9	45.4
R7	47.7	45.4	49.7	53.8	49.7	49.7	46.2
R7U	52.4	46.2	53.3	57.4	53.3	53.3	49.8
R8	43.5	38.3	44.6	48.7	44.6	44.6	41.1
R9	47.8	38.4	48.3	52.4	48.3	48.3	44.8
R10	45.5	38.3	46.3	50.4	46.3	46.3	42.8
R11	43.7	39.8	45.2	49.3	45.2	45.2	41.7
R11U	47.1	43.0	48.5	52.6	48.5	48.5	45.0
R12	49.3	41.6	50.0	54.1	50.0	50.0	46.5
R13	41.4	36.1	42.5	46.6	42.5	42.5	39.0
R13U	45.8	39.4	46.7	50.8	46.7	46.7	43.2
R14	44.7	34.8	45.1	49.2	45.1	45.1	41.6

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	65.4	0.3	57.3	48.9	57.9	0.6
R1U	65.1	67.5	2.4	57.3	59.6	61.6	4.3
R2	62.7	63.6	0.9	56.4	52.0	57.7	1.3
R2U	62.7	64.1	1.4	56.4	54.3	58.5	2.1
R3	64.9	67.5	2.6	57.8	60.0	62.0	4.2
R3U	64.9	68.0	3.1	57.8	60.9	62.6	4.8
R4	59.4	59.4	0.0	50.2	35.4	50.3	0.1
R5	69.7	70.4	0.7	63.6	58.1	64.7	1.1
R5U	69.7	70.4	0.7	63.6	58.0	64.7	1.1
R6	59.1	60.1	1.0	54.4	48.9	55.5	1.1
R7	71.5	71.6	0.1	63.0	49.7	63.2	0.2
R7U	71.5	71.7	0.2	63.0	53.3	63.4	0.4
R8	65.7	65.8	0.1	60.5	44.6	60.6	0.1
R9	60.1	60.8	0.7	54.4	48.3	55.4	1.0
R10	56.7	57.6	0.9	49.0	46.3	50.9	1.9
R11	62.5	62.7	0.2	57.7	45.2	57.9	0.2
R11U	62.5	62.9	0.4	57.7	48.5	58.2	0.5
R12	68.6	68.8	0.2	61.9	50.0	62.2	0.3
R13	60.6	60.8	0.2	52.4	42.5	52.8	0.4
R13U	60.6	61.0	0.4	52.4	46.7	53.4	1.0
R14	64.1	64.2	0.1	58.8	45.1	59.0	0.2

U - Represents upper levels

For Report

Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	57.3	59.6	61.6	62.3	0.0	No
R2	56.4	54.3	58.5	61.4	0.0	No
R3	57.8	60.9	62.6	62.8	0.0	No
R4	50.2	35.4	50.3	55.2	0.0	No
R5	63.6	58.1	64.7	68.6	0.0	No
R6	54.4	48.9	55.5	59.4	0.0	No
R7	63.0	53.3	63.4	68.0	0.0	No
R8	60.5	44.6	60.6	65.5	0.0	No
R9	54.4	48.3	55.4	59.4	0.0	No
R10	49.0	46.3	50.9	54.0	0.0	No
R11	57.7	48.5	58.2	62.7	0.0	No
R12	61.9	50.0	62.2	66.9	0.0	No
R13	52.4	46.7	53.4	57.4	0.0	No
R14	58.8	45.1	59.0	63.8	0.0	No

## Outdoor Noise Calculations - Special Event

Project: District NoHo

					Hours of Operations		
Estimated noise levels, Leq (FROM SOUNDPLAN)					Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Sound System	Occupants	Total, Leq	CNEL	0	3	1
R1	16.4	26.3	26.7	25.8	0.0	26.7	17.2
R1U	18.5	26.1	26.8	25.9	0.0	26.8	17.3
R2	28.3	28.3	31.3	30.4	0.0	31.3	21.8
R2U	31.2	26.0	32.3	31.4	0.0	32.3	22.8
R3	59.4	54.5	60.6	59.7	0.0	60.6	51.1
R3U	54.7	54.5	57.6	56.7	0.0	57.6	48.1
R4	12.1	17.3	18.4	17.5	0.0	18.4	8.9
R5	40.7	45.3	46.6	45.7	0.0	46.6	37.1
R5U	40.9	46.3	47.4	46.5	0.0	47.4	37.9
R6	21.5	25.3	26.8	25.9	0.0	26.8	17.3
R7	49.3	40.3	49.8	48.9	0.0	49.8	40.3
R7U	43.6	41.5	45.7	44.8	0.0	45.7	36.2
R8	35.1	33.1	37.2	36.3	0.0	37.2	27.7
R9	43.7	36.3	44.4	43.5	0.0	44.4	34.9
R10	32.1	27.4	33.4	32.5	0.0	33.4	23.9
R11	30.0	26.9	31.7	30.8	0.0	31.7	22.2
R11U	31.2	29.4	33.4	32.5	0.0	33.4	23.9
R12	47.2	37.9	47.7	46.8	0.0	47.7	38.2
R13	31.8	35.2	36.8	35.9	0.0	36.8	27.3
R13U	29.9	38.5	39.1	38.2	0.0	39.1	29.6
R14	43.0	35.2	43.7	42.8	0.0	43.7	34.2

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	65.1	0.0	57.3	26.7	57.3	0.0
R1U	65.1	65.1	0.0	57.3	26.8	57.3	0.0
R2	62.7	62.7	0.0	56.4	31.3	56.4	0.0
R2U	62.7	62.7	0.0	56.4	32.3	56.4	0.0
R3	64.9	66.0	1.1	57.8	60.6	62.4	4.6
R3U	64.9	65.5	0.6	57.8	57.6	60.7	2.9
R4	59.4	59.4	0.0	50.2	18.4	50.2	0.0
R5	69.7	69.7	0.0	63.6	46.6	63.7	0.1
R5U	69.7	69.7	0.0	63.6	47.4	63.7	0.1
R6	59.1	59.1	0.0	54.4	26.8	54.4	0.0
R7	71.5	71.5	0.0	63.0	49.8	63.2	0.2
R7U	71.5	71.5	0.0	63.0	45.7	63.1	0.1
R8	65.7	65.7	0.0	60.5	37.2	60.5	0.0
R9	60.1	60.2	0.1	54.4	44.4	54.8	0.4
R10	56.7	56.7	0.0	49.0	33.4	49.1	0.1
R11	62.5	62.5	0.0	57.7	31.7	57.7	0.0
R11U	62.5	62.5	0.0	57.7	33.4	57.7	0.0
R12	68.6	68.6	0.0	61.9	47.7	62.1	0.2
R13	60.6	60.6	0.0	52.4	36.8	52.5	0.1
R13U	60.6	60.6	0.0	52.4	39.1	52.6	0.2
R14	64.1	64.1	0.0	58.8	43.7	58.9	0.1

U - Represents upper levels

For Report

Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	57.3	26.8	57.3	62.3	0.0	No
R2	56.4	32.3	56.4	61.4	0.0	No
R3	57.8	60.6	62.4	62.8	0.0	No
R4	50.2	18.4	50.2	55.2	0.0	No
R5	63.6	47.4	63.7	68.6	0.0	No
R6	54.4	26.8	54.4	59.4	0.0	No
R7	63.0	45.7	63.1	68.0	0.0	No
R8	60.5	37.2	60.5	65.5	0.0	No
R9	54.4	44.4	54.8	59.4	0.0	No
R10	49.0	33.4	49.1	54.0	0.0	No
R11	57.7	33.4	57.7	62.7	0.0	No
R12	61.9	47.7	62.1	66.9	0.0	No
R13	52.4	39.1	52.6	57.4	0.0	No
R14	58.8	43.7	58.9	63.8	0.0	No

## Transit Center Noise Calculations

Project: District NoHo

			Hours of Operations		
Estimated Noise Levels, from SOUNDPLAN			Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Leq	CNEL			
R1	21.0	22.8			
R1U	20.8	22.6			
R2	31.8	34.5			
R2U	33.7	36.6			
R3	44.0	46.2			
R3U	47.9	50.5			
R4	16.3	16.8			
R5	49.0	50.2			
R5U	53.6	55.1			
R6	36.7	38.9			
R7	59.7	62.4			
R7U	60.1	62.6			
R8	41.9	43.7			
R9	29.1	29.3			
R10	39.6	41.7			
R11	43.8	45.0			
R11U	48.6	50.6			
R12	33.0	35.8			
R13	36.9	39.1			
R13U	36.6	38.7			
R14	36.2	37.4			

U - Represents upper levels

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	65.1	65.1	0.0	57.3	57.3	0.0
R1U	65.1	65.1	0.0	57.3	57.3	0.0
R2	62.7	62.7	0.0	56.4	56.4	0.0
R2U	62.7	62.7	0.0	56.4	56.4	0.0
R3	64.9	65.0	0.1	57.8	58.0	0.2
R3U	64.9	65.1	0.2	57.8	58.2	0.4
R4	59.4	59.4	0.0	50.2	50.2	0.0
R5	69.7	69.7	0.0	63.6	63.7	0.1
R5U	69.7	69.8	0.1	63.6	64.0	0.4
R6	59.1	59.1	0.0	54.4	54.5	0.1
R7	71.5	72.0	0.5	63.0	64.7	1.7
R7U	71.5	72.0	0.5	63.0	64.8	1.8
R8	65.7	65.7	0.0	60.5	60.6	0.1
R9	60.1	60.1	0.0	54.4	54.4	0.0
R10	56.7	56.8	0.1	49.0	49.5	0.5
R11	62.5	62.6	0.1	57.7	57.9	0.2
R11U	62.5	62.8	0.3	57.7	58.2	0.5
R12	68.6	68.6	0.0	61.9	61.9	0.0
R13	60.6	60.6	0.0	52.4	52.5	0.1
R13U	60.6	60.6	0.0	52.4	52.5	0.1
R14	64.1	64.1	0.0	58.8	58.8	0.0

U - Represents upper levels

For Report

Receptor	Ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Significance Criteria (Leq)	Exceedance	Signif. Impact
R1	57.3	21.0	57.3	62.3	0.0	No
R2	56.4	33.7	56.4	61.4	0.0	No
R3	57.8	47.9	58.2	62.8	0.0	No
R4	50.2	16.3	50.2	55.2	0.0	No
R5	63.6	53.6	64.0	68.6	0.0	No
R6	54.4	36.7	54.5	59.4	0.0	No
R7	63.0	60.1	64.8	68.0	0.0	No
R8	60.5	41.9	60.6	65.5	0.0	No
R9	54.4	29.1	54.4	59.4	0.0	No
R10	49.0	39.6	49.5	54.0	0.0	No
R11	57.7	48.6	58.2	62.7	0.0	No
R12	61.9	33.0	61.9	66.9	0.0	No
R13	52.4	36.9	52.5	57.4	0.0	No
R14	58.8	36.6	58.8	63.8	0.0	No

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# District NoHo

## Source Levels in dB(A) - Mechanical

3

Name	Source type	Lw dB(A)	
Mechanical Block 6	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 43.3 dB(A)			
Mechanical Block 0	Point	2.9	
Mechanical Block 0	Point	3.1	
Mechanical Block 0	Point	3.9	
Mechanical Block 0	Point	4.2	
	Point	4.5	
Mechanical Block 0	Point	12.3	
Mechanical Block 0	Point	12.8	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	23.7	
Mechanical Block 1	Point	23.9	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	23.8	
Mechanical Block 1	Point	24.0	
Mechanical Block 1	Point	9.4	
Mechanical Block 1	Point	9.1	
Mechanical Block 1	Point	9.6	
Mechanical Block 1	Point	10.0	
Mechanical Block 1	Point	9.2	
Mechanical Block 1	Point	9.2	
Mechanical Block 1	Point	9.8	
Mechanical Block 1	Point	9.7	
Mechanical Block 2	Point	22.9	
Mechanical Block 2	Point	22.6	
Mechanical Block 2	Point	26.2	
Mechanical Block 2	Point	26.0	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	18.8	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	18.9	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	20.1	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	20.7	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	23.6	
Mechanical Block 2	Point	23.1	
Mechanical Block 2	Point	26.5	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	26.0	
Mechanical Block 3	Point	33.5	
Mechanical Block 3	Point	31.0	
Mechanical Block 3	Point	32.7	
Mechanical Block 3	Point	28.3	
Mechanical Block 3	Point	31.2	
Mechanical Block 3	Point	26.9	
Mechanical Block 3	Point	23.9	
Mechanical Block 3	Point	26.5	
Mechanical Block 3	Point	31.9	
Mechanical Block 3	Point	27.7	
Mechanical Block 3	Point	31.4	
Mechanical Block 3	Point	27.2	
Mechanical Block 3	Point	20.5	
Mechanical Block 3	Point	19.8	
Mechanical Block 3	Point	20.4	
Mechanical Block 3	Point	19.5	
Mechanical Block 3	Point	22.1	
Mechanical Block 3	Point	21.7	
Mechanical Block 3	Point	21.0	
Mechanical Block 3	Point	20.7	
Mechanical Block 3	Point	28.9	
Mechanical Block 3	Point	28.4	
Mechanical Block 4 Roof	Point	16.3	
Mechanical Block 4 Roof	Point	16.9	
Mechanical Block 4 Roof	Point	17.7	
Mechanical Block 4 Roof	Point	19.5	
Mechanical Block 4 Roof	Point	18.5	
Mechanical Block 4 Roof	Point	18.2	
Mechanical Block 4 Roof	Point	16.7	
Mechanical Block 4 Roof	Point	16.5	
Mechanical Block 4 Roof	Point	16.2	
Mechanical Block 4 Roof	Point	14.8	
Mechanical Block 4 Roof	Point	14.4	
Mechanical Block 4 Roof	Point	18.7	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	16.3	
Mechanical Block 56	Point	15.7	
Mechanical Block 56	Point	15.0	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	15.9	
Mechanical Block 56	Point	16.5	
Mechanical Block 56	Point	24.3	
Mechanical Block 6	Point	11.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 6	Point	10.6	
Mechanical Block 6	Point	10.0	
Mechanical Block 6	Point	9.9	
Mechanical Block 7	Point	3.3	
Mechanical Block 7	Point	3.0	
Mechanical Block 7	Point	3.5	
Mechanical Block 7	Point	4.5	
Mechanical Block 7	Point	4.9	
Mechanical Block 7	Point	3.6	
Mechanical Block 7	Point	4.0	
Mechanical Block 7	Point	6.0	
Mechanical Block 8	Point	14.1	
Mechanical Block 8	Point	14.0	
Mechanical Block 8	Point	9.4	
Mechanical Block 8	Point	9.0	
Mechanical Block 8	Point	3.8	
Mechanical Block 8	Point	3.1	
Mechanical Block 8	Point	3.0	
Mechanical Block 8	Point	11.4	
Mechanical Block 8	Point	10.2	
Mechanical Block 8	Point	9.9	
Mechanical Block 8	Point	8.2	
Mechanical Block 8	Point	8.1	
Receiver R1 FI 2.FL Leq,d 49.4 dB(A)			
Mechanical Block 0	Point	2.7	
Mechanical Block 0	Point	2.9	
Mechanical Block 0	Point	3.7	
Mechanical Block 0	Point	3.9	
	Point	4.1	
Mechanical Block 0	Point	17.0	
Mechanical Block 0	Point	17.5	
Mechanical Block 1	Point	20.7	
Mechanical Block 1	Point	20.3	
Mechanical Block 1	Point	24.7	
Mechanical Block 1	Point	25.0	
Mechanical Block 1	Point	20.5	
Mechanical Block 1	Point	20.3	
Mechanical Block 1	Point	24.9	
Mechanical Block 1	Point	25.0	
Mechanical Block 1	Point	11.3	
Mechanical Block 1	Point	10.8	
Mechanical Block 1	Point	11.6	
Mechanical Block 1	Point	12.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	11.1	
Mechanical Block 1	Point	11.2	
Mechanical Block 1	Point	12.2	
Mechanical Block 1	Point	11.9	
Mechanical Block 2	Point	25.1	
Mechanical Block 2	Point	24.9	
Mechanical Block 2	Point	28.8	
Mechanical Block 2	Point	28.6	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	21.5	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	20.8	
Mechanical Block 2	Point	22.5	
Mechanical Block 2	Point	22.3	
Mechanical Block 2	Point	21.6	
Mechanical Block 2	Point	21.4	
Mechanical Block 2	Point	22.5	
Mechanical Block 2	Point	22.3	
Mechanical Block 2	Point	25.8	
Mechanical Block 2	Point	25.2	
Mechanical Block 2	Point	29.5	
Mechanical Block 2	Point	28.5	
Mechanical Block 3	Point	39.3	
Mechanical Block 3	Point	36.0	
Mechanical Block 3	Point	38.5	
Mechanical Block 3	Point	35.3	
Mechanical Block 3	Point	37.3	
Mechanical Block 3	Point	33.9	
Mechanical Block 3	Point	36.6	
Mechanical Block 3	Point	34.3	
Mechanical Block 3	Point	37.8	
Mechanical Block 3	Point	34.6	
Mechanical Block 3	Point	37.1	
Mechanical Block 3	Point	34.1	
Mechanical Block 3	Point	27.8	
Mechanical Block 3	Point	27.0	
Mechanical Block 3	Point	27.8	
Mechanical Block 3	Point	26.8	
Mechanical Block 3	Point	29.1	
Mechanical Block 3	Point	28.7	
Mechanical Block 3	Point	28.0	
Mechanical Block 3	Point	27.6	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	34.9	
Mechanical Block 3	Point	34.2	
Mechanical Block 4 Roof	Point	29.8	
Mechanical Block 4 Roof	Point	30.3	
Mechanical Block 4 Roof	Point	31.1	
Mechanical Block 4 Roof	Point	33.9	
Mechanical Block 4 Roof	Point	31.4	
Mechanical Block 4 Roof	Point	29.2	
Mechanical Block 4 Roof	Point	27.8	
Mechanical Block 4 Roof	Point	27.4	
Mechanical Block 4 Roof	Point	27.0	
Mechanical Block 4 Roof	Point	26.6	
Mechanical Block 4 Roof	Point	26.4	
Mechanical Block 4 Roof	Point	32.3	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	17.3	
Mechanical Block 56	Point	16.8	
Mechanical Block 56	Point	15.4	
Mechanical Block 56	Point	16.3	
Mechanical Block 56	Point	16.9	
Mechanical Block 56	Point	17.7	
Mechanical Block 56	Point	25.7	
Mechanical Block 6	Point	16.0	
Mechanical Block 6	Point	16.0	
Mechanical Block 6	Point	15.0	
Mechanical Block 6	Point	14.9	
Mechanical Block 7	Point	3.6	
Mechanical Block 7	Point	5.3	
Mechanical Block 7	Point	5.5	
Mechanical Block 7	Point	5.6	
Mechanical Block 7	Point	5.7	
Mechanical Block 7	Point	4.0	
Mechanical Block 7	Point	4.4	
Mechanical Block 7	Point	7.3	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	10.6	
Mechanical Block 8	Point	9.9	
Mechanical Block 8	Point	4.7	
Mechanical Block 8	Point	4.6	
Mechanical Block 8	Point	4.2	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	18.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	16.2	
Mechanical Block 8	Point	16.2	
Receiver R2 FI 1.FL Leq,d 45.7 dB(A)			
Mechanical Block 0	Point	3.7	
Mechanical Block 0	Point	3.9	
Mechanical Block 0	Point	4.8	
Mechanical Block 0	Point	5.1	
	Point	5.4	
Mechanical Block 0	Point	9.0	
Mechanical Block 0	Point	9.4	
Mechanical Block 1	Point	20.8	
Mechanical Block 1	Point	20.7	
Mechanical Block 1	Point	24.1	
Mechanical Block 1	Point	24.0	
Mechanical Block 1	Point	21.0	
Mechanical Block 1	Point	20.9	
Mechanical Block 1	Point	24.4	
Mechanical Block 1	Point	24.4	
Mechanical Block 1	Point	21.5	
Mechanical Block 1	Point	21.3	
Mechanical Block 1	Point	25.2	
Mechanical Block 1	Point	25.2	
Mechanical Block 1	Point	21.5	
Mechanical Block 1	Point	24.6	
Mechanical Block 1	Point	25.4	
Mechanical Block 1	Point	25.1	
Mechanical Block 2	Point	25.3	
Mechanical Block 2	Point	25.3	
Mechanical Block 2	Point	28.0	
Mechanical Block 2	Point	28.0	
Mechanical Block 2	Point	22.1	
Mechanical Block 2	Point	22.1	
Mechanical Block 2	Point	23.2	
Mechanical Block 2	Point	23.2	
Mechanical Block 2	Point	23.5	
Mechanical Block 2	Point	23.6	
Mechanical Block 2	Point	25.0	
Mechanical Block 2	Point	25.1	
Mechanical Block 2	Point	21.9	
Mechanical Block 2	Point	21.9	
Mechanical Block 2	Point	22.9	
Mechanical Block 2	Point	23.0	
Mechanical Block 2	Point	23.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	23.6	
Mechanical Block 2	Point	25.8	
Mechanical Block 2	Point	26.1	
Mechanical Block 3	Point	22.8	
Mechanical Block 3	Point	23.3	
Mechanical Block 3	Point	23.2	
Mechanical Block 3	Point	23.9	
Mechanical Block 3	Point	27.1	
Mechanical Block 3	Point	26.8	
Mechanical Block 3	Point	31.5	
Mechanical Block 3	Point	30.9	
Mechanical Block 3	Point	25.1	
Mechanical Block 3	Point	24.6	
Mechanical Block 3	Point	27.0	
Mechanical Block 3	Point	25.9	
Mechanical Block 3	Point	30.6	
Mechanical Block 3	Point	32.0	
Mechanical Block 3	Point	32.9	
Mechanical Block 3	Point	35.4	
Mechanical Block 3	Point	27.0	
Mechanical Block 3	Point	31.0	
Mechanical Block 3	Point	27.4	
Mechanical Block 3	Point	31.4	
Mechanical Block 3	Point	23.8	
Mechanical Block 3	Point	26.4	
Mechanical Block 4 Roof	Point	24.0	
Mechanical Block 4 Roof	Point	24.2	
Mechanical Block 4 Roof	Point	24.9	
Mechanical Block 4 Roof	Point	26.5	
Mechanical Block 4 Roof	Point	26.8	
Mechanical Block 4 Roof	Point	28.4	
Mechanical Block 4 Roof	Point	32.4	
Mechanical Block 4 Roof	Point	31.3	
Mechanical Block 4 Roof	Point	30.2	
Mechanical Block 4 Roof	Point	29.2	
Mechanical Block 4 Roof	Point	28.8	
Mechanical Block 4 Roof	Point	24.9	
Mechanical Block 56	Point	22.5	
Mechanical Block 56	Point	22.5	
Mechanical Block 56	Point	22.5	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	18.2	
Mechanical Block 56	Point	18.2	
Mechanical Block 56	Point	18.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 56	Point	18.6	
Mechanical Block 6	Point	9.3	
Mechanical Block 6	Point	9.3	
Mechanical Block 6	Point	9.5	
Mechanical Block 6	Point	9.5	
Mechanical Block 7	Point	14.2	
Mechanical Block 7	Point	4.1	
Mechanical Block 7	Point	4.9	
Mechanical Block 7	Point	5.1	
Mechanical Block 7	Point	10.2	
Mechanical Block 7	Point	12.4	
Mechanical Block 7	Point	14.6	
Mechanical Block 7	Point	16.8	
Mechanical Block 8	Point	9.2	
Mechanical Block 8	Point	8.0	
Mechanical Block 8	Point	7.7	
Mechanical Block 8	Point	8.2	
Mechanical Block 8	Point	6.9	
Mechanical Block 8	Point	7.2	
Mechanical Block 8	Point	7.1	
Mechanical Block 8	Point	9.2	
Mechanical Block 8	Point	9.0	
Mechanical Block 8	Point	8.9	
Mechanical Block 8	Point	8.2	
Mechanical Block 8	Point	7.6	
Receiver R2 FI 2.FL Leq,d 48.9 dB(A)			
Mechanical Block 0	Point	1.8	
Mechanical Block 0	Point	2.0	
Mechanical Block 0	Point	2.8	
Mechanical Block 0	Point	3.0	
	Point	3.2	
Mechanical Block 0	Point	7.4	
Mechanical Block 0	Point	7.2	
Mechanical Block 1	Point	19.3	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	22.7	
Mechanical Block 1	Point	22.7	
Mechanical Block 1	Point	19.5	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	23.0	
Mechanical Block 1	Point	23.0	
Mechanical Block 1	Point	19.9	
Mechanical Block 1	Point	19.8	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	23.9	
Mechanical Block 1	Point	23.9	
Mechanical Block 1	Point	20.1	
Mechanical Block 1	Point	23.4	
Mechanical Block 1	Point	24.6	
Mechanical Block 1	Point	23.8	
Mechanical Block 2	Point	24.2	
Mechanical Block 2	Point	24.3	
Mechanical Block 2	Point	26.8	
Mechanical Block 2	Point	26.9	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	22.3	
Mechanical Block 2	Point	22.4	
Mechanical Block 2	Point	22.7	
Mechanical Block 2	Point	22.8	
Mechanical Block 2	Point	24.1	
Mechanical Block 2	Point	24.2	
Mechanical Block 2	Point	21.1	
Mechanical Block 2	Point	21.1	
Mechanical Block 2	Point	22.1	
Mechanical Block 2	Point	22.1	
Mechanical Block 2	Point	23.9	
Mechanical Block 2	Point	24.0	
Mechanical Block 2	Point	26.3	
Mechanical Block 2	Point	26.4	
Mechanical Block 3	Point	26.7	
Mechanical Block 3	Point	27.2	
Mechanical Block 3	Point	27.4	
Mechanical Block 3	Point	28.1	
Mechanical Block 3	Point	30.4	
Mechanical Block 3	Point	30.8	
Mechanical Block 3	Point	35.1	
Mechanical Block 3	Point	37.1	
Mechanical Block 3	Point	29.1	
Mechanical Block 3	Point	28.5	
Mechanical Block 3	Point	30.0	
Mechanical Block 3	Point	30.1	
Mechanical Block 3	Point	35.0	
Mechanical Block 3	Point	38.1	
Mechanical Block 3	Point	36.0	
Mechanical Block 3	Point	39.0	
Mechanical Block 3	Point	33.2	
Mechanical Block 3	Point	35.7	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	33.7	
Mechanical Block 3	Point	36.5	
Mechanical Block 3	Point	30.4	
Mechanical Block 3	Point	32.0	
Mechanical Block 4 Roof	Point	25.4	
Mechanical Block 4 Roof	Point	25.6	
Mechanical Block 4 Roof	Point	26.5	
Mechanical Block 4 Roof	Point	28.9	
Mechanical Block 4 Roof	Point	29.6	
Mechanical Block 4 Roof	Point	30.7	
Mechanical Block 4 Roof	Point	35.6	
Mechanical Block 4 Roof	Point	34.2	
Mechanical Block 4 Roof	Point	32.9	
Mechanical Block 4 Roof	Point	31.8	
Mechanical Block 4 Roof	Point	31.2	
Mechanical Block 4 Roof	Point	26.8	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.2	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	20.1	
Mechanical Block 6	Point	7.1	
Mechanical Block 6	Point	7.1	
Mechanical Block 6	Point	7.3	
Mechanical Block 6	Point	7.3	
Mechanical Block 7	Point	18.8	
Mechanical Block 7	Point	12.1	
Mechanical Block 7	Point	13.0	
Mechanical Block 7	Point	13.1	
Mechanical Block 7	Point	12.8	
Mechanical Block 7	Point	20.9	
Mechanical Block 7	Point	21.3	
Mechanical Block 7	Point	21.8	
Mechanical Block 8	Point	14.0	
Mechanical Block 8	Point	8.5	
Mechanical Block 8	Point	8.2	
Mechanical Block 8	Point	7.9	
Mechanical Block 8	Point	3.1	
Mechanical Block 8	Point	8.8	
Mechanical Block 8	Point	8.8	
Mechanical Block 8	Point	13.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	13.8	
Mechanical Block 8	Point	13.7	
Mechanical Block 8	Point	11.5	
Mechanical Block 8	Point	10.0	
Receiver R3 FI 1.FL Leq,d 43.7 dB(A)			
Mechanical Block 0	Point	25.0	
Mechanical Block 0	Point	26.5	
Mechanical Block 0	Point	27.1	
Mechanical Block 0	Point	27.2	
	Point	27.1	
Mechanical Block 0	Point	28.7	
Mechanical Block 0	Point	13.6	
Mechanical Block 1	Point	14.3	
Mechanical Block 1	Point	14.2	
Mechanical Block 1	Point	18.3	
Mechanical Block 1	Point	18.3	
Mechanical Block 1	Point	14.5	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	18.6	
Mechanical Block 1	Point	18.6	
Mechanical Block 1	Point	15.1	
Mechanical Block 1	Point	15.8	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	24.1	
Mechanical Block 1	Point	25.0	
Mechanical Block 1	Point	19.6	
Mechanical Block 2	Point	7.4	
Mechanical Block 2	Point	7.6	
Mechanical Block 2	Point	7.8	
Mechanical Block 2	Point	9.2	
Mechanical Block 2	Point	8.2	
Mechanical Block 2	Point	8.5	
Mechanical Block 2	Point	7.8	
Mechanical Block 2	Point	8.1	
Mechanical Block 2	Point	9.1	
Mechanical Block 2	Point	9.9	
Mechanical Block 2	Point	8.9	
Mechanical Block 2	Point	8.7	
Mechanical Block 2	Point	7.1	
Mechanical Block 2	Point	7.3	
Mechanical Block 2	Point	6.9	

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**District NoHo**  
**Assessed contribution level - Mechanical**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	7.1	
Mechanical Block 2	Point	6.4	
Mechanical Block 2	Point	6.6	
Mechanical Block 2	Point	7.1	
Mechanical Block 2	Point	7.3	
Mechanical Block 3	Point	12.3	
Mechanical Block 3	Point	18.3	
Mechanical Block 3	Point	21.7	
Mechanical Block 3	Point	18.6	
Mechanical Block 3	Point	22.5	
Mechanical Block 3	Point	21.9	
Mechanical Block 3	Point	24.5	
Mechanical Block 3	Point	12.8	
Mechanical Block 3	Point	22.0	
Mechanical Block 3	Point	19.7	
Mechanical Block 3	Point	22.2	
Mechanical Block 3	Point	23.2	
Mechanical Block 3	Point	14.8	
Mechanical Block 3	Point	14.8	
Mechanical Block 3	Point	15.2	
Mechanical Block 3	Point	15.2	
Mechanical Block 3	Point	11.5	
Mechanical Block 3	Point	13.7	
Mechanical Block 3	Point	14.2	
Mechanical Block 3	Point	14.2	
Mechanical Block 3	Point	10.7	
Mechanical Block 3	Point	10.6	
Mechanical Block 4 Roof	Point	29.6	
Mechanical Block 4 Roof	Point	27.1	
Mechanical Block 4 Roof	Point	24.7	
Mechanical Block 4 Roof	Point	22.0	
Mechanical Block 4 Roof	Point	22.6	
Mechanical Block 4 Roof	Point	27.0	
Mechanical Block 4 Roof	Point	20.4	
Mechanical Block 4 Roof	Point	22.7	
Mechanical Block 4 Roof	Point	25.7	
Mechanical Block 4 Roof	Point	26.5	
Mechanical Block 4 Roof	Point	29.4	
Mechanical Block 4 Roof	Point	23.1	
Mechanical Block 56	Point	18.8	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	18.3	
Mechanical Block 56	Point	17.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 56	Point	17.6	
Mechanical Block 56	Point	17.3	
Mechanical Block 56	Point	16.0	
Mechanical Block 6	Point	33.0	
Mechanical Block 6	Point	33.5	
Mechanical Block 6	Point	33.2	
Mechanical Block 6	Point	33.6	
Mechanical Block 7	Point	18.6	
Mechanical Block 7	Point	23.8	
Mechanical Block 7	Point	23.9	
Mechanical Block 7	Point	24.2	
Mechanical Block 7	Point	24.6	
Mechanical Block 7	Point	22.5	
Mechanical Block 7	Point	22.7	
Mechanical Block 7	Point	23.2	
Mechanical Block 8	Point	23.3	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	18.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	16.7	
Mechanical Block 8	Point	23.2	
Mechanical Block 8	Point	23.2	
Mechanical Block 8	Point	23.1	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	18.0	
Receiver R3 FI 2.FL Leq,d 46.4 dB(A)			
Mechanical Block 0	Point	26.8	
Mechanical Block 0	Point	27.6	
Mechanical Block 0	Point	28.5	
Mechanical Block 0	Point	28.9	
	Point	29.7	
Mechanical Block 0	Point	32.7	
Mechanical Block 0	Point	27.5	
Mechanical Block 1	Point	15.4	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	15.6	
Mechanical Block 1	Point	15.5	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	19.7	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	16.2	
Mechanical Block 1	Point	17.0	
Mechanical Block 1	Point	20.8	
Mechanical Block 1	Point	20.8	
Mechanical Block 1	Point	20.4	
Mechanical Block 1	Point	25.1	
Mechanical Block 1	Point	26.0	
Mechanical Block 1	Point	20.8	
Mechanical Block 2	Point	6.7	
Mechanical Block 2	Point	6.9	
Mechanical Block 2	Point	7.9	
Mechanical Block 2	Point	8.0	
Mechanical Block 2	Point	8.5	
Mechanical Block 2	Point	8.8	
Mechanical Block 2	Point	8.1	
Mechanical Block 2	Point	8.4	
Mechanical Block 2	Point	9.6	
Mechanical Block 2	Point	10.5	
Mechanical Block 2	Point	9.4	
Mechanical Block 2	Point	8.9	
Mechanical Block 2	Point	7.4	
Mechanical Block 2	Point	7.6	
Mechanical Block 2	Point	7.1	
Mechanical Block 2	Point	7.3	
Mechanical Block 2	Point	6.2	
Mechanical Block 2	Point	6.4	
Mechanical Block 2	Point	7.6	
Mechanical Block 2	Point	7.7	
Mechanical Block 3	Point	17.9	
Mechanical Block 3	Point	23.2	
Mechanical Block 3	Point	24.1	
Mechanical Block 3	Point	23.6	
Mechanical Block 3	Point	25.3	
Mechanical Block 3	Point	26.6	
Mechanical Block 3	Point	27.0	
Mechanical Block 3	Point	18.6	
Mechanical Block 3	Point	24.6	
Mechanical Block 3	Point	24.1	
Mechanical Block 3	Point	25.0	
Mechanical Block 3	Point	26.2	
Mechanical Block 3	Point	20.3	
Mechanical Block 3	Point	20.2	
Mechanical Block 3	Point	20.5	
Mechanical Block 3	Point	20.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	17.1	
Mechanical Block 3	Point	19.9	
Mechanical Block 3	Point	20.1	
Mechanical Block 3	Point	20.0	
Mechanical Block 3	Point	17.0	
Mechanical Block 3	Point	16.5	
Mechanical Block 4 Roof	Point	33.9	
Mechanical Block 4 Roof	Point	32.5	
Mechanical Block 4 Roof	Point	31.0	
Mechanical Block 4 Roof	Point	27.6	
Mechanical Block 4 Roof	Point	29.5	
Mechanical Block 4 Roof	Point	32.0	
Mechanical Block 4 Roof	Point	29.9	
Mechanical Block 4 Roof	Point	30.9	
Mechanical Block 4 Roof	Point	30.9	
Mechanical Block 4 Roof	Point	31.8	
Mechanical Block 4 Roof	Point	34.0	
Mechanical Block 4 Roof	Point	28.5	
Mechanical Block 56	Point	20.0	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	20.5	
Mechanical Block 56	Point	19.7	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	18.4	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	16.6	
Mechanical Block 6	Point	34.2	
Mechanical Block 6	Point	34.3	
Mechanical Block 6	Point	34.4	
Mechanical Block 6	Point	34.5	
Mechanical Block 7	Point	21.2	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	24.0	
Mechanical Block 7	Point	25.0	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	24.2	
Mechanical Block 8	Point	22.4	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.0	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.5	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	15.4	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	18.6	
Mechanical Block 8	Point	16.8	
Receiver R4 FI 1.FL Leq,d 39.3 dB(A)			
Mechanical Block 0	Point	4.2	
Mechanical Block 0	Point	4.2	
Mechanical Block 0	Point	-2.3	
Mechanical Block 0	Point	-2.2	
	Point	-2.1	
Mechanical Block 0	Point	1.2	
Mechanical Block 0	Point	0.7	
Mechanical Block 1	Point	17.3	
Mechanical Block 1	Point	17.3	
Mechanical Block 1	Point	18.3	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	17.4	
Mechanical Block 1	Point	17.4	
Mechanical Block 1	Point	18.5	
Mechanical Block 1	Point	18.5	
Mechanical Block 1	Point	17.6	
Mechanical Block 1	Point	17.6	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	18.2	
Mechanical Block 1	Point	17.7	
Mechanical Block 1	Point	18.0	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	18.9	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	18.7	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	18.7	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	20.5	
Mechanical Block 3	Point	22.4	
Mechanical Block 3	Point	22.8	
Mechanical Block 3	Point	22.9	
Mechanical Block 3	Point	23.3	
Mechanical Block 3	Point	19.4	
Mechanical Block 3	Point	19.6	
Mechanical Block 3	Point	18.3	
Mechanical Block 3	Point	18.4	
Mechanical Block 3	Point	22.3	
Mechanical Block 3	Point	22.6	
Mechanical Block 3	Point	20.3	
Mechanical Block 3	Point	20.6	
Mechanical Block 3	Point	19.2	
Mechanical Block 3	Point	23.5	
Mechanical Block 3	Point	17.9	
Mechanical Block 3	Point	22.7	
Mechanical Block 3	Point	23.8	
Mechanical Block 3	Point	25.7	
Mechanical Block 3	Point	22.0	
Mechanical Block 3	Point	24.9	
Mechanical Block 3	Point	24.6	
Mechanical Block 3	Point	25.7	
Mechanical Block 4 Roof	Point	16.3	
Mechanical Block 4 Roof	Point	16.3	
Mechanical Block 4 Roof	Point	16.4	
Mechanical Block 4 Roof	Point	14.5	
Mechanical Block 4 Roof	Point	15.3	
Mechanical Block 4 Roof	Point	16.0	
Mechanical Block 4 Roof	Point	16.5	
Mechanical Block 4 Roof	Point	16.4	
Mechanical Block 4 Roof	Point	16.3	
Mechanical Block 4 Roof	Point	16.2	
Mechanical Block 4 Roof	Point	16.1	
Mechanical Block 4 Roof	Point	14.8	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 56	Point	18.0	
Mechanical Block 56	Point	18.0	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	18.3	
Mechanical Block 6	Point	-0.6	
Mechanical Block 6	Point	-0.7	
Mechanical Block 6	Point	-0.6	
Mechanical Block 6	Point	-0.6	
Mechanical Block 7	Point	-3.2	
Mechanical Block 7	Point	-4.1	
Mechanical Block 7	Point	-3.9	
Mechanical Block 7	Point	-3.5	
Mechanical Block 7	Point	-3.4	
Mechanical Block 7	Point	-3.1	
Mechanical Block 7	Point	-1.6	
Mechanical Block 7	Point	-2.9	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	10.0	
Mechanical Block 8	Point	9.7	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.4	
Mechanical Block 8	Point	15.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	15.9	
Receiver R5 FI 1.FL Leq,d 45.6 dB(A)			
Mechanical Block 0	Point	32.2	
Mechanical Block 0	Point	32.5	
Mechanical Block 0	Point	35.1	
Mechanical Block 0	Point	35.0	
	Point	35.0	
Mechanical Block 0	Point	33.2	
Mechanical Block 0	Point	31.9	
Mechanical Block 1	Point	16.2	
Mechanical Block 1	Point	15.4	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	15.4	
Mechanical Block 1	Point	15.0	
Mechanical Block 1	Point	14.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	14.0	
Mechanical Block 1	Point	14.1	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	14.3	
Mechanical Block 1	Point	13.5	
Mechanical Block 1	Point	13.6	
Mechanical Block 1	Point	14.2	
Mechanical Block 1	Point	14.5	
Mechanical Block 1	Point	20.7	
Mechanical Block 1	Point	13.4	
Mechanical Block 2	Point	17.0	
Mechanical Block 2	Point	17.0	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	18.0	
Mechanical Block 2	Point	18.1	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	19.7	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	18.7	
Mechanical Block 2	Point	18.8	
Mechanical Block 2	Point	17.9	
Mechanical Block 2	Point	17.9	
Mechanical Block 2	Point	17.0	
Mechanical Block 2	Point	17.0	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	16.5	
Mechanical Block 3	Point	6.4	
Mechanical Block 3	Point	5.8	
Mechanical Block 3	Point	6.4	
Mechanical Block 3	Point	5.7	
Mechanical Block 3	Point	6.6	
Mechanical Block 3	Point	5.8	
Mechanical Block 3	Point	6.7	
Mechanical Block 3	Point	6.0	
Mechanical Block 3	Point	6.4	
Mechanical Block 3	Point	5.6	
Mechanical Block 3	Point	6.5	
Mechanical Block 3	Point	5.7	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	3.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	4.8	
Mechanical Block 3	Point	3.9	
Mechanical Block 3	Point	4.3	
Mechanical Block 3	Point	3.9	
Mechanical Block 3	Point	4.2	
Mechanical Block 3	Point	3.8	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	4.4	
Mechanical Block 4 Roof	Point	4.8	
Mechanical Block 4 Roof	Point	4.9	
Mechanical Block 4 Roof	Point	5.1	
Mechanical Block 4 Roof	Point	5.4	
Mechanical Block 4 Roof	Point	4.7	
Mechanical Block 4 Roof	Point	4.4	
Mechanical Block 4 Roof	Point	4.0	
Mechanical Block 4 Roof	Point	3.6	
Mechanical Block 4 Roof	Point	3.8	
Mechanical Block 4 Roof	Point	3.8	
Mechanical Block 4 Roof	Point	3.8	
Mechanical Block 4 Roof	Point	5.5	
Mechanical Block 56	Point	6.5	
Mechanical Block 56	Point	6.5	
Mechanical Block 56	Point	6.7	
Mechanical Block 56	Point	22.6	
Mechanical Block 56	Point	9.4	
Mechanical Block 56	Point	9.4	
Mechanical Block 56	Point	7.1	
Mechanical Block 56	Point	7.0	
Mechanical Block 6	Point	29.4	
Mechanical Block 6	Point	29.0	
Mechanical Block 6	Point	29.6	
Mechanical Block 6	Point	28.8	
Mechanical Block 7	Point	29.6	
Mechanical Block 7	Point	26.3	
Mechanical Block 7	Point	30.4	
Mechanical Block 7	Point	31.3	
Mechanical Block 7	Point	33.7	
Mechanical Block 7	Point	31.2	
Mechanical Block 7	Point	33.9	
Mechanical Block 7	Point	35.3	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	21.2	
Mechanical Block 8	Point	21.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	15.8	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.3	
Receiver R5 FI 2.FL Leq,d 51.4 dB(A)			
Mechanical Block 0	Point	35.1	
Mechanical Block 0	Point	35.3	
Mechanical Block 0	Point	36.1	
Mechanical Block 0	Point	36.2	
	Point	36.3	
Mechanical Block 0	Point	36.0	
Mechanical Block 0	Point	35.4	
Mechanical Block 1	Point	22.0	
Mechanical Block 1	Point	21.5	
Mechanical Block 1	Point	19.8	
Mechanical Block 1	Point	20.8	
Mechanical Block 1	Point	21.1	
Mechanical Block 1	Point	21.1	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	20.2	
Mechanical Block 1	Point	20.1	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	18.5	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	19.8	
Mechanical Block 1	Point	22.7	
Mechanical Block 1	Point	18.2	
Mechanical Block 2	Point	19.3	
Mechanical Block 2	Point	19.3	
Mechanical Block 2	Point	19.2	
Mechanical Block 2	Point	19.3	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	20.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.7	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.1	
Mechanical Block 2	Point	19.2	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	19.1	
Mechanical Block 3	Point	6.5	
Mechanical Block 3	Point	6.2	
Mechanical Block 3	Point	6.5	
Mechanical Block 3	Point	6.3	
Mechanical Block 3	Point	6.8	
Mechanical Block 3	Point	6.5	
Mechanical Block 3	Point	7.0	
Mechanical Block 3	Point	6.7	
Mechanical Block 3	Point	6.6	
Mechanical Block 3	Point	6.3	
Mechanical Block 3	Point	6.7	
Mechanical Block 3	Point	6.4	
Mechanical Block 3	Point	5.4	
Mechanical Block 3	Point	5.1	
Mechanical Block 3	Point	5.5	
Mechanical Block 3	Point	5.3	
Mechanical Block 3	Point	5.1	
Mechanical Block 3	Point	4.8	
Mechanical Block 3	Point	5.2	
Mechanical Block 3	Point	4.9	
Mechanical Block 3	Point	5.2	
Mechanical Block 3	Point	4.9	
Mechanical Block 4 Roof	Point	4.5	
Mechanical Block 4 Roof	Point	4.6	
Mechanical Block 4 Roof	Point	4.7	
Mechanical Block 4 Roof	Point	4.9	
Mechanical Block 4 Roof	Point	10.7	
Mechanical Block 4 Roof	Point	10.1	
Mechanical Block 4 Roof	Point	9.6	
Mechanical Block 4 Roof	Point	4.1	
Mechanical Block 4 Roof	Point	4.1	
Mechanical Block 4 Roof	Point	4.2	
Mechanical Block 4 Roof	Point	4.4	
Mechanical Block 4 Roof	Point	5.1	
Mechanical Block 56	Point	7.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 56	Point	7.5	
Mechanical Block 56	Point	7.7	
Mechanical Block 56	Point	26.3	
Mechanical Block 56	Point	12.9	
Mechanical Block 56	Point	9.9	
Mechanical Block 56	Point	9.5	
Mechanical Block 56	Point	7.7	
Mechanical Block 6	Point	33.4	
Mechanical Block 6	Point	33.3	
Mechanical Block 6	Point	33.2	
Mechanical Block 6	Point	33.1	
Mechanical Block 7	Point	39.9	
Mechanical Block 7	Point	37.6	
Mechanical Block 7	Point	38.8	
Mechanical Block 7	Point	39.8	
Mechanical Block 7	Point	40.6	
Mechanical Block 7	Point	41.0	
Mechanical Block 7	Point	42.5	
Mechanical Block 7	Point	43.5	
Mechanical Block 8	Point	26.4	
Mechanical Block 8	Point	26.6	
Mechanical Block 8	Point	26.7	
Mechanical Block 8	Point	26.9	
Mechanical Block 8	Point	24.8	
Mechanical Block 8	Point	23.0	
Mechanical Block 8	Point	21.7	
Mechanical Block 8	Point	24.6	
Mechanical Block 8	Point	22.8	
Mechanical Block 8	Point	21.5	
Mechanical Block 8	Point	21.5	
Mechanical Block 8	Point	21.6	
Receiver R6 FI 1.FL Leq,d 39.6 dB(A)			
Mechanical Block 0	Point	26.3	
Mechanical Block 0	Point	26.0	
Mechanical Block 0	Point	24.4	
Mechanical Block 0	Point	24.1	
	Point	15.8	
Mechanical Block 0	Point	23.2	
Mechanical Block 0	Point	17.9	
Mechanical Block 1	Point	15.1	
Mechanical Block 1	Point	14.3	
Mechanical Block 1	Point	12.4	
Mechanical Block 1	Point	13.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	13.6	
Mechanical Block 1	Point	13.4	
Mechanical Block 1	Point	11.7	
Mechanical Block 1	Point	12.0	
Mechanical Block 1	Point	12.1	
Mechanical Block 1	Point	12.0	
Mechanical Block 1	Point	10.6	
Mechanical Block 1	Point	10.8	
Mechanical Block 1	Point	11.5	
Mechanical Block 1	Point	11.3	
Mechanical Block 1	Point	10.2	
Mechanical Block 1	Point	10.3	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	2.0	
Mechanical Block 2	Point	2.0	
Mechanical Block 2	Point	1.8	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	2.2	
Mechanical Block 2	Point	2.0	
Mechanical Block 2	Point	2.0	
Mechanical Block 2	Point	2.3	
Mechanical Block 2	Point	2.7	
Mechanical Block 2	Point	2.2	
Mechanical Block 2	Point	2.6	
Mechanical Block 2	Point	2.2	
Mechanical Block 2	Point	2.2	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	2.5	
Mechanical Block 2	Point	3.1	
Mechanical Block 2	Point	2.3	
Mechanical Block 3	Point	2.6	
Mechanical Block 3	Point	0.7	
Mechanical Block 3	Point	1.6	
Mechanical Block 3	Point	-0.2	
Mechanical Block 3	Point	0.7	
Mechanical Block 3	Point	-0.2	
Mechanical Block 3	Point	1.0	
Mechanical Block 3	Point	0.2	
Mechanical Block 3	Point	0.9	
Mechanical Block 3	Point	-0.5	
Mechanical Block 3	Point	0.7	
Mechanical Block 3	Point	-0.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	-1.3	
Mechanical Block 3	Point	-1.5	
Mechanical Block 3	Point	-1.3	
Mechanical Block 3	Point	-1.5	
Mechanical Block 3	Point	-1.3	
Mechanical Block 3	Point	-1.4	
Mechanical Block 3	Point	-1.4	
Mechanical Block 3	Point	-1.7	
Mechanical Block 3	Point	0.8	
Mechanical Block 3	Point	0.7	
Mechanical Block 4 Roof	Point	-0.4	
Mechanical Block 4 Roof	Point	-0.6	
Mechanical Block 4 Roof	Point	-0.6	
Mechanical Block 4 Roof	Point	0.0	
Mechanical Block 4 Roof	Point	-0.6	
Mechanical Block 4 Roof	Point	-1.2	
Mechanical Block 4 Roof	Point	-1.5	
Mechanical Block 4 Roof	Point	-1.7	
Mechanical Block 4 Roof	Point	-1.6	
Mechanical Block 4 Roof	Point	-1.5	
Mechanical Block 4 Roof	Point	-1.5	
Mechanical Block 4 Roof	Point	-0.4	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	17.7	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	19.4	
Mechanical Block 56	Point	16.6	
Mechanical Block 56	Point	2.6	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	12.7	
Mechanical Block 6	Point	12.6	
Mechanical Block 7	Point	31.7	
Mechanical Block 7	Point	29.5	
Mechanical Block 7	Point	28.8	
Mechanical Block 7	Point	25.8	
Mechanical Block 7	Point	24.9	
Mechanical Block 7	Point	29.1	
Mechanical Block 7	Point	28.1	
Mechanical Block 7	Point	26.3	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	19.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	19.3	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	15.0	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	15.7	
Mechanical Block 8	Point	17.3	
Receiver R7 FI 1.FL Leq,d 45.0 dB(A)			
Mechanical Block 0	Point	37.4	
Mechanical Block 0	Point	36.3	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	31.6	
	Point	31.5	
Mechanical Block 0	Point	27.3	
Mechanical Block 0	Point	27.2	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	20.0	
Mechanical Block 1	Point	16.4	
Mechanical Block 1	Point	16.5	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	20.0	
Mechanical Block 1	Point	16.3	
Mechanical Block 1	Point	16.3	
Mechanical Block 1	Point	19.3	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	16.2	
Mechanical Block 1	Point	16.1	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	20.2	
Mechanical Block 1	Point	17.0	
Mechanical Block 1	Point	16.4	
Mechanical Block 2	Point	3.1	
Mechanical Block 2	Point	3.1	
Mechanical Block 2	Point	3.0	
Mechanical Block 2	Point	3.0	
Mechanical Block 2	Point	22.6	
Mechanical Block 2	Point	22.6	
Mechanical Block 2	Point	21.2	
Mechanical Block 2	Point	21.2	
Mechanical Block 2	Point	21.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	21.2	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.6	
Mechanical Block 2	Point	3.3	
Mechanical Block 2	Point	3.4	
Mechanical Block 2	Point	2.9	
Mechanical Block 2	Point	3.0	
Mechanical Block 2	Point	2.8	
Mechanical Block 2	Point	2.9	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	0.8	
Mechanical Block 3	Point	6.1	
Mechanical Block 3	Point	0.8	
Mechanical Block 3	Point	21.0	
Mechanical Block 3	Point	20.2	
Mechanical Block 3	Point	21.0	
Mechanical Block 3	Point	19.5	
Mechanical Block 3	Point	9.7	
Mechanical Block 3	Point	1.5	
Mechanical Block 3	Point	15.0	
Mechanical Block 3	Point	2.1	
Mechanical Block 3	Point	17.7	
Mechanical Block 3	Point	17.5	
Mechanical Block 3	Point	17.7	
Mechanical Block 3	Point	16.6	
Mechanical Block 3	Point	4.8	
Mechanical Block 3	Point	19.0	
Mechanical Block 3	Point	19.3	
Mechanical Block 3	Point	19.1	
Mechanical Block 3	Point	0.3	
Mechanical Block 3	Point	0.3	
Mechanical Block 4 Roof	Point	1.0	
Mechanical Block 4 Roof	Point	1.0	
Mechanical Block 4 Roof	Point	2.1	
Mechanical Block 4 Roof	Point	0.9	
Mechanical Block 4 Roof	Point	0.5	
Mechanical Block 4 Roof	Point	0.2	
Mechanical Block 4 Roof	Point	0.1	
Mechanical Block 4 Roof	Point	0.3	
Mechanical Block 4 Roof	Point	14.2	
Mechanical Block 4 Roof	Point	13.3	
Mechanical Block 4 Roof	Point	5.6	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 4 Roof	Point	1.9	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	21.1	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	16.4	
Mechanical Block 6	Point	25.0	
Mechanical Block 6	Point	25.1	
Mechanical Block 6	Point	24.9	
Mechanical Block 6	Point	24.9	
Mechanical Block 7	Point	29.8	
Mechanical Block 7	Point	33.5	
Mechanical Block 7	Point	32.1	
Mechanical Block 7	Point	31.8	
Mechanical Block 7	Point	31.7	
Mechanical Block 7	Point	27.4	
Mechanical Block 7	Point	27.0	
Mechanical Block 7	Point	27.1	
Mechanical Block 8	Point	20.6	
Mechanical Block 8	Point	20.7	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	23.0	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	18.8	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	18.9	
Receiver R7 FI 2.FL Leq,d 50.1 dB(A)			
Mechanical Block 0	Point	40.4	
Mechanical Block 0	Point	39.5	
Mechanical Block 0	Point	36.3	
Mechanical Block 0	Point	35.5	
	Point	34.9	
Mechanical Block 0	Point	30.1	
Mechanical Block 0	Point	30.5	
Mechanical Block 1	Point	23.3	
Mechanical Block 1	Point	23.7	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	19.1	
Mechanical Block 1	Point	19.1	
Mechanical Block 1	Point	23.3	
Mechanical Block 1	Point	23.7	
Mechanical Block 1	Point	19.1	
Mechanical Block 1	Point	19.1	
Mechanical Block 1	Point	22.8	
Mechanical Block 1	Point	23.2	
Mechanical Block 1	Point	19.0	
Mechanical Block 1	Point	18.9	
Mechanical Block 1	Point	23.1	
Mechanical Block 1	Point	23.7	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	19.1	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	3.3	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	23.5	
Mechanical Block 2	Point	23.5	
Mechanical Block 2	Point	22.8	
Mechanical Block 2	Point	22.8	
Mechanical Block 2	Point	22.9	
Mechanical Block 2	Point	23.0	
Mechanical Block 2	Point	22.3	
Mechanical Block 2	Point	22.4	
Mechanical Block 2	Point	3.7	
Mechanical Block 2	Point	3.9	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.6	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	3.1	
Mechanical Block 2	Point	3.1	
Mechanical Block 3	Point	5.8	
Mechanical Block 3	Point	6.3	
Mechanical Block 3	Point	7.3	
Mechanical Block 3	Point	8.1	
Mechanical Block 3	Point	22.9	
Mechanical Block 3	Point	21.4	
Mechanical Block 3	Point	23.0	
Mechanical Block 3	Point	20.6	
Mechanical Block 3	Point	11.0	
Mechanical Block 3	Point	12.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	16.2	
Mechanical Block 3	Point	18.2	
Mechanical Block 3	Point	19.6	
Mechanical Block 3	Point	19.4	
Mechanical Block 3	Point	22.0	
Mechanical Block 3	Point	21.6	
Mechanical Block 3	Point	18.3	
Mechanical Block 3	Point	19.5	
Mechanical Block 3	Point	19.8	
Mechanical Block 3	Point	19.6	
Mechanical Block 3	Point	7.9	
Mechanical Block 3	Point	8.7	
Mechanical Block 4 Roof	Point	4.4	
Mechanical Block 4 Roof	Point	3.6	
Mechanical Block 4 Roof	Point	3.5	
Mechanical Block 4 Roof	Point	11.2	
Mechanical Block 4 Roof	Point	8.9	
Mechanical Block 4 Roof	Point	5.2	
Mechanical Block 4 Roof	Point	4.6	
Mechanical Block 4 Roof	Point	3.8	
Mechanical Block 4 Roof	Point	18.1	
Mechanical Block 4 Roof	Point	18.5	
Mechanical Block 4 Roof	Point	19.5	
Mechanical Block 4 Roof	Point	4.9	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	18.6	
Mechanical Block 6	Point	29.3	
Mechanical Block 6	Point	29.3	
Mechanical Block 6	Point	29.1	
Mechanical Block 6	Point	29.1	
Mechanical Block 7	Point	38.4	
Mechanical Block 7	Point	40.3	
Mechanical Block 7	Point	39.4	
Mechanical Block 7	Point	38.6	
Mechanical Block 7	Point	38.0	
Mechanical Block 7	Point	38.0	
Mechanical Block 7	Point	37.5	
Mechanical Block 7	Point	37.1	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 8	Point	18.4	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	23.4	
Mechanical Block 8	Point	23.3	
Mechanical Block 8	Point	24.6	
Mechanical Block 8	Point	24.4	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	16.4	
Mechanical Block 8	Point	16.4	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	19.7	
Receiver R8 FI 1.FL Leq,d 37.8 dB(A)			
Mechanical Block 0	Point	29.2	
Mechanical Block 0	Point	27.4	
Mechanical Block 0	Point	27.2	
Mechanical Block 0	Point	26.1	
	Point	25.7	
Mechanical Block 0	Point	17.3	
Mechanical Block 0	Point	24.3	
Mechanical Block 1	Point	12.8	
Mechanical Block 1	Point	13.5	
Mechanical Block 1	Point	12.2	
Mechanical Block 1	Point	11.7	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	15.2	
Mechanical Block 1	Point	13.3	
Mechanical Block 1	Point	12.7	
Mechanical Block 1	Point	17.5	
Mechanical Block 1	Point	18.6	
Mechanical Block 1	Point	14.9	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	20.6	
Mechanical Block 1	Point	16.0	
Mechanical Block 1	Point	15.5	
Mechanical Block 2	Point	-0.4	
Mechanical Block 2	Point	-0.3	
Mechanical Block 2	Point	-0.4	
Mechanical Block 2	Point	-0.4	
Mechanical Block 2	Point	8.3	
Mechanical Block 2	Point	8.7	
Mechanical Block 2	Point	8.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	8.8	
Mechanical Block 2	Point	9.9	
Mechanical Block 2	Point	10.3	
Mechanical Block 2	Point	9.8	
Mechanical Block 2	Point	10.3	
Mechanical Block 2	Point	-0.1	
Mechanical Block 2	Point	-0.1	
Mechanical Block 2	Point	-0.2	
Mechanical Block 2	Point	-0.1	
Mechanical Block 2	Point	-0.5	
Mechanical Block 2	Point	-0.5	
Mechanical Block 2	Point	-0.6	
Mechanical Block 2	Point	-0.5	
Mechanical Block 3	Point	0.0	
Mechanical Block 3	Point	-2.3	
Mechanical Block 3	Point	1.2	
Mechanical Block 3	Point	-2.2	
Mechanical Block 3	Point	13.7	
Mechanical Block 3	Point	4.8	
Mechanical Block 3	Point	5.0	
Mechanical Block 3	Point	5.0	
Mechanical Block 3	Point	4.2	
Mechanical Block 3	Point	-1.5	
Mechanical Block 3	Point	12.8	
Mechanical Block 3	Point	10.6	
Mechanical Block 3	Point	4.9	
Mechanical Block 3	Point	4.9	
Mechanical Block 3	Point	5.0	
Mechanical Block 3	Point	15.3	
Mechanical Block 3	Point	10.3	
Mechanical Block 3	Point	4.4	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	-2.8	
Mechanical Block 3	Point	-2.9	
Mechanical Block 4 Roof	Point	-1.4	
Mechanical Block 4 Roof	Point	-1.4	
Mechanical Block 4 Roof	Point	0.0	
Mechanical Block 4 Roof	Point	-0.7	
Mechanical Block 4 Roof	Point	-1.5	
Mechanical Block 4 Roof	Point	-1.7	
Mechanical Block 4 Roof	Point	-1.7	
Mechanical Block 4 Roof	Point	-1.6	
Mechanical Block 4 Roof	Point	-1.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 4 Roof	Point	13.6	
Mechanical Block 4 Roof	Point	17.5	
Mechanical Block 4 Roof	Point	-0.3	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	18.9	
Mechanical Block 56	Point	18.9	
Mechanical Block 56	Point	18.8	
Mechanical Block 56	Point	20.7	
Mechanical Block 56	Point	16.5	
Mechanical Block 6	Point	21.2	
Mechanical Block 6	Point	21.2	
Mechanical Block 6	Point	21.0	
Mechanical Block 6	Point	21.1	
Mechanical Block 7	Point	11.8	
Mechanical Block 7	Point	10.2	
Mechanical Block 7	Point	9.8	
Mechanical Block 7	Point	9.6	
Mechanical Block 7	Point	9.6	
Mechanical Block 7	Point	11.2	
Mechanical Block 7	Point	10.6	
Mechanical Block 7	Point	10.4	
Mechanical Block 8	Point	15.3	
Mechanical Block 8	Point	16.7	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	21.4	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	18.4	
Receiver R9 FI 1.FL Leq,d 36.7 dB(A)			
Mechanical Block 0	Point	25.1	
Mechanical Block 0	Point	25.3	
Mechanical Block 0	Point	9.1	
Mechanical Block 0	Point	9.2	
	Point	9.6	
Mechanical Block 0	Point	17.7	
Mechanical Block 0	Point	17.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 1	Point	7.3	
Mechanical Block 1	Point	7.4	
Mechanical Block 1	Point	3.1	
Mechanical Block 1	Point	2.9	
Mechanical Block 1	Point	3.2	
Mechanical Block 1	Point	7.9	
Mechanical Block 1	Point	3.5	
Mechanical Block 1	Point	3.3	
Mechanical Block 1	Point	4.0	
Mechanical Block 1	Point	4.1	
Mechanical Block 1	Point	4.4	
Mechanical Block 1	Point	4.2	
Mechanical Block 1	Point	4.5	
Mechanical Block 1	Point	9.3	
Mechanical Block 1	Point	9.3	
Mechanical Block 1	Point	4.8	
Mechanical Block 2	Point	6.8	
Mechanical Block 2	Point	6.9	
Mechanical Block 2	Point	7.2	
Mechanical Block 2	Point	7.3	
Mechanical Block 2	Point	7.5	
Mechanical Block 2	Point	7.7	
Mechanical Block 2	Point	7.5	
Mechanical Block 2	Point	7.7	
Mechanical Block 2	Point	8.2	
Mechanical Block 2	Point	8.4	
Mechanical Block 2	Point	8.3	
Mechanical Block 2	Point	8.5	
Mechanical Block 2	Point	6.8	
Mechanical Block 2	Point	7.0	
Mechanical Block 2	Point	6.8	
Mechanical Block 2	Point	7.0	
Mechanical Block 2	Point	6.4	
Mechanical Block 2	Point	6.5	
Mechanical Block 2	Point	6.7	
Mechanical Block 2	Point	6.9	
Mechanical Block 3	Point	1.9	
Mechanical Block 3	Point	4.1	
Mechanical Block 3	Point	4.5	
Mechanical Block 3	Point	4.3	
Mechanical Block 3	Point	5.2	
Mechanical Block 3	Point	5.1	
Mechanical Block 3	Point	5.7	
Mechanical Block 3	Point	5.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	4.8	
Mechanical Block 3	Point	4.6	
Mechanical Block 3	Point	5.0	
Mechanical Block 3	Point	4.9	
Mechanical Block 3	Point	11.0	
Mechanical Block 3	Point	13.6	
Mechanical Block 3	Point	13.8	
Mechanical Block 3	Point	13.7	
Mechanical Block 3	Point	4.2	
Mechanical Block 3	Point	4.2	
Mechanical Block 3	Point	4.4	
Mechanical Block 3	Point	10.8	
Mechanical Block 3	Point	3.7	
Mechanical Block 3	Point	3.6	
Mechanical Block 4 Roof	Point	24.0	
Mechanical Block 4 Roof	Point	22.2	
Mechanical Block 4 Roof	Point	21.9	
Mechanical Block 4 Roof	Point	14.8	
Mechanical Block 4 Roof	Point	19.8	
Mechanical Block 4 Roof	Point	20.4	
Mechanical Block 4 Roof	Point	20.6	
Mechanical Block 4 Roof	Point	22.5	
Mechanical Block 4 Roof	Point	23.2	
Mechanical Block 4 Roof	Point	23.9	
Mechanical Block 4 Roof	Point	24.5	
Mechanical Block 4 Roof	Point	7.0	
Mechanical Block 56	Point	15.0	
Mechanical Block 56	Point	15.1	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	19.8	
Mechanical Block 56	Point	19.2	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	10.8	
Mechanical Block 6	Point	16.8	
Mechanical Block 6	Point	21.4	
Mechanical Block 6	Point	16.9	
Mechanical Block 6	Point	21.5	
Mechanical Block 7	Point	5.8	
Mechanical Block 7	Point	5.9	
Mechanical Block 7	Point	4.9	
Mechanical Block 7	Point	5.2	
Mechanical Block 7	Point	6.1	
Mechanical Block 7	Point	6.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 7	Point	6.1	
Mechanical Block 7	Point	6.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	17.5	
Mechanical Block 8	Point	19.2	
Mechanical Block 8	Point	17.5	
Mechanical Block 8	Point	18.7	
Mechanical Block 8	Point	20.2	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.4	
Receiver R10 FI 1.FL Leq,d 38.5 dB(A)			
Mechanical Block 0	Point	26.0	
Mechanical Block 0	Point	26.4	
Mechanical Block 0	Point	28.2	
Mechanical Block 0	Point	30.8	
	Point	30.4	
Mechanical Block 0	Point	10.3	
Mechanical Block 0	Point	7.8	
Mechanical Block 1	Point	9.7	
Mechanical Block 1	Point	10.0	
Mechanical Block 1	Point	2.8	
Mechanical Block 1	Point	8.3	
Mechanical Block 1	Point	7.8	
Mechanical Block 1	Point	7.9	
Mechanical Block 1	Point	3.1	
Mechanical Block 1	Point	2.9	
Mechanical Block 1	Point	8.2	
Mechanical Block 1	Point	8.3	
Mechanical Block 1	Point	3.6	
Mechanical Block 1	Point	3.4	
Mechanical Block 1	Point	8.5	
Mechanical Block 1	Point	8.7	
Mechanical Block 1	Point	8.3	
Mechanical Block 1	Point	3.8	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	2.2	
Mechanical Block 2	Point	2.0	
Mechanical Block 2	Point	2.1	
Mechanical Block 2	Point	3.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	2.9	
Mechanical Block 2	Point	3.0	
Mechanical Block 2	Point	3.3	
Mechanical Block 2	Point	3.4	
Mechanical Block 2	Point	3.2	
Mechanical Block 2	Point	3.3	
Mechanical Block 2	Point	2.6	
Mechanical Block 2	Point	2.7	
Mechanical Block 2	Point	2.4	
Mechanical Block 2	Point	2.5	
Mechanical Block 2	Point	4.7	
Mechanical Block 2	Point	4.7	
Mechanical Block 2	Point	4.4	
Mechanical Block 2	Point	4.5	
Mechanical Block 3	Point	1.0	
Mechanical Block 3	Point	0.4	
Mechanical Block 3	Point	1.2	
Mechanical Block 3	Point	0.5	
Mechanical Block 3	Point	1.9	
Mechanical Block 3	Point	1.2	
Mechanical Block 3	Point	2.2	
Mechanical Block 3	Point	1.4	
Mechanical Block 3	Point	1.5	
Mechanical Block 3	Point	0.8	
Mechanical Block 3	Point	1.7	
Mechanical Block 3	Point	1.0	
Mechanical Block 3	Point	0.8	
Mechanical Block 3	Point	0.6	
Mechanical Block 3	Point	0.9	
Mechanical Block 3	Point	0.9	
Mechanical Block 3	Point	0.4	
Mechanical Block 3	Point	0.2	
Mechanical Block 3	Point	0.6	
Mechanical Block 3	Point	0.3	
Mechanical Block 3	Point	-0.1	
Mechanical Block 3	Point	-0.2	
Mechanical Block 4 Roof	Point	13.2	
Mechanical Block 4 Roof	Point	12.9	
Mechanical Block 4 Roof	Point	3.2	
Mechanical Block 4 Roof	Point	2.6	
Mechanical Block 4 Roof	Point	2.8	
Mechanical Block 4 Roof	Point	6.7	
Mechanical Block 4 Roof	Point	6.3	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 4 Roof	Point	12.5	
Mechanical Block 4 Roof	Point	12.9	
Mechanical Block 4 Roof	Point	13.4	
Mechanical Block 4 Roof	Point	14.0	
Mechanical Block 4 Roof	Point	3.6	
Mechanical Block 56	Point	4.7	
Mechanical Block 56	Point	10.8	
Mechanical Block 56	Point	11.0	
Mechanical Block 56	Point	5.2	
Mechanical Block 56	Point	4.9	
Mechanical Block 56	Point	4.5	
Mechanical Block 56	Point	4.3	
Mechanical Block 56	Point	3.6	
Mechanical Block 6	Point	9.3	
Mechanical Block 6	Point	9.1	
Mechanical Block 6	Point	9.2	
Mechanical Block 6	Point	9.1	
Mechanical Block 7	Point	23.7	
Mechanical Block 7	Point	24.0	
Mechanical Block 7	Point	23.4	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	23.8	
Mechanical Block 7	Point	24.6	
Mechanical Block 7	Point	24.7	
Mechanical Block 7	Point	25.0	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.9	
Mechanical Block 8	Point	16.1	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	18.1	
Mechanical Block 8	Point	20.1	
Mechanical Block 8	Point	16.3	
Mechanical Block 8	Point	17.3	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.8	
Receiver R11 FI 1.FL Leq,d 41.4 dB(A)			
Mechanical Block 0	Point	31.0	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	29.0	
Mechanical Block 0	Point	28.7	
	Point	28.5	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 0	Point	26.3	
Mechanical Block 0	Point	25.2	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	18.8	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	18.5	
Mechanical Block 1	Point	18.9	
Mechanical Block 1	Point	15.4	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	18.8	
Mechanical Block 1	Point	15.4	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	19.7	
Mechanical Block 1	Point	22.0	
Mechanical Block 1	Point	22.4	
Mechanical Block 1	Point	18.6	
Mechanical Block 2	Point	18.3	
Mechanical Block 2	Point	18.4	
Mechanical Block 2	Point	17.8	
Mechanical Block 2	Point	17.8	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	19.6	
Mechanical Block 2	Point	19.7	
Mechanical Block 2	Point	19.8	
Mechanical Block 2	Point	20.8	
Mechanical Block 2	Point	19.8	
Mechanical Block 2	Point	20.7	
Mechanical Block 2	Point	20.6	
Mechanical Block 2	Point	20.7	
Mechanical Block 2	Point	19.4	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	18.2	
Mechanical Block 2	Point	18.3	
Mechanical Block 2	Point	17.7	
Mechanical Block 2	Point	17.8	
Mechanical Block 3	Point	9.9	
Mechanical Block 3	Point	9.6	
Mechanical Block 3	Point	10.0	
Mechanical Block 3	Point	9.2	
Mechanical Block 3	Point	1.7	
Mechanical Block 3	Point	0.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	1.6	
Mechanical Block 3	Point	0.1	
Mechanical Block 3	Point	9.6	
Mechanical Block 3	Point	-0.3	
Mechanical Block 3	Point	1.8	
Mechanical Block 3	Point	-0.2	
Mechanical Block 3	Point	0.3	
Mechanical Block 3	Point	-0.7	
Mechanical Block 3	Point	-0.5	
Mechanical Block 3	Point	-0.6	
Mechanical Block 3	Point	-0.9	
Mechanical Block 3	Point	-0.9	
Mechanical Block 3	Point	-0.8	
Mechanical Block 3	Point	-0.9	
Mechanical Block 3	Point	-1.2	
Mechanical Block 3	Point	-1.1	
Mechanical Block 4 Roof	Point	1.7	
Mechanical Block 4 Roof	Point	1.5	
Mechanical Block 4 Roof	Point	1.3	
Mechanical Block 4 Roof	Point	1.1	
Mechanical Block 4 Roof	Point	0.8	
Mechanical Block 4 Roof	Point	0.6	
Mechanical Block 4 Roof	Point	0.2	
Mechanical Block 4 Roof	Point	8.4	
Mechanical Block 4 Roof	Point	14.9	
Mechanical Block 4 Roof	Point	14.9	
Mechanical Block 4 Roof	Point	18.9	
Mechanical Block 4 Roof	Point	1.4	
Mechanical Block 56	Point	2.5	
Mechanical Block 56	Point	2.5	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	3.9	
Mechanical Block 56	Point	3.8	
Mechanical Block 56	Point	3.8	
Mechanical Block 56	Point	3.9	
Mechanical Block 56	Point	2.7	
Mechanical Block 6	Point	13.8	
Mechanical Block 6	Point	13.8	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	16.8	
Mechanical Block 7	Point	25.7	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	27.5	
Mechanical Block 7	Point	26.4	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 7	Point	26.4	
Mechanical Block 7	Point	26.9	
Mechanical Block 7	Point	27.4	
Mechanical Block 7	Point	26.5	
Mechanical Block 8	Point	14.0	
Mechanical Block 8	Point	14.9	
Mechanical Block 8	Point	16.3	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	19.2	
Mechanical Block 8	Point	19.4	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	16.2	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	16.9	
Receiver R11 FI 2.FL Leq,d 43.2 dB(A)			
Mechanical Block 0	Point	33.1	
Mechanical Block 0	Point	33.3	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	32.6	
	Point	32.2	
Mechanical Block 0	Point	27.4	
Mechanical Block 0	Point	27.3	
Mechanical Block 1	Point	20.3	
Mechanical Block 1	Point	20.6	
Mechanical Block 1	Point	16.9	
Mechanical Block 1	Point	16.8	
Mechanical Block 1	Point	20.3	
Mechanical Block 1	Point	20.7	
Mechanical Block 1	Point	16.9	
Mechanical Block 1	Point	16.8	
Mechanical Block 1	Point	20.2	
Mechanical Block 1	Point	20.6	
Mechanical Block 1	Point	16.9	
Mechanical Block 1	Point	16.8	
Mechanical Block 1	Point	21.3	
Mechanical Block 1	Point	23.1	
Mechanical Block 1	Point	23.5	
Mechanical Block 1	Point	19.5	
Mechanical Block 2	Point	19.4	
Mechanical Block 2	Point	19.5	
Mechanical Block 2	Point	18.9	

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**District NoHo**  
**Assessed contribution level - Mechanical**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	19.0	
Mechanical Block 2	Point	21.6	
Mechanical Block 2	Point	21.7	
Mechanical Block 2	Point	20.7	
Mechanical Block 2	Point	20.7	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	21.6	
Mechanical Block 2	Point	20.8	
Mechanical Block 2	Point	21.5	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	21.4	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	19.3	
Mechanical Block 2	Point	19.4	
Mechanical Block 2	Point	18.9	
Mechanical Block 2	Point	18.9	
Mechanical Block 3	Point	17.4	
Mechanical Block 3	Point	17.3	
Mechanical Block 3	Point	17.4	
Mechanical Block 3	Point	17.0	
Mechanical Block 3	Point	2.2	
Mechanical Block 3	Point	2.0	
Mechanical Block 3	Point	2.1	
Mechanical Block 3	Point	1.9	
Mechanical Block 3	Point	16.9	
Mechanical Block 3	Point	2.3	
Mechanical Block 3	Point	2.4	
Mechanical Block 3	Point	2.1	
Mechanical Block 3	Point	0.5	
Mechanical Block 3	Point	-0.9	
Mechanical Block 3	Point	-0.7	
Mechanical Block 3	Point	-0.8	
Mechanical Block 3	Point	-0.7	
Mechanical Block 3	Point	-0.9	
Mechanical Block 3	Point	-0.6	
Mechanical Block 3	Point	-0.8	
Mechanical Block 3	Point	-0.7	
Mechanical Block 3	Point	-0.9	
Mechanical Block 4 Roof	Point	2.4	
Mechanical Block 4 Roof	Point	2.2	
Mechanical Block 4 Roof	Point	2.1	
Mechanical Block 4 Roof	Point	1.3	
Mechanical Block 4 Roof	Point	0.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 4 Roof	Point	0.6	
Mechanical Block 4 Roof	Point	0.1	
Mechanical Block 4 Roof	Point	18.0	
Mechanical Block 4 Roof	Point	20.3	
Mechanical Block 4 Roof	Point	20.4	
Mechanical Block 4 Roof	Point	20.6	
Mechanical Block 4 Roof	Point	1.5	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	2.7	
Mechanical Block 56	Point	4.4	
Mechanical Block 56	Point	4.4	
Mechanical Block 56	Point	4.5	
Mechanical Block 56	Point	4.6	
Mechanical Block 56	Point	3.2	
Mechanical Block 6	Point	19.9	
Mechanical Block 6	Point	19.7	
Mechanical Block 6	Point	19.7	
Mechanical Block 6	Point	22.1	
Mechanical Block 7	Point	26.2	
Mechanical Block 7	Point	28.6	
Mechanical Block 7	Point	28.3	
Mechanical Block 7	Point	27.3	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	27.2	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	26.8	
Mechanical Block 8	Point	14.7	
Mechanical Block 8	Point	15.9	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	20.5	
Mechanical Block 8	Point	20.7	
Mechanical Block 8	Point	20.9	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	14.9	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	18.1	
Receiver R12 FI 1.FL Leq,d 39.7 dB(A)			
Mechanical Block 0	Point	17.3	
Mechanical Block 0	Point	8.2	
Mechanical Block 0	Point	8.9	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 0	Point	16.2	
	Point	16.5	
Mechanical Block 0	Point	16.7	
Mechanical Block 0	Point	14.4	
Mechanical Block 1	Point	8.5	
Mechanical Block 1	Point	9.1	
Mechanical Block 1	Point	10.0	
Mechanical Block 1	Point	9.3	
Mechanical Block 1	Point	10.5	
Mechanical Block 1	Point	11.4	
Mechanical Block 1	Point	13.0	
Mechanical Block 1	Point	12.7	
Mechanical Block 1	Point	15.8	
Mechanical Block 1	Point	16.2	
Mechanical Block 1	Point	16.4	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	19.2	
Mechanical Block 1	Point	21.8	
Mechanical Block 1	Point	23.2	
Mechanical Block 1	Point	19.0	
Mechanical Block 2	Point	16.1	
Mechanical Block 2	Point	16.4	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	16.8	
Mechanical Block 2	Point	18.3	
Mechanical Block 2	Point	18.7	
Mechanical Block 2	Point	18.2	
Mechanical Block 2	Point	18.7	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	20.4	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	16.8	
Mechanical Block 2	Point	16.5	
Mechanical Block 2	Point	16.8	
Mechanical Block 2	Point	15.5	
Mechanical Block 2	Point	15.7	
Mechanical Block 2	Point	15.9	
Mechanical Block 2	Point	16.0	
Mechanical Block 3	Point	3.3	
Mechanical Block 3	Point	20.6	
Mechanical Block 3	Point	20.7	
Mechanical Block 3	Point	20.8	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	21.7	
Mechanical Block 3	Point	16.2	
Mechanical Block 3	Point	21.9	
Mechanical Block 3	Point	15.5	
Mechanical Block 3	Point	21.2	
Mechanical Block 3	Point	18.2	
Mechanical Block 3	Point	21.4	
Mechanical Block 3	Point	16.9	
Mechanical Block 3	Point	13.9	
Mechanical Block 3	Point	15.8	
Mechanical Block 3	Point	15.6	
Mechanical Block 3	Point	15.5	
Mechanical Block 3	Point	14.2	
Mechanical Block 3	Point	14.2	
Mechanical Block 3	Point	14.1	
Mechanical Block 3	Point	16.0	
Mechanical Block 3	Point	14.2	
Mechanical Block 3	Point	14.2	
Mechanical Block 4 Roof	Point	24.4	
Mechanical Block 4 Roof	Point	23.8	
Mechanical Block 4 Roof	Point	23.1	
Mechanical Block 4 Roof	Point	22.2	
Mechanical Block 4 Roof	Point	22.3	
Mechanical Block 4 Roof	Point	23.0	
Mechanical Block 4 Roof	Point	22.6	
Mechanical Block 4 Roof	Point	23.1	
Mechanical Block 4 Roof	Point	23.3	
Mechanical Block 4 Roof	Point	23.9	
Mechanical Block 4 Roof	Point	24.7	
Mechanical Block 4 Roof	Point	23.1	
Mechanical Block 56	Point	15.2	
Mechanical Block 56	Point	15.7	
Mechanical Block 56	Point	16.5	
Mechanical Block 56	Point	20.6	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	16.0	
Mechanical Block 56	Point	15.4	
Mechanical Block 56	Point	17.8	
Mechanical Block 6	Point	25.5	
Mechanical Block 6	Point	25.5	
Mechanical Block 6	Point	27.0	
Mechanical Block 6	Point	27.0	
Mechanical Block 7	Point	12.9	
Mechanical Block 7	Point	13.6	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 7	Point	13.7	
Mechanical Block 7	Point	14.0	
Mechanical Block 7	Point	14.5	
Mechanical Block 7	Point	13.2	
Mechanical Block 7	Point	15.8	
Mechanical Block 7	Point	16.8	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	14.8	
Mechanical Block 8	Point	13.6	
Mechanical Block 8	Point	13.3	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	15.7	
Mechanical Block 8	Point	18.7	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	17.9	
Mechanical Block 8	Point	19.3	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	18.9	
Receiver R13 FI 1.FL Leq,d 31.7 dB(A)			
Mechanical Block 0	Point	9.9	
Mechanical Block 0	Point	11.5	
Mechanical Block 0	Point	18.7	
Mechanical Block 0	Point	18.8	
	Point	19.0	
Mechanical Block 0	Point	1.3	
Mechanical Block 0	Point	1.5	
Mechanical Block 1	Point	1.5	
Mechanical Block 1	Point	1.6	
Mechanical Block 1	Point	1.7	
Mechanical Block 1	Point	1.6	
Mechanical Block 1	Point	1.7	
Mechanical Block 1	Point	1.8	
Mechanical Block 1	Point	2.0	
Mechanical Block 1	Point	1.9	
Mechanical Block 1	Point	2.2	
Mechanical Block 1	Point	2.3	
Mechanical Block 1	Point	2.4	
Mechanical Block 1	Point	2.3	
Mechanical Block 1	Point	2.5	
Mechanical Block 1	Point	2.7	
Mechanical Block 1	Point	2.8	
Mechanical Block 1	Point	2.6	
Mechanical Block 2	Point	3.6	

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**District NoHo**  
**Assessed contribution level - Mechanical**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	3.6	
Mechanical Block 2	Point	3.7	
Mechanical Block 2	Point	3.7	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.6	
Mechanical Block 2	Point	3.7	
Mechanical Block 2	Point	3.8	
Mechanical Block 2	Point	3.9	
Mechanical Block 2	Point	3.9	
Mechanical Block 2	Point	4.0	
Mechanical Block 2	Point	3.3	
Mechanical Block 2	Point	3.4	
Mechanical Block 2	Point	3.4	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.5	
Mechanical Block 2	Point	3.6	
Mechanical Block 2	Point	3.6	
Mechanical Block 3	Point	5.5	
Mechanical Block 3	Point	5.8	
Mechanical Block 3	Point	5.6	
Mechanical Block 3	Point	5.9	
Mechanical Block 3	Point	6.0	
Mechanical Block 3	Point	6.3	
Mechanical Block 3	Point	6.0	
Mechanical Block 3	Point	6.3	
Mechanical Block 3	Point	5.8	
Mechanical Block 3	Point	6.1	
Mechanical Block 3	Point	5.9	
Mechanical Block 3	Point	6.2	
Mechanical Block 3	Point	7.6	
Mechanical Block 3	Point	12.9	
Mechanical Block 3	Point	7.8	
Mechanical Block 3	Point	13.1	
Mechanical Block 3	Point	7.3	
Mechanical Block 3	Point	12.6	
Mechanical Block 3	Point	7.4	
Mechanical Block 3	Point	12.7	
Mechanical Block 3	Point	6.7	
Mechanical Block 3	Point	7.0	
Mechanical Block 4 Roof	Point	10.4	
Mechanical Block 4 Roof	Point	8.7	
Mechanical Block 4 Roof	Point	8.5	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 4 Roof	Point	8.3	
Mechanical Block 4 Roof	Point	8.6	
Mechanical Block 4 Roof	Point	7.9	
Mechanical Block 4 Roof	Point	8.5	
Mechanical Block 4 Roof	Point	8.7	
Mechanical Block 4 Roof	Point	9.5	
Mechanical Block 4 Roof	Point	12.7	
Mechanical Block 4 Roof	Point	26.5	
Mechanical Block 4 Roof	Point	8.2	
Mechanical Block 56	Point	8.6	
Mechanical Block 56	Point	9.6	
Mechanical Block 56	Point	11.1	
Mechanical Block 56	Point	11.6	
Mechanical Block 56	Point	9.6	
Mechanical Block 56	Point	8.4	
Mechanical Block 56	Point	7.5	
Mechanical Block 56	Point	6.0	
Mechanical Block 6	Point	7.9	
Mechanical Block 6	Point	8.1	
Mechanical Block 6	Point	8.0	
Mechanical Block 6	Point	8.1	
Mechanical Block 7	Point	0.5	
Mechanical Block 7	Point	1.2	
Mechanical Block 7	Point	1.3	
Mechanical Block 7	Point	1.4	
Mechanical Block 7	Point	1.6	
Mechanical Block 7	Point	-0.2	
Mechanical Block 7	Point	10.8	
Mechanical Block 7	Point	11.0	
Mechanical Block 8	Point	18.1	
Mechanical Block 8	Point	13.8	
Mechanical Block 8	Point	11.4	
Mechanical Block 8	Point	9.7	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.4	
Mechanical Block 8	Point	9.2	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	13.0	
Mechanical Block 8	Point	10.9	
Receiver R13 FI 2.FL Leq,d 42.9 dB(A)			
Mechanical Block 0	Point	18.2	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 0	Point	18.6	
Mechanical Block 0	Point	19.2	
Mechanical Block 0	Point	19.7	
	Point	20.7	
Mechanical Block 0	Point	1.4	
Mechanical Block 0	Point	1.7	
Mechanical Block 1	Point	17.9	
Mechanical Block 1	Point	17.9	
Mechanical Block 1	Point	18.8	
Mechanical Block 1	Point	18.7	
Mechanical Block 1	Point	18.0	
Mechanical Block 1	Point	18.0	
Mechanical Block 1	Point	19.0	
Mechanical Block 1	Point	18.9	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	18.4	
Mechanical Block 1	Point	19.4	
Mechanical Block 1	Point	19.3	
Mechanical Block 1	Point	18.5	
Mechanical Block 1	Point	19.5	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	19.5	
Mechanical Block 2	Point	20.9	
Mechanical Block 2	Point	21.0	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	21.3	
Mechanical Block 2	Point	20.0	
Mechanical Block 2	Point	20.1	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	20.5	
Mechanical Block 2	Point	20.6	
Mechanical Block 2	Point	20.6	
Mechanical Block 2	Point	21.1	
Mechanical Block 2	Point	21.2	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	19.9	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	20.3	
Mechanical Block 2	Point	20.8	
Mechanical Block 2	Point	20.8	
Mechanical Block 2	Point	21.1	
Mechanical Block 2	Point	21.2	
Mechanical Block 3	Point	23.7	
Mechanical Block 3	Point	24.0	

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# District NoHo

## Assessed contribution level - Mechanical

9

Source	Source type	Leq,d dB(A)	
Mechanical Block 3	Point	23.9	
Mechanical Block 3	Point	24.1	
Mechanical Block 3	Point	24.3	
Mechanical Block 3	Point	24.8	
Mechanical Block 3	Point	24.5	
Mechanical Block 3	Point	26.0	
Mechanical Block 3	Point	24.1	
Mechanical Block 3	Point	24.3	
Mechanical Block 3	Point	24.2	
Mechanical Block 3	Point	24.5	
Mechanical Block 3	Point	26.0	
Mechanical Block 3	Point	27.2	
Mechanical Block 3	Point	26.2	
Mechanical Block 3	Point	27.4	
Mechanical Block 3	Point	25.5	
Mechanical Block 3	Point	26.6	
Mechanical Block 3	Point	25.7	
Mechanical Block 3	Point	26.8	
Mechanical Block 3	Point	24.9	
Mechanical Block 3	Point	25.1	
Mechanical Block 4 Roof	Point	26.9	
Mechanical Block 4 Roof	Point	26.3	
Mechanical Block 4 Roof	Point	26.7	
Mechanical Block 4 Roof	Point	26.6	
Mechanical Block 4 Roof	Point	27.0	
Mechanical Block 4 Roof	Point	26.3	
Mechanical Block 4 Roof	Point	27.4	
Mechanical Block 4 Roof	Point	27.2	
Mechanical Block 4 Roof	Point	27.2	
Mechanical Block 4 Roof	Point	27.3	
Mechanical Block 4 Roof	Point	27.4	
Mechanical Block 4 Roof	Point	26.5	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.4	
Mechanical Block 6	Point	18.6	
Mechanical Block 6	Point	18.9	
Mechanical Block 6	Point	18.7	
Mechanical Block 6	Point	19.0	

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**District NoHo**  
**Assessed contribution level - Mechanical**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 7	Point	10.3	
Mechanical Block 7	Point	10.2	
Mechanical Block 7	Point	10.4	
Mechanical Block 7	Point	10.7	
Mechanical Block 7	Point	10.9	
Mechanical Block 7	Point	10.5	
Mechanical Block 7	Point	10.7	
Mechanical Block 7	Point	10.9	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	18.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	18.0	

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# District NoHo

## Source Levels in dB(A) - Loading & Trash Compactors

3

Name	Source type	Lw dB(A)	
Loading Block 1	Point	101.9	
Loading Block 1	Point	101.9	
Loading Block 2	Point	101.9	
Loading Block 2	Point	101.9	
Loading Block 4	Point	101.9	
Loading Block 5	Point	101.9	
Loading Block 5	Point	101.9	
Loading Block 8	Point	101.9	
Trash Compactor	Point	77.7	
Trash Compactor Block 2	Point	77.7	
Trash Compactor Block 3	Point	77.7	
Trash Compactor Block 3	Point	77.7	
Trash Compactor Block 4	Point	77.7	
Trash Compactor Block 4	Point	77.7	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 42.5 dB(A)			
Loading Block 1	Point	25.2	
Loading Block 1	Point	23.5	
Loading Block 2	Point	39.0	
Loading Block 2	Point	39.4	
Loading Block 4	Point	24.7	
Loading Block 5	Point	21.3	
Loading Block 5	Point	15.4	
Loading Block 8	Point	15.0	
Trash Compactor	Point	-24.9	
Trash Compactor Block 2	Point	-8.5	
Trash Compactor Block 3	Point	-1.7	
Trash Compactor Block 3	Point	13.8	
Trash Compactor Block 4	Point	-8.6	
Trash Compactor Block 4	Point	5.5	
Receiver R1 FI 2.FL Leq,d 43.2 dB(A)			
Loading Block 1	Point	35.8	
Loading Block 1	Point	34.6	
Loading Block 2	Point	26.9	
Loading Block 2	Point	27.0	
Loading Block 4	Point	38.0	
Loading Block 5	Point	36.0	
Loading Block 5	Point	34.8	
Loading Block 8	Point	14.7	
Trash Compactor	Point	-24.0	
Trash Compactor Block 2	Point		
Trash Compactor Block 3	Point	17.1	
Trash Compactor Block 3	Point	0.0	
Trash Compactor Block 4	Point	-12.6	
Trash Compactor Block 4	Point	15.6	
Receiver R2 FI 1.FL Leq,d 60.4 dB(A)			
Loading Block 1	Point	23.4	
Loading Block 1	Point	23.3	
Loading Block 2	Point	15.8	
Loading Block 2	Point	-0.6	
Loading Block 4	Point	59.9	
Loading Block 5	Point	44.4	
Loading Block 5	Point	49.7	
Loading Block 8	Point	1.6	
Trash Compactor	Point	0.9	
Trash Compactor Block 2	Point	2.0	
Trash Compactor Block 3	Point	-7.7	
Trash Compactor Block 3	Point	-10.0	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Trash Compactor Block 4	Point	20.0	
Trash Compactor Block 4	Point	35.9	
Receiver R2 FI 2.FL Leq,d 55.2 dB(A)			
Loading Block 1	Point	27.1	
Loading Block 1	Point	27.1	
Loading Block 2	Point	26.8	
Loading Block 2	Point	37.0	
Loading Block 4	Point	54.1	
Loading Block 5	Point	46.0	
Loading Block 5	Point	44.2	
Loading Block 8	Point	2.7	
Trash Compactor	Point	9.6	
Trash Compactor Block 2	Point	14.6	
Trash Compactor Block 3	Point	-9.7	
Trash Compactor Block 3	Point	-9.4	
Trash Compactor Block 4	Point	12.5	
Trash Compactor Block 4	Point	36.3	
Receiver R3 FI 1.FL Leq,d 44.6 dB(A)			
Loading Block 1	Point	24.0	
Loading Block 1	Point	9.0	
Loading Block 2	Point	10.7	
Loading Block 2	Point	10.9	
Loading Block 4	Point	25.6	
Loading Block 5	Point	44.4	
Loading Block 5	Point	28.4	
Loading Block 8	Point	7.9	
Trash Compactor	Point	-8.0	
Trash Compactor Block 2	Point	-14.4	
Trash Compactor Block 3	Point	-10.2	
Trash Compactor Block 3	Point	-13.4	
Trash Compactor Block 4	Point	-3.6	
Trash Compactor Block 4	Point	6.1	
Receiver R3 FI 2.FL Leq,d 44.8 dB(A)			
Loading Block 1	Point	34.1	
Loading Block 1	Point	8.7	
Loading Block 2	Point	3.1	
Loading Block 2	Point	3.0	
Loading Block 4	Point	25.6	
Loading Block 5	Point	44.2	
Loading Block 5	Point	29.0	
Loading Block 8	Point	13.3	
Trash Compactor	Point	-7.8	
Trash Compactor Block 2	Point	-21.5	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Trash Compactor Block 3	Point	-9.4	
Trash Compactor Block 3	Point	-12.7	
Trash Compactor Block 4	Point	-9.5	
Trash Compactor Block 4	Point	9.2	
Receiver R4 FI 1.FL Leq,d 23.8 dB(A)			
Loading Block 1	Point	14.0	
Loading Block 1	Point	14.1	
Loading Block 2	Point	15.9	
Loading Block 2	Point	8.6	
Loading Block 4	Point	15.4	
Loading Block 5	Point	17.4	
Loading Block 5	Point	17.3	
Loading Block 8	Point	-5.1	
Trash Compactor	Point	-4.6	
Trash Compactor Block 2	Point	-8.2	
Trash Compactor Block 3	Point	-26.3	
Trash Compactor Block 3	Point	-23.6	
Trash Compactor Block 4	Point	-8.1	
Trash Compactor Block 4	Point	-1.5	
Receiver R5 FI 1.FL Leq,d 31.9 dB(A)			
Loading Block 1	Point	28.3	
Loading Block 1	Point	28.3	
Loading Block 2	Point	3.3	
Loading Block 2	Point	3.2	
Loading Block 4	Point	19.5	
Loading Block 5	Point	12.7	
Loading Block 5	Point	18.3	
Loading Block 8	Point	6.7	
Trash Compactor	Point	9.9	
Trash Compactor Block 2	Point	-20.9	
Trash Compactor Block 3	Point	-24.8	
Trash Compactor Block 3	Point	-25.7	
Trash Compactor Block 4	Point	-6.7	
Trash Compactor Block 4	Point	0.8	
Receiver R5 FI 2.FL Leq,d 42.2 dB(A)			
Loading Block 1	Point	37.8	
Loading Block 1	Point	37.8	
Loading Block 2	Point	3.4	
Loading Block 2	Point	3.3	
Loading Block 4	Point	34.4	
Loading Block 5	Point	29.4	
Loading Block 5	Point	29.6	
Loading Block 8	Point	2.5	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Trash Compactor	Point		
Trash Compactor Block 2	Point	-20.8	
Trash Compactor Block 3	Point	-2.5	
Trash Compactor Block 3	Point		
Trash Compactor Block 4	Point	-8.6	
Trash Compactor Block 4	Point	14.3	
Receiver R6 FI 1.FL Leq,d 21.5 dB(A)			
Loading Block 1	Point	13.7	
Loading Block 1	Point	13.7	
Loading Block 2	Point	11.7	
Loading Block 2	Point	11.7	
Loading Block 4	Point	14.1	
Loading Block 5	Point	12.4	
Loading Block 5	Point	12.4	
Loading Block 8	Point	4.7	
Trash Compactor	Point	1.0	
Trash Compactor Block 2	Point	-12.3	
Trash Compactor Block 3	Point	-30.9	
Trash Compactor Block 3	Point	-31.3	
Trash Compactor Block 4	Point	-13.8	
Trash Compactor Block 4	Point	-9.1	
Receiver R7 FI 1.FL Leq,d 26.1 dB(A)			
Loading Block 1	Point	15.5	
Loading Block 1	Point	23.7	
Loading Block 2	Point	-3.0	
Loading Block 2	Point	-3.1	
Loading Block 4	Point	18.1	
Loading Block 5	Point	14.9	
Loading Block 5	Point	15.1	
Loading Block 8	Point	4.7	
Trash Compactor	Point	2.8	
Trash Compactor Block 2	Point	-27.4	
Trash Compactor Block 3	Point	-29.7	
Trash Compactor Block 3	Point	-30.2	
Trash Compactor Block 4	Point	3.9	
Trash Compactor Block 4	Point	0.0	
Receiver R7 FI 2.FL Leq,d 34.4 dB(A)			
Loading Block 1	Point	15.0	
Loading Block 1	Point	33.2	
Loading Block 2	Point	-3.8	
Loading Block 2	Point	-3.6	
Loading Block 4	Point	26.4	
Loading Block 5	Point	20.1	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Loading Block 5	Point	20.1	
Loading Block 8	Point	5.2	
Trash Compactor	Point	2.4	
Trash Compactor Block 2	Point	-27.3	
Trash Compactor Block 3	Point	-29.8	
Trash Compactor Block 3	Point	-29.9	
Trash Compactor Block 4	Point	5.8	
Trash Compactor Block 4	Point	6.8	
Receiver R8 FI 1.FL Leq,d 23.8 dB(A)			
Loading Block 1	Point	11.3	
Loading Block 1	Point	10.4	
Loading Block 2	Point	-6.9	
Loading Block 2	Point	-6.9	
Loading Block 4	Point	22.4	
Loading Block 5	Point	12.2	
Loading Block 5	Point	12.8	
Loading Block 8	Point	4.3	
Trash Compactor	Point	-7.5	
Trash Compactor Block 2	Point	-31.4	
Trash Compactor Block 3	Point	-32.6	
Trash Compactor Block 3	Point	-32.7	
Trash Compactor Block 4	Point	2.6	
Trash Compactor Block 4	Point	0.5	
Receiver R9 FI 1.FL Leq,d 61.4 dB(A)			
Loading Block 1	Point	5.9	
Loading Block 1	Point	6.6	
Loading Block 2	Point	-2.0	
Loading Block 2	Point	-2.0	
Loading Block 4	Point	18.9	
Loading Block 5	Point	16.6	
Loading Block 5	Point	16.7	
Loading Block 8	Point	61.4	
Trash Compactor	Point	-1.4	
Trash Compactor Block 2	Point	-26.5	
Trash Compactor Block 3	Point	-25.5	
Trash Compactor Block 3	Point	-28.6	
Trash Compactor Block 4	Point	-15.2	
Trash Compactor Block 4	Point	-3.5	
Receiver R10 FI 1.FL Leq,d 31.2 dB(A)			
Loading Block 1	Point	-0.1	
Loading Block 1	Point	0.0	
Loading Block 2	Point	-3.8	
Loading Block 2	Point	-3.8	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Loading Block 4	Point	12.9	
Loading Block 5	Point	17.2	
Loading Block 5	Point	17.3	
Loading Block 8	Point	30.7	
Trash Compactor	Point	0.5	
Trash Compactor Block 2	Point	-28.0	
Trash Compactor Block 3	Point	-24.2	
Trash Compactor Block 3	Point	-29.6	
Trash Compactor Block 4	Point	-21.7	
Trash Compactor Block 4	Point	-8.7	
Receiver R11 FI 1.FL Leq,d 20.7 dB(A)			
Loading Block 1	Point	2.8	
Loading Block 1	Point	3.1	
Loading Block 2	Point	-3.8	
Loading Block 2	Point	-3.8	
Loading Block 4	Point	10.9	
Loading Block 5	Point	12.8	
Loading Block 5	Point	10.7	
Loading Block 8	Point	18.2	
Trash Compactor	Point	2.2	
Trash Compactor Block 2	Point	-28.6	
Trash Compactor Block 3	Point	-21.5	
Trash Compactor Block 3	Point	-30.8	
Trash Compactor Block 4	Point	-5.2	
Trash Compactor Block 4	Point	-10.6	
Receiver R11 FI 2.FL Leq,d 22.8 dB(A)			
Loading Block 1	Point	2.9	
Loading Block 1	Point	3.3	
Loading Block 2	Point	-3.5	
Loading Block 2	Point	-3.6	
Loading Block 4	Point	10.7	
Loading Block 5	Point	12.5	
Loading Block 5	Point	21.8	
Loading Block 8	Point		
Trash Compactor	Point	7.0	
Trash Compactor Block 2	Point	-29.1	
Trash Compactor Block 3	Point	-26.5	
Trash Compactor Block 3	Point	-32.0	
Trash Compactor Block 4	Point	0.3	
Trash Compactor Block 4	Point	-5.9	
Receiver R12 FI 1.FL Leq,d 14.8 dB(A)			
Loading Block 1	Point	-1.3	
Loading Block 1	Point	-1.2	

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# District NoHo

## Assessed contribution level - Loading & Trash Compactors

9

Source	Source type	Leq,d dB(A)	
Loading Block 2	Point	-2.0	
Loading Block 2	Point	-2.0	
Loading Block 4	Point	-1.5	
Loading Block 5	Point	5.9	
Loading Block 5	Point	6.4	
Loading Block 8	Point	12.5	
Trash Compactor	Point	-1.1	
Trash Compactor Block 2	Point	-26.7	
Trash Compactor Block 3	Point	-22.0	
Trash Compactor Block 3	Point	-23.2	
Trash Compactor Block 4	Point	-16.5	
Trash Compactor Block 4	Point	-6.6	
Receiver R13 FI 1.FL Leq,d 26.9 dB(A)			
Loading Block 1	Point	11.0	
Loading Block 1	Point	13.4	
Loading Block 2	Point	-7.7	
Loading Block 2	Point	-7.8	
Loading Block 4	Point	22.7	
Loading Block 5	Point	16.3	
Loading Block 5	Point	23.5	
Loading Block 8	Point	-0.2	
Trash Compactor	Point	-13.0	
Trash Compactor Block 2	Point	-32.1	
Trash Compactor Block 3	Point	-20.3	
Trash Compactor Block 3	Point	-22.3	
Trash Compactor Block 4	Point	-4.5	
Trash Compactor Block 4	Point	7.6	
Receiver R13 FI 2.FL Leq,d 33.3 dB(A)			
Loading Block 1	Point	16.7	
Loading Block 1	Point	19.0	
Loading Block 2	Point	-7.6	
Loading Block 2	Point	-7.6	
Loading Block 4	Point	24.0	
Loading Block 5	Point	25.4	
Loading Block 5	Point	31.4	
Loading Block 8	Point	0.7	
Trash Compactor	Point	5.6	
Trash Compactor Block 2	Point	-32.0	
Trash Compactor Block 3	Point	-22.3	
Trash Compactor Block 3	Point	-22.6	
Trash Compactor Block 4	Point	1.3	
Trash Compactor Block 4	Point	10.7	

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# District NoHo

## Source Levels in dB(A) - Loading Block 6 Retail

Name	Source type	Lw dB(A)	
Loading Retail at Block 6	Point	101.9	
Loading Retail at Block 6	Point	101.9	

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# District NoHo

## Contribution level - Loading Block 6 Retail

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 35.1 dB(A)			
Loading Retail at Block 6	Point	34.5	
Loading Retail at Block 6	Point	26.2	
Receiver R1 FI 2.FL Leq,d 35.3 dB(A)			
Loading Retail at Block 6	Point	34.9	
Loading Retail at Block 6	Point	24.9	
Receiver R2 FI 1.FL Leq,d 42.5 dB(A)			
Loading Retail at Block 6	Point	42.4	
Loading Retail at Block 6	Point	20.4	
Receiver R2 FI 2.FL Leq,d 42.9 dB(A)			
Loading Retail at Block 6	Point	42.9	
Loading Retail at Block 6	Point	17.7	
Receiver R3 FI 1.FL Leq,d 46.9 dB(A)			
Loading Retail at Block 6	Point	25.1	
Loading Retail at Block 6	Point	46.9	
Receiver R3 FI 2.FL Leq,d 46.3 dB(A)			
Loading Retail at Block 6	Point	24.6	
Loading Retail at Block 6	Point	46.3	
Receiver R4 FI 1.FL Leq,d 16.8 dB(A)			
Loading Retail at Block 6	Point	15.9	
Loading Retail at Block 6	Point	9.3	
Receiver R5 FI 1.FL Leq,d 47.9 dB(A)			
Loading Retail at Block 6	Point	32.2	
Loading Retail at Block 6	Point	47.8	
Receiver R5 FI 2.FL Leq,d 46.3 dB(A)			
Loading Retail at Block 6	Point	28.0	
Loading Retail at Block 6	Point	46.2	
Receiver R6 FI 1.FL Leq,d 23.5 dB(A)			
Loading Retail at Block 6	Point	20.3	
Loading Retail at Block 6	Point	20.7	
Receiver R7 FI 1.FL Leq,d 40.5 dB(A)			
Loading Retail at Block 6	Point	22.5	
Loading Retail at Block 6	Point	40.5	
Receiver R7 FI 2.FL Leq,d 39.9 dB(A)			
Loading Retail at Block 6	Point	23.3	
Loading Retail at Block 6	Point	39.8	
Receiver R8 FI 1.FL Leq,d 31.6 dB(A)			
Loading Retail at Block 6	Point	11.2	

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# District NoHo

## Contribution level - Loading Block 6 Retail

Source	Source type	Leq,d dB(A)	
Loading Retail at Block 6	Point	31.5	
Receiver R9 FI 1.FL Leq,d 28.0 dB(A)			
Loading Retail at Block 6	Point	25.2	
Loading Retail at Block 6	Point	24.7	
Receiver R10 FI 1.FL Leq,d 22.3 dB(A)			
Loading Retail at Block 6	Point	21.0	
Loading Retail at Block 6	Point	16.5	
Receiver R11 FI 1.FL Leq,d 19.9 dB(A)			
Loading Retail at Block 6	Point	17.0	
Loading Retail at Block 6	Point	16.7	
Receiver R11 FI 2.FL Leq,d 18.7 dB(A)			
Loading Retail at Block 6	Point	15.0	
Loading Retail at Block 6	Point	16.3	
Receiver R12 FI 1.FL Leq,d 23.3 dB(A)			
Loading Retail at Block 6	Point	21.1	
Loading Retail at Block 6	Point	19.3	
Receiver R13 FI 1.FL Leq,d 16.6 dB(A)			
Loading Retail at Block 6	Point	11.9	
Loading Retail at Block 6	Point	14.8	
Receiver R13 FI 2.FL Leq,d 16.7 dB(A)			
Loading Retail at Block 6	Point	11.4	
Loading Retail at Block 6	Point	15.1	

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# District NoHo

## Input data parking lots - Parking

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Parking lot	PLT	Parking Spaces	
Parking Block 1 Level 3	Housing estate	55	
Parking Block 1 Level 2	Housing estate	55	
Parking Block 2 Level 1	Housing estate	63	
Parking Block 2 Level 2	Housing estate	64	
Parking Block 2 Level 3	Housing estate	64	
Parking Block 4 Level 1	Visitors and staff	46	
Parking Block 4 Level 2	Visitors and staff	53	
Parking Block 7 Level 1	Visitors and staff	25	
Parking Block 8 Level 1	Visitors and staff	36	
Parking Block 8 Level 2	Visitors and staff	73	
Parking Block 8 Level 3	Visitors and staff	116	
Parking Block 8 - Level 4	Visitors and staff	116	
Parking Bock 8 Level 5	Visitors and staff	116	
Parking Bock 8 Level 5	Visitors and staff	116	
Parking East Lot Level 2	Housing estate	235	
Parking East Lot Level 1	Housing estate	200	
Parking West Lot Level 1	Housing estate	113	
Parking West Lot Level 1	Housing estate	14	
Parking West Lot Level 1	Housing estate	6	
Parking West Lot Level 5	Housing estate	131	
Parking West Lot Level 2	Housing estate	127	
Parking West Lot Level 3	Housing estate	127	
Parking West Lot Level 4	Housing estate	127	

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# District NoHo

## Source Levels in dB(A) - Parking

3

Name	Source type	Lw dB(A)	
Parking East Lot Level 1	PLot	96.2	
Parking East Lot Level 2	PLot	97.1	
Parking Block 1 Level 2	PLot	89.1	
Parking Block 1 Level 3	PLot	89.1	
Parking Block 2 Level 1	PLot	89.8	
Parking Block 2 Level 2	PLot	89.9	
Parking Block 2 Level 3	PLot	89.9	
Parking Block 4 Level 1	PLot	88.0	
Parking Block 4 Level 2	PLot	88.9	
Parking Block 7 Level 1	PLot	84.0	
Parking Block 8 - Level 4	PLot	92.7	
Parking Block 8 Level 1	PLot	86.1	
Parking Block 8 Level 2	PLot	90.1	
Parking Block 8 Level 3	PLot	92.7	
Parking Block 8 Level 5	PLot	92.7	
Parking Block 8 Level 5	PLot	92.7	
Parking West Lot Level 1	PLot	75.3	
Parking West Lot Level 1	PLot	80.7	
Parking West Lot Level 1	PLot	93.1	
Parking West Lot Level 2	PLot	93.7	
Parking West Lot Level 3	PLot	93.7	
Parking West Lot Level 4	PLot	93.7	
Parking West Lot Level 5	PLot	93.9	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 31.2 dB(A)			
Parking Block 1 Level 3	PLot	22.6	
Parking Block 1 Level 2	PLot	19.3	
Parking Block 2 Level 1	PLot	26.5	
Parking Block 2 Level 2	PLot	22.3	
Parking Block 2 Level 3	PLot	25.4	
Parking Block 4 Level 1	PLot	4.9	
Parking Block 4 Level 2	PLot	1.6	
Parking Block 7 Level 1	PLot	1.4	
Parking Block 8 Level 1	PLot	-6.8	
Parking Block 8 Level 2	PLot	2.9	
Parking Block 8 Level 3	PLot	7.9	
Parking Block 8 - Level 4	PLot	9.9	
Parking Bock 8 Level 5	PLot	10.5	
Parking Bock 8 Level 5	PLot	11.4	
Parking East Lot Level 2	PLot	13.7	
Parking East Lot Level 1	PLot	12.3	
Parking West Lot Level 1	PLot	2.5	
Parking West Lot Level 1	PLot	-6.2	
Parking West Lot Level 1	PLot	-11.4	
Parking West Lot Level 5	PLot	4.0	
Parking West Lot Level 2	PLot	6.0	
Parking West Lot Level 3	PLot	3.6	
Parking West Lot Level 4	PLot	3.7	
Receiver R1 FI 2.FL Leq,d 40.1 dB(A)			
Parking Block 1 Level 3	PLot	24.8	
Parking Block 1 Level 2	PLot	23.8	
Parking Block 2 Level 1	PLot	23.5	
Parking Block 2 Level 2	PLot	31.9	
Parking Block 2 Level 3	PLot	38.8	
Parking Block 4 Level 1	PLot	4.4	
Parking Block 4 Level 2	PLot	2.0	
Parking Block 7 Level 1	PLot	1.4	
Parking Block 8 Level 1	PLot	-7.2	
Parking Block 8 Level 2	PLot	3.2	
Parking Block 8 Level 3	PLot	14.8	
Parking Block 8 - Level 4	PLot	16.8	
Parking Bock 8 Level 5	PLot	18.7	
Parking Bock 8 Level 5	PLot	21.1	
Parking East Lot Level 2	PLot	18.2	
Parking East Lot Level 1	PLot	15.4	
Parking West Lot Level 1	PLot	3.7	
Parking West Lot Level 1	PLot	-6.2	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 1	PLot	-11.5	
Parking West Lot Level 5	PLot	3.7	
Parking West Lot Level 2	PLot	6.6	
Parking West Lot Level 3	PLot	4.1	
Parking West Lot Level 4	PLot	4.4	
Receiver R2 FI 1.FL Leq,d 42.4 dB(A)			
Parking Block 1 Level 3	PLot	13.0	
Parking Block 1 Level 2	PLot	6.0	
Parking Block 2 Level 1	PLot	17.1	
Parking Block 2 Level 2	PLot	26.4	
Parking Block 2 Level 3	PLot	27.5	
Parking Block 4 Level 1	PLot	39.6	
Parking Block 4 Level 2	PLot	37.9	
Parking Block 7 Level 1	PLot	3.2	
Parking Block 8 Level 1	PLot	-6.2	
Parking Block 8 Level 2	PLot	5.2	
Parking Block 8 Level 3	PLot	6.4	
Parking Block 8 - Level 4	PLot	10.2	
Parking Bock 8 Level 5	PLot	10.3	
Parking Bock 8 Level 5	PLot	11.6	
Parking East Lot Level 2	PLot	27.5	
Parking East Lot Level 1	PLot	27.0	
Parking West Lot Level 1	PLot	11.0	
Parking West Lot Level 1	PLot	-3.1	
Parking West Lot Level 1	PLot	-7.8	
Parking West Lot Level 5	PLot	12.8	
Parking West Lot Level 2	PLot	18.3	
Parking West Lot Level 3	PLot	12.4	
Parking West Lot Level 4	PLot	12.6	
Receiver R2 FI 2.FL Leq,d 42.2 dB(A)			
Parking Block 1 Level 3	PLot	11.4	
Parking Block 1 Level 2	PLot	12.2	
Parking Block 2 Level 1	PLot	16.7	
Parking Block 2 Level 2	PLot	28.1	
Parking Block 2 Level 3	PLot	29.1	
Parking Block 4 Level 1	PLot	31.8	
Parking Block 4 Level 2	PLot	39.4	
Parking Block 7 Level 1	PLot	-0.2	
Parking Block 8 Level 1	PLot	-7.8	
Parking Block 8 Level 2	PLot	3.6	
Parking Block 8 Level 3	PLot	9.5	
Parking Block 8 - Level 4	PLot	10.7	
Parking Bock 8 Level 5	PLot	9.5	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Bock 8 Level 5	PLot	12.3	
Parkiing East Lot Level 2	PLot	35.1	
Parkiing East Lot Level 1	PLot	31.7	
Parking West Lot Level 1	PLot	9.5	
Parking West Lot Level 1	PLot	-3.2	
Parking West Lot Level 1	PLot	-8.3	
Parking West Lot Level 5	PLot	2.2	
Parking West Lot Level 2	PLot	11.6	
Parking West Lot Level 3	PLot	7.4	
Parking West Lot Level 4	PLot	7.6	
Receiver R3 FI 1.FL Leq,d 36.1 dB(A)			
Parking Block 1 Level 3	PLot	11.4	
Parking Block 1 Level 2	PLot	3.5	
Parking Block 2 Level 1	PLot	11.7	
Parking Block 2 Level 2	PLot	19.4	
Parking Block 2 Level 3	PLot	21.4	
Parking Block 4 Level 1	PLot	17.4	
Parking Block 4 Level 2	PLot	18.3	
Parking Block 7 Level 1	PLot	6.2	
Parking Block 8 Level 1	PLot	0.0	
Parking Block 8 Level 2	PLot	12.7	
Parking Block 8 Level 3	PLot	23.5	
Parking Block 8 - Level 4	PLot	26.1	
Parking Bock 8 Level 5	PLot	24.5	
Parking Bock 8 Level 5	PLot	26.9	
Parkiing East Lot Level 2	PLot	28.6	
Parkiing East Lot Level 1	PLot	27.8	
Parking West Lot Level 1	PLot	20.8	
Parking West Lot Level 1	PLot	8.1	
Parking West Lot Level 1	PLot	3.6	
Parking West Lot Level 5	PLot	23.1	
Parking West Lot Level 2	PLot	23.8	
Parking West Lot Level 3	PLot	22.5	
Parking West Lot Level 4	PLot	22.8	
Receiver R3 FI 2.FL Leq,d 41.1 dB(A)			
Parking Block 1 Level 3	PLot	13.7	
Parking Block 1 Level 2	PLot	8.4	
Parking Block 2 Level 1	PLot	11.2	
Parking Block 2 Level 2	PLot	21.6	
Parking Block 2 Level 3	PLot	22.7	
Parking Block 4 Level 1	PLot	13.8	
Parking Block 4 Level 2	PLot	21.1	
Parking Block 7 Level 1	PLot	8.4	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Block 8 Level 1	PLot	9.8	
Parking Block 8 Level 2	PLot	19.7	
Parking Block 8 Level 3	PLot	29.9	
Parking Block 8 - Level 4	PLot	31.1	
Parking Bock 8 Level 5	PLot	28.7	
Parking Bock 8 Level 5	PLot	30.9	
Parkiing East Lot Level 2	PLot	36.0	
Parkiing East Lot Level 1	PLot	34.4	
Parking West Lot Level 1	PLot	23.1	
Parking West Lot Level 1	PLot	9.6	
Parking West Lot Level 1	PLot	7.0	
Parking West Lot Level 5	PLot	23.2	
Parking West Lot Level 2	PLot	24.0	
Parking West Lot Level 3	PLot	24.2	
Parking West Lot Level 4	PLot	23.0	
Receiver R4 FI 1.FL Leq,d 35.1 dB(A)			
Parking Block 1 Level 3	PLot	0.5	
Parking Block 1 Level 2	PLot	-1.6	
Parking Block 2 Level 1	PLot	8.3	
Parking Block 2 Level 2	PLot	8.0	
Parking Block 2 Level 3	PLot	11.6	
Parking Block 4 Level 1	PLot	4.6	
Parking Block 4 Level 2	PLot	7.8	
Parking Block 7 Level 1	PLot	-5.7	
Parking Block 8 Level 1	PLot	-13.8	
Parking Block 8 Level 2	PLot	-2.7	
Parking Block 8 Level 3	PLot	5.5	
Parking Block 8 - Level 4	PLot	8.7	
Parking Bock 8 Level 5	PLot	8.6	
Parking Bock 8 Level 5	PLot	11.4	
Parkiing East Lot Level 2	PLot	32.7	
Parkiing East Lot Level 1	PLot	31.1	
Parking West Lot Level 1	PLot	0.9	
Parking West Lot Level 1	PLot	-12.4	
Parking West Lot Level 1	PLot	-16.2	
Parking West Lot Level 5	PLot	5.9	
Parking West Lot Level 2	PLot	2.8	
Parking West Lot Level 3	PLot	0.9	
Parking West Lot Level 4	PLot	1.4	
Receiver R5 FI 1.FL Leq,d 35.0 dB(A)			
Parking Block 1 Level 3	PLot	14.7	
Parking Block 1 Level 2	PLot	12.1	
Parking Block 2 Level 1	PLot	5.0	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Block 2 Level 2	PLot	10.8	
Parking Block 2 Level 3	PLot	11.8	
Parking Block 4 Level 1	PLot	3.3	
Parking Block 4 Level 2	PLot	0.3	
Parking Block 7 Level 1	PLot	29.1	
Parking Block 8 Level 1	PLot	15.2	
Parking Block 8 Level 2	PLot	11.0	
Parking Block 8 Level 3	PLot	25.2	
Parking Block 8 - Level 4	PLot	26.7	
Parking Bock 8 Level 5	PLot	26.2	
Parking Bock 8 Level 5	PLot	26.7	
Parkiing East Lot Level 2	PLot	7.1	
Parkiing East Lot Level 1	PLot	7.2	
Parking West Lot Level 1	PLot	17.9	
Parking West Lot Level 1	PLot	6.4	
Parking West Lot Level 1	PLot	1.8	
Parking West Lot Level 5	PLot	21.3	
Parking West Lot Level 2	PLot	21.1	
Parking West Lot Level 3	PLot	19.6	
Parking West Lot Level 4	PLot	20.4	
Receiver R5 FI 2.FL Leq,d 41.2 dB(A)			
Parking Block 1 Level 3	PLot	17.8	
Parking Block 1 Level 2	PLot	14.7	
Parking Block 2 Level 1	PLot	4.6	
Parking Block 2 Level 2	PLot	10.5	
Parking Block 2 Level 3	PLot	13.6	
Parking Block 4 Level 1	PLot	1.5	
Parking Block 4 Level 2	PLot	0.1	
Parking Block 7 Level 1	PLot	29.1	
Parking Block 8 Level 1	PLot	13.2	
Parking Block 8 Level 2	PLot	17.0	
Parking Block 8 Level 3	PLot	23.8	
Parking Block 8 - Level 4	PLot	27.3	
Parking Bock 8 Level 5	PLot	26.7	
Parking Bock 8 Level 5	PLot	30.0	
Parkiing East Lot Level 2	PLot	9.6	
Parkiing East Lot Level 1	PLot	7.5	
Parking West Lot Level 1	PLot	31.7	
Parking West Lot Level 1	PLot	20.9	
Parking West Lot Level 1	PLot	16.4	
Parking West Lot Level 5	PLot	36.4	
Parking West Lot Level 2	PLot	30.5	
Parking West Lot Level 3	PLot	31.4	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 4	PLot	31.8	
Receiver R6 FI 1.FL Leq,d 41.4 dB(A)			
Parking Block 1 Level 3	PLot	3.1	
Parking Block 1 Level 2	PLot	0.4	
Parking Block 2 Level 1	PLot	-2.3	
Parking Block 2 Level 2	PLot	3.9	
Parking Block 2 Level 3	PLot	4.3	
Parking Block 4 Level 1	PLot	-0.7	
Parking Block 4 Level 2	PLot	-4.8	
Parking Block 7 Level 1	PLot	13.1	
Parking Block 8 Level 1	PLot	4.6	
Parking Block 8 Level 2	PLot	17.4	
Parking Block 8 Level 3	PLot	6.9	
Parking Block 8 - Level 4	PLot	9.3	
Parking Bock 8 Level 5	PLot	13.3	
Parking Bock 8 Level 5	PLot	19.3	
Parking East Lot Level 2	PLot	3.2	
Parking East Lot Level 1	PLot	3.7	
Parking West Lot Level 1	PLot	32.1	
Parking West Lot Level 1	PLot	17.7	
Parking West Lot Level 1	PLot	21.7	
Parking West Lot Level 5	PLot	32.6	
Parking West Lot Level 2	PLot	37.8	
Parking West Lot Level 3	PLot	32.7	
Parking West Lot Level 4	PLot	33.2	
Receiver R7 FI 1.FL Leq,d 50.4 dB(A)			
Parking Block 1 Level 3	PLot	12.7	
Parking Block 1 Level 2	PLot	4.0	
Parking Block 2 Level 1	PLot	-0.8	
Parking Block 2 Level 2	PLot	14.7	
Parking Block 2 Level 3	PLot	15.9	
Parking Block 4 Level 1	PLot	4.0	
Parking Block 4 Level 2	PLot	-2.0	
Parking Block 7 Level 1	PLot	14.5	
Parking Block 8 Level 1	PLot	8.0	
Parking Block 8 Level 2	PLot	25.5	
Parking Block 8 Level 3	PLot	15.0	
Parking Block 8 - Level 4	PLot	11.6	
Parking Bock 8 Level 5	PLot	20.1	
Parking Bock 8 Level 5	PLot	26.5	
Parking East Lot Level 2	PLot	23.6	
Parking East Lot Level 1	PLot	23.6	
Parking West Lot Level 1	PLot	43.0	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 1	PLot	24.5	
Parking West Lot Level 1	PLot	22.3	
Parking West Lot Level 5	PLot	36.2	
Parking West Lot Level 2	PLot	48.3	
Parking West Lot Level 3	PLot	39.5	
Parking West Lot Level 4	PLot	37.5	
Receiver R7 FI 2.FL Leq,d 50.1 dB(A)			
Parking Block 1 Level 3	PLot	17.3	
Parking Block 1 Level 2	PLot	6.5	
Parking Block 2 Level 1	PLot	-1.0	
Parking Block 2 Level 2	PLot	15.1	
Parking Block 2 Level 3	PLot	17.3	
Parking Block 4 Level 1	PLot	4.7	
Parking Block 4 Level 2	PLot	-2.0	
Parking Block 7 Level 1	PLot	15.0	
Parking Block 8 Level 1	PLot	13.1	
Parking Block 8 Level 2	PLot	28.2	
Parking Block 8 Level 3	PLot	13.1	
Parking Block 8 - Level 4	PLot	19.4	
Parking Bock 8 Level 5	PLot	22.6	
Parking Bock 8 Level 5	PLot	29.6	
Parking East Lot Level 2	PLot	26.1	
Parking East Lot Level 1	PLot	23.4	
Parking West Lot Level 1	PLot	38.5	
Parking West Lot Level 1	PLot	16.7	
Parking West Lot Level 1	PLot	13.1	
Parking West Lot Level 5	PLot	48.7	
Parking West Lot Level 2	PLot	35.7	
Parking West Lot Level 3	PLot	37.6	
Parking West Lot Level 4	PLot	39.3	
Receiver R8 FI 1.FL Leq,d 43.3 dB(A)			
Parking Block 1 Level 3	PLot	4.1	
Parking Block 1 Level 2	PLot	-0.6	
Parking Block 2 Level 1	PLot	-4.9	
Parking Block 2 Level 2	PLot	2.3	
Parking Block 2 Level 3	PLot	6.2	
Parking Block 4 Level 1	PLot	3.6	
Parking Block 4 Level 2	PLot	-4.3	
Parking Block 7 Level 1	PLot	5.7	
Parking Block 8 Level 1	PLot	5.0	
Parking Block 8 Level 2	PLot	25.4	
Parking Block 8 Level 3	PLot	13.7	
Parking Block 8 - Level 4	PLot	5.7	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Bock 8 Level 5	PLot	21.0	
Parking Bock 8 Level 5	PLot	25.9	
Parkiing East Lot Level 2	PLot	22.5	
Parkiing East Lot Level 1	PLot	22.1	
Parking West Lot Level 1	PLot	33.6	
Parking West Lot Level 1	PLot	22.2	
Parking West Lot Level 1	PLot	17.6	
Parking West Lot Level 5	PLot	34.7	
Parking West Lot Level 2	PLot	39.4	
Parking West Lot Level 3	PLot	34.5	
Parking West Lot Level 4	PLot	34.5	
Receiver R9 FI 1.FL Leq,d 40.2 dB(A)			
Parking Block 1 Level 3	PLot	3.3	
Parking Block 1 Level 2	PLot	1.2	
Parking Block 2 Level 1	PLot	-3.1	
Parking Block 2 Level 2	PLot	5.9	
Parking Block 2 Level 3	PLot	8.0	
Parking Block 4 Level 1	PLot	5.5	
Parking Block 4 Level 2	PLot	0.5	
Parking Block 7 Level 1	PLot	3.0	
Parking Block 8 Level 1	PLot	30.2	
Parking Block 8 Level 2	PLot	37.7	
Parking Block 8 Level 3	PLot	28.1	
Parking Block 8 - Level 4	PLot	28.2	
Parking Bock 8 Level 5	PLot	27.7	
Parking Bock 8 Level 5	PLot	30.5	
Parkiing East Lot Level 2	PLot	23.2	
Parkiing East Lot Level 1	PLot	20.4	
Parking West Lot Level 1	PLot	15.7	
Parking West Lot Level 1	PLot	-4.0	
Parking West Lot Level 1	PLot	-9.5	
Parking West Lot Level 5	PLot	19.7	
Parking West Lot Level 2	PLot	18.3	
Parking West Lot Level 3	PLot	17.5	
Parking West Lot Level 4	PLot	18.4	
Receiver R10 FI 1.FL Leq,d 38.7 dB(A)			
Parking Block 1 Level 3	PLot	3.9	
Parking Block 1 Level 2	PLot	0.5	
Parking Block 2 Level 1	PLot	-4.8	
Parking Block 2 Level 2	PLot	3.5	
Parking Block 2 Level 3	PLot	4.9	
Parking Block 4 Level 1	PLot	-1.5	
Parking Block 4 Level 2	PLot	-0.9	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Block 7 Level 1	PLot	4.0	
Parking Block 8 Level 1	PLot	17.3	
Parking Block 8 Level 2	PLot	36.4	
Parking Block 8 Level 3	PLot	25.6	
Parking Block 8 - Level 4	PLot	24.9	
Parking Bock 8 Level 5	PLot	28.6	
Parking Bock 8 Level 5	PLot	29.6	
Parkiing East Lot Level 2	PLot	22.3	
Parkiing East Lot Level 1	PLot	19.6	
Parking West Lot Level 1	PLot	16.0	
Parking West Lot Level 1	PLot	-2.6	
Parking West Lot Level 1	PLot	-8.6	
Parking West Lot Level 5	PLot	20.9	
Parking West Lot Level 2	PLot	20.0	
Parking West Lot Level 3	PLot	19.3	
Parking West Lot Level 4	PLot	19.8	
Receiver R11 FI 1.FL Leq,d 35.7 dB(A)			
Parking Block 1 Level 3	PLot	6.2	
Parking Block 1 Level 2	PLot	0.9	
Parking Block 2 Level 1	PLot	-4.2	
Parking Block 2 Level 2	PLot	0.8	
Parking Block 2 Level 3	PLot	7.3	
Parking Block 4 Level 1	PLot	0.1	
Parking Block 4 Level 2	PLot	-4.5	
Parking Block 7 Level 1	PLot	5.1	
Parking Block 8 Level 1	PLot	16.6	
Parking Block 8 Level 2	PLot	28.7	
Parking Block 8 Level 3	PLot	25.4	
Parking Block 8 - Level 4	PLot	13.1	
Parking Bock 8 Level 5	PLot	28.1	
Parking Bock 8 Level 5	PLot	28.8	
Parkiing East Lot Level 2	PLot	14.6	
Parkiing East Lot Level 1	PLot	13.1	
Parking West Lot Level 1	PLot	19.4	
Parking West Lot Level 1	PLot	1.6	
Parking West Lot Level 1	PLot	-5.7	
Parking West Lot Level 5	PLot	24.6	
Parking West Lot Level 2	PLot	24.2	
Parking West Lot Level 3	PLot	23.6	
Parking West Lot Level 4	PLot	23.9	
Receiver R11 FI 2.FL Leq,d 38.7 dB(A)			
Parking Block 1 Level 3	PLot	8.8	
Parking Block 1 Level 2	PLot	1.5	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking Block 2 Level 1	PLot	-4.6	
Parking Block 2 Level 2	PLot	2.3	
Parking Block 2 Level 3	PLot	9.2	
Parking Block 4 Level 1	PLot	0.4	
Parking Block 4 Level 2	PLot	-4.5	
Parking Block 7 Level 1	PLot	5.1	
Parking Block 8 Level 1	PLot	13.8	
Parking Block 8 Level 2	PLot	33.7	
Parking Block 8 Level 3	PLot	10.4	
Parking Block 8 - Level 4	PLot	13.4	
Parking Bock 8 Level 5	PLot	31.5	
Parking Bock 8 Level 5	PLot	32.6	
Parkiing East Lot Level 2	PLot	21.3	
Parkiing East Lot Level 1	PLot	18.8	
Parking West Lot Level 1	PLot	22.6	
Parking West Lot Level 1	PLot	2.4	
Parking West Lot Level 1	PLot	-5.1	
Parking West Lot Level 5	PLot	25.2	
Parking West Lot Level 2	PLot	26.0	
Parking West Lot Level 3	PLot	24.3	
Parking West Lot Level 4	PLot	24.5	
Receiver R12 FI 1.FL Leq,d 31.7 dB(A)			
Parking Block 1 Level 3	PLot	11.1	
Parking Block 1 Level 2	PLot	-0.4	
Parking Block 2 Level 1	PLot	-2.9	
Parking Block 2 Level 2	PLot	5.9	
Parking Block 2 Level 3	PLot	7.1	
Parking Block 4 Level 1	PLot	-1.0	
Parking Block 4 Level 2	PLot	-11.0	
Parking Block 7 Level 1	PLot	-0.1	
Parking Block 8 Level 1	PLot	12.0	
Parking Block 8 Level 2	PLot	24.3	
Parking Block 8 Level 3	PLot	15.2	
Parking Block 8 - Level 4	PLot	14.4	
Parking Bock 8 Level 5	PLot	9.4	
Parking Bock 8 Level 5	PLot	25.6	
Parkiing East Lot Level 2	PLot	25.8	
Parkiing East Lot Level 1	PLot	23.5	
Parking West Lot Level 1	PLot	12.3	
Parking West Lot Level 1	PLot	-6.9	
Parking West Lot Level 1	PLot	-11.7	
Parking West Lot Level 5	PLot	15.4	
Parking West Lot Level 2	PLot	14.7	

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# District NoHo

## Assessed contribution level - Parking

9

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 3	PLot	13.6	
Parking West Lot Level 4	PLot	14.3	
Receiver R13 FI 1.FL Leq,d 52.6 dB(A)			
Parking Block 1 Level 3	PLot	1.1	
Parking Block 1 Level 2	PLot	-0.2	
Parking Block 2 Level 1	PLot	1.4	
Parking Block 2 Level 2	PLot	7.4	
Parking Block 2 Level 3	PLot	7.9	
Parking Block 4 Level 1	PLot	5.5	
Parking Block 4 Level 2	PLot	6.9	
Parking Block 7 Level 1	PLot	-4.9	
Parking Block 8 Level 1	PLot	-7.6	
Parking Block 8 Level 2	PLot	-0.5	
Parking Block 8 Level 3	PLot	17.4	
Parking Block 8 - Level 4	PLot	18.9	
Parking Bock 8 Level 5	PLot	18.7	
Parking Bock 8 Level 5	PLot	19.8	
Parking East Lot Level 2	PLot	44.9	
Parking East Lot Level 1	PLot	51.8	
Parking West Lot Level 1	PLot	-1.4	
Parking West Lot Level 1	PLot	-14.4	
Parking West Lot Level 1	PLot	-19.4	
Parking West Lot Level 5	PLot	8.8	
Parking West Lot Level 2	PLot	8.3	
Parking West Lot Level 3	PLot	6.1	
Parking West Lot Level 4	PLot	7.8	
Receiver R13 FI 2.FL Leq,d 55.1 dB(A)			
Parking Block 1 Level 3	PLot	2.9	
Parking Block 1 Level 2	PLot	1.3	
Parking Block 2 Level 1	PLot	2.5	
Parking Block 2 Level 2	PLot	10.5	
Parking Block 2 Level 3	PLot	15.0	
Parking Block 4 Level 1	PLot	8.3	
Parking Block 4 Level 2	PLot	19.1	
Parking Block 7 Level 1	PLot	-4.9	
Parking Block 8 Level 1	PLot	-7.8	
Parking Block 8 Level 2	PLot	0.9	
Parking Block 8 Level 3	PLot	19.1	
Parking Block 8 - Level 4	PLot	21.8	
Parking Bock 8 Level 5	PLot	18.8	
Parking Bock 8 Level 5	PLot	22.5	
Parking East Lot Level 2	PLot	55.0	
Parking East Lot Level 1	PLot	37.4	

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**District NoHo**  
**Assessed contribution level - Parking**

**9**

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 1	PLot	8.2	
Parking West Lot Level 1	PLot	-6.8	
Parking West Lot Level 1	PLot	-10.2	
Parking West Lot Level 5	PLot	3.3	
Parking West Lot Level 2	PLot	9.9	
Parking West Lot Level 3	PLot	9.1	
Parking West Lot Level 4	PLot	9.4	

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# District NoHo

## Source Levels in dB(A) - People

3

Name	Source type	Lw dB(A)	
People Block 0 Level 1 (Transit Center)	Area	99.8	
People Block 0 West	Area	98.0	
People Block 1 Level 1	Area	94.9	
People Block 1 Level 4	Area	95.9	
People Block 1 Roof	Area	91.6	
People Block 2 Level 4	Area	97.4	
People Block 3 Level 2	Area	94.3	
People Block 3 Level 5	Area	84.7	
People Block 3 Level 6	Area	80.9	
People Block 4 Level 3 Courtyard	Area	93.5	
People Block 4 Level 3 Pool	Area	91.2	
People Block 4 Level 6	Area	86.9	
People Block 4 Level 6	Area	85.5	
People Block 6 Level 2	Area	86.0	
People Block 7 Level 1	Area	86.4	
People Block 7 Level 2	Area	89.0	
People Block 7 Level 5	Area	83.9	
People Block 8 Level 1	Area	94.9	
People Block 8 Level 7	Area	96.9	
People Block 56 Level 1 (NoHo Square)	Area	96.9	
People Block 56 Level 1 (Promenade)	Area	98.2	
People Block 56 Level 2	Area	84.6	
People Block 56 Level 6	Area	90.7	
People Block 56 Level 6	Area	85.0	
People Block 56 Level 6	Area	91.0	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 39.6 dB(A)			
People Block 0 West	Area	14.6	
People Block 0 Level 1 (Transit Center)	Area	20.6	
People Block 1 Level 1	Area	32.8	
People Block 1 Level 4	Area	27.9	
People Block 1 Roof	Area	10.5	
People Block 2 Level 4	Area	36.9	
People Block 3 Level 2	Area	24.0	
People Block 3 Level 5	Area	11.5	
People Block 3 Level 6	Area	9.9	
People Block 4 Level 3 Pool	Area	11.6	
People Block 4 Level 3 Courtyard	Area	17.6	
People Block 4 Level 6	Area	7.1	
People Block 4 Level 6	Area	8.3	
People Block 56 Level 2	Area	4.6	
People Block 56 Level 6	Area	29.8	
People Block 56 Level 6	Area	20.8	
People Block 56 Level 6	Area	18.1	
People Block 56 Level 1 (NoHo Square)	Area	16.6	
People Block 56 Level 1 (Promenade)	Area	17.0	
People Block 6 Level 2	Area	8.2	
People Block 7 Level 1	Area	0.1	
People Block 7 Level 2	Area	6.4	
People Block 7 Level 5	Area	-2.5	
People Block 8 Level 1	Area	15.7	
People Block 8 Level 7	Area	10.6	
Receiver R1 FI 2.FL Leq,d 47.7 dB(A)			
People Block 0 West	Area	13.9	
People Block 0 Level 1 (Transit Center)	Area	20.6	
People Block 1 Level 1	Area	33.7	
People Block 1 Level 4	Area	32.2	
People Block 1 Roof	Area	11.0	
People Block 2 Level 4	Area	47.0	
People Block 3 Level 2	Area	24.3	
People Block 3 Level 5	Area	17.7	
People Block 3 Level 6	Area	22.3	
People Block 4 Level 3 Pool	Area	17.0	
People Block 4 Level 3 Courtyard	Area	17.3	
People Block 4 Level 6	Area	9.7	
People Block 4 Level 6	Area	13.4	
People Block 56 Level 2	Area	4.4	
People Block 56 Level 6	Area	30.7	
People Block 56 Level 6	Area	33.8	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 56 Level 6	Area	27.7	
People Block 56 Level 1 (NoHo Square)	Area	16.4	
People Block 56 Level 1 (Promenade)	Area	17.1	
People Block 6 Level 2	Area	8.4	
People Block 7 Level 1	Area	-0.1	
People Block 7 Level 2	Area	6.1	
People Block 7 Level 5	Area	-2.5	
People Block 8 Level 1	Area	18.2	
People Block 8 Level 7	Area	19.8	
Receiver R2 FI 1.FL Leq,d 40.3 dB(A)			
People Block 0 West	Area	14.8	
People Block 0 Level 1 (Transit Center)	Area	33.1	
People Block 1 Level 1	Area	15.6	
People Block 1 Level 4	Area	25.2	
People Block 1 Roof	Area	15.4	
People Block 2 Level 4	Area	36.0	
People Block 3 Level 2	Area	28.3	
People Block 3 Level 5	Area	29.0	
People Block 3 Level 6	Area	17.3	
People Block 4 Level 3 Pool	Area	29.2	
People Block 4 Level 3 Courtyard	Area	27.4	
People Block 4 Level 6	Area	18.1	
People Block 4 Level 6	Area	25.0	
People Block 56 Level 2	Area	6.1	
People Block 56 Level 6	Area	19.0	
People Block 56 Level 6	Area	14.7	
People Block 56 Level 6	Area	11.9	
People Block 56 Level 1 (NoHo Square)	Area	18.5	
People Block 56 Level 1 (Promenade)	Area	26.8	
People Block 6 Level 2	Area	6.0	
People Block 7 Level 1	Area	-0.2	
People Block 7 Level 2	Area	17.5	
People Block 7 Level 5	Area	11.5	
People Block 8 Level 1	Area	18.6	
People Block 8 Level 7	Area	13.4	
Receiver R2 FI 2.FL Leq,d 40.8 dB(A)			
People Block 0 West	Area	12.2	
People Block 0 Level 1 (Transit Center)	Area	29.8	
People Block 1 Level 1	Area	14.6	
People Block 1 Level 4	Area	28.6	
People Block 1 Roof	Area	13.9	
People Block 2 Level 4	Area	37.9	
People Block 3 Level 2	Area	28.5	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 3 Level 5	Area	32.5	
People Block 3 Level 6	Area	18.0	
People Block 4 Level 3 Pool	Area	25.7	
People Block 4 Level 3 Courtyard	Area	25.5	
People Block 4 Level 6	Area	17.3	
People Block 4 Level 6	Area	19.7	
People Block 56 Level 2	Area	5.7	
People Block 56 Level 6	Area	24.3	
People Block 56 Level 6	Area	18.4	
People Block 56 Level 6	Area	10.2	
People Block 56 Level 1 (NoHo Square)	Area	16.4	
People Block 56 Level 1 (Promenade)	Area	23.6	
People Block 6 Level 2	Area	3.6	
People Block 7 Level 1	Area	-3.5	
People Block 7 Level 2	Area	18.3	
People Block 7 Level 5	Area	11.7	
People Block 8 Level 1	Area	15.9	
People Block 8 Level 7	Area	13.5	
Receiver R3 FI 1.FL Leq,d 52.1 dB(A)			
People Block 0 West	Area	39.2	
People Block 0 Level 1 (Transit Center)	Area	35.0	
People Block 1 Level 1	Area	21.6	
People Block 1 Level 4	Area	21.8	
People Block 1 Roof	Area	16.9	
People Block 2 Level 4	Area	22.2	
People Block 3 Level 2	Area	14.5	
People Block 3 Level 5	Area	5.2	
People Block 3 Level 6	Area	21.6	
People Block 4 Level 3 Pool	Area	41.7	
People Block 4 Level 3 Courtyard	Area	32.4	
People Block 4 Level 6	Area	29.1	
People Block 4 Level 6	Area	34.2	
People Block 56 Level 2	Area	29.6	
People Block 56 Level 6	Area	27.3	
People Block 56 Level 6	Area	12.5	
People Block 56 Level 6	Area	28.1	
People Block 56 Level 1 (NoHo Square)	Area	45.0	
People Block 56 Level 1 (Promenade)	Area	49.5	
People Block 6 Level 2	Area	28.5	
People Block 7 Level 1	Area	18.0	
People Block 7 Level 2	Area	14.7	
People Block 7 Level 5	Area	9.1	
People Block 8 Level 1	Area	32.6	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 8 Level 7	Area	33.5	
Receiver R3 FI 2.FL Leq,d 52.9 dB(A)			
People Block 0 West	Area	39.2	
People Block 0 Level 1 (Transit Center)	Area	36.0	
People Block 1 Level 1	Area	24.1	
People Block 1 Level 4	Area	25.6	
People Block 1 Roof	Area	17.7	
People Block 2 Level 4	Area	25.1	
People Block 3 Level 2	Area	14.7	
People Block 3 Level 5	Area	7.8	
People Block 3 Level 6	Area	23.4	
People Block 4 Level 3 Pool	Area	44.6	
People Block 4 Level 3 Courtyard	Area	37.3	
People Block 4 Level 6	Area	32.4	
People Block 4 Level 6	Area	36.8	
People Block 56 Level 2	Area	32.2	
People Block 56 Level 6	Area	27.6	
People Block 56 Level 6	Area	16.0	
People Block 56 Level 6	Area	30.1	
People Block 56 Level 1 (NoHo Square)	Area	44.8	
People Block 56 Level 1 (Promenade)	Area	49.7	
People Block 6 Level 2	Area	30.4	
People Block 7 Level 1	Area	15.4	
People Block 7 Level 2	Area	19.7	
People Block 7 Level 5	Area	12.1	
People Block 8 Level 1	Area	38.5	
People Block 8 Level 7	Area	34.6	
Receiver R4 FI 1.FL Leq,d 26.2 dB(A)			
People Block 0 West	Area	7.1	
People Block 0 Level 1 (Transit Center)	Area	10.6	
People Block 1 Level 1	Area	19.0	
People Block 1 Level 4	Area	9.5	
People Block 1 Roof	Area	9.2	
People Block 2 Level 4	Area	21.4	
People Block 3 Level 2	Area	12.8	
People Block 3 Level 5	Area	1.3	
People Block 3 Level 6	Area	-1.8	
People Block 4 Level 3 Pool	Area	7.5	
People Block 4 Level 3 Courtyard	Area	9.8	
People Block 4 Level 6	Area	6.4	
People Block 4 Level 6	Area	2.0	
People Block 56 Level 2	Area	-5.2	
People Block 56 Level 6	Area	16.9	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 56 Level 6	Area	11.1	
People Block 56 Level 6	Area	10.4	
People Block 56 Level 1 (NoHo Square)	Area	7.5	
People Block 56 Level 1 (Promenade)	Area	8.9	
People Block 6 Level 2	Area	-4.1	
People Block 7 Level 1	Area	-7.8	
People Block 7 Level 2	Area	-3.7	
People Block 7 Level 5	Area	-10.1	
People Block 8 Level 1	Area	10.3	
People Block 8 Level 7	Area	13.8	
Receiver R5 FI 1.FL Leq,d 52.9 dB(A)			
People Block 0 West	Area	44.6	
People Block 0 Level 1 (Transit Center)	Area	45.8	
People Block 1 Level 1	Area	50.3	
People Block 1 Level 4	Area	24.1	
People Block 1 Roof	Area	23.8	
People Block 2 Level 4	Area	16.8	
People Block 3 Level 2	Area	11.9	
People Block 3 Level 5	Area	2.5	
People Block 3 Level 6	Area	-0.3	
People Block 4 Level 3 Pool	Area	6.6	
People Block 4 Level 3 Courtyard	Area	10.4	
People Block 4 Level 6	Area	0.0	
People Block 4 Level 6	Area	2.2	
People Block 56 Level 2	Area	26.3	
People Block 56 Level 6	Area	23.1	
People Block 56 Level 6	Area	7.5	
People Block 56 Level 6	Area	28.4	
People Block 56 Level 1 (NoHo Square)	Area	35.6	
People Block 56 Level 1 (Promenade)	Area	37.5	
People Block 6 Level 2	Area	29.7	
People Block 7 Level 1	Area	14.2	
People Block 7 Level 2	Area	36.4	
People Block 7 Level 5	Area	26.2	
People Block 8 Level 1	Area	36.4	
People Block 8 Level 7	Area	20.9	
Receiver R5 FI 2.FL Leq,d 52.5 dB(A)			
People Block 0 West	Area	45.3	
People Block 0 Level 1 (Transit Center)	Area	45.9	
People Block 1 Level 1	Area	48.5	
People Block 1 Level 4	Area	28.6	
People Block 1 Roof	Area	30.0	
People Block 2 Level 4	Area	17.9	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 3 Level 2	Area	11.3	
People Block 3 Level 5	Area	2.3	
People Block 3 Level 6	Area	0.3	
People Block 4 Level 3 Pool	Area	5.6	
People Block 4 Level 3 Courtyard	Area	9.9	
People Block 4 Level 6	Area	0.0	
People Block 4 Level 6	Area	3.4	
People Block 56 Level 2	Area	24.8	
People Block 56 Level 6	Area	23.6	
People Block 56 Level 6	Area	6.5	
People Block 56 Level 6	Area	32.5	
People Block 56 Level 1 (NoHo Square)	Area	36.5	
People Block 56 Level 1 (Promenade)	Area	37.9	
People Block 6 Level 2	Area	31.6	
People Block 7 Level 1	Area	15.1	
People Block 7 Level 2	Area	40.7	
People Block 7 Level 5	Area	32.6	
People Block 8 Level 1	Area	36.8	
People Block 8 Level 7	Area	23.4	
Receiver R6 FI 1.FL Leq,d 32.4 dB(A)			
People Block 0 West	Area	17.7	
People Block 0 Level 1 (Transit Center)	Area	26.3	
People Block 1 Level 1	Area	18.9	
People Block 1 Level 4	Area	12.3	
People Block 1 Roof	Area	14.2	
People Block 2 Level 4	Area	8.8	
People Block 3 Level 2	Area	5.8	
People Block 3 Level 5	Area	-4.3	
People Block 3 Level 6	Area	-6.7	
People Block 4 Level 3 Pool	Area	0.7	
People Block 4 Level 3 Courtyard	Area	4.5	
People Block 4 Level 6	Area	-5.7	
People Block 4 Level 6	Area	-3.4	
People Block 56 Level 2	Area	4.5	
People Block 56 Level 6	Area	18.2	
People Block 56 Level 6	Area	-4.1	
People Block 56 Level 6	Area	20.4	
People Block 56 Level 1 (NoHo Square)	Area	15.5	
People Block 56 Level 1 (Promenade)	Area	14.8	
People Block 6 Level 2	Area	8.4	
People Block 7 Level 1	Area	24.1	
People Block 7 Level 2	Area	12.7	
People Block 7 Level 5	Area	25.1	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 8 Level 1	Area	18.3	
People Block 8 Level 7	Area	22.6	
Receiver R7 FI 1.FL Leq,d 45.4 dB(A)			
People Block 0 West	Area	39.3	
People Block 0 Level 1 (Transit Center)	Area	40.0	
People Block 1 Level 1	Area	34.6	
People Block 1 Level 4	Area	27.6	
People Block 1 Roof	Area	24.2	
People Block 2 Level 4	Area	24.1	
People Block 3 Level 2	Area	7.9	
People Block 3 Level 5	Area	5.4	
People Block 3 Level 6	Area	8.9	
People Block 4 Level 3 Pool	Area	16.7	
People Block 4 Level 3 Courtyard	Area	11.7	
People Block 4 Level 6	Area	0.9	
People Block 4 Level 6	Area	18.4	
People Block 56 Level 2	Area	21.3	
People Block 56 Level 6	Area	25.8	
People Block 56 Level 6	Area	7.4	
People Block 56 Level 6	Area	27.3	
People Block 56 Level 1 (NoHo Square)	Area	30.5	
People Block 56 Level 1 (Promenade)	Area	36.1	
People Block 6 Level 2	Area	21.6	
People Block 7 Level 1	Area	33.9	
People Block 7 Level 2	Area	18.2	
People Block 7 Level 5	Area	15.3	
People Block 8 Level 1	Area	32.8	
People Block 8 Level 7	Area	30.3	
Receiver R7 FI 2.FL Leq,d 46.2 dB(A)			
People Block 0 West	Area	40.5	
People Block 0 Level 1 (Transit Center)	Area	40.5	
People Block 1 Level 1	Area	34.9	
People Block 1 Level 4	Area	29.9	
People Block 1 Roof	Area	25.8	
People Block 2 Level 4	Area	26.7	
People Block 3 Level 2	Area	10.1	
People Block 3 Level 5	Area	11.9	
People Block 3 Level 6	Area	14.7	
People Block 4 Level 3 Pool	Area	22.1	
People Block 4 Level 3 Courtyard	Area	17.2	
People Block 4 Level 6	Area	8.2	
People Block 4 Level 6	Area	22.2	
People Block 56 Level 2	Area	24.0	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 56 Level 6	Area	25.0	
People Block 56 Level 6	Area	12.7	
People Block 56 Level 6	Area	28.7	
People Block 56 Level 1 (NoHo Square)	Area	31.7	
People Block 56 Level 1 (Promenade)	Area	36.7	
People Block 6 Level 2	Area	24.6	
People Block 7 Level 1	Area	33.3	
People Block 7 Level 2	Area	22.7	
People Block 7 Level 5	Area	26.8	
People Block 8 Level 1	Area	33.8	
People Block 8 Level 7	Area	30.6	
Receiver R8 FI 1.FL Leq,d 38.3 dB(A)			
People Block 0 West	Area	32.3	
People Block 0 Level 1 (Transit Center)	Area	29.8	
People Block 1 Level 1	Area	13.4	
People Block 1 Level 4	Area	11.7	
People Block 1 Roof	Area	19.0	
People Block 2 Level 4	Area	11.4	
People Block 3 Level 2	Area	4.8	
People Block 3 Level 5	Area	4.2	
People Block 3 Level 6	Area	-3.4	
People Block 4 Level 3 Pool	Area	21.7	
People Block 4 Level 3 Courtyard	Area	14.0	
People Block 4 Level 6	Area	-6.1	
People Block 4 Level 6	Area	17.9	
People Block 56 Level 2	Area	18.1	
People Block 56 Level 6	Area	20.7	
People Block 56 Level 6	Area	2.3	
People Block 56 Level 6	Area	22.2	
People Block 56 Level 1 (NoHo Square)	Area	24.0	
People Block 56 Level 1 (Promenade)	Area	32.1	
People Block 6 Level 2	Area	14.4	
People Block 7 Level 1	Area	11.5	
People Block 7 Level 2	Area	10.0	
People Block 7 Level 5	Area	4.1	
People Block 8 Level 1	Area	24.0	
People Block 8 Level 7	Area	30.5	
Receiver R9 FI 1.FL Leq,d 38.4 dB(A)			
People Block 0 West	Area	20.1	
People Block 0 Level 1 (Transit Center)	Area	22.7	
People Block 1 Level 1	Area	12.8	
People Block 1 Level 4	Area	14.0	
People Block 1 Roof	Area	7.8	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 2 Level 4	Area	13.5	
People Block 3 Level 2	Area	10.3	
People Block 3 Level 5	Area	2.4	
People Block 3 Level 6	Area	-2.9	
People Block 4 Level 3 Pool	Area	27.1	
People Block 4 Level 3 Courtyard	Area	23.5	
People Block 4 Level 6	Area	17.4	
People Block 4 Level 6	Area	24.7	
People Block 56 Level 2	Area	14.3	
People Block 56 Level 6	Area	18.8	
People Block 56 Level 6	Area	1.7	
People Block 56 Level 6	Area	15.6	
People Block 56 Level 1 (NoHo Square)	Area	26.6	
People Block 56 Level 1 (Promenade)	Area	28.5	
People Block 6 Level 2	Area	10.6	
People Block 7 Level 1	Area	4.6	
People Block 7 Level 2	Area	9.4	
People Block 7 Level 5	Area	0.3	
People Block 8 Level 1	Area	27.5	
People Block 8 Level 7	Area	35.5	
Receiver R10 FI 1.FL Leq,d 38.3 dB(A)			
People Block 0 West	Area	33.6	
People Block 0 Level 1 (Transit Center)	Area	19.2	
People Block 1 Level 1	Area	23.7	
People Block 1 Level 4	Area	13.7	
People Block 1 Roof	Area	10.7	
People Block 2 Level 4	Area	10.3	
People Block 3 Level 2	Area	6.8	
People Block 3 Level 5	Area	-3.1	
People Block 3 Level 6	Area	-6.6	
People Block 4 Level 3 Pool	Area	9.5	
People Block 4 Level 3 Courtyard	Area	11.7	
People Block 4 Level 6	Area	3.2	
People Block 4 Level 6	Area	11.1	
People Block 56 Level 2	Area	4.4	
People Block 56 Level 6	Area	10.5	
People Block 56 Level 6	Area	-1.4	
People Block 56 Level 6	Area	13.0	
People Block 56 Level 1 (NoHo Square)	Area	17.7	
People Block 56 Level 1 (Promenade)	Area	18.1	
People Block 6 Level 2	Area	2.9	
People Block 7 Level 1	Area	5.2	
People Block 7 Level 2	Area	12.2	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 7 Level 5	Area	8.9	
People Block 8 Level 1	Area	20.0	
People Block 8 Level 7	Area	35.8	
Receiver R11 FI 1.FL Leq,d 39.8 dB(A)			
People Block 0 West	Area	33.6	
People Block 0 Level 1 (Transit Center)	Area	35.4	
People Block 1 Level 1	Area	25.8	
People Block 1 Level 4	Area	27.2	
People Block 1 Roof	Area	22.7	
People Block 2 Level 4	Area	12.1	
People Block 3 Level 2	Area	5.6	
People Block 3 Level 5	Area	-4.2	
People Block 3 Level 6	Area	-8.2	
People Block 4 Level 3 Pool	Area	9.3	
People Block 4 Level 3 Courtyard	Area	10.5	
People Block 4 Level 6	Area	2.5	
People Block 4 Level 6	Area	15.3	
People Block 56 Level 2	Area	5.5	
People Block 56 Level 6	Area	17.3	
People Block 56 Level 6	Area	-0.6	
People Block 56 Level 6	Area	23.4	
People Block 56 Level 1 (NoHo Square)	Area	17.2	
People Block 56 Level 1 (Promenade)	Area	18.7	
People Block 6 Level 2	Area	4.9	
People Block 7 Level 1	Area	9.9	
People Block 7 Level 2	Area	12.0	
People Block 7 Level 5	Area	12.6	
People Block 8 Level 1	Area	23.7	
People Block 8 Level 7	Area	32.8	
Receiver R11 FI 2.FL Leq,d 43.0 dB(A)			
People Block 0 West	Area	36.3	
People Block 0 Level 1 (Transit Center)	Area	37.9	
People Block 1 Level 1	Area	30.1	
People Block 1 Level 4	Area	28.5	
People Block 1 Roof	Area	23.5	
People Block 2 Level 4	Area	14.8	
People Block 3 Level 2	Area	5.0	
People Block 3 Level 5	Area	-4.3	
People Block 3 Level 6	Area	-7.4	
People Block 4 Level 3 Pool	Area	16.8	
People Block 4 Level 3 Courtyard	Area	14.9	
People Block 4 Level 6	Area	10.3	
People Block 4 Level 6	Area	20.5	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 56 Level 2	Area	9.1	
People Block 56 Level 6	Area	17.9	
People Block 56 Level 6	Area	2.1	
People Block 56 Level 6	Area	26.4	
People Block 56 Level 1 (NoHo Square)	Area	19.6	
People Block 56 Level 1 (Promenade)	Area	22.6	
People Block 6 Level 2	Area	6.6	
People Block 7 Level 1	Area	14.0	
People Block 7 Level 2	Area	12.0	
People Block 7 Level 5	Area	14.7	
People Block 8 Level 1	Area	26.8	
People Block 8 Level 7	Area	37.6	
Receiver R12 FI 1.FL Leq,d 41.6 dB(A)			
People Block 0 West	Area	29.7	
People Block 0 Level 1 (Transit Center)	Area	35.2	
People Block 1 Level 1	Area	29.3	
People Block 1 Level 4	Area	27.8	
People Block 1 Roof	Area	18.7	
People Block 2 Level 4	Area	15.3	
People Block 3 Level 2	Area	8.1	
People Block 3 Level 5	Area	0.8	
People Block 3 Level 6	Area	14.7	
People Block 4 Level 3 Pool	Area	28.0	
People Block 4 Level 3 Courtyard	Area	22.3	
People Block 4 Level 6	Area	20.1	
People Block 4 Level 6	Area	24.1	
People Block 56 Level 2	Area	20.0	
People Block 56 Level 6	Area	25.6	
People Block 56 Level 6	Area	1.0	
People Block 56 Level 6	Area	26.0	
People Block 56 Level 1 (NoHo Square)	Area	28.2	
People Block 56 Level 1 (Promenade)	Area	33.1	
People Block 6 Level 2	Area	11.8	
People Block 7 Level 1	Area	2.2	
People Block 7 Level 2	Area	10.7	
People Block 7 Level 5	Area	1.6	
People Block 8 Level 1	Area	29.0	
People Block 8 Level 7	Area	35.0	
Receiver R13 FI 1.FL Leq,d 36.1 dB(A)			
People Block 0 West	Area	26.8	
People Block 0 Level 1 (Transit Center)	Area	16.4	
People Block 1 Level 1	Area	6.9	
People Block 1 Level 4	Area	8.7	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 1 Roof	Area	1.6	
People Block 2 Level 4	Area	12.8	
People Block 3 Level 2	Area	13.5	
People Block 3 Level 5	Area	3.0	
People Block 3 Level 6	Area	-3.7	
People Block 4 Level 3 Pool	Area	20.3	
People Block 4 Level 3 Courtyard	Area	14.7	
People Block 4 Level 6	Area	6.6	
People Block 4 Level 6	Area	12.8	
People Block 56 Level 2	Area	-2.8	
People Block 56 Level 6	Area	3.8	
People Block 56 Level 6	Area	-1.0	
People Block 56 Level 6	Area	3.1	
People Block 56 Level 1 (NoHo Square)	Area	25.9	
People Block 56 Level 1 (Promenade)	Area	34.0	
People Block 6 Level 2	Area	8.8	
People Block 7 Level 1	Area	-6.8	
People Block 7 Level 2	Area	8.8	
People Block 7 Level 5	Area	2.5	
People Block 8 Level 1	Area	24.8	
People Block 8 Level 7	Area	18.8	
Receiver R13 FI 2.FL Leq,d 39.4 dB(A)			
People Block 0 West	Area	29.5	
People Block 0 Level 1 (Transit Center)	Area	18.4	
People Block 1 Level 1	Area	7.2	
People Block 1 Level 4	Area	15.5	
People Block 1 Roof	Area	10.4	
People Block 2 Level 4	Area	27.1	
People Block 3 Level 2	Area	13.7	
People Block 3 Level 5	Area	18.3	
People Block 3 Level 6	Area	8.4	
People Block 4 Level 3 Pool	Area	23.6	
People Block 4 Level 3 Courtyard	Area	14.8	
People Block 4 Level 6	Area	11.6	
People Block 4 Level 6	Area	19.1	
People Block 56 Level 2	Area	-2.5	
People Block 56 Level 6	Area	8.3	
People Block 56 Level 6	Area	9.9	
People Block 56 Level 6	Area	3.8	
People Block 56 Level 1 (NoHo Square)	Area	29.2	
People Block 56 Level 1 (Promenade)	Area	36.7	
People Block 6 Level 2	Area	11.7	
People Block 7 Level 1	Area	-6.9	

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# District NoHo

## Assessed contribution level - People

9

Source	Source type	Leq,d dB(A)	
People Block 7 Level 2	Area	10.2	
People Block 7 Level 5	Area	1.1	
People Block 8 Level 1	Area	28.2	
People Block 8 Level 7	Area	26.6	

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# District NoHo

## Source Levels in dB(A) - Speakers

3

Name	Source type	Lw dB(A)	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level 4	Point	103.6	
Speakers Block 1 Level Roof	Point	108.6	
Speakers Block 1 Level Roof	Point	108.6	
Speakers Block 1 Level Roof	Point	108.6	
Speakers Block 1 Level Roof	Point	108.6	
Speakers Block 1 Level Roof	Point	108.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 2 Level 4	Point	103.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 2	Point	108.6	
Speakers Block 3 Level 5	Point	103.6	
Speakers Block 3 Level 5	Point	103.6	
Speakers Block 3 Level Roof	Point	103.6	

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# District NoHo

## Source Levels in dB(A) - Speakers

3

Name	Source type	Lw dB(A)	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 3	Point	103.6	
Speakers Block 4 Level 6	Point	103.6	
Speakers Block 4 Level 6	Point	103.6	
Speakers Block 4 Level 6	Point	103.6	
Speakers Block 4 Level 6	Point	103.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 5	Point	108.6	

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# District NoHo

## Source Levels in dB(A) - Speakers

3

Name	Source type	Lw dB(A)	
Speakers Block 7 Level 5	Point	108.6	
Speakers Block 7 Level 5	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 48.4 dB(A)			
Speakers Block 1 Level 4	Point	21.3	
Speakers Block 1 Level 4	Point	17.3	
Speakers Block 1 Level 4	Point	15.5	
Speakers Block 1 Level 4	Point	14.5	
Speakers Block 1 Level 4	Point	22.2	
Speakers Block 1 Level 4	Point	32.3	
Speakers Block 1 Level 4	Point	35.2	
Speakers Block 1 Level 4	Point	22.1	
Speakers Block 1 Level 4	Point	21.7	
Speakers Block 1 Level Roof	Point	5.6	
Speakers Block 1 Level Roof	Point	8.2	
Speakers Block 1 Level Roof	Point	5.4	
Speakers Block 1 Level Roof	Point	7.9	
Speakers Block 1 Level Roof	Point	5.4	
Speakers Block 2 Level 4	Point	40.2	
Speakers Block 2 Level 4	Point	34.1	
Speakers Block 2 Level 4	Point	32.8	
Speakers Block 2 Level 4	Point	33.2	
Speakers Block 2 Level 4	Point	32.1	
Speakers Block 2 Level 4	Point	25.7	
Speakers Block 2 Level 4	Point	33.9	
Speakers Block 2 Level 4	Point	38.3	
Speakers Block 2 Level 4	Point	41.1	
Speakers Block 2 Level 4	Point	35.5	
Speakers Block 2 Level 4	Point	29.5	
Speakers Block 2 Level 4	Point	28.0	
Speakers Block 2 Level 4	Point	31.5	
Speakers Block 2 Level 4	Point	32.7	
Speakers Block 3 Level 2	Point	27.4	
Speakers Block 3 Level 2	Point	22.5	
Speakers Block 3 Level 2	Point	18.9	
Speakers Block 3 Level 2	Point	35.3	
Speakers Block 3 Level 2	Point	24.8	
Speakers Block 3 Level 2	Point	26.8	
Speakers Block 3 Level 2	Point	29.2	
Speakers Block 3 Level 2	Point	28.5	
Speakers Block 3 Level 5	Point	21.8	
Speakers Block 3 Level 5	Point	18.6	
Speakers Block 3 Level Roof	Point	20.6	
Speakers Block 4 Level 3	Point	17.4	
Speakers Block 4 Level 3	Point	7.8	
Speakers Block 4 Level 3	Point	18.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 3	Point	15.4	
Speakers Block 4 Level 3	Point	12.6	
Speakers Block 4 Level 3	Point	4.1	
Speakers Block 4 Level 3	Point	21.3	
Speakers Block 4 Level 3	Point	12.4	
Speakers Block 4 Level 6	Point	9.0	
Speakers Block 4 Level 6	Point	13.6	
Speakers Block 4 Level 6	Point	9.5	
Speakers Block 4 Level 6	Point	14.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.5	
Speakers Block 56 Level 2	Point	9.1	
Speakers Block 56 Level 2	Point	8.9	
Speakers Block 56 Level 2	Point	10.1	
Speakers Block 56 Level 6	Point	8.8	
Speakers Block 56 Level 6	Point	7.5	
Speakers Block 56 Level 6	Point	16.3	
Speakers Block 56 Level 6	Point	7.5	
Speakers Block 56 Level 6	Point	33.3	
Speakers Block 56 Level 6	Point	15.2	
Speakers Block 56 Level 6	Point	25.9	
Speakers Block 56 Level 6	Point	34.8	
Speakers Block 56 Level 6	Point	15.1	
Speakers Block 56 Level 6	Point	19.7	
Speakers Block 6 Level 2	Point	18.9	
Speakers Block 6 Level 2	Point	17.9	
Speakers Block 6 Level 2	Point	18.6	
Speakers Block 7 Level 2	Point	4.9	
Speakers Block 7 Level 2	Point	4.8	
Speakers Block 7 Level 2	Point	19.3	
Speakers Block 7 Level 2	Point	12.7	
Speakers Block 7 Level 2	Point	13.5	
Speakers Block 7 Level 2	Point	4.6	
Speakers Block 7 Level 5	Point	4.4	
Speakers Block 7 Level 5	Point	10.2	
Speakers Block 7 Level 5	Point	2.7	
Speakers Block 8 Level 7	Point	12.8	
Speakers Block 8 Level 7	Point	14.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	12.6	
Speakers Block 8 Level 7	Point	16.9	
Speakers Block 8 Level 7	Point	11.8	
Speakers Block 8 Level 7	Point	9.7	
Speakers Block 8 Level 7	Point	14.5	
Speakers Block 8 Level 7	Point	15.3	
Receiver R1 FI 2.FL Leq,d 59.3 dB(A)			
Speakers Block 1 Level 4	Point	23.6	
Speakers Block 1 Level 4	Point	19.3	
Speakers Block 1 Level 4	Point	17.4	
Speakers Block 1 Level 4	Point	17.0	
Speakers Block 1 Level 4	Point	26.4	
Speakers Block 1 Level 4	Point	36.5	
Speakers Block 1 Level 4	Point	45.4	
Speakers Block 1 Level 4	Point	29.7	
Speakers Block 1 Level 4	Point	36.1	
Speakers Block 1 Level Roof	Point	6.6	
Speakers Block 1 Level Roof	Point	9.3	
Speakers Block 1 Level Roof	Point	6.4	
Speakers Block 1 Level Roof	Point	9.0	
Speakers Block 1 Level Roof	Point	6.5	
Speakers Block 2 Level 4	Point	41.7	
Speakers Block 2 Level 4	Point	42.8	
Speakers Block 2 Level 4	Point	46.2	
Speakers Block 2 Level 4	Point	48.2	
Speakers Block 2 Level 4	Point	40.3	
Speakers Block 2 Level 4	Point	40.0	
Speakers Block 2 Level 4	Point	48.7	
Speakers Block 2 Level 4	Point	49.7	
Speakers Block 2 Level 4	Point	51.9	
Speakers Block 2 Level 4	Point	43.4	
Speakers Block 2 Level 4	Point	42.0	
Speakers Block 2 Level 4	Point	40.2	
Speakers Block 2 Level 4	Point	42.6	
Speakers Block 2 Level 4	Point	48.3	
Speakers Block 3 Level 2	Point	27.6	
Speakers Block 3 Level 2	Point	22.1	
Speakers Block 3 Level 2	Point	17.6	
Speakers Block 3 Level 2	Point	35.0	
Speakers Block 3 Level 2	Point	24.8	
Speakers Block 3 Level 2	Point	27.6	
Speakers Block 3 Level 2	Point	30.2	
Speakers Block 3 Level 2	Point	28.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 3 Level 5	Point	26.4	
Speakers Block 3 Level 5	Point	28.0	
Speakers Block 3 Level Roof	Point	28.6	
Speakers Block 4 Level 3	Point	16.8	
Speakers Block 4 Level 3	Point	8.1	
Speakers Block 4 Level 3	Point	17.9	
Speakers Block 4 Level 3	Point	15.1	
Speakers Block 4 Level 3	Point	24.8	
Speakers Block 4 Level 3	Point	4.5	
Speakers Block 4 Level 3	Point	20.8	
Speakers Block 4 Level 3	Point	12.2	
Speakers Block 4 Level 6	Point	13.8	
Speakers Block 4 Level 6	Point	19.6	
Speakers Block 4 Level 6	Point	11.5	
Speakers Block 4 Level 6	Point	17.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	16.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	16.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.6	
Speakers Block 56 Level 2	Point	9.5	
Speakers Block 56 Level 2	Point	9.3	
Speakers Block 56 Level 2	Point	10.1	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	13.9	
Speakers Block 56 Level 6	Point	28.6	
Speakers Block 56 Level 6	Point	14.7	
Speakers Block 56 Level 6	Point	48.6	
Speakers Block 56 Level 6	Point	33.7	
Speakers Block 56 Level 6	Point	38.1	
Speakers Block 56 Level 6	Point	49.2	
Speakers Block 56 Level 6	Point	22.5	
Speakers Block 56 Level 6	Point	29.0	
Speakers Block 6 Level 2	Point	18.7	
Speakers Block 6 Level 2	Point	17.6	
Speakers Block 6 Level 2	Point	18.4	
Speakers Block 7 Level 2	Point	4.7	
Speakers Block 7 Level 2	Point	5.4	
Speakers Block 7 Level 2	Point	18.6	
Speakers Block 7 Level 2	Point	12.8	
Speakers Block 7 Level 2	Point	13.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	4.4	
Speakers Block 7 Level 5	Point	5.0	
Speakers Block 7 Level 5	Point	10.1	
Speakers Block 7 Level 5	Point	3.7	
Speakers Block 8 Level 7	Point	28.2	
Speakers Block 8 Level 7	Point	13.7	
Speakers Block 8 Level 7	Point	12.8	
Speakers Block 8 Level 7	Point	33.1	
Speakers Block 8 Level 7	Point	12.0	
Speakers Block 8 Level 7	Point	9.7	
Speakers Block 8 Level 7	Point	14.3	
Speakers Block 8 Level 7	Point	15.0	
Receiver R2 FI 1.FL Leq,d 51.7 dB(A)			
Speakers Block 1 Level 4	Point	29.2	
Speakers Block 1 Level 4	Point	25.1	
Speakers Block 1 Level 4	Point	23.7	
Speakers Block 1 Level 4	Point	23.7	
Speakers Block 1 Level 4	Point	17.7	
Speakers Block 1 Level 4	Point	16.1	
Speakers Block 1 Level 4	Point	12.9	
Speakers Block 1 Level 4	Point	13.3	
Speakers Block 1 Level 4	Point	12.8	
Speakers Block 1 Level Roof	Point	8.9	
Speakers Block 1 Level Roof	Point	8.8	
Speakers Block 1 Level Roof	Point	8.9	
Speakers Block 1 Level Roof	Point	8.8	
Speakers Block 1 Level Roof	Point	11.8	
Speakers Block 2 Level 4	Point	35.2	
Speakers Block 2 Level 4	Point	26.3	
Speakers Block 2 Level 4	Point	30.7	
Speakers Block 2 Level 4	Point	33.2	
Speakers Block 2 Level 4	Point	42.5	
Speakers Block 2 Level 4	Point	36.0	
Speakers Block 2 Level 4	Point	33.8	
Speakers Block 2 Level 4	Point	27.4	
Speakers Block 2 Level 4	Point	20.5	
Speakers Block 2 Level 4	Point	19.7	
Speakers Block 2 Level 4	Point	27.5	
Speakers Block 2 Level 4	Point	39.0	
Speakers Block 2 Level 4	Point	27.0	
Speakers Block 2 Level 4	Point	13.8	
Speakers Block 3 Level 2	Point	33.0	
Speakers Block 3 Level 2	Point	30.5	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 3 Level 2	Point	32.4	
Speakers Block 3 Level 2	Point	29.3	
Speakers Block 3 Level 2	Point	31.9	
Speakers Block 3 Level 2	Point	47.2	
Speakers Block 3 Level 2	Point	23.9	
Speakers Block 3 Level 2	Point	35.8	
Speakers Block 3 Level 5	Point	39.2	
Speakers Block 3 Level 5	Point	36.8	
Speakers Block 3 Level Roof	Point	16.6	
Speakers Block 4 Level 3	Point	31.3	
Speakers Block 4 Level 3	Point	31.9	
Speakers Block 4 Level 3	Point	18.6	
Speakers Block 4 Level 3	Point	30.7	
Speakers Block 4 Level 3	Point	29.9	
Speakers Block 4 Level 3	Point	38.3	
Speakers Block 4 Level 3	Point	26.0	
Speakers Block 4 Level 3	Point	24.7	
Speakers Block 4 Level 6	Point	29.0	
Speakers Block 4 Level 6	Point	26.7	
Speakers Block 4 Level 6	Point	27.1	
Speakers Block 4 Level 6	Point	27.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	27.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	26.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.8	
Speakers Block 56 Level 2	Point	28.8	
Speakers Block 56 Level 2	Point	16.8	
Speakers Block 56 Level 2	Point	11.8	
Speakers Block 56 Level 6	Point	4.5	
Speakers Block 56 Level 6	Point	5.8	
Speakers Block 56 Level 6	Point	22.0	
Speakers Block 56 Level 6	Point	8.3	
Speakers Block 56 Level 6	Point	23.2	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	26.3	
Speakers Block 56 Level 6	Point	26.3	
Speakers Block 56 Level 6	Point	15.0	
Speakers Block 56 Level 6	Point	9.5	
Speakers Block 6 Level 2	Point	11.0	
Speakers Block 6 Level 2	Point	11.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 6 Level 2	Point	10.6	
Speakers Block 7 Level 2	Point	24.8	
Speakers Block 7 Level 2	Point	28.2	
Speakers Block 7 Level 2	Point	38.2	
Speakers Block 7 Level 2	Point	18.4	
Speakers Block 7 Level 2	Point	18.5	
Speakers Block 7 Level 2	Point	25.4	
Speakers Block 7 Level 5	Point	23.1	
Speakers Block 7 Level 5	Point	17.9	
Speakers Block 7 Level 5	Point	18.3	
Speakers Block 8 Level 7	Point	23.3	
Speakers Block 8 Level 7	Point	12.0	
Speakers Block 8 Level 7	Point	10.6	
Speakers Block 8 Level 7	Point	20.6	
Speakers Block 8 Level 7	Point	9.5	
Speakers Block 8 Level 7	Point	16.1	
Speakers Block 8 Level 7	Point	14.1	
Speakers Block 8 Level 7	Point	19.7	
Receiver R2 FI 2.FL Leq,d 54.1 dB(A)			
Speakers Block 1 Level 4	Point	35.7	
Speakers Block 1 Level 4	Point	25.4	
Speakers Block 1 Level 4	Point	24.7	
Speakers Block 1 Level 4	Point	24.3	
Speakers Block 1 Level 4	Point	23.9	
Speakers Block 1 Level 4	Point	15.2	
Speakers Block 1 Level 4	Point	14.3	
Speakers Block 1 Level 4	Point	17.7	
Speakers Block 1 Level 4	Point	15.4	
Speakers Block 1 Level Roof	Point	7.2	
Speakers Block 1 Level Roof	Point	7.1	
Speakers Block 1 Level Roof	Point	7.3	
Speakers Block 1 Level Roof	Point	7.1	
Speakers Block 1 Level Roof	Point	12.0	
Speakers Block 2 Level 4	Point	38.0	
Speakers Block 2 Level 4	Point	31.5	
Speakers Block 2 Level 4	Point	32.4	
Speakers Block 2 Level 4	Point	32.6	
Speakers Block 2 Level 4	Point	45.7	
Speakers Block 2 Level 4	Point	38.8	
Speakers Block 2 Level 4	Point	33.2	
Speakers Block 2 Level 4	Point	27.1	
Speakers Block 2 Level 4	Point	25.1	
Speakers Block 2 Level 4	Point	24.0	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	28.0	
Speakers Block 2 Level 4	Point	42.9	
Speakers Block 2 Level 4	Point	33.7	
Speakers Block 2 Level 4	Point	19.8	
Speakers Block 3 Level 2	Point	31.2	
Speakers Block 3 Level 2	Point	29.5	
Speakers Block 3 Level 2	Point	32.4	
Speakers Block 3 Level 2	Point	27.6	
Speakers Block 3 Level 2	Point	29.7	
Speakers Block 3 Level 2	Point	51.1	
Speakers Block 3 Level 2	Point	22.8	
Speakers Block 3 Level 2	Point	34.0	
Speakers Block 3 Level 5	Point	39.7	
Speakers Block 3 Level 5	Point	38.5	
Speakers Block 3 Level Roof	Point	16.8	
Speakers Block 4 Level 3	Point	29.7	
Speakers Block 4 Level 3	Point	29.6	
Speakers Block 4 Level 3	Point	17.1	
Speakers Block 4 Level 3	Point	28.6	
Speakers Block 4 Level 3	Point	25.0	
Speakers Block 4 Level 3	Point	32.0	
Speakers Block 4 Level 3	Point	24.0	
Speakers Block 4 Level 3	Point	22.4	
Speakers Block 4 Level 6	Point	23.5	
Speakers Block 4 Level 6	Point	22.2	
Speakers Block 4 Level 6	Point	26.2	
Speakers Block 4 Level 6	Point	26.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	26.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	22.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.2	
Speakers Block 56 Level 2	Point	24.8	
Speakers Block 56 Level 2	Point	24.2	
Speakers Block 56 Level 2	Point	9.8	
Speakers Block 56 Level 6	Point	6.8	
Speakers Block 56 Level 6	Point	2.8	
Speakers Block 56 Level 6	Point	19.5	
Speakers Block 56 Level 6	Point	5.9	
Speakers Block 56 Level 6	Point	23.2	
Speakers Block 56 Level 6	Point	21.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	24.3	
Speakers Block 56 Level 6	Point	29.2	
Speakers Block 56 Level 6	Point	18.2	
Speakers Block 56 Level 6	Point	7.9	
Speakers Block 6 Level 2	Point	8.7	
Speakers Block 6 Level 2	Point	9.2	
Speakers Block 6 Level 2	Point	8.4	
Speakers Block 7 Level 2	Point	24.4	
Speakers Block 7 Level 2	Point	27.5	
Speakers Block 7 Level 2	Point	36.0	
Speakers Block 7 Level 2	Point	20.3	
Speakers Block 7 Level 2	Point	20.6	
Speakers Block 7 Level 2	Point	25.6	
Speakers Block 7 Level 5	Point	23.3	
Speakers Block 7 Level 5	Point	19.2	
Speakers Block 7 Level 5	Point	19.4	
Speakers Block 8 Level 7	Point	23.1	
Speakers Block 8 Level 7	Point	9.0	
Speakers Block 8 Level 7	Point	8.4	
Speakers Block 8 Level 7	Point	21.1	
Speakers Block 8 Level 7	Point	7.8	
Speakers Block 8 Level 7	Point	13.6	
Speakers Block 8 Level 7	Point	11.8	
Speakers Block 8 Level 7	Point	20.2	
Receiver R3 FI 1.FL Leq,d 59.2 dB(A)			
Speakers Block 1 Level 4	Point	28.1	
Speakers Block 1 Level 4	Point	9.9	
Speakers Block 1 Level 4	Point	12.3	
Speakers Block 1 Level 4	Point	18.5	
Speakers Block 1 Level 4	Point	13.1	
Speakers Block 1 Level 4	Point	22.2	
Speakers Block 1 Level 4	Point	12.1	
Speakers Block 1 Level 4	Point	12.6	
Speakers Block 1 Level 4	Point	12.1	
Speakers Block 1 Level Roof	Point	7.4	
Speakers Block 1 Level Roof	Point	6.8	
Speakers Block 1 Level Roof	Point	8.8	
Speakers Block 1 Level Roof	Point	6.5	
Speakers Block 1 Level Roof	Point	12.5	
Speakers Block 2 Level 4	Point	13.8	
Speakers Block 2 Level 4	Point	19.3	
Speakers Block 2 Level 4	Point	2.7	
Speakers Block 2 Level 4	Point	3.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	10.5	
Speakers Block 2 Level 4	Point	28.5	
Speakers Block 2 Level 4	Point	3.3	
Speakers Block 2 Level 4	Point	8.7	
Speakers Block 2 Level 4	Point	9.4	
Speakers Block 2 Level 4	Point	18.2	
Speakers Block 2 Level 4	Point	18.8	
Speakers Block 2 Level 4	Point	11.5	
Speakers Block 2 Level 4	Point	19.3	
Speakers Block 2 Level 4	Point	2.4	
Speakers Block 3 Level 2	Point	16.7	
Speakers Block 3 Level 2	Point	24.6	
Speakers Block 3 Level 2	Point	9.8	
Speakers Block 3 Level 2	Point	11.7	
Speakers Block 3 Level 2	Point	10.7	
Speakers Block 3 Level 2	Point	13.8	
Speakers Block 3 Level 2	Point	22.9	
Speakers Block 3 Level 2	Point	10.7	
Speakers Block 3 Level 5	Point	5.2	
Speakers Block 3 Level 5	Point	20.2	
Speakers Block 3 Level Roof	Point	33.0	
Speakers Block 4 Level 3	Point	20.3	
Speakers Block 4 Level 3	Point	19.3	
Speakers Block 4 Level 3	Point	27.4	
Speakers Block 4 Level 3	Point	25.3	
Speakers Block 4 Level 3	Point	40.0	
Speakers Block 4 Level 3	Point	50.8	
Speakers Block 4 Level 3	Point	44.3	
Speakers Block 4 Level 3	Point	44.1	
Speakers Block 4 Level 6	Point	36.6	
Speakers Block 4 Level 6	Point	41.8	
Speakers Block 4 Level 6	Point	31.7	
Speakers Block 4 Level 6	Point	36.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	45.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	52.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	48.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	50.7	
Speakers Block 56 Level 2	Point	46.8	
Speakers Block 56 Level 2	Point	47.9	
Speakers Block 56 Level 2	Point	47.1	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	10.7	
Speakers Block 56 Level 6	Point	27.4	
Speakers Block 56 Level 6	Point	37.6	
Speakers Block 56 Level 6	Point	39.0	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 56 Level 6	Point	18.4	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	22.0	
Speakers Block 56 Level 6	Point	22.5	
Speakers Block 56 Level 6	Point	27.6	
Speakers Block 6 Level 2	Point	37.7	
Speakers Block 6 Level 2	Point	38.6	
Speakers Block 6 Level 2	Point	35.8	
Speakers Block 7 Level 2	Point	27.2	
Speakers Block 7 Level 2	Point	20.3	
Speakers Block 7 Level 2	Point	27.6	
Speakers Block 7 Level 2	Point	13.2	
Speakers Block 7 Level 2	Point	23.7	
Speakers Block 7 Level 2	Point	20.8	
Speakers Block 7 Level 5	Point	24.1	
Speakers Block 7 Level 5	Point	22.5	
Speakers Block 7 Level 5	Point	16.5	
Speakers Block 8 Level 7	Point	46.2	
Speakers Block 8 Level 7	Point	27.4	
Speakers Block 8 Level 7	Point	12.1	
Speakers Block 8 Level 7	Point	37.5	
Speakers Block 8 Level 7	Point	11.1	
Speakers Block 8 Level 7	Point	23.7	
Speakers Block 8 Level 7	Point	32.0	
Speakers Block 8 Level 7	Point	34.8	
Receiver R3 FI 2.FL Leq,d 60.2 dB(A)			
Speakers Block 1 Level 4	Point	29.0	
Speakers Block 1 Level 4	Point	12.8	
Speakers Block 1 Level 4	Point	15.1	
Speakers Block 1 Level 4	Point	20.3	
Speakers Block 1 Level 4	Point	20.6	
Speakers Block 1 Level 4	Point	27.8	
Speakers Block 1 Level 4	Point	19.4	
Speakers Block 1 Level 4	Point	19.9	
Speakers Block 1 Level 4	Point	19.5	
Speakers Block 1 Level Roof	Point	8.4	
Speakers Block 1 Level Roof	Point	7.7	
Speakers Block 1 Level Roof	Point	9.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 1 Level Roof	Point	7.4	
Speakers Block 1 Level Roof	Point	13.5	
Speakers Block 2 Level 4	Point	19.2	
Speakers Block 2 Level 4	Point	23.3	
Speakers Block 2 Level 4	Point	4.9	
Speakers Block 2 Level 4	Point	7.6	
Speakers Block 2 Level 4	Point	12.6	
Speakers Block 2 Level 4	Point	30.8	
Speakers Block 2 Level 4	Point	10.6	
Speakers Block 2 Level 4	Point	10.6	
Speakers Block 2 Level 4	Point	11.6	
Speakers Block 2 Level 4	Point	20.0	
Speakers Block 2 Level 4	Point	20.1	
Speakers Block 2 Level 4	Point	12.6	
Speakers Block 2 Level 4	Point	19.8	
Speakers Block 2 Level 4	Point	5.7	
Speakers Block 3 Level 2	Point	16.7	
Speakers Block 3 Level 2	Point	24.3	
Speakers Block 3 Level 2	Point	10.4	
Speakers Block 3 Level 2	Point	11.9	
Speakers Block 3 Level 2	Point	11.3	
Speakers Block 3 Level 2	Point	14.0	
Speakers Block 3 Level 2	Point	22.1	
Speakers Block 3 Level 2	Point	11.1	
Speakers Block 3 Level 5	Point	8.8	
Speakers Block 3 Level 5	Point	21.9	
Speakers Block 3 Level Roof	Point	36.7	
Speakers Block 4 Level 3	Point	25.1	
Speakers Block 4 Level 3	Point	19.4	
Speakers Block 4 Level 3	Point	28.0	
Speakers Block 4 Level 3	Point	32.4	
Speakers Block 4 Level 3	Point	41.1	
Speakers Block 4 Level 3	Point	53.7	
Speakers Block 4 Level 3	Point	50.2	
Speakers Block 4 Level 3	Point	45.6	
Speakers Block 4 Level 6	Point	38.3	
Speakers Block 4 Level 6	Point	46.2	
Speakers Block 4 Level 6	Point	38.4	
Speakers Block 4 Level 6	Point	41.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	45.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	49.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	48.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	49.1	
Speakers Block 56 Level 2	Point	48.0	
Speakers Block 56 Level 2	Point	47.3	
Speakers Block 56 Level 2	Point	46.6	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	29.5	
Speakers Block 56 Level 6	Point	39.5	
Speakers Block 56 Level 6	Point	42.4	
Speakers Block 56 Level 6	Point	20.4	
Speakers Block 56 Level 6	Point	33.1	
Speakers Block 56 Level 6	Point	13.9	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	27.2	
Speakers Block 56 Level 6	Point	29.7	
Speakers Block 6 Level 2	Point	38.5	
Speakers Block 6 Level 2	Point	39.3	
Speakers Block 6 Level 2	Point	37.6	
Speakers Block 7 Level 2	Point	31.2	
Speakers Block 7 Level 2	Point	23.4	
Speakers Block 7 Level 2	Point	35.5	
Speakers Block 7 Level 2	Point	13.9	
Speakers Block 7 Level 2	Point	31.3	
Speakers Block 7 Level 2	Point	28.3	
Speakers Block 7 Level 5	Point	28.1	
Speakers Block 7 Level 5	Point	23.5	
Speakers Block 7 Level 5	Point	19.2	
Speakers Block 8 Level 7	Point	47.8	
Speakers Block 8 Level 7	Point	14.3	
Speakers Block 8 Level 7	Point	11.0	
Speakers Block 8 Level 7	Point	38.5	
Speakers Block 8 Level 7	Point	16.1	
Speakers Block 8 Level 7	Point	21.3	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	36.0	
Receiver R4 FI 1.FL Leq,d 34.8 dB(A)			
Speakers Block 1 Level 4	Point	8.3	
Speakers Block 1 Level 4	Point	-0.1	
Speakers Block 1 Level 4	Point	-0.3	
Speakers Block 1 Level 4	Point	-0.5	
Speakers Block 1 Level 4	Point	9.2	
Speakers Block 1 Level 4	Point	11.8	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 1 Level 4	Point	11.6	
Speakers Block 1 Level 4	Point	8.5	
Speakers Block 1 Level 4	Point	9.4	
Speakers Block 1 Level Roof	Point	4.5	
Speakers Block 1 Level Roof	Point	4.3	
Speakers Block 1 Level Roof	Point	4.7	
Speakers Block 1 Level Roof	Point	4.2	
Speakers Block 1 Level Roof	Point	5.8	
Speakers Block 2 Level 4	Point	17.1	
Speakers Block 2 Level 4	Point	10.1	
Speakers Block 2 Level 4	Point	12.4	
Speakers Block 2 Level 4	Point	11.1	
Speakers Block 2 Level 4	Point	17.1	
Speakers Block 2 Level 4	Point	2.9	
Speakers Block 2 Level 4	Point	11.1	
Speakers Block 2 Level 4	Point	22.0	
Speakers Block 2 Level 4	Point	26.2	
Speakers Block 2 Level 4	Point	21.5	
Speakers Block 2 Level 4	Point	11.0	
Speakers Block 2 Level 4	Point	18.0	
Speakers Block 2 Level 4	Point	10.1	
Speakers Block 2 Level 4	Point	13.5	
Speakers Block 3 Level 2	Point	19.9	
Speakers Block 3 Level 2	Point	8.7	
Speakers Block 3 Level 2	Point	20.5	
Speakers Block 3 Level 2	Point	28.5	
Speakers Block 3 Level 2	Point	19.6	
Speakers Block 3 Level 2	Point	22.9	
Speakers Block 3 Level 2	Point	12.4	
Speakers Block 3 Level 2	Point	20.2	
Speakers Block 3 Level 5	Point	8.2	
Speakers Block 3 Level 5	Point	3.4	
Speakers Block 3 Level Roof	Point	2.1	
Speakers Block 4 Level 3	Point	12.6	
Speakers Block 4 Level 3	Point	11.1	
Speakers Block 4 Level 3	Point	-1.3	
Speakers Block 4 Level 3	Point	10.1	
Speakers Block 4 Level 3	Point	9.9	
Speakers Block 4 Level 3	Point	-0.6	
Speakers Block 4 Level 3	Point	7.8	
Speakers Block 4 Level 3	Point	11.0	
Speakers Block 4 Level 6	Point	12.3	
Speakers Block 4 Level 6	Point	-1.3	
Speakers Block 4 Level 6	Point	13.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 6	Point	11.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	12.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.0	
Speakers Block 56 Level 2	Point	0.8	
Speakers Block 56 Level 2	Point	0.7	
Speakers Block 56 Level 2	Point	0.5	
Speakers Block 56 Level 6	Point	0.2	
Speakers Block 56 Level 6	Point	-5.5	
Speakers Block 56 Level 6	Point	15.1	
Speakers Block 56 Level 6	Point	-3.9	
Speakers Block 56 Level 6	Point	13.7	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 56 Level 6	Point	19.3	
Speakers Block 56 Level 6	Point	10.7	
Speakers Block 56 Level 6	Point	13.2	
Speakers Block 56 Level 6	Point	1.3	
Speakers Block 6 Level 2	Point	2.0	
Speakers Block 6 Level 2	Point	2.1	
Speakers Block 6 Level 2	Point	1.7	
Speakers Block 7 Level 2	Point	-2.3	
Speakers Block 7 Level 2	Point	-4.0	
Speakers Block 7 Level 2	Point	10.6	
Speakers Block 7 Level 2	Point	2.9	
Speakers Block 7 Level 2	Point	3.9	
Speakers Block 7 Level 2	Point	-2.5	
Speakers Block 7 Level 5	Point	-2.6	
Speakers Block 7 Level 5	Point	-0.2	
Speakers Block 7 Level 5	Point	-5.0	
Speakers Block 8 Level 7	Point	20.1	
Speakers Block 8 Level 7	Point	5.5	
Speakers Block 8 Level 7	Point	0.6	
Speakers Block 8 Level 7	Point	17.4	
Speakers Block 8 Level 7	Point	0.2	
Speakers Block 8 Level 7	Point	7.7	
Speakers Block 8 Level 7	Point	4.9	
Speakers Block 8 Level 7	Point	16.9	
Receiver R5 FI 1.FL Leq,d 56.6 dB(A)			
Speakers Block 1 Level 4	Point	20.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 1 Level 4	Point	18.2	
Speakers Block 1 Level 4	Point	18.9	
Speakers Block 1 Level 4	Point	28.2	
Speakers Block 1 Level 4	Point	15.9	
Speakers Block 1 Level 4	Point	15.8	
Speakers Block 1 Level 4	Point	15.3	
Speakers Block 1 Level 4	Point	15.4	
Speakers Block 1 Level 4	Point	15.4	
Speakers Block 1 Level Roof	Point	25.4	
Speakers Block 1 Level Roof	Point	26.2	
Speakers Block 1 Level Roof	Point	24.5	
Speakers Block 1 Level Roof	Point	26.8	
Speakers Block 1 Level Roof	Point	23.8	
Speakers Block 2 Level 4	Point	2.2	
Speakers Block 2 Level 4	Point	5.9	
Speakers Block 2 Level 4	Point	10.2	
Speakers Block 2 Level 4	Point	8.2	
Speakers Block 2 Level 4	Point	3.5	
Speakers Block 2 Level 4	Point	19.2	
Speakers Block 2 Level 4	Point	7.7	
Speakers Block 2 Level 4	Point	20.4	
Speakers Block 2 Level 4	Point	4.0	
Speakers Block 2 Level 4	Point	11.6	
Speakers Block 2 Level 4	Point	10.6	
Speakers Block 2 Level 4	Point	4.1	
Speakers Block 2 Level 4	Point	10.4	
Speakers Block 2 Level 4	Point	7.3	
Speakers Block 3 Level 2	Point	21.1	
Speakers Block 3 Level 2	Point	10.6	
Speakers Block 3 Level 2	Point	17.9	
Speakers Block 3 Level 2	Point	23.1	
Speakers Block 3 Level 2	Point	17.9	
Speakers Block 3 Level 2	Point	21.5	
Speakers Block 3 Level 2	Point	12.1	
Speakers Block 3 Level 2	Point	22.3	
Speakers Block 3 Level 5	Point	6.1	
Speakers Block 3 Level 5	Point	5.6	
Speakers Block 3 Level Roof	Point	17.9	
Speakers Block 4 Level 3	Point	13.3	
Speakers Block 4 Level 3	Point	15.7	
Speakers Block 4 Level 3	Point	0.4	
Speakers Block 4 Level 3	Point	14.1	
Speakers Block 4 Level 3	Point	-0.5	
Speakers Block 4 Level 3	Point	0.1	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 3	Point	8.8	
Speakers Block 4 Level 3	Point	13.3	
Speakers Block 4 Level 6	Point	-0.2	
Speakers Block 4 Level 6	Point	12.9	
Speakers Block 4 Level 6	Point	-1.1	
Speakers Block 4 Level 6	Point	13.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	33.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.9	
Speakers Block 56 Level 2	Point	39.2	
Speakers Block 56 Level 2	Point	39.6	
Speakers Block 56 Level 2	Point	35.3	
Speakers Block 56 Level 6	Point	35.7	
Speakers Block 56 Level 6	Point	38.5	
Speakers Block 56 Level 6	Point	32.0	
Speakers Block 56 Level 6	Point	9.2	
Speakers Block 56 Level 6	Point	12.6	
Speakers Block 56 Level 6	Point	21.0	
Speakers Block 56 Level 6	Point	27.7	
Speakers Block 56 Level 6	Point	7.9	
Speakers Block 56 Level 6	Point	25.6	
Speakers Block 56 Level 6	Point	34.1	
Speakers Block 6 Level 2	Point	39.6	
Speakers Block 6 Level 2	Point	38.9	
Speakers Block 6 Level 2	Point	40.3	
Speakers Block 7 Level 2	Point	49.4	
Speakers Block 7 Level 2	Point	42.3	
Speakers Block 7 Level 2	Point	48.0	
Speakers Block 7 Level 2	Point	48.9	
Speakers Block 7 Level 2	Point	45.3	
Speakers Block 7 Level 2	Point	45.5	
Speakers Block 7 Level 5	Point	45.9	
Speakers Block 7 Level 5	Point	44.7	
Speakers Block 7 Level 5	Point	35.7	
Speakers Block 8 Level 7	Point	6.0	
Speakers Block 8 Level 7	Point	17.4	
Speakers Block 8 Level 7	Point	17.8	
Speakers Block 8 Level 7	Point	19.4	
Speakers Block 8 Level 7	Point	18.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	25.7	
Speakers Block 8 Level 7	Point	20.4	
Speakers Block 8 Level 7	Point	20.4	
Receiver R5 FI 2.FL Leq,d 56.5 dB(A)			
Speakers Block 1 Level 4	Point	21.3	
Speakers Block 1 Level 4	Point	26.8	
Speakers Block 1 Level 4	Point	24.7	
Speakers Block 1 Level 4	Point	27.7	
Speakers Block 1 Level 4	Point	15.4	
Speakers Block 1 Level 4	Point	14.5	
Speakers Block 1 Level 4	Point	14.3	
Speakers Block 1 Level 4	Point	14.8	
Speakers Block 1 Level 4	Point	14.4	
Speakers Block 1 Level Roof	Point	32.1	
Speakers Block 1 Level Roof	Point	33.5	
Speakers Block 1 Level Roof	Point	31.0	
Speakers Block 1 Level Roof	Point	34.7	
Speakers Block 1 Level Roof	Point	30.1	
Speakers Block 2 Level 4	Point	0.9	
Speakers Block 2 Level 4	Point	5.0	
Speakers Block 2 Level 4	Point	14.4	
Speakers Block 2 Level 4	Point	6.7	
Speakers Block 2 Level 4	Point	1.5	
Speakers Block 2 Level 4	Point	18.7	
Speakers Block 2 Level 4	Point	6.1	
Speakers Block 2 Level 4	Point	19.0	
Speakers Block 2 Level 4	Point	3.0	
Speakers Block 2 Level 4	Point	10.5	
Speakers Block 2 Level 4	Point	9.8	
Speakers Block 2 Level 4	Point	3.1	
Speakers Block 2 Level 4	Point	9.7	
Speakers Block 2 Level 4	Point	6.7	
Speakers Block 3 Level 2	Point	20.1	
Speakers Block 3 Level 2	Point	9.9	
Speakers Block 3 Level 2	Point	16.4	
Speakers Block 3 Level 2	Point	22.0	
Speakers Block 3 Level 2	Point	16.4	
Speakers Block 3 Level 2	Point	20.4	
Speakers Block 3 Level 2	Point	11.4	
Speakers Block 3 Level 2	Point	21.1	
Speakers Block 3 Level 5	Point	6.2	
Speakers Block 3 Level 5	Point	4.9	
Speakers Block 3 Level Roof	Point	17.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 3	Point	12.7	
Speakers Block 4 Level 3	Point	14.5	
Speakers Block 4 Level 3	Point	-0.1	
Speakers Block 4 Level 3	Point	13.3	
Speakers Block 4 Level 3	Point	-1.3	
Speakers Block 4 Level 3	Point	-0.3	
Speakers Block 4 Level 3	Point	8.4	
Speakers Block 4 Level 3	Point	12.6	
Speakers Block 4 Level 6	Point	2.5	
Speakers Block 4 Level 6	Point	13.7	
Speakers Block 4 Level 6	Point	-0.8	
Speakers Block 4 Level 6	Point	13.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	27.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	20.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	32.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.0	
Speakers Block 56 Level 2	Point	37.0	
Speakers Block 56 Level 2	Point	34.7	
Speakers Block 56 Level 2	Point	32.3	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	42.2	
Speakers Block 56 Level 6	Point	29.3	
Speakers Block 56 Level 6	Point	10.3	
Speakers Block 56 Level 6	Point	3.7	
Speakers Block 56 Level 6	Point	17.9	
Speakers Block 56 Level 6	Point	11.0	
Speakers Block 56 Level 6	Point	9.6	
Speakers Block 56 Level 6	Point	34.9	
Speakers Block 56 Level 6	Point	37.8	
Speakers Block 6 Level 2	Point	38.6	
Speakers Block 6 Level 2	Point	38.1	
Speakers Block 6 Level 2	Point	39.2	
Speakers Block 7 Level 2	Point	48.0	
Speakers Block 7 Level 2	Point	43.9	
Speakers Block 7 Level 2	Point	50.0	
Speakers Block 7 Level 2	Point	47.6	
Speakers Block 7 Level 2	Point	43.7	
Speakers Block 7 Level 2	Point	47.7	
Speakers Block 7 Level 5	Point	38.2	
Speakers Block 7 Level 5	Point	44.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 5	Point	37.6	
Speakers Block 8 Level 7	Point	5.8	
Speakers Block 8 Level 7	Point	16.6	
Speakers Block 8 Level 7	Point	20.5	
Speakers Block 8 Level 7	Point	19.9	
Speakers Block 8 Level 7	Point	20.0	
Speakers Block 8 Level 7	Point	31.3	
Speakers Block 8 Level 7	Point	27.5	
Speakers Block 8 Level 7	Point	20.9	
Receiver R6 FI 1.FL Leq,d 48.8 dB(A)			
Speakers Block 1 Level 4	Point	6.5	
Speakers Block 1 Level 4	Point	11.6	
Speakers Block 1 Level 4	Point	13.2	
Speakers Block 1 Level 4	Point	17.9	
Speakers Block 1 Level 4	Point	-1.2	
Speakers Block 1 Level 4	Point	0.7	
Speakers Block 1 Level 4	Point	-0.7	
Speakers Block 1 Level 4	Point	-1.2	
Speakers Block 1 Level 4	Point	-1.0	
Speakers Block 1 Level Roof	Point	20.3	
Speakers Block 1 Level Roof	Point	21.1	
Speakers Block 1 Level Roof	Point	19.7	
Speakers Block 1 Level Roof	Point	22.6	
Speakers Block 1 Level Roof	Point	19.0	
Speakers Block 2 Level 4	Point	-4.8	
Speakers Block 2 Level 4	Point	-2.1	
Speakers Block 2 Level 4	Point	0.7	
Speakers Block 2 Level 4	Point	-0.4	
Speakers Block 2 Level 4	Point	-4.1	
Speakers Block 2 Level 4	Point	10.9	
Speakers Block 2 Level 4	Point	-0.6	
Speakers Block 2 Level 4	Point	13.6	
Speakers Block 2 Level 4	Point	-2.8	
Speakers Block 2 Level 4	Point	2.8	
Speakers Block 2 Level 4	Point	-0.8	
Speakers Block 2 Level 4	Point	-3.8	
Speakers Block 2 Level 4	Point	-1.4	
Speakers Block 2 Level 4	Point	-0.2	
Speakers Block 3 Level 2	Point	14.7	
Speakers Block 3 Level 2	Point	3.8	
Speakers Block 3 Level 2	Point	10.4	
Speakers Block 3 Level 2	Point	16.6	
Speakers Block 3 Level 2	Point	10.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 3 Level 2	Point	14.6	
Speakers Block 3 Level 2	Point	6.3	
Speakers Block 3 Level 2	Point	15.4	
Speakers Block 3 Level 5	Point	0.3	
Speakers Block 3 Level 5	Point	-2.0	
Speakers Block 3 Level Roof	Point	10.8	
Speakers Block 4 Level 3	Point	8.2	
Speakers Block 4 Level 3	Point	-6.8	
Speakers Block 4 Level 3	Point	-4.5	
Speakers Block 4 Level 3	Point	8.4	
Speakers Block 4 Level 3	Point	-5.6	
Speakers Block 4 Level 3	Point	-4.9	
Speakers Block 4 Level 3	Point	1.5	
Speakers Block 4 Level 3	Point	8.2	
Speakers Block 4 Level 6	Point	-6.2	
Speakers Block 4 Level 6	Point	7.8	
Speakers Block 4 Level 6	Point	-7.0	
Speakers Block 4 Level 6	Point	8.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	11.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.4	
Speakers Block 56 Level 2	Point	5.1	
Speakers Block 56 Level 2	Point	5.0	
Speakers Block 56 Level 2	Point	5.8	
Speakers Block 56 Level 6	Point	31.6	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	28.3	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 56 Level 6	Point	-2.7	
Speakers Block 56 Level 6	Point	19.3	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 56 Level 6	Point	-1.9	
Speakers Block 56 Level 6	Point	14.0	
Speakers Block 56 Level 6	Point	20.3	
Speakers Block 6 Level 2	Point	12.8	
Speakers Block 6 Level 2	Point	12.7	
Speakers Block 6 Level 2	Point	12.6	
Speakers Block 7 Level 2	Point	15.6	
Speakers Block 7 Level 2	Point	28.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	12.2	
Speakers Block 7 Level 2	Point	19.4	
Speakers Block 7 Level 2	Point	22.2	
Speakers Block 7 Level 2	Point	16.2	
Speakers Block 7 Level 5	Point	42.7	
Speakers Block 7 Level 5	Point	35.9	
Speakers Block 7 Level 5	Point	46.5	
Speakers Block 8 Level 7	Point	5.7	
Speakers Block 8 Level 7	Point	7.1	
Speakers Block 8 Level 7	Point	7.3	
Speakers Block 8 Level 7	Point	10.8	
Speakers Block 8 Level 7	Point	9.5	
Speakers Block 8 Level 7	Point	22.6	
Speakers Block 8 Level 7	Point	33.4	
Speakers Block 8 Level 7	Point	12.3	
Receiver R7 FI 1.FL Leq,d 47.7 dB(A)			
Speakers Block 1 Level 4	Point	23.9	
Speakers Block 1 Level 4	Point	24.6	
Speakers Block 1 Level 4	Point	24.9	
Speakers Block 1 Level 4	Point	25.2	
Speakers Block 1 Level 4	Point	1.1	
Speakers Block 1 Level 4	Point	4.1	
Speakers Block 1 Level 4	Point	0.0	
Speakers Block 1 Level 4	Point	0.5	
Speakers Block 1 Level 4	Point	0.3	
Speakers Block 1 Level Roof	Point	33.0	
Speakers Block 1 Level Roof	Point	32.9	
Speakers Block 1 Level Roof	Point	33.1	
Speakers Block 1 Level Roof	Point	32.5	
Speakers Block 1 Level Roof	Point	33.1	
Speakers Block 2 Level 4	Point	7.8	
Speakers Block 2 Level 4	Point	9.6	
Speakers Block 2 Level 4	Point	12.1	
Speakers Block 2 Level 4	Point	22.0	
Speakers Block 2 Level 4	Point	15.2	
Speakers Block 2 Level 4	Point	31.5	
Speakers Block 2 Level 4	Point	18.3	
Speakers Block 2 Level 4	Point	10.8	
Speakers Block 2 Level 4	Point	-2.5	
Speakers Block 2 Level 4	Point	5.9	
Speakers Block 2 Level 4	Point	5.7	
Speakers Block 2 Level 4	Point	0.0	
Speakers Block 2 Level 4	Point	6.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	-0.1	
Speakers Block 3 Level 2	Point	16.0	
Speakers Block 3 Level 2	Point	9.8	
Speakers Block 3 Level 2	Point	12.5	
Speakers Block 3 Level 2	Point	15.7	
Speakers Block 3 Level 2	Point	13.0	
Speakers Block 3 Level 2	Point	14.9	
Speakers Block 3 Level 2	Point	5.3	
Speakers Block 3 Level 2	Point	15.8	
Speakers Block 3 Level 5	Point	9.1	
Speakers Block 3 Level 5	Point	7.3	
Speakers Block 3 Level Roof	Point	24.2	
Speakers Block 4 Level 3	Point	18.2	
Speakers Block 4 Level 3	Point	-4.7	
Speakers Block 4 Level 3	Point	-0.6	
Speakers Block 4 Level 3	Point	13.1	
Speakers Block 4 Level 3	Point	10.8	
Speakers Block 4 Level 3	Point	11.1	
Speakers Block 4 Level 3	Point	5.9	
Speakers Block 4 Level 3	Point	21.5	
Speakers Block 4 Level 6	Point	30.4	
Speakers Block 4 Level 6	Point	32.5	
Speakers Block 4 Level 6	Point	13.2	
Speakers Block 4 Level 6	Point	13.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	36.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.7	
Speakers Block 56 Level 2	Point	33.0	
Speakers Block 56 Level 2	Point	34.7	
Speakers Block 56 Level 2	Point	35.3	
Speakers Block 56 Level 6	Point	34.8	
Speakers Block 56 Level 6	Point	35.4	
Speakers Block 56 Level 6	Point	30.7	
Speakers Block 56 Level 6	Point	24.8	
Speakers Block 56 Level 6	Point	16.4	
Speakers Block 56 Level 6	Point	33.0	
Speakers Block 56 Level 6	Point	25.3	
Speakers Block 56 Level 6	Point	14.0	
Speakers Block 56 Level 6	Point	28.2	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	24.3	
Speakers Block 6 Level 2	Point	21.4	
Speakers Block 6 Level 2	Point	20.3	
Speakers Block 6 Level 2	Point	26.5	
Speakers Block 7 Level 2	Point	27.6	
Speakers Block 7 Level 2	Point	29.1	
Speakers Block 7 Level 2	Point	17.0	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 2	Point	28.7	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 5	Point	31.6	
Speakers Block 7 Level 5	Point	27.8	
Speakers Block 7 Level 5	Point	29.4	
Speakers Block 8 Level 7	Point	15.2	
Speakers Block 8 Level 7	Point	11.0	
Speakers Block 8 Level 7	Point	12.3	
Speakers Block 8 Level 7	Point	17.5	
Speakers Block 8 Level 7	Point	15.1	
Speakers Block 8 Level 7	Point	29.9	
Speakers Block 8 Level 7	Point	38.8	
Speakers Block 8 Level 7	Point	32.1	
Receiver R7 FI 2.FL Leq,d 52.4 dB(A)			
Speakers Block 1 Level 4	Point	25.1	
Speakers Block 1 Level 4	Point	25.5	
Speakers Block 1 Level 4	Point	25.8	
Speakers Block 1 Level 4	Point	26.1	
Speakers Block 1 Level 4	Point	2.9	
Speakers Block 1 Level 4	Point	4.8	
Speakers Block 1 Level 4	Point	1.7	
Speakers Block 1 Level 4	Point	2.0	
Speakers Block 1 Level 4	Point	1.8	
Speakers Block 1 Level Roof	Point	36.5	
Speakers Block 1 Level Roof	Point	36.3	
Speakers Block 1 Level Roof	Point	36.5	
Speakers Block 1 Level Roof	Point	35.9	
Speakers Block 1 Level Roof	Point	36.5	
Speakers Block 2 Level 4	Point	18.3	
Speakers Block 2 Level 4	Point	11.7	
Speakers Block 2 Level 4	Point	13.4	
Speakers Block 2 Level 4	Point	22.8	
Speakers Block 2 Level 4	Point	16.4	
Speakers Block 2 Level 4	Point	35.5	
Speakers Block 2 Level 4	Point	20.4	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	10.6	
Speakers Block 2 Level 4	Point	-1.9	
Speakers Block 2 Level 4	Point	5.8	
Speakers Block 2 Level 4	Point	5.7	
Speakers Block 2 Level 4	Point	1.0	
Speakers Block 2 Level 4	Point	6.5	
Speakers Block 2 Level 4	Point	0.6	
Speakers Block 3 Level 2	Point	19.1	
Speakers Block 3 Level 2	Point	8.7	
Speakers Block 3 Level 2	Point	14.2	
Speakers Block 3 Level 2	Point	15.1	
Speakers Block 3 Level 2	Point	12.6	
Speakers Block 3 Level 2	Point	19.2	
Speakers Block 3 Level 2	Point	8.4	
Speakers Block 3 Level 2	Point	15.3	
Speakers Block 3 Level 5	Point	15.0	
Speakers Block 3 Level 5	Point	12.4	
Speakers Block 3 Level Roof	Point	31.0	
Speakers Block 4 Level 3	Point	25.1	
Speakers Block 4 Level 3	Point	-4.6	
Speakers Block 4 Level 3	Point	-0.7	
Speakers Block 4 Level 3	Point	12.8	
Speakers Block 4 Level 3	Point	21.3	
Speakers Block 4 Level 3	Point	18.7	
Speakers Block 4 Level 3	Point	7.7	
Speakers Block 4 Level 3	Point	25.9	
Speakers Block 4 Level 6	Point	34.2	
Speakers Block 4 Level 6	Point	36.4	
Speakers Block 4 Level 6	Point	22.9	
Speakers Block 4 Level 6	Point	20.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	40.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	9.6	
Speakers Block 56 Level 2	Point	35.1	
Speakers Block 56 Level 2	Point	36.0	
Speakers Block 56 Level 2	Point	34.3	
Speakers Block 56 Level 6	Point	38.8	
Speakers Block 56 Level 6	Point	39.4	
Speakers Block 56 Level 6	Point	33.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	28.2	
Speakers Block 56 Level 6	Point	23.1	
Speakers Block 56 Level 6	Point	36.7	
Speakers Block 56 Level 6	Point	32.8	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	25.7	
Speakers Block 6 Level 2	Point	22.3	
Speakers Block 6 Level 2	Point	21.4	
Speakers Block 6 Level 2	Point	27.5	
Speakers Block 7 Level 2	Point	31.6	
Speakers Block 7 Level 2	Point	33.5	
Speakers Block 7 Level 2	Point	18.8	
Speakers Block 7 Level 2	Point	33.2	
Speakers Block 7 Level 2	Point	31.1	
Speakers Block 7 Level 2	Point	32.2	
Speakers Block 7 Level 5	Point	44.7	
Speakers Block 7 Level 5	Point	40.9	
Speakers Block 7 Level 5	Point	42.5	
Speakers Block 8 Level 7	Point	14.7	
Speakers Block 8 Level 7	Point	10.5	
Speakers Block 8 Level 7	Point	15.8	
Speakers Block 8 Level 7	Point	25.6	
Speakers Block 8 Level 7	Point	18.0	
Speakers Block 8 Level 7	Point	31.8	
Speakers Block 8 Level 7	Point	40.9	
Speakers Block 8 Level 7	Point	35.1	
Receiver R8 FI 1.FL Leq,d 43.5 dB(A)			
Speakers Block 1 Level 4	Point	4.8	
Speakers Block 1 Level 4	Point	6.9	
Speakers Block 1 Level 4	Point	7.6	
Speakers Block 1 Level 4	Point	6.2	
Speakers Block 1 Level 4	Point	-3.1	
Speakers Block 1 Level 4	Point	0.1	
Speakers Block 1 Level 4	Point	-3.7	
Speakers Block 1 Level 4	Point	-3.4	
Speakers Block 1 Level 4	Point	-3.5	
Speakers Block 1 Level Roof	Point	28.7	
Speakers Block 1 Level Roof	Point	27.1	
Speakers Block 1 Level Roof	Point	30.1	
Speakers Block 1 Level Roof	Point	24.9	
Speakers Block 1 Level Roof	Point	31.2	
Speakers Block 2 Level 4	Point	1.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	5.3	
Speakers Block 2 Level 4	Point	2.7	
Speakers Block 2 Level 4	Point	-1.5	
Speakers Block 2 Level 4	Point	7.1	
Speakers Block 2 Level 4	Point	9.1	
Speakers Block 2 Level 4	Point	-1.6	
Speakers Block 2 Level 4	Point	6.7	
Speakers Block 2 Level 4	Point	-6.1	
Speakers Block 2 Level 4	Point	2.3	
Speakers Block 2 Level 4	Point	1.8	
Speakers Block 2 Level 4	Point	-4.8	
Speakers Block 2 Level 4	Point	2.2	
Speakers Block 2 Level 4	Point	-5.0	
Speakers Block 3 Level 2	Point	11.3	
Speakers Block 3 Level 2	Point	7.1	
Speakers Block 3 Level 2	Point	9.4	
Speakers Block 3 Level 2	Point	13.0	
Speakers Block 3 Level 2	Point	-2.8	
Speakers Block 3 Level 2	Point	12.1	
Speakers Block 3 Level 2	Point	2.2	
Speakers Block 3 Level 2	Point	12.0	
Speakers Block 3 Level 5	Point	5.6	
Speakers Block 3 Level 5	Point	8.5	
Speakers Block 3 Level Roof	Point	10.1	
Speakers Block 4 Level 3	Point	18.6	
Speakers Block 4 Level 3	Point	-7.6	
Speakers Block 4 Level 3	Point	0.3	
Speakers Block 4 Level 3	Point	8.4	
Speakers Block 4 Level 3	Point	30.3	
Speakers Block 4 Level 3	Point	7.7	
Speakers Block 4 Level 3	Point	18.4	
Speakers Block 4 Level 3	Point	33.3	
Speakers Block 4 Level 6	Point	29.2	
Speakers Block 4 Level 6	Point	32.9	
Speakers Block 4 Level 6	Point	-6.0	
Speakers Block 4 Level 6	Point	9.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	24.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	1.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 2	Point	28.9	
Speakers Block 56 Level 2	Point	28.6	
Speakers Block 56 Level 2	Point	28.0	
Speakers Block 56 Level 6	Point	27.9	
Speakers Block 56 Level 6	Point	31.9	
Speakers Block 56 Level 6	Point	18.2	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 56 Level 6	Point	29.7	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	13.7	
Speakers Block 56 Level 6	Point	19.0	
Speakers Block 56 Level 6	Point	20.6	
Speakers Block 6 Level 2	Point	6.9	
Speakers Block 6 Level 2	Point	5.0	
Speakers Block 6 Level 2	Point	10.4	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 2	Point	22.6	
Speakers Block 7 Level 2	Point	9.0	
Speakers Block 7 Level 2	Point	18.0	
Speakers Block 7 Level 2	Point	16.1	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 5	Point	17.8	
Speakers Block 7 Level 5	Point	16.6	
Speakers Block 7 Level 5	Point	20.6	
Speakers Block 8 Level 7	Point	14.7	
Speakers Block 8 Level 7	Point	4.2	
Speakers Block 8 Level 7	Point	4.8	
Speakers Block 8 Level 7	Point	30.8	
Speakers Block 8 Level 7	Point	11.6	
Speakers Block 8 Level 7	Point	28.3	
Speakers Block 8 Level 7	Point	32.7	
Speakers Block 8 Level 7	Point	31.5	
Receiver R9 FI 1.FL Leq,d 47.8 dB(A)			
Speakers Block 1 Level 4	Point	14.7	
Speakers Block 1 Level 4	Point	1.7	
Speakers Block 1 Level 4	Point	13.4	
Speakers Block 1 Level 4	Point	14.7	
Speakers Block 1 Level 4	Point	0.3	
Speakers Block 1 Level 4	Point	11.1	
Speakers Block 1 Level 4	Point	-2.0	
Speakers Block 1 Level 4	Point	-1.4	
Speakers Block 1 Level 4	Point	-1.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 1 Level Roof	Point	10.8	
Speakers Block 1 Level Roof	Point	10.3	
Speakers Block 1 Level Roof	Point	16.0	
Speakers Block 1 Level Roof	Point	8.8	
Speakers Block 1 Level Roof	Point	16.4	
Speakers Block 2 Level 4	Point	1.5	
Speakers Block 2 Level 4	Point	15.4	
Speakers Block 2 Level 4	Point	2.9	
Speakers Block 2 Level 4	Point	1.2	
Speakers Block 2 Level 4	Point	2.4	
Speakers Block 2 Level 4	Point	6.0	
Speakers Block 2 Level 4	Point	-1.3	
Speakers Block 2 Level 4	Point	5.3	
Speakers Block 2 Level 4	Point	1.2	
Speakers Block 2 Level 4	Point	15.2	
Speakers Block 2 Level 4	Point	15.8	
Speakers Block 2 Level 4	Point	2.6	
Speakers Block 2 Level 4	Point	16.7	
Speakers Block 2 Level 4	Point	0.4	
Speakers Block 3 Level 2	Point	13.8	
Speakers Block 3 Level 2	Point	17.7	
Speakers Block 3 Level 2	Point	5.5	
Speakers Block 3 Level 2	Point	4.4	
Speakers Block 3 Level 2	Point	5.2	
Speakers Block 3 Level 2	Point	13.7	
Speakers Block 3 Level 2	Point	5.2	
Speakers Block 3 Level 2	Point	5.0	
Speakers Block 3 Level 5	Point	1.6	
Speakers Block 3 Level 5	Point	11.8	
Speakers Block 3 Level Roof	Point	9.3	
Speakers Block 4 Level 3	Point	19.9	
Speakers Block 4 Level 3	Point	16.4	
Speakers Block 4 Level 3	Point	17.9	
Speakers Block 4 Level 3	Point	17.8	
Speakers Block 4 Level 3	Point	22.6	
Speakers Block 4 Level 3	Point	31.8	
Speakers Block 4 Level 3	Point	24.8	
Speakers Block 4 Level 3	Point	31.0	
Speakers Block 4 Level 6	Point	22.4	
Speakers Block 4 Level 6	Point	35.5	
Speakers Block 4 Level 6	Point	23.3	
Speakers Block 4 Level 6	Point	30.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	22.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	27.7	
Speakers Block 56 Level 2	Point	30.3	
Speakers Block 56 Level 2	Point	30.5	
Speakers Block 56 Level 2	Point	31.8	
Speakers Block 56 Level 6	Point	15.5	
Speakers Block 56 Level 6	Point	16.1	
Speakers Block 56 Level 6	Point	21.7	
Speakers Block 56 Level 6	Point	26.2	
Speakers Block 56 Level 6	Point	16.6	
Speakers Block 56 Level 6	Point	13.1	
Speakers Block 56 Level 6	Point	9.2	
Speakers Block 56 Level 6	Point	13.1	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	11.7	
Speakers Block 6 Level 2	Point	5.6	
Speakers Block 6 Level 2	Point	18.7	
Speakers Block 6 Level 2	Point	5.4	
Speakers Block 7 Level 2	Point	20.7	
Speakers Block 7 Level 2	Point	7.6	
Speakers Block 7 Level 2	Point	18.2	
Speakers Block 7 Level 2	Point	18.5	
Speakers Block 7 Level 2	Point	19.5	
Speakers Block 7 Level 2	Point	18.2	
Speakers Block 7 Level 5	Point	15.0	
Speakers Block 7 Level 5	Point	2.6	
Speakers Block 7 Level 5	Point	6.3	
Speakers Block 8 Level 7	Point	26.4	
Speakers Block 8 Level 7	Point	41.5	
Speakers Block 8 Level 7	Point	37.5	
Speakers Block 8 Level 7	Point	38.2	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	35.7	
Speakers Block 8 Level 7	Point	38.5	
Speakers Block 8 Level 7	Point	36.2	
Receiver R10 FI 1.FL Leq,d 45.5 dB(A)			
Speakers Block 1 Level 4	Point	11.2	
Speakers Block 1 Level 4	Point	12.3	
Speakers Block 1 Level 4	Point	13.0	
Speakers Block 1 Level 4	Point	13.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 1 Level 4	Point	-2.1	
Speakers Block 1 Level 4	Point	8.6	
Speakers Block 1 Level 4	Point	-2.8	
Speakers Block 1 Level 4	Point	-2.6	
Speakers Block 1 Level 4	Point	-2.6	
Speakers Block 1 Level Roof	Point	17.0	
Speakers Block 1 Level Roof	Point	16.3	
Speakers Block 1 Level Roof	Point	17.4	
Speakers Block 1 Level Roof	Point	16.0	
Speakers Block 1 Level Roof	Point	17.8	
Speakers Block 2 Level 4	Point	-1.5	
Speakers Block 2 Level 4	Point	10.1	
Speakers Block 2 Level 4	Point	0.5	
Speakers Block 2 Level 4	Point	-1.9	
Speakers Block 2 Level 4	Point	-1.1	
Speakers Block 2 Level 4	Point	6.1	
Speakers Block 2 Level 4	Point	-3.0	
Speakers Block 2 Level 4	Point	3.2	
Speakers Block 2 Level 4	Point	-3.0	
Speakers Block 2 Level 4	Point	10.0	
Speakers Block 2 Level 4	Point	10.3	
Speakers Block 2 Level 4	Point	-1.6	
Speakers Block 2 Level 4	Point	11.0	
Speakers Block 2 Level 4	Point	-3.3	
Speakers Block 3 Level 2	Point	11.3	
Speakers Block 3 Level 2	Point	13.2	
Speakers Block 3 Level 2	Point	1.2	
Speakers Block 3 Level 2	Point	0.9	
Speakers Block 3 Level 2	Point	1.8	
Speakers Block 3 Level 2	Point	11.4	
Speakers Block 3 Level 2	Point	1.4	
Speakers Block 3 Level 2	Point	0.8	
Speakers Block 3 Level 5	Point	-4.0	
Speakers Block 3 Level 5	Point	6.9	
Speakers Block 3 Level Roof	Point	6.8	
Speakers Block 4 Level 3	Point	11.9	
Speakers Block 4 Level 3	Point	8.6	
Speakers Block 4 Level 3	Point	12.3	
Speakers Block 4 Level 3	Point	11.5	
Speakers Block 4 Level 3	Point	1.7	
Speakers Block 4 Level 3	Point	12.8	
Speakers Block 4 Level 3	Point	10.0	
Speakers Block 4 Level 3	Point	14.3	
Speakers Block 4 Level 6	Point	8.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 6	Point	21.6	
Speakers Block 4 Level 6	Point	0.7	
Speakers Block 4 Level 6	Point	12.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	10.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	9.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.2	
Speakers Block 56 Level 2	Point	20.3	
Speakers Block 56 Level 2	Point	19.2	
Speakers Block 56 Level 2	Point	19.6	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	7.6	
Speakers Block 56 Level 6	Point	18.7	
Speakers Block 56 Level 6	Point	10.6	
Speakers Block 56 Level 6	Point	7.6	
Speakers Block 56 Level 6	Point	11.5	
Speakers Block 56 Level 6	Point	9.9	
Speakers Block 56 Level 6	Point	20.0	
Speakers Block 56 Level 6	Point	7.3	
Speakers Block 6 Level 2	Point	1.0	
Speakers Block 6 Level 2	Point	0.8	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 7 Level 2	Point	22.9	
Speakers Block 7 Level 2	Point	25.5	
Speakers Block 7 Level 2	Point	16.6	
Speakers Block 7 Level 2	Point	21.8	
Speakers Block 7 Level 2	Point	20.0	
Speakers Block 7 Level 2	Point	20.8	
Speakers Block 7 Level 5	Point	27.2	
Speakers Block 7 Level 5	Point	8.7	
Speakers Block 7 Level 5	Point	18.1	
Speakers Block 8 Level 7	Point	19.6	
Speakers Block 8 Level 7	Point	34.7	
Speakers Block 8 Level 7	Point	37.0	
Speakers Block 8 Level 7	Point	36.4	
Speakers Block 8 Level 7	Point	39.3	
Speakers Block 8 Level 7	Point	29.8	
Speakers Block 8 Level 7	Point	38.9	
Speakers Block 8 Level 7	Point	34.8	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 1.FL Leq,d 43.7 dB(A)			
Speakers Block 1 Level 4	Point	20.7	
Speakers Block 1 Level 4	Point	21.2	
Speakers Block 1 Level 4	Point	22.4	
Speakers Block 1 Level 4	Point	19.0	
Speakers Block 1 Level 4	Point	-0.7	
Speakers Block 1 Level 4	Point	6.7	
Speakers Block 1 Level 4	Point	-3.2	
Speakers Block 1 Level 4	Point	-2.2	
Speakers Block 1 Level 4	Point	-2.8	
Speakers Block 1 Level Roof	Point	29.0	
Speakers Block 1 Level Roof	Point	28.8	
Speakers Block 1 Level Roof	Point	29.2	
Speakers Block 1 Level Roof	Point	28.5	
Speakers Block 1 Level Roof	Point	31.0	
Speakers Block 2 Level 4	Point	1.9	
Speakers Block 2 Level 4	Point	11.8	
Speakers Block 2 Level 4	Point	6.4	
Speakers Block 2 Level 4	Point	1.0	
Speakers Block 2 Level 4	Point	2.4	
Speakers Block 2 Level 4	Point	9.6	
Speakers Block 2 Level 4	Point	0.3	
Speakers Block 2 Level 4	Point	5.1	
Speakers Block 2 Level 4	Point	-4.1	
Speakers Block 2 Level 4	Point	7.0	
Speakers Block 2 Level 4	Point	7.5	
Speakers Block 2 Level 4	Point	-3.4	
Speakers Block 2 Level 4	Point	7.6	
Speakers Block 2 Level 4	Point	-4.1	
Speakers Block 3 Level 2	Point	10.7	
Speakers Block 3 Level 2	Point	11.6	
Speakers Block 3 Level 2	Point	0.8	
Speakers Block 3 Level 2	Point	-0.8	
Speakers Block 3 Level 2	Point	-0.4	
Speakers Block 3 Level 2	Point	10.8	
Speakers Block 3 Level 2	Point	1.7	
Speakers Block 3 Level 2	Point	-0.5	
Speakers Block 3 Level 5	Point	-5.0	
Speakers Block 3 Level 5	Point	4.1	
Speakers Block 3 Level Roof	Point	6.5	
Speakers Block 4 Level 3	Point	12.1	
Speakers Block 4 Level 3	Point	7.4	
Speakers Block 4 Level 3	Point	9.0	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 3	Point	10.8	
Speakers Block 4 Level 3	Point	13.6	
Speakers Block 4 Level 3	Point	10.2	
Speakers Block 4 Level 3	Point	6.8	
Speakers Block 4 Level 3	Point	12.9	
Speakers Block 4 Level 6	Point	8.5	
Speakers Block 4 Level 6	Point	24.7	
Speakers Block 4 Level 6	Point	11.7	
Speakers Block 4 Level 6	Point	9.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.2	
Speakers Block 56 Level 2	Point	17.9	
Speakers Block 56 Level 2	Point	19.4	
Speakers Block 56 Level 2	Point	23.3	
Speakers Block 56 Level 6	Point	24.3	
Speakers Block 56 Level 6	Point	23.6	
Speakers Block 56 Level 6	Point	18.1	
Speakers Block 56 Level 6	Point	22.7	
Speakers Block 56 Level 6	Point	12.0	
Speakers Block 56 Level 6	Point	19.8	
Speakers Block 56 Level 6	Point	18.5	
Speakers Block 56 Level 6	Point	6.8	
Speakers Block 56 Level 6	Point	31.0	
Speakers Block 56 Level 6	Point	14.7	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 6 Level 2	Point	0.7	
Speakers Block 6 Level 2	Point	2.8	
Speakers Block 7 Level 2	Point	25.4	
Speakers Block 7 Level 2	Point	17.0	
Speakers Block 7 Level 2	Point	15.5	
Speakers Block 7 Level 2	Point	25.1	
Speakers Block 7 Level 2	Point	25.7	
Speakers Block 7 Level 2	Point	25.7	
Speakers Block 7 Level 5	Point	31.5	
Speakers Block 7 Level 5	Point	26.3	
Speakers Block 7 Level 5	Point	25.6	
Speakers Block 8 Level 7	Point	21.0	
Speakers Block 8 Level 7	Point	28.1	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	30.9	
Speakers Block 8 Level 7	Point	32.5	
Speakers Block 8 Level 7	Point	34.8	
Speakers Block 8 Level 7	Point	32.2	
Speakers Block 8 Level 7	Point	34.1	
Speakers Block 8 Level 7	Point	26.8	
Receiver R11 FI 2.FL Leq,d 47.1 dB(A)			
Speakers Block 1 Level 4	Point	24.9	
Speakers Block 1 Level 4	Point	24.5	
Speakers Block 1 Level 4	Point	25.6	
Speakers Block 1 Level 4	Point	22.6	
Speakers Block 1 Level 4	Point	4.4	
Speakers Block 1 Level 4	Point	8.2	
Speakers Block 1 Level 4	Point	0.0	
Speakers Block 1 Level 4	Point	1.6	
Speakers Block 1 Level 4	Point	0.6	
Speakers Block 1 Level Roof	Point	30.5	
Speakers Block 1 Level Roof	Point	30.3	
Speakers Block 1 Level Roof	Point	30.7	
Speakers Block 1 Level Roof	Point	30.0	
Speakers Block 1 Level Roof	Point	32.1	
Speakers Block 2 Level 4	Point	5.1	
Speakers Block 2 Level 4	Point	14.4	
Speakers Block 2 Level 4	Point	8.1	
Speakers Block 2 Level 4	Point	3.5	
Speakers Block 2 Level 4	Point	4.7	
Speakers Block 2 Level 4	Point	12.0	
Speakers Block 2 Level 4	Point	2.6	
Speakers Block 2 Level 4	Point	8.3	
Speakers Block 2 Level 4	Point	-1.4	
Speakers Block 2 Level 4	Point	9.2	
Speakers Block 2 Level 4	Point	10.8	
Speakers Block 2 Level 4	Point	-3.2	
Speakers Block 2 Level 4	Point	7.3	
Speakers Block 2 Level 4	Point	-3.9	
Speakers Block 3 Level 2	Point	10.2	
Speakers Block 3 Level 2	Point	10.9	
Speakers Block 3 Level 2	Point	0.6	
Speakers Block 3 Level 2	Point	-0.7	
Speakers Block 3 Level 2	Point	-0.4	
Speakers Block 3 Level 2	Point	10.3	
Speakers Block 3 Level 2	Point	1.5	
Speakers Block 3 Level 2	Point	-0.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 3 Level 5	Point	-3.8	
Speakers Block 3 Level 5	Point	3.8	
Speakers Block 3 Level Roof	Point	7.4	
Speakers Block 4 Level 3	Point	20.4	
Speakers Block 4 Level 3	Point	6.6	
Speakers Block 4 Level 3	Point	8.8	
Speakers Block 4 Level 3	Point	12.6	
Speakers Block 4 Level 3	Point	26.3	
Speakers Block 4 Level 3	Point	17.7	
Speakers Block 4 Level 3	Point	10.9	
Speakers Block 4 Level 3	Point	20.8	
Speakers Block 4 Level 6	Point	18.3	
Speakers Block 4 Level 6	Point	29.1	
Speakers Block 4 Level 6	Point	21.5	
Speakers Block 4 Level 6	Point	14.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.0	
Speakers Block 56 Level 2	Point	21.1	
Speakers Block 56 Level 2	Point	22.0	
Speakers Block 56 Level 2	Point	24.9	
Speakers Block 56 Level 6	Point	31.0	
Speakers Block 56 Level 6	Point	29.3	
Speakers Block 56 Level 6	Point	21.3	
Speakers Block 56 Level 6	Point	28.8	
Speakers Block 56 Level 6	Point	17.4	
Speakers Block 56 Level 6	Point	26.8	
Speakers Block 56 Level 6	Point	25.7	
Speakers Block 56 Level 6	Point	7.2	
Speakers Block 56 Level 6	Point	33.6	
Speakers Block 56 Level 6	Point	19.6	
Speakers Block 6 Level 2	Point	2.0	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 6 Level 2	Point	3.7	
Speakers Block 7 Level 2	Point	25.0	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 2	Point	15.7	
Speakers Block 7 Level 2	Point	24.6	
Speakers Block 7 Level 2	Point	25.3	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	25.2	
Speakers Block 7 Level 5	Point	33.7	
Speakers Block 7 Level 5	Point	29.6	
Speakers Block 7 Level 5	Point	28.4	
Speakers Block 8 Level 7	Point	20.8	
Speakers Block 8 Level 7	Point	35.1	
Speakers Block 8 Level 7	Point	37.9	
Speakers Block 8 Level 7	Point	32.1	
Speakers Block 8 Level 7	Point	40.4	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	34.6	
Speakers Block 8 Level 7	Point	32.6	
Receiver R12 FI 1.FL Leq,d 49.3 dB(A)			
Speakers Block 1 Level 4	Point	25.5	
Speakers Block 1 Level 4	Point	16.8	
Speakers Block 1 Level 4	Point	17.0	
Speakers Block 1 Level 4	Point	29.3	
Speakers Block 1 Level 4	Point	-2.3	
Speakers Block 1 Level 4	Point	11.1	
Speakers Block 1 Level 4	Point	-3.1	
Speakers Block 1 Level 4	Point	-2.7	
Speakers Block 1 Level 4	Point	-1.2	
Speakers Block 1 Level Roof	Point	20.9	
Speakers Block 1 Level Roof	Point	18.6	
Speakers Block 1 Level Roof	Point	23.8	
Speakers Block 1 Level Roof	Point	15.8	
Speakers Block 1 Level Roof	Point	27.9	
Speakers Block 2 Level 4	Point	1.8	
Speakers Block 2 Level 4	Point	14.7	
Speakers Block 2 Level 4	Point	2.4	
Speakers Block 2 Level 4	Point	0.0	
Speakers Block 2 Level 4	Point	0.4	
Speakers Block 2 Level 4	Point	6.0	
Speakers Block 2 Level 4	Point	-0.8	
Speakers Block 2 Level 4	Point	9.4	
Speakers Block 2 Level 4	Point	7.6	
Speakers Block 2 Level 4	Point	20.4	
Speakers Block 2 Level 4	Point	19.7	
Speakers Block 2 Level 4	Point	5.4	
Speakers Block 2 Level 4	Point	16.3	
Speakers Block 2 Level 4	Point	6.3	
Speakers Block 3 Level 2	Point	11.4	
Speakers Block 3 Level 2	Point	16.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 3 Level 2	Point	2.8	
Speakers Block 3 Level 2	Point	3.8	
Speakers Block 3 Level 2	Point	3.2	
Speakers Block 3 Level 2	Point	8.8	
Speakers Block 3 Level 2	Point	12.1	
Speakers Block 3 Level 2	Point	3.9	
Speakers Block 3 Level 5	Point	1.7	
Speakers Block 3 Level 5	Point	13.8	
Speakers Block 3 Level Roof	Point	15.0	
Speakers Block 4 Level 3	Point	9.8	
Speakers Block 4 Level 3	Point	7.1	
Speakers Block 4 Level 3	Point	18.5	
Speakers Block 4 Level 3	Point	16.6	
Speakers Block 4 Level 3	Point	21.4	
Speakers Block 4 Level 3	Point	35.2	
Speakers Block 4 Level 3	Point	31.5	
Speakers Block 4 Level 3	Point	29.3	
Speakers Block 4 Level 6	Point	24.1	
Speakers Block 4 Level 6	Point	31.6	
Speakers Block 4 Level 6	Point	19.0	
Speakers Block 4 Level 6	Point	27.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	26.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	24.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.2	
Speakers Block 56 Level 2	Point	41.3	
Speakers Block 56 Level 2	Point	41.1	
Speakers Block 56 Level 2	Point	29.5	
Speakers Block 56 Level 6	Point	16.5	
Speakers Block 56 Level 6	Point	24.6	
Speakers Block 56 Level 6	Point	27.6	
Speakers Block 56 Level 6	Point	40.6	
Speakers Block 56 Level 6	Point	16.0	
Speakers Block 56 Level 6	Point	23.6	
Speakers Block 56 Level 6	Point	22.0	
Speakers Block 56 Level 6	Point	16.3	
Speakers Block 56 Level 6	Point	34.8	
Speakers Block 56 Level 6	Point	21.4	
Speakers Block 6 Level 2	Point	21.7	
Speakers Block 6 Level 2	Point	21.8	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 6 Level 2	Point	0.2	
Speakers Block 7 Level 2	Point	15.8	
Speakers Block 7 Level 2	Point	2.8	
Speakers Block 7 Level 2	Point	16.7	
Speakers Block 7 Level 2	Point	27.0	
Speakers Block 7 Level 2	Point	17.4	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 5	Point	17.9	
Speakers Block 7 Level 5	Point	2.7	
Speakers Block 7 Level 5	Point	7.8	
Speakers Block 8 Level 7	Point	39.1	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	34.3	
Speakers Block 8 Level 7	Point	33.9	
Speakers Block 8 Level 7	Point	33.7	
Speakers Block 8 Level 7	Point	37.9	
Speakers Block 8 Level 7	Point	33.5	
Speakers Block 8 Level 7	Point	32.4	
Receiver R13 FI 1.FL Leq,d 41.4 dB(A)			
Speakers Block 1 Level 4	Point	10.8	
Speakers Block 1 Level 4	Point	-2.5	
Speakers Block 1 Level 4	Point	-3.0	
Speakers Block 1 Level 4	Point	-3.2	
Speakers Block 1 Level 4	Point	5.3	
Speakers Block 1 Level 4	Point	8.0	
Speakers Block 1 Level 4	Point	4.8	
Speakers Block 1 Level 4	Point	4.9	
Speakers Block 1 Level 4	Point	4.9	
Speakers Block 1 Level Roof	Point	-0.5	
Speakers Block 1 Level Roof	Point	-0.6	
Speakers Block 1 Level Roof	Point	-0.4	
Speakers Block 1 Level Roof	Point	-0.8	
Speakers Block 1 Level Roof	Point	0.0	
Speakers Block 2 Level 4	Point	12.4	
Speakers Block 2 Level 4	Point	6.2	
Speakers Block 2 Level 4	Point	2.3	
Speakers Block 2 Level 4	Point	-0.7	
Speakers Block 2 Level 4	Point	12.5	
Speakers Block 2 Level 4	Point	-0.9	
Speakers Block 2 Level 4	Point	-0.4	
Speakers Block 2 Level 4	Point	11.1	
Speakers Block 2 Level 4	Point	10.1	
Speakers Block 2 Level 4	Point	7.9	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	7.4	
Speakers Block 2 Level 4	Point	12.0	
Speakers Block 2 Level 4	Point	7.5	
Speakers Block 2 Level 4	Point	1.4	
Speakers Block 3 Level 2	Point	17.6	
Speakers Block 3 Level 2	Point	16.4	
Speakers Block 3 Level 2	Point	19.0	
Speakers Block 3 Level 2	Point	23.3	
Speakers Block 3 Level 2	Point	19.0	
Speakers Block 3 Level 2	Point	22.5	
Speakers Block 3 Level 2	Point	7.4	
Speakers Block 3 Level 2	Point	19.9	
Speakers Block 3 Level 5	Point	6.9	
Speakers Block 3 Level 5	Point	10.6	
Speakers Block 3 Level Roof	Point	-0.2	
Speakers Block 4 Level 3	Point	1.1	
Speakers Block 4 Level 3	Point	19.1	
Speakers Block 4 Level 3	Point	9.7	
Speakers Block 4 Level 3	Point	18.7	
Speakers Block 4 Level 3	Point	31.8	
Speakers Block 4 Level 3	Point	15.4	
Speakers Block 4 Level 3	Point	4.1	
Speakers Block 4 Level 3	Point	18.1	
Speakers Block 4 Level 6	Point	25.4	
Speakers Block 4 Level 6	Point	3.4	
Speakers Block 4 Level 6	Point	18.0	
Speakers Block 4 Level 6	Point	17.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	35.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	35.0	
Speakers Block 56 Level 2	Point	6.4	
Speakers Block 56 Level 2	Point	6.2	
Speakers Block 56 Level 2	Point	6.0	
Speakers Block 56 Level 6	Point	-3.5	
Speakers Block 56 Level 6	Point	-3.3	
Speakers Block 56 Level 6	Point	12.8	
Speakers Block 56 Level 6	Point	1.7	
Speakers Block 56 Level 6	Point	3.6	
Speakers Block 56 Level 6	Point	13.7	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	13.2	
Speakers Block 56 Level 6	Point	4.4	
Speakers Block 56 Level 6	Point	1.6	
Speakers Block 56 Level 6	Point	-0.9	
Speakers Block 6 Level 2	Point	0.5	
Speakers Block 6 Level 2	Point	0.6	
Speakers Block 6 Level 2	Point	-1.2	
Speakers Block 7 Level 2	Point	21.5	
Speakers Block 7 Level 2	Point	-2.2	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 2	Point	-1.4	
Speakers Block 7 Level 2	Point	20.5	
Speakers Block 7 Level 2	Point	5.6	
Speakers Block 7 Level 5	Point	7.5	
Speakers Block 7 Level 5	Point	19.5	
Speakers Block 7 Level 5	Point	0.4	
Speakers Block 8 Level 7	Point	29.9	
Speakers Block 8 Level 7	Point	17.5	
Speakers Block 8 Level 7	Point	0.2	
Speakers Block 8 Level 7	Point	25.6	
Speakers Block 8 Level 7	Point	-0.1	
Speakers Block 8 Level 7	Point	13.0	
Speakers Block 8 Level 7	Point	22.2	
Speakers Block 8 Level 7	Point	17.0	
Receiver R13 FI 2.FL Leq,d 45.8 dB(A)			
Speakers Block 1 Level 4	Point	19.9	
Speakers Block 1 Level 4	Point	8.0	
Speakers Block 1 Level 4	Point	2.5	
Speakers Block 1 Level 4	Point	2.1	
Speakers Block 1 Level 4	Point	10.7	
Speakers Block 1 Level 4	Point	9.1	
Speakers Block 1 Level 4	Point	7.0	
Speakers Block 1 Level 4	Point	6.9	
Speakers Block 1 Level 4	Point	6.6	
Speakers Block 1 Level Roof	Point	4.6	
Speakers Block 1 Level Roof	Point	4.6	
Speakers Block 1 Level Roof	Point	4.6	
Speakers Block 1 Level Roof	Point	4.7	
Speakers Block 1 Level Roof	Point	5.5	
Speakers Block 2 Level 4	Point	23.1	
Speakers Block 2 Level 4	Point	20.3	
Speakers Block 2 Level 4	Point	13.2	
Speakers Block 2 Level 4	Point	12.6	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 2 Level 4	Point	24.7	
Speakers Block 2 Level 4	Point	18.2	
Speakers Block 2 Level 4	Point	13.7	
Speakers Block 2 Level 4	Point	22.9	
Speakers Block 2 Level 4	Point	23.2	
Speakers Block 2 Level 4	Point	20.6	
Speakers Block 2 Level 4	Point	20.9	
Speakers Block 2 Level 4	Point	24.4	
Speakers Block 2 Level 4	Point	22.0	
Speakers Block 2 Level 4	Point	18.5	
Speakers Block 3 Level 2	Point	16.9	
Speakers Block 3 Level 2	Point	16.0	
Speakers Block 3 Level 2	Point	19.0	
Speakers Block 3 Level 2	Point	22.7	
Speakers Block 3 Level 2	Point	19.1	
Speakers Block 3 Level 2	Point	21.9	
Speakers Block 3 Level 2	Point	7.6	
Speakers Block 3 Level 2	Point	19.7	
Speakers Block 3 Level 5	Point	25.9	
Speakers Block 3 Level 5	Point	26.9	
Speakers Block 3 Level Roof	Point	10.0	
Speakers Block 4 Level 3	Point	1.8	
Speakers Block 4 Level 3	Point	18.6	
Speakers Block 4 Level 3	Point	9.3	
Speakers Block 4 Level 3	Point	18.1	
Speakers Block 4 Level 3	Point	35.9	
Speakers Block 4 Level 3	Point	17.1	
Speakers Block 4 Level 3	Point	4.5	
Speakers Block 4 Level 3	Point	19.3	
Speakers Block 4 Level 6	Point	32.2	
Speakers Block 4 Level 6	Point	9.9	
Speakers Block 4 Level 6	Point	22.3	
Speakers Block 4 Level 6	Point	21.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	39.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	32.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	38.5	
Speakers Block 56 Level 2	Point	6.7	
Speakers Block 56 Level 2	Point	6.6	
Speakers Block 56 Level 2	Point	6.5	

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# District NoHo

## Assessed contribution level - Speakers

9

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 6	Point	-1.9	
Speakers Block 56 Level 6	Point	-2.0	
Speakers Block 56 Level 6	Point	12.9	
Speakers Block 56 Level 6	Point	2.3	
Speakers Block 56 Level 6	Point	16.5	
Speakers Block 56 Level 6	Point	13.6	
Speakers Block 56 Level 6	Point	13.8	
Speakers Block 56 Level 6	Point	19.0	
Speakers Block 56 Level 6	Point	3.4	
Speakers Block 56 Level 6	Point	0.2	
Speakers Block 6 Level 2	Point	3.3	
Speakers Block 6 Level 2	Point	3.3	
Speakers Block 6 Level 2	Point	-1.0	
Speakers Block 7 Level 2	Point	22.3	
Speakers Block 7 Level 2	Point	-1.4	
Speakers Block 7 Level 2	Point	29.5	
Speakers Block 7 Level 2	Point	-1.2	
Speakers Block 7 Level 2	Point	21.0	
Speakers Block 7 Level 2	Point	5.8	
Speakers Block 7 Level 5	Point	5.0	
Speakers Block 7 Level 5	Point	16.0	
Speakers Block 7 Level 5	Point	1.8	
Speakers Block 8 Level 7	Point	38.7	
Speakers Block 8 Level 7	Point	23.3	
Speakers Block 8 Level 7	Point	13.1	
Speakers Block 8 Level 7	Point	29.7	
Speakers Block 8 Level 7	Point	10.3	
Speakers Block 8 Level 7	Point	20.9	
Speakers Block 8 Level 7	Point	25.1	
Speakers Block 8 Level 7	Point	26.9	

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District NoHo  
Source Levels in dB(A) - Speakers Special Event

3

Name	Source type	Lw dB(A)	
Speakers NoHo Square Special Event	Point	124.7	
Speakers NoHo Square Special Event	Point	124.7	

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# District NoHo

## Contribution level - Speakers Special Event

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 16.4 dB(A)			
Speakers NoHo Square Special Event	Point	13.0	
Speakers NoHo Square Special Event	Point	13.8	
Receiver R1 FI 2.FL Leq,d 18.5 dB(A)			
Speakers NoHo Square Special Event	Point	15.0	
Speakers NoHo Square Special Event	Point	15.9	
Receiver R2 FI 1.FL Leq,d 28.3 dB(A)			
Speakers NoHo Square Special Event	Point	23.3	
Speakers NoHo Square Special Event	Point	26.6	
Receiver R2 FI 2.FL Leq,d 31.2 dB(A)			
Speakers NoHo Square Special Event	Point	25.5	
Speakers NoHo Square Special Event	Point	29.9	
Receiver R3 FI 1.FL Leq,d 59.4 dB(A)			
Speakers NoHo Square Special Event	Point	52.0	
Speakers NoHo Square Special Event	Point	58.6	
Receiver R3 FI 2.FL Leq,d 54.7 dB(A)			
Speakers NoHo Square Special Event	Point	47.2	
Speakers NoHo Square Special Event	Point	53.8	
Receiver R4 FI 1.FL Leq,d 12.1 dB(A)			
Speakers NoHo Square Special Event	Point	9.1	
Speakers NoHo Square Special Event	Point	9.0	
Receiver R5 FI 1.FL Leq,d 40.7 dB(A)			
Speakers NoHo Square Special Event	Point	20.9	
Speakers NoHo Square Special Event	Point	40.6	
Receiver R5 FI 2.FL Leq,d 40.9 dB(A)			
Speakers NoHo Square Special Event	Point	32.2	
Speakers NoHo Square Special Event	Point	40.3	
Receiver R6 FI 1.FL Leq,d 21.5 dB(A)			
Speakers NoHo Square Special Event	Point	15.5	
Speakers NoHo Square Special Event	Point	20.3	
Receiver R7 FI 1.FL Leq,d 49.3 dB(A)			
Speakers NoHo Square Special Event	Point	46.2	
Speakers NoHo Square Special Event	Point	46.3	
Receiver R7 FI 2.FL Leq,d 43.6 dB(A)			
Speakers NoHo Square Special Event	Point	40.6	
Speakers NoHo Square Special Event	Point	40.5	
Receiver R8 FI 1.FL Leq,d 35.1 dB(A)			
Speakers NoHo Square Special Event	Point	31.6	

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# District NoHo Contribution level - Speakers Special Event

9

Source	Source type	Leq,d dB(A)	
Speakers NoHo Square Special Event	Point	32.6	
Receiver R9 FI 1.FL Leq,d 43.7 dB(A)			
Speakers NoHo Square Special Event	Point	40.7	
Speakers NoHo Square Special Event	Point	40.8	
Receiver R10 FI 1.FL Leq,d 32.1 dB(A)			
Speakers NoHo Square Special Event	Point	29.6	
Speakers NoHo Square Special Event	Point	28.4	
Receiver R11 FI 1.FL Leq,d 30.0 dB(A)			
Speakers NoHo Square Special Event	Point	27.3	
Speakers NoHo Square Special Event	Point	26.7	
Receiver R11 FI 2.FL Leq,d 31.2 dB(A)			
Speakers NoHo Square Special Event	Point	28.7	
Speakers NoHo Square Special Event	Point	27.7	
Receiver R12 FI 1.FL Leq,d 47.2 dB(A)			
Speakers NoHo Square Special Event	Point	44.0	
Speakers NoHo Square Special Event	Point	44.4	
Receiver R13 FI 1.FL Leq,d 31.8 dB(A)			
Speakers NoHo Square Special Event	Point	31.6	
Speakers NoHo Square Special Event	Point	18.4	
Receiver R13 FI 2.FL Leq,d 29.9 dB(A)			
Speakers NoHo Square Special Event	Point	29.7	
Speakers NoHo Square Special Event	Point	15.9	

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**District NoHo**  
**Source Levels in dB(A) - People Special Event**

**3**

Name	Source type	Lw dB(A)	
People NoHo Square Special Events (Loud voice)	Area	106.6	

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# District NoHo Contribution level - People Special Event

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 26.3 dB(A)			
People NoHo Square Special Events (Loud	Area	26.3	
Receiver R1 FI 2.FL Leq,d 26.1 dB(A)			
People NoHo Square Special Events (Loud	Area	26.1	
Receiver R2 FI 1.FL Leq,d 28.3 dB(A)			
People NoHo Square Special Events (Loud	Area	28.3	
Receiver R2 FI 2.FL Leq,d 26.0 dB(A)			
People NoHo Square Special Events (Loud	Area	26.0	
Receiver R3 FI 1.FL Leq,d 54.5 dB(A)			
People NoHo Square Special Events (Loud	Area	54.5	
Receiver R3 FI 2.FL Leq,d 54.5 dB(A)			
People NoHo Square Special Events (Loud	Area	54.5	
Receiver R4 FI 1.FL Leq,d 17.3 dB(A)			
People NoHo Square Special Events (Loud	Area	17.3	
Receiver R5 FI 1.FL Leq,d 45.3 dB(A)			
People NoHo Square Special Events (Loud	Area	45.3	
Receiver R5 FI 2.FL Leq,d 46.3 dB(A)			
People NoHo Square Special Events (Loud	Area	46.3	
Receiver R6 FI 1.FL Leq,d 25.3 dB(A)			
People NoHo Square Special Events (Loud	Area	25.3	
Receiver R7 FI 1.FL Leq,d 40.3 dB(A)			
People NoHo Square Special Events (Loud	Area	40.3	
Receiver R7 FI 2.FL Leq,d 41.5 dB(A)			
People NoHo Square Special Events (Loud	Area	41.5	
Receiver R8 FI 1.FL Leq,d 33.1 dB(A)			
People NoHo Square Special Events (Loud	Area	33.1	
Receiver R9 FI 1.FL Leq,d 36.3 dB(A)			
People NoHo Square Special Events (Loud	Area	36.3	
Receiver R10 FI 1.FL Leq,d 27.4 dB(A)			
People NoHo Square Special Events (Loud	Area	27.4	
Receiver R11 FI 1.FL Leq,d 26.9 dB(A)			
People NoHo Square Special Events (Loud	Area	26.9	
Receiver R11 FI 2.FL Leq,d 29.4 dB(A)			
People NoHo Square Special Events (Loud	Area	29.4	
Receiver R12 FI 1.FL Leq,d 37.9 dB(A)			
People NoHo Square Special Events (Loud	Area	37.9	

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**District NoHo**  
**Contribution level - People Special Event**

**9**

Source	Source type	Leq,d dB(A)	
Receiver R13 FI 1.FL Leq,d 35.2 dB(A)			
People NoHo Square Special Events (Loud	Area	35.2	
Receiver R13 FI 2.FL Leq,d 38.5 dB(A)			
People NoHo Square Special Events (Loud	Area	38.5	

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**District NoHo**  
**Source Levels in dB(A) - Transit Center**

**3**

Name	Source type	Lw dB(A)	
Bus Depot - Bus Idling 1	Point	92.6	
Bus Depot - Bus Idling 2	Point	92.6	
Bus Depot - Bus Idling 3	Point	92.6	
Bus Depot - Bus Idling 4	Point	92.6	
Bus Depot - Bus Idling 5	Point	92.6	
Bus Depot - Bus Idling 6	Point	92.6	

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# District NoHo Emission calculation road - Transit Center

Road	ADT Veh/24h	Day Veh/h	Evening Veh/h	Night Veh/h	
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	

# District NoHo

## Contribution level - Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL CNEL 22.8 dB(A) Leq,d 21.0 dB(A)			
Bus Depot	Road	18.5	
Bus Depot - Bus Idling 1	Point	9.7	
Bus Depot - Bus Idling 3	Point	10.7	
Bus Depot - Bus Idling 4	Point	8.3	
Bus Depot - Bus Idling 5	Point	8.8	
Bus Depot - Bus Idling 6	Point	9.2	
Bus Depot - Bus Idling 2	Point	10.1	
Receiver R1 FI 2.FL CNEL 22.6 dB(A) Leq,d 20.8 dB(A)			
Bus Depot	Road	18.2	
Bus Depot - Bus Idling 1	Point	9.7	
Bus Depot - Bus Idling 3	Point	10.8	
Bus Depot - Bus Idling 4	Point	8.3	
Bus Depot - Bus Idling 5	Point	8.7	
Bus Depot - Bus Idling 6	Point	9.1	
Bus Depot - Bus Idling 2	Point	10.2	
Receiver R2 FI 1.FL CNEL 34.5 dB(A) Leq,d 31.8 dB(A)			
Bus Depot	Road	31.6	
Bus Depot - Bus Idling 1	Point	10.8	
Bus Depot - Bus Idling 3	Point	11.6	
Bus Depot - Bus Idling 4	Point	9.5	
Bus Depot - Bus Idling 5	Point	10.0	
Bus Depot - Bus Idling 6	Point	10.5	
Bus Depot - Bus Idling 2	Point	11.2	
Receiver R2 FI 2.FL CNEL 36.6 dB(A) Leq,d 33.7 dB(A)			
Bus Depot	Road	33.6	
Bus Depot - Bus Idling 1	Point	9.5	
Bus Depot - Bus Idling 3	Point	8.1	
Bus Depot - Bus Idling 4	Point	7.3	
Bus Depot - Bus Idling 5	Point	7.7	
Bus Depot - Bus Idling 6	Point	8.3	
Bus Depot - Bus Idling 2	Point	9.8	
Receiver R3 FI 1.FL CNEL 46.2 dB(A) Leq,d 44.0 dB(A)			
Bus Depot	Road	42.5	
Bus Depot - Bus Idling 1	Point	31.6	
Bus Depot - Bus Idling 3	Point	32.8	
Bus Depot - Bus Idling 4	Point	28.5	
Bus Depot - Bus Idling 5	Point	29.1	
Bus Depot - Bus Idling 6	Point	29.7	
Bus Depot - Bus Idling 2	Point	32.2	

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# District NoHo

## Contribution level - Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R3 FI 2.FL CNEL 50.5 dB(A) Leq,d 47.9 dB(A)			
Bus Depot	Road	47.3	
Bus Depot - Bus Idling 1	Point	29.9	
Bus Depot - Bus Idling 3	Point	31.2	
Bus Depot - Bus Idling 4	Point	30.6	
Bus Depot - Bus Idling 5	Point	31.3	
Bus Depot - Bus Idling 6	Point	32.0	
Bus Depot - Bus Idling 2	Point	30.5	
Receiver R4 FI 1.FL CNEL 16.8 dB(A) Leq,d 16.3 dB(A)			
Bus Depot	Road	8.5	
Bus Depot - Bus Idling 1	Point	2.4	
Bus Depot - Bus Idling 3	Point	11.3	
Bus Depot - Bus Idling 4	Point	2.7	
Bus Depot - Bus Idling 5	Point	2.6	
Bus Depot - Bus Idling 6	Point	3.2	
Bus Depot - Bus Idling 2	Point	11.6	
Receiver R5 FI 1.FL CNEL 50.2 dB(A) Leq,d 49.0 dB(A)			
Bus Depot	Road	44.4	
Bus Depot - Bus Idling 1	Point	40.4	
Bus Depot - Bus Idling 3	Point	42.8	
Bus Depot - Bus Idling 4	Point	24.4	
Bus Depot - Bus Idling 5	Point	37.6	
Bus Depot - Bus Idling 6	Point	31.1	
Bus Depot - Bus Idling 2	Point	41.6	
Receiver R5 FI 2.FL CNEL 55.1 dB(A) Leq,d 53.6 dB(A)			
Bus Depot	Road	50.1	
Bus Depot - Bus Idling 1	Point	44.7	
Bus Depot - Bus Idling 3	Point	46.2	
Bus Depot - Bus Idling 4	Point	34.4	
Bus Depot - Bus Idling 5	Point	41.3	
Bus Depot - Bus Idling 6	Point	38.0	
Bus Depot - Bus Idling 2	Point	45.5	
Receiver R6 FI 1.FL CNEL 38.9 dB(A) Leq,d 36.7 dB(A)			
Bus Depot	Road	35.3	
Bus Depot - Bus Idling 1	Point	15.5	
Bus Depot - Bus Idling 3	Point	14.4	
Bus Depot - Bus Idling 4	Point	27.8	
Bus Depot - Bus Idling 5	Point	17.9	
Bus Depot - Bus Idling 6	Point	27.2	
Bus Depot - Bus Idling 2	Point	14.9	

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# District NoHo

## Contribution level - Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R7 FI 1.FL CNEL 62.4 dB(A) Leq,d 59.7 dB(A)			
Bus Depot	Road	59.3	
Bus Depot - Bus Idling 1	Point	42.0	
Bus Depot - Bus Idling 3	Point	38.4	
Bus Depot - Bus Idling 4	Point	42.0	
Bus Depot - Bus Idling 5	Point	40.1	
Bus Depot - Bus Idling 6	Point	38.5	
Bus Depot - Bus Idling 2	Point	40.3	
Receiver R7 FI 2.FL CNEL 62.6 dB(A) Leq,d 60.1 dB(A)			
Bus Depot	Road	59.4	
Bus Depot - Bus Idling 1	Point	46.1	
Bus Depot - Bus Idling 3	Point	41.7	
Bus Depot - Bus Idling 4	Point	45.8	
Bus Depot - Bus Idling 5	Point	43.9	
Bus Depot - Bus Idling 6	Point	41.8	
Bus Depot - Bus Idling 2	Point	44.5	
Receiver R8 FI 1.FL CNEL 43.7 dB(A) Leq,d 41.9 dB(A)			
Bus Depot	Road	39.4	
Bus Depot - Bus Idling 1	Point	15.6	
Bus Depot - Bus Idling 3	Point	16.2	
Bus Depot - Bus Idling 4	Point	34.3	
Bus Depot - Bus Idling 5	Point	33.3	
Bus Depot - Bus Idling 6	Point	32.5	
Bus Depot - Bus Idling 2	Point	15.6	
Receiver R9 FI 1.FL CNEL 29.3 dB(A) Leq,d 29.1 dB(A)			
Bus Depot	Road	17.9	
Bus Depot - Bus Idling 1	Point	11.1	
Bus Depot - Bus Idling 3	Point	11.6	
Bus Depot - Bus Idling 4	Point	26.4	
Bus Depot - Bus Idling 5	Point	23.7	
Bus Depot - Bus Idling 6	Point	16.5	
Bus Depot - Bus Idling 2	Point	11.3	
Receiver R10 FI 1.FL CNEL 41.7 dB(A) Leq,d 39.6 dB(A)			
Bus Depot	Road	37.8	
Bus Depot - Bus Idling 1	Point	28.3	
Bus Depot - Bus Idling 3	Point	23.9	
Bus Depot - Bus Idling 4	Point	26.7	
Bus Depot - Bus Idling 5	Point	24.0	
Bus Depot - Bus Idling 6	Point	28.9	
Bus Depot - Bus Idling 2	Point	28.2	

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# District NoHo

## Contribution level - Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 1.FL CNEL 45.0 dB(A) Leq,d 43.8 dB(A)			
Bus Depot	Road	39.3	
Bus Depot - Bus Idling 1	Point	27.3	
Bus Depot - Bus Idling 3	Point	32.6	
Bus Depot - Bus Idling 4	Point	38.7	
Bus Depot - Bus Idling 5	Point	36.6	
Bus Depot - Bus Idling 6	Point	27.1	
Bus Depot - Bus Idling 2	Point	28.8	
Receiver R11 FI 2.FL CNEL 50.6 dB(A) Leq,d 48.6 dB(A)			
Bus Depot	Road	46.7	
Bus Depot - Bus Idling 1	Point	33.0	
Bus Depot - Bus Idling 3	Point	33.6	
Bus Depot - Bus Idling 4	Point	40.1	
Bus Depot - Bus Idling 5	Point	38.2	
Bus Depot - Bus Idling 6	Point	35.0	
Bus Depot - Bus Idling 2	Point	33.1	
Receiver R12 FI 1.FL CNEL 35.8 dB(A) Leq,d 33.0 dB(A)			
Bus Depot	Road	32.7	
Bus Depot - Bus Idling 1	Point	10.9	
Bus Depot - Bus Idling 3	Point	12.2	
Bus Depot - Bus Idling 4	Point	19.6	
Bus Depot - Bus Idling 5	Point	11.6	
Bus Depot - Bus Idling 6	Point	13.4	
Bus Depot - Bus Idling 2	Point	10.9	
Receiver R13 FI 1.FL CNEL 39.1 dB(A) Leq,d 36.9 dB(A)			
Bus Depot	Road	35.4	
Bus Depot - Bus Idling 1	Point	5.0	
Bus Depot - Bus Idling 3	Point	5.5	
Bus Depot - Bus Idling 4	Point	26.2	
Bus Depot - Bus Idling 5	Point	26.6	
Bus Depot - Bus Idling 6	Point	26.9	
Bus Depot - Bus Idling 2	Point	5.3	
Receiver R13 FI 2.FL CNEL 38.7 dB(A) Leq,d 36.6 dB(A)			
Bus Depot	Road	34.9	
Bus Depot - Bus Idling 1	Point	5.3	
Bus Depot - Bus Idling 3	Point	5.8	
Bus Depot - Bus Idling 4	Point	26.4	
Bus Depot - Bus Idling 5	Point	26.8	
Bus Depot - Bus Idling 6	Point	27.1	
Bus Depot - Bus Idling 2	Point	5.6	

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# District NoHo

## Source Levels in dB(A) - Phase 1 Mechanical

Name	Source type	Lw dB(A)	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 0	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 6	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 7	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 8	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	
Mechanical Block 56	Point	90.0	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 38.0 dB(A)			
Mechanical Block 0	Point	23.1	
Mechanical Block 0	Point	23.5	
Mechanical Block 0	Point	25.7	
Mechanical Block 0	Point	25.9	
Mechanical Block 0	Point	26.2	
Mechanical Block 0	Point	30.1	
Mechanical Block 0	Point	30.2	
Mechanical Block 56	Point	16.2	
Mechanical Block 56	Point	15.7	
Mechanical Block 56	Point	15.2	
Mechanical Block 56	Point	14.5	
Mechanical Block 56	Point	15.0	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	16.1	
Mechanical Block 56	Point	22.1	
Mechanical Block 6	Point	12.0	
Mechanical Block 6	Point	11.8	
Mechanical Block 6	Point	12.8	
Mechanical Block 6	Point	11.6	
Mechanical Block 7	Point	8.2	
Mechanical Block 7	Point	23.0	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	23.9	
Mechanical Block 7	Point	24.3	
Mechanical Block 7	Point	5.3	
Mechanical Block 7	Point	6.7	
Mechanical Block 7	Point	24.4	
Mechanical Block 8	Point	21.0	
Mechanical Block 8	Point	20.9	
Mechanical Block 8	Point	20.8	
Mechanical Block 8	Point	20.8	
Mechanical Block 8	Point	18.1	
Mechanical Block 8	Point	16.1	
Mechanical Block 8	Point	14.7	
Mechanical Block 8	Point	18.2	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	14.7	
Mechanical Block 8	Point	14.7	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 2.FL Leq,d 39.7 dB(A)			
Mechanical Block 0	Point	24.7	
Mechanical Block 0	Point	25.1	
Mechanical Block 0	Point	26.6	
Mechanical Block 0	Point	26.8	
Mechanical Block 0	Point	27.1	
Mechanical Block 0	Point	32.8	
Mechanical Block 0	Point	32.9	
Mechanical Block 56	Point	17.3	
Mechanical Block 56	Point	16.8	
Mechanical Block 56	Point	16.2	
Mechanical Block 56	Point	15.4	
Mechanical Block 56	Point	16.0	
Mechanical Block 56	Point	16.6	
Mechanical Block 56	Point	17.2	
Mechanical Block 56	Point	23.6	
Mechanical Block 6	Point	15.3	
Mechanical Block 6	Point	15.3	
Mechanical Block 6	Point	14.9	
Mechanical Block 6	Point	14.9	
Mechanical Block 7	Point	14.8	
Mechanical Block 7	Point	22.7	
Mechanical Block 7	Point	23.7	
Mechanical Block 7	Point	24.1	
Mechanical Block 7	Point	25.3	
Mechanical Block 7	Point	16.9	
Mechanical Block 7	Point	20.4	
Mechanical Block 7	Point	24.7	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	22.0	
Mechanical Block 8	Point	21.9	
Mechanical Block 8	Point	19.4	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	16.2	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	18.4	
Mechanical Block 8	Point	16.2	
Mechanical Block 8	Point	16.2	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R2 FI 1.FL Leq,d 35.8 dB(A)			
Mechanical Block 0	Point	4.8	
Mechanical Block 0	Point	5.0	
Mechanical Block 0	Point	5.2	
Mechanical Block 0	Point	5.5	
Mechanical Block 0	Point	5.8	
Mechanical Block 0	Point	18.6	
Mechanical Block 0	Point	18.7	
Mechanical Block 56	Point	25.0	
Mechanical Block 56	Point	25.0	
Mechanical Block 56	Point	24.9	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.5	
Mechanical Block 56	Point	21.0	
Mechanical Block 6	Point	9.6	
Mechanical Block 6	Point	9.6	
Mechanical Block 6	Point	9.8	
Mechanical Block 6	Point	9.8	
Mechanical Block 7	Point	22.2	
Mechanical Block 7	Point	10.5	
Mechanical Block 7	Point	11.5	
Mechanical Block 7	Point	12.3	
Mechanical Block 7	Point	13.9	
Mechanical Block 7	Point	22.5	
Mechanical Block 7	Point	22.9	
Mechanical Block 7	Point	23.1	
Mechanical Block 8	Point	23.3	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	17.5	
Mechanical Block 8	Point	10.3	
Mechanical Block 8	Point	14.3	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	23.2	
Mechanical Block 8	Point	23.1	
Mechanical Block 8	Point	23.0	
Mechanical Block 8	Point	20.1	
Mechanical Block 8	Point	18.3	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R2 FI 2.FL Leq,d 34.7 dB(A)			
Mechanical Block 0	Point	3.8	
Mechanical Block 0	Point	4.1	
Mechanical Block 0	Point	5.1	
Mechanical Block 0	Point	5.4	
Mechanical Block 0	Point	5.7	
Mechanical Block 0	Point	15.2	
Mechanical Block 0	Point	15.0	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	23.9	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.2	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	20.1	
Mechanical Block 6	Point	8.1	
Mechanical Block 6	Point	8.2	
Mechanical Block 6	Point	8.3	
Mechanical Block 6	Point	8.4	
Mechanical Block 7	Point	19.9	
Mechanical Block 7	Point	16.3	
Mechanical Block 7	Point	19.2	
Mechanical Block 7	Point	18.8	
Mechanical Block 7	Point	16.7	
Mechanical Block 7	Point	21.7	
Mechanical Block 7	Point	22.1	
Mechanical Block 7	Point	22.8	
Mechanical Block 8	Point	22.0	
Mechanical Block 8	Point	8.7	
Mechanical Block 8	Point	8.4	
Mechanical Block 8	Point	8.0	
Mechanical Block 8	Point	3.3	
Mechanical Block 8	Point	15.8	
Mechanical Block 8	Point	15.8	
Mechanical Block 8	Point	21.9	
Mechanical Block 8	Point	21.8	
Mechanical Block 8	Point	21.7	
Mechanical Block 8	Point	18.9	
Mechanical Block 8	Point	17.1	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R3 FI 1.FL Leq,d 41.8 dB(A)			
Mechanical Block 0	Point	25.0	
Mechanical Block 0	Point	26.5	
Mechanical Block 0	Point	27.1	
Mechanical Block 0	Point	27.2	
Mechanical Block 0	Point	27.1	
Mechanical Block 0	Point	28.7	
Mechanical Block 0	Point	13.7	
Mechanical Block 56	Point	18.8	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	18.3	
Mechanical Block 56	Point	17.9	
Mechanical Block 56	Point	17.6	
Mechanical Block 56	Point	17.3	
Mechanical Block 56	Point	16.0	
Mechanical Block 6	Point	33.0	
Mechanical Block 6	Point	33.5	
Mechanical Block 6	Point	33.2	
Mechanical Block 6	Point	33.6	
Mechanical Block 7	Point	18.6	
Mechanical Block 7	Point	23.8	
Mechanical Block 7	Point	23.9	
Mechanical Block 7	Point	24.2	
Mechanical Block 7	Point	24.6	
Mechanical Block 7	Point	22.5	
Mechanical Block 7	Point	22.7	
Mechanical Block 7	Point	23.2	
Mechanical Block 8	Point	23.3	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	18.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	16.7	
Mechanical Block 8	Point	23.2	
Mechanical Block 8	Point	23.2	
Mechanical Block 8	Point	23.1	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	18.0	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R3 FI 2.FL Leq,d 43.1 dB(A)			
Mechanical Block 0	Point	26.8	
Mechanical Block 0	Point	27.6	
Mechanical Block 0	Point	28.5	
Mechanical Block 0	Point	28.9	
Mechanical Block 0	Point	29.7	
Mechanical Block 0	Point	32.7	
Mechanical Block 0	Point	27.5	
Mechanical Block 56	Point	20.0	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	20.5	
Mechanical Block 56	Point	19.7	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	18.4	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	16.6	
Mechanical Block 6	Point	34.2	
Mechanical Block 6	Point	34.3	
Mechanical Block 6	Point	34.4	
Mechanical Block 6	Point	34.5	
Mechanical Block 7	Point	21.2	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	24.0	
Mechanical Block 7	Point	25.0	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	24.2	
Mechanical Block 8	Point	22.4	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.0	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.5	
Mechanical Block 8	Point	15.4	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	18.6	
Mechanical Block 8	Point	16.8	

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## District NoHo

### Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R4 FI 1.FL Leq,d 31.5 dB(A)			
Mechanical Block 0	Point	4.3	
Mechanical Block 0	Point	4.2	
Mechanical Block 0	Point	-2.5	
Mechanical Block 0	Point	-2.5	
Mechanical Block 0	Point	-2.4	
Mechanical Block 0	Point	1.9	
Mechanical Block 0	Point	1.1	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.4	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	18.0	
Mechanical Block 56	Point	18.0	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	18.3	
Mechanical Block 6	Point	-0.6	
Mechanical Block 6	Point	-0.7	
Mechanical Block 6	Point	-0.6	
Mechanical Block 6	Point	-0.5	
Mechanical Block 7	Point	15.3	
Mechanical Block 7	Point	15.2	
Mechanical Block 7	Point	15.8	
Mechanical Block 7	Point	16.2	
Mechanical Block 7	Point	15.8	
Mechanical Block 7	Point	15.5	
Mechanical Block 7	Point	16.1	
Mechanical Block 7	Point	16.9	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	10.0	
Mechanical Block 8	Point	9.7	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.4	
Mechanical Block 8	Point	15.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	15.9	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R5 FI 1.FL Leq,d 45.2 dB(A)			
Mechanical Block 0	Point	31.5	
Mechanical Block 0	Point	31.8	
Mechanical Block 0	Point	33.8	
Mechanical Block 0	Point	33.9	
Mechanical Block 0	Point	33.9	
Mechanical Block 0	Point	35.0	
Mechanical Block 0	Point	33.8	
Mechanical Block 56	Point	14.2	
Mechanical Block 56	Point	14.1	
Mechanical Block 56	Point	14.1	
Mechanical Block 56	Point	22.6	
Mechanical Block 56	Point	22.6	
Mechanical Block 56	Point	15.9	
Mechanical Block 56	Point	15.8	
Mechanical Block 56	Point	17.4	
Mechanical Block 6	Point	29.4	
Mechanical Block 6	Point	29.0	
Mechanical Block 6	Point	29.4	
Mechanical Block 6	Point	28.8	
Mechanical Block 7	Point	29.5	
Mechanical Block 7	Point	25.7	
Mechanical Block 7	Point	30.0	
Mechanical Block 7	Point	30.7	
Mechanical Block 7	Point	33.2	
Mechanical Block 7	Point	31.1	
Mechanical Block 7	Point	33.9	
Mechanical Block 7	Point	35.3	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	21.2	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	15.8	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.3	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R5 FI 2.FL Leq,d 51.1 dB(A)			
Mechanical Block 0	Point	33.9	
Mechanical Block 0	Point	34.1	
Mechanical Block 0	Point	35.0	
Mechanical Block 0	Point	35.1	
Mechanical Block 0	Point	35.1	
Mechanical Block 0	Point	37.3	
Mechanical Block 0	Point	37.1	
Mechanical Block 56	Point	21.0	
Mechanical Block 56	Point	21.0	
Mechanical Block 56	Point	21.0	
Mechanical Block 56	Point	26.3	
Mechanical Block 56	Point	26.4	
Mechanical Block 56	Point	22.5	
Mechanical Block 56	Point	22.3	
Mechanical Block 56	Point	23.8	
Mechanical Block 6	Point	33.4	
Mechanical Block 6	Point	33.3	
Mechanical Block 6	Point	33.2	
Mechanical Block 6	Point	33.1	
Mechanical Block 7	Point	39.9	
Mechanical Block 7	Point	36.7	
Mechanical Block 7	Point	37.9	
Mechanical Block 7	Point	39.0	
Mechanical Block 7	Point	39.9	
Mechanical Block 7	Point	41.0	
Mechanical Block 7	Point	42.4	
Mechanical Block 7	Point	43.5	
Mechanical Block 8	Point	26.4	
Mechanical Block 8	Point	26.6	
Mechanical Block 8	Point	26.7	
Mechanical Block 8	Point	26.9	
Mechanical Block 8	Point	24.8	
Mechanical Block 8	Point	23.0	
Mechanical Block 8	Point	21.7	
Mechanical Block 8	Point	24.6	
Mechanical Block 8	Point	22.8	
Mechanical Block 8	Point	21.5	
Mechanical Block 8	Point	21.5	
Mechanical Block 8	Point	21.6	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R6 FI 1.FL Leq,d 39.4 dB(A)			
Mechanical Block 0	Point	26.3	
Mechanical Block 0	Point	26.0	
Mechanical Block 0	Point	24.4	
Mechanical Block 0	Point	24.1	
Mechanical Block 0	Point	15.8	
Mechanical Block 0	Point	23.2	
Mechanical Block 0	Point	17.9	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	15.5	
Mechanical Block 56	Point	17.7	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	19.3	
Mechanical Block 56	Point	19.4	
Mechanical Block 56	Point	16.6	
Mechanical Block 56	Point	2.6	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	12.7	
Mechanical Block 6	Point	12.6	
Mechanical Block 7	Point	31.7	
Mechanical Block 7	Point	29.5	
Mechanical Block 7	Point	28.8	
Mechanical Block 7	Point	25.8	
Mechanical Block 7	Point	24.9	
Mechanical Block 7	Point	29.1	
Mechanical Block 7	Point	28.1	
Mechanical Block 7	Point	26.3	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	19.2	
Mechanical Block 8	Point	19.3	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	15.0	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	15.7	
Mechanical Block 8	Point	17.3	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R7 FI 1.FL Leq,d 44.5 dB(A)			
Mechanical Block 0	Point	37.4	
Mechanical Block 0	Point	36.3	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	31.6	
Mechanical Block 0	Point	31.5	
Mechanical Block 0	Point	27.3	
Mechanical Block 0	Point	27.2	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	18.5	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	21.1	
Mechanical Block 56	Point	21.2	
Mechanical Block 56	Point	16.4	
Mechanical Block 6	Point	25.0	
Mechanical Block 6	Point	25.1	
Mechanical Block 6	Point	24.9	
Mechanical Block 6	Point	24.9	
Mechanical Block 7	Point	29.8	
Mechanical Block 7	Point	33.5	
Mechanical Block 7	Point	32.1	
Mechanical Block 7	Point	31.8	
Mechanical Block 7	Point	31.7	
Mechanical Block 7	Point	27.4	
Mechanical Block 7	Point	27.0	
Mechanical Block 7	Point	27.1	
Mechanical Block 8	Point	20.6	
Mechanical Block 8	Point	20.7	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	23.0	
Mechanical Block 8	Point	22.2	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	22.1	
Mechanical Block 8	Point	18.8	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.0	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	18.9	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R7 FI 2.FL Leq,d 49.8 dB(A)			
Mechanical Block 0	Point	40.4	
Mechanical Block 0	Point	39.5	
Mechanical Block 0	Point	36.3	
Mechanical Block 0	Point	35.5	
Mechanical Block 0	Point	34.9	
Mechanical Block 0	Point	30.1	
Mechanical Block 0	Point	30.5	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	20.2	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	22.0	
Mechanical Block 56	Point	18.6	
Mechanical Block 6	Point	29.3	
Mechanical Block 6	Point	29.3	
Mechanical Block 6	Point	29.1	
Mechanical Block 6	Point	29.1	
Mechanical Block 7	Point	38.4	
Mechanical Block 7	Point	40.3	
Mechanical Block 7	Point	39.4	
Mechanical Block 7	Point	38.6	
Mechanical Block 7	Point	38.0	
Mechanical Block 7	Point	38.0	
Mechanical Block 7	Point	37.5	
Mechanical Block 7	Point	37.1	
Mechanical Block 8	Point	18.4	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	23.4	
Mechanical Block 8	Point	23.3	
Mechanical Block 8	Point	24.6	
Mechanical Block 8	Point	24.4	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	16.4	
Mechanical Block 8	Point	16.4	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	19.7	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R8 FI 1.FL Leq,d 37.0 dB(A)			
Mechanical Block 0	Point	29.2	
Mechanical Block 0	Point	27.4	
Mechanical Block 0	Point	27.2	
Mechanical Block 0	Point	26.1	
Mechanical Block 0	Point	25.7	
Mechanical Block 0	Point	17.3	
Mechanical Block 0	Point	24.3	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	17.5	
Mechanical Block 56	Point	18.9	
Mechanical Block 56	Point	18.9	
Mechanical Block 56	Point	18.8	
Mechanical Block 56	Point	20.7	
Mechanical Block 56	Point	16.5	
Mechanical Block 6	Point	21.2	
Mechanical Block 6	Point	21.2	
Mechanical Block 6	Point	21.0	
Mechanical Block 6	Point	21.1	
Mechanical Block 7	Point	11.8	
Mechanical Block 7	Point	10.2	
Mechanical Block 7	Point	9.8	
Mechanical Block 7	Point	9.6	
Mechanical Block 7	Point	9.6	
Mechanical Block 7	Point	11.2	
Mechanical Block 7	Point	10.6	
Mechanical Block 7	Point	10.4	
Mechanical Block 8	Point	15.3	
Mechanical Block 8	Point	16.7	
Mechanical Block 8	Point	18.5	
Mechanical Block 8	Point	21.4	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	21.3	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	18.4	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R9 FI 1.FL Leq,d 34.0 dB(A)			
Mechanical Block 0	Point	25.1	
Mechanical Block 0	Point	25.3	
Mechanical Block 0	Point	9.1	
Mechanical Block 0	Point	9.2	
Mechanical Block 0	Point	9.6	
Mechanical Block 0	Point	17.6	
Mechanical Block 0	Point	17.1	
Mechanical Block 56	Point	15.0	
Mechanical Block 56	Point	15.1	
Mechanical Block 56	Point	18.1	
Mechanical Block 56	Point	19.8	
Mechanical Block 56	Point	19.2	
Mechanical Block 56	Point	19.1	
Mechanical Block 56	Point	19.0	
Mechanical Block 56	Point	10.8	
Mechanical Block 6	Point	16.8	
Mechanical Block 6	Point	21.4	
Mechanical Block 6	Point	16.9	
Mechanical Block 6	Point	21.5	
Mechanical Block 7	Point	5.9	
Mechanical Block 7	Point	5.9	
Mechanical Block 7	Point	4.9	
Mechanical Block 7	Point	5.2	
Mechanical Block 7	Point	6.1	
Mechanical Block 7	Point	6.0	
Mechanical Block 7	Point	6.1	
Mechanical Block 7	Point	6.3	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	16.9	
Mechanical Block 8	Point	16.8	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	17.5	
Mechanical Block 8	Point	19.2	
Mechanical Block 8	Point	17.5	
Mechanical Block 8	Point	18.7	
Mechanical Block 8	Point	20.2	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.4	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R10 FI 1.FL Leq,d 38.3 dB(A)			
Mechanical Block 0	Point	26.0	
Mechanical Block 0	Point	26.4	
Mechanical Block 0	Point	28.2	
Mechanical Block 0	Point	30.8	
Mechanical Block 0	Point	30.4	
Mechanical Block 0	Point	9.9	
Mechanical Block 0	Point	7.3	
Mechanical Block 56	Point	4.7	
Mechanical Block 56	Point	10.8	
Mechanical Block 56	Point	11.0	
Mechanical Block 56	Point	5.2	
Mechanical Block 56	Point	4.9	
Mechanical Block 56	Point	4.5	
Mechanical Block 56	Point	4.3	
Mechanical Block 56	Point	3.6	
Mechanical Block 6	Point	9.3	
Mechanical Block 6	Point	9.1	
Mechanical Block 6	Point	9.2	
Mechanical Block 6	Point	9.1	
Mechanical Block 7	Point	23.7	
Mechanical Block 7	Point	24.0	
Mechanical Block 7	Point	23.4	
Mechanical Block 7	Point	23.6	
Mechanical Block 7	Point	23.8	
Mechanical Block 7	Point	24.6	
Mechanical Block 7	Point	24.7	
Mechanical Block 7	Point	25.0	
Mechanical Block 8	Point	15.6	
Mechanical Block 8	Point	15.9	
Mechanical Block 8	Point	16.1	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	17.1	
Mechanical Block 8	Point	18.1	
Mechanical Block 8	Point	20.1	
Mechanical Block 8	Point	16.3	
Mechanical Block 8	Point	17.3	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.8	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 1.FL Leq,d 40.2 dB(A)			
Mechanical Block 0	Point	31.0	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	29.0	
Mechanical Block 0	Point	28.7	
Mechanical Block 0	Point	28.5	
Mechanical Block 0	Point	25.5	
Mechanical Block 0	Point	24.3	
Mechanical Block 56	Point	2.5	
Mechanical Block 56	Point	2.5	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	3.9	
Mechanical Block 56	Point	3.8	
Mechanical Block 56	Point	3.8	
Mechanical Block 56	Point	3.9	
Mechanical Block 56	Point	2.7	
Mechanical Block 6	Point	13.8	
Mechanical Block 6	Point	13.8	
Mechanical Block 6	Point	13.1	
Mechanical Block 6	Point	16.8	
Mechanical Block 7	Point	25.7	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	27.5	
Mechanical Block 7	Point	26.4	
Mechanical Block 7	Point	26.4	
Mechanical Block 7	Point	26.9	
Mechanical Block 7	Point	27.4	
Mechanical Block 7	Point	26.5	
Mechanical Block 8	Point	14.0	
Mechanical Block 8	Point	14.9	
Mechanical Block 8	Point	16.3	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	19.2	
Mechanical Block 8	Point	19.4	
Mechanical Block 8	Point	19.6	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	14.4	
Mechanical Block 8	Point	16.2	
Mechanical Block 8	Point	16.5	
Mechanical Block 8	Point	16.9	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 2.FL Leq,d 42.1 dB(A)			
Mechanical Block 0	Point	33.1	
Mechanical Block 0	Point	33.3	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	32.6	
Mechanical Block 0	Point	32.2	
Mechanical Block 0	Point	26.4	
Mechanical Block 0	Point	26.3	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	2.6	
Mechanical Block 56	Point	2.7	
Mechanical Block 56	Point	4.4	
Mechanical Block 56	Point	4.4	
Mechanical Block 56	Point	4.5	
Mechanical Block 56	Point	4.6	
Mechanical Block 56	Point	3.2	
Mechanical Block 6	Point	19.9	
Mechanical Block 6	Point	19.7	
Mechanical Block 6	Point	19.7	
Mechanical Block 6	Point	22.1	
Mechanical Block 7	Point	26.2	
Mechanical Block 7	Point	28.6	
Mechanical Block 7	Point	28.3	
Mechanical Block 7	Point	27.3	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	27.2	
Mechanical Block 7	Point	27.6	
Mechanical Block 7	Point	26.8	
Mechanical Block 8	Point	14.7	
Mechanical Block 8	Point	15.9	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	20.5	
Mechanical Block 8	Point	20.7	
Mechanical Block 8	Point	20.9	
Mechanical Block 8	Point	21.1	
Mechanical Block 8	Point	14.9	
Mechanical Block 8	Point	15.2	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	18.1	

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## District NoHo

### Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R12 FI 1.FL Leq,d 35.1 dB(A)			
Mechanical Block 0	Point	17.3	
Mechanical Block 0	Point	8.2	
Mechanical Block 0	Point	8.9	
Mechanical Block 0	Point	16.2	
Mechanical Block 0	Point	16.5	
Mechanical Block 0	Point	15.9	
Mechanical Block 0	Point	14.4	
Mechanical Block 56	Point	15.2	
Mechanical Block 56	Point	15.7	
Mechanical Block 56	Point	16.5	
Mechanical Block 56	Point	20.6	
Mechanical Block 56	Point	20.3	
Mechanical Block 56	Point	16.0	
Mechanical Block 56	Point	15.4	
Mechanical Block 56	Point	17.8	
Mechanical Block 6	Point	25.5	
Mechanical Block 6	Point	25.5	
Mechanical Block 6	Point	27.0	
Mechanical Block 6	Point	27.0	
Mechanical Block 7	Point	12.9	
Mechanical Block 7	Point	13.6	
Mechanical Block 7	Point	13.7	
Mechanical Block 7	Point	14.0	
Mechanical Block 7	Point	14.5	
Mechanical Block 7	Point	13.2	
Mechanical Block 7	Point	15.8	
Mechanical Block 7	Point	16.8	
Mechanical Block 8	Point	17.4	
Mechanical Block 8	Point	14.8	
Mechanical Block 8	Point	13.6	
Mechanical Block 8	Point	13.3	
Mechanical Block 8	Point	14.2	
Mechanical Block 8	Point	15.7	
Mechanical Block 8	Point	18.7	
Mechanical Block 8	Point	17.6	
Mechanical Block 8	Point	17.9	
Mechanical Block 8	Point	19.3	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	18.9	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R13 FI 1.FL Leq,d 29.2 dB(A)			
Mechanical Block 0	Point	17.8	
Mechanical Block 0	Point	18.0	
Mechanical Block 0	Point	19.1	
Mechanical Block 0	Point	19.4	
Mechanical Block 0	Point	19.6	
Mechanical Block 0	Point	1.3	
Mechanical Block 0	Point	1.5	
Mechanical Block 56	Point	8.6	
Mechanical Block 56	Point	9.6	
Mechanical Block 56	Point	11.1	
Mechanical Block 56	Point	11.6	
Mechanical Block 56	Point	9.6	
Mechanical Block 56	Point	8.4	
Mechanical Block 56	Point	7.5	
Mechanical Block 56	Point	6.0	
Mechanical Block 6	Point	7.9	
Mechanical Block 6	Point	8.1	
Mechanical Block 6	Point	8.0	
Mechanical Block 6	Point	8.1	
Mechanical Block 7	Point	0.5	
Mechanical Block 7	Point	1.2	
Mechanical Block 7	Point	1.3	
Mechanical Block 7	Point	1.4	
Mechanical Block 7	Point	1.6	
Mechanical Block 7	Point	-0.2	
Mechanical Block 7	Point	10.8	
Mechanical Block 7	Point	11.0	
Mechanical Block 8	Point	18.1	
Mechanical Block 8	Point	13.8	
Mechanical Block 8	Point	11.4	
Mechanical Block 8	Point	9.7	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.4	
Mechanical Block 8	Point	9.2	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	16.6	
Mechanical Block 8	Point	13.0	
Mechanical Block 8	Point	10.9	

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# District NoHo

## Contribution level - Phase 1 Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R13 FI 2.FL Leq,d 34.5 dB(A)			
Mechanical Block 0	Point	18.5	
Mechanical Block 0	Point	18.7	
Mechanical Block 0	Point	19.6	
Mechanical Block 0	Point	20.1	
Mechanical Block 0	Point	21.0	
Mechanical Block 0	Point	1.5	
Mechanical Block 0	Point	1.7	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	22.7	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.5	
Mechanical Block 56	Point	19.4	
Mechanical Block 6	Point	18.9	
Mechanical Block 6	Point	20.1	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	20.2	
Mechanical Block 7	Point	10.7	
Mechanical Block 7	Point	10.3	
Mechanical Block 7	Point	10.8	
Mechanical Block 7	Point	11.0	
Mechanical Block 7	Point	11.0	
Mechanical Block 7	Point	10.9	
Mechanical Block 7	Point	11.2	
Mechanical Block 7	Point	11.4	
Mechanical Block 8	Point	19.9	
Mechanical Block 8	Point	19.1	
Mechanical Block 8	Point	18.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	17.2	
Mechanical Block 8	Point	19.8	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.7	
Mechanical Block 8	Point	19.0	
Mechanical Block 8	Point	18.0	

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# District NoHo Source Levels in dB(A) - Phase 1 Loading

This image shows a completely blank white rectangular area enclosed within a thin black border. There are no markings, text, or illustrations present on the page.



## District NoHo

### Contribution level - Phase 1 Loading

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 40.3 dB(A)			
Loading Block 5	Point	16.0	
Loading Block 5	Point	40.3	
Trash Compactor Block 7	Point	-9.2	
Loading Block 8	Point	15.0	
Receiver R1 FI 2.FL Leq,d 40.0 dB(A)			
Loading Block 5	Point	16.4	
Loading Block 5	Point	39.9	
Trash Compactor Block 7	Point	-23.6	
Loading Block 8	Point	14.7	
Receiver R2 FI 1.FL Leq,d 54.9 dB(A)			
Loading Block 5	Point	51.7	
Loading Block 5	Point	52.1	
Trash Compactor Block 7	Point	12.3	
Loading Block 8	Point	1.9	
Receiver R2 FI 2.FL Leq,d 53.3 dB(A)			
Loading Block 5	Point	50.0	
Loading Block 5	Point	50.6	
Trash Compactor Block 7	Point	9.9	
Loading Block 8	Point	2.7	
Receiver R3 FI 1.FL Leq,d 44.5 dB(A)			
Loading Block 5	Point	28.4	
Loading Block 5	Point	44.4	
Trash Compactor Block 7	Point	-8.0	
Loading Block 8	Point	7.9	
Receiver R3 FI 2.FL Leq,d 44.4 dB(A)			
Loading Block 5	Point	29.0	
Loading Block 5	Point	44.3	
Trash Compactor Block 7	Point	-7.5	
Loading Block 8	Point	13.3	
Receiver R4 FI 1.FL Leq,d 22.1 dB(A)			
Loading Block 5	Point	19.0	
Loading Block 5	Point	19.3	
Trash Compactor Block 7	Point	-2.5	
Loading Block 8	Point	-5.1	
Receiver R5 FI 1.FL Leq,d 19.0 dB(A)			
Loading Block 5	Point	17.5	
Loading Block 5	Point	7.9	
Trash Compactor Block 7	Point	8.8	

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## District NoHo

### Contribution level - Phase 1 Loading

Source	Source type	Leq,d dB(A)	
Loading Block 8	Point	9.6	
Receiver R5 FI 2.FL Leq,d 17.2 dB(A)			
Loading Block 5	Point	16.8	
Loading Block 5	Point	3.9	
Trash Compactor Block 7	Point		
Loading Block 8	Point	2.5	
Receiver R6 FI 1.FL Leq,d 14.5 dB(A)			
Loading Block 5	Point	10.8	
Loading Block 5	Point	10.8	
Trash Compactor Block 7	Point	1.0	
Loading Block 8	Point	4.7	
Receiver R7 FI 1.FL Leq,d 16.4 dB(A)			
Loading Block 5	Point	13.0	
Loading Block 5	Point	12.8	
Trash Compactor Block 7	Point	2.8	
Loading Block 8	Point	4.7	
Receiver R7 FI 2.FL Leq,d 15.8 dB(A)			
Loading Block 5	Point	12.3	
Loading Block 5	Point	12.1	
Trash Compactor Block 7	Point	2.4	
Loading Block 8	Point	5.2	
Receiver R8 FI 1.FL Leq,d 14.5 dB(A)			
Loading Block 5	Point	11.4	
Loading Block 5	Point	10.5	
Trash Compactor Block 7	Point	-7.5	
Loading Block 8	Point	4.3	
Receiver R9 FI 1.FL Leq,d 61.4 dB(A)			
Loading Block 5	Point	0.7	
Loading Block 5	Point	0.8	
Trash Compactor Block 7	Point	-1.4	
Loading Block 8	Point	61.4	
Receiver R10 FI 1.FL Leq,d 30.7 dB(A)			
Loading Block 5	Point	3.6	
Loading Block 5	Point	-1.1	
Trash Compactor Block 7	Point	0.5	
Loading Block 8	Point	30.7	
Receiver R11 FI 1.FL Leq,d 19.5 dB(A)			
Loading Block 5	Point	-0.9	
Loading Block 5	Point	12.8	

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## District NoHo

### Contribution level - Phase 1 Loading

Source	Source type	Leq,d dB(A)	
Trash Compactor Block 7	Point	2.2	
Loading Block 8	Point	18.2	
Receiver R11 FI 2.FL Leq,d 13.9 dB(A)			
Loading Block 5	Point	2.2	
Loading Block 5	Point	12.5	
Trash Compactor Block 7	Point	7.0	
Loading Block 8	Point		
Receiver R12 FI 1.FL Leq,d 14.3 dB(A)			
Loading Block 5	Point	6.2	
Loading Block 5	Point	5.9	
Trash Compactor Block 7	Point	-1.1	
Loading Block 8	Point	12.5	
Receiver R13 FI 1.FL Leq,d 35.6 dB(A)			
Loading Block 5	Point	35.5	
Loading Block 5	Point	19.6	
Trash Compactor Block 7	Point	-13.0	
Loading Block 8	Point	-0.2	
Receiver R13 FI 2.FL Leq,d 41.1 dB(A)			
Loading Block 5	Point	40.1	
Loading Block 5	Point	34.1	
Trash Compactor Block 7	Point	5.6	
Loading Block 8	Point	0.7	

**District NoHo**  
**Source Levels in dB(A) - Phase 1 Loading Block 6 Retail**

Name	Source type	Lw dB(A)	
Loading Retail at Block 6	Point	101.9	
Loading Retail at Block 6	Point	101.9	

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# District NoHo

## Contribution level - Phase 1 Loading Block 6 Retail

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 49.9 dB(A)			
Loading Retail at Block 6	Point	49.9	
Loading Retail at Block 6	Point	25.2	
Receiver R1 FI 2.FL Leq,d 49.3 dB(A)			
Loading Retail at Block 6	Point	49.2	
Loading Retail at Block 6	Point	24.7	
Receiver R2 FI 1.FL Leq,d 46.3 dB(A)			
Loading Retail at Block 6	Point	45.6	
Loading Retail at Block 6	Point	38.1	
Receiver R2 FI 2.FL Leq,d 43.6 dB(A)			
Loading Retail at Block 6	Point	43.2	
Loading Retail at Block 6	Point	33.2	
Receiver R3 FI 1.FL Leq,d 46.9 dB(A)			
Loading Retail at Block 6	Point	20.4	
Loading Retail at Block 6	Point	46.9	
Receiver R3 FI 2.FL Leq,d 46.3 dB(A)			
Loading Retail at Block 6	Point	20.0	
Loading Retail at Block 6	Point	46.3	
Receiver R4 FI 1.FL Leq,d 20.8 dB(A)			
Loading Retail at Block 6	Point	20.5	
Loading Retail at Block 6	Point	9.3	
Receiver R5 FI 1.FL Leq,d 50.9 dB(A)			
Loading Retail at Block 6	Point	48.0	
Loading Retail at Block 6	Point	47.8	
Receiver R5 FI 2.FL Leq,d 49.5 dB(A)			
Loading Retail at Block 6	Point	46.7	
Loading Retail at Block 6	Point	46.2	
Receiver R6 FI 1.FL Leq,d 26.3 dB(A)			
Loading Retail at Block 6	Point	24.9	
Loading Retail at Block 6	Point	20.7	
Receiver R7 FI 1.FL Leq,d 40.5 dB(A)			
Loading Retail at Block 6	Point	22.5	
Loading Retail at Block 6	Point	40.5	
Receiver R7 FI 2.FL Leq,d 39.9 dB(A)			
Loading Retail at Block 6	Point	23.3	
Loading Retail at Block 6	Point	39.8	
Receiver R8 FI 1.FL Leq,d 31.6 dB(A)			
Loading Retail at Block 6	Point	11.2	

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# District NoHo

## Contribution level - Phase 1 Loading Block 6 Retail

Source	Source type	Leq,d dB(A)	
Loading Retail at Block 6	Point	31.5	
Receiver R9 FI 1.FL Leq,d 25.6 dB(A)			
Loading Retail at Block 6	Point	18.1	
Loading Retail at Block 6	Point	24.7	
Receiver R10 FI 1.FL Leq,d 18.5 dB(A)			
Loading Retail at Block 6	Point	14.2	
Loading Retail at Block 6	Point	16.5	
Receiver R11 FI 1.FL Leq,d 19.9 dB(A)			
Loading Retail at Block 6	Point	17.0	
Loading Retail at Block 6	Point	16.7	
Receiver R11 FI 2.FL Leq,d 18.7 dB(A)			
Loading Retail at Block 6	Point	15.0	
Loading Retail at Block 6	Point	16.3	
Receiver R12 FI 1.FL Leq,d 20.3 dB(A)			
Loading Retail at Block 6	Point	13.6	
Loading Retail at Block 6	Point	19.3	
Receiver R13 FI 1.FL Leq,d 16.7 dB(A)			
Loading Retail at Block 6	Point	11.9	
Loading Retail at Block 6	Point	14.9	
Receiver R13 FI 2.FL Leq,d 16.7 dB(A)			
Loading Retail at Block 6	Point	11.5	
Loading Retail at Block 6	Point	15.2	

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# District NoHo

## Input data parking lots - Phase 1 Parking

Parking lot	PLT	Parking Spaces	
Parking Block 7 Level 1	Visitors and staff	25	
Parking Block 8 Level 1	Visitors and staff	36	
Parking Block 8 Level 2	Visitors and staff	73	
Parking Block 8 Level 3	Visitors and staff	116	
Parking Block 8 - Level 4	Visitors and staff	116	
Parking Bock 8 Level 5	Visitors and staff	116	
Parking Bock 8 Level 5	Visitors and staff	116	
Parkiing East Lot Level 2	Housing estate	235	
Parkiing East Lot Level 1	Housing estate	200	
Parking West Lot Level 1	Housing estate	113	
Parking West Lot Level 1	Housing estate	14	
Parking West Lot Level 1	Housing estate	6	
Parking West Lot Level 5	Housing estate	131	
Parking West Lot Level 2	Housing estate	127	
Parking West Lot Level 3	Housing estate	127	
Parking West Lot Level 4	Housing estate	127	

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# District NoHo

## Source Levels in dB(A) - Phase 1 Parking

Name	Source type	Lw dB(A)	
Parking East Lot Level 1	PLot	96.2	
Parking East Lot Level 2	PLot	97.1	
Parking Block 7 Level 1	PLot	84.0	
Parking Block 8 - Level 4	PLot	92.7	
Parking Block 8 Level 1	PLot	86.1	
Parking Block 8 Level 2	PLot	90.1	
Parking Block 8 Level 3	PLot	92.7	
Parking Block 8 Level 5	PLot	92.7	
Parking Block 8 Level 5	PLot	92.7	
Parking West Lot Level 1	PLot	75.3	
Parking West Lot Level 1	PLot	80.7	
Parking West Lot Level 1	PLot	93.1	
Parking West Lot Level 2	PLot	93.7	
Parking West Lot Level 3	PLot	93.7	
Parking West Lot Level 4	PLot	93.7	
Parking West Lot Level 5	PLot	93.9	



## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 30.9 dB(A)			
Parking Block 7 Level 1	PLot	17.4	
Parking Block 8 Level 1	PLot	-4.1	
Parking Block 8 Level 2	PLot	2.2	
Parking Block 8 Level 3	PLot	12.8	
Parking Block 8 - Level 4	PLot	15.8	
Parking Bock 8 Level 5	PLot	17.4	
Parking Bock 8 Level 5	PLot	18.4	
Parkiing East Lot Level 2	PLot	22.0	
Parkiing East Lot Level 1	PLot	20.4	
Parking West Lot Level 1	PLot	18.2	
Parking West Lot Level 1	PLot	3.5	
Parking West Lot Level 1	PLot	-1.8	
Parking West Lot Level 5	PLot	23.0	
Parking West Lot Level 2	PLot	23.0	
Parking West Lot Level 3	PLot	20.2	
Parking West Lot Level 4	PLot	21.7	
Receiver R1 FI 2.FL Leq,d 32.9 dB(A)			
Parking Block 7 Level 1	PLot	18.6	
Parking Block 8 Level 1	PLot	-4.7	
Parking Block 8 Level 2	PLot	2.9	
Parking Block 8 Level 3	PLot	17.4	
Parking Block 8 - Level 4	PLot	18.6	
Parking Bock 8 Level 5	PLot	20.1	
Parking Bock 8 Level 5	PLot	22.0	
Parkiing East Lot Level 2	PLot	26.1	
Parkiing East Lot Level 1	PLot	23.0	
Parking West Lot Level 1	PLot	20.3	
Parking West Lot Level 1	PLot	5.1	
Parking West Lot Level 1	PLot	-0.6	
Parking West Lot Level 5	PLot	23.5	
Parking West Lot Level 2	PLot	23.6	
Parking West Lot Level 3	PLot	21.8	
Parking West Lot Level 4	PLot	22.7	
Receiver R2 FI 1.FL Leq,d 33.6 dB(A)			
Parking Block 7 Level 1	PLot	16.2	
Parking Block 8 Level 1	PLot	-5.9	
Parking Block 8 Level 2	PLot	5.5	
Parking Block 8 Level 3	PLot	24.6	
Parking Block 8 - Level 4	PLot	26.6	

## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking Bock 8 Level 5	PLot	25.3	
Parking Bock 8 Level 5	PLot	26.8	
Parkiing East Lot Level 2	PLot	25.6	
Parkiing East Lot Level 1	PLot	24.8	
Parking West Lot Level 1	PLot	3.1	
Parking West Lot Level 1	PLot	-2.4	
Parking West Lot Level 1	PLot	-7.4	
Parking West Lot Level 5	PLot	8.1	
Parking West Lot Level 2	PLot	9.5	
Parking West Lot Level 3	PLot	7.4	
Parking West Lot Level 4	PLot	8.2	
Receiver R2 FI 2.FL Leq,d 36.6 dB(A)			
Parking Block 7 Level 1	PLot	13.6	
Parking Block 8 Level 1	PLot	-6.5	
Parking Block 8 Level 2	PLot	5.5	
Parking Block 8 Level 3	PLot	24.2	
Parking Block 8 - Level 4	PLot	24.2	
Parking Bock 8 Level 5	PLot	22.2	
Parking Bock 8 Level 5	PLot	25.0	
Parkiing East Lot Level 2	PLot	34.1	
Parkiing East Lot Level 1	PLot	29.7	
Parking West Lot Level 1	PLot	7.5	
Parking West Lot Level 1	PLot	-2.7	
Parking West Lot Level 1	PLot	-7.8	
Parking West Lot Level 5	PLot	1.9	
Parking West Lot Level 2	PLot	9.1	
Parking West Lot Level 3	PLot	8.0	
Parking West Lot Level 4	PLot	8.2	
Receiver R3 FI 1.FL Leq,d 35.6 dB(A)			
Parking Block 7 Level 1	PLot	6.2	
Parking Block 8 Level 1	PLot	0.0	
Parking Block 8 Level 2	PLot	12.7	
Parking Block 8 Level 3	PLot	23.6	
Parking Block 8 - Level 4	PLot	26.1	
Parking Bock 8 Level 5	PLot	24.5	
Parking Bock 8 Level 5	PLot	26.9	
Parkiing East Lot Level 2	PLot	28.5	
Parkiing East Lot Level 1	PLot	27.7	
Parking West Lot Level 1	PLot	20.8	
Parking West Lot Level 1	PLot	8.1	

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## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 1	PLot	3.6	
Parking West Lot Level 5	PLot	23.1	
Parking West Lot Level 2	PLot	23.8	
Parking West Lot Level 3	PLot	22.5	
Parking West Lot Level 4	PLot	22.8	
Receiver R3 FI 2.FL Leq,d 40.9 dB(A)			
Parking Block 7 Level 1	PLot	8.4	
Parking Block 8 Level 1	PLot	9.8	
Parking Block 8 Level 2	PLot	19.8	
Parking Block 8 Level 3	PLot	29.9	
Parking Block 8 - Level 4	PLot	31.1	
Parking Bock 8 Level 5	PLot	28.7	
Parking Bock 8 Level 5	PLot	30.9	
Parkiing East Lot Level 2	PLot	36.0	
Parkiing East Lot Level 1	PLot	34.4	
Parking West Lot Level 1	PLot	23.1	
Parking West Lot Level 1	PLot	9.6	
Parking West Lot Level 1	PLot	7.0	
Parking West Lot Level 5	PLot	23.2	
Parking West Lot Level 2	PLot	24.0	
Parking West Lot Level 3	PLot	24.2	
Parking West Lot Level 4	PLot	23.0	
Receiver R4 FI 1.FL Leq,d 35.2 dB(A)			
Parking Block 7 Level 1	PLot	2.7	
Parking Block 8 Level 1	PLot	-13.6	
Parking Block 8 Level 2	PLot	-2.5	
Parking Block 8 Level 3	PLot	9.4	
Parking Block 8 - Level 4	PLot	10.4	
Parking Bock 8 Level 5	PLot	9.1	
Parking Bock 8 Level 5	PLot	11.9	
Parkiing East Lot Level 2	PLot	32.7	
Parkiing East Lot Level 1	PLot	31.1	
Parking West Lot Level 1	PLot	13.7	
Parking West Lot Level 1	PLot	-2.4	
Parking West Lot Level 1	PLot	-8.3	
Parking West Lot Level 5	PLot	14.5	
Parking West Lot Level 2	PLot	15.8	
Parking West Lot Level 3	PLot	14.5	
Parking West Lot Level 4	PLot	13.8	
Receiver R5 FI 1.FL Leq,d 34.9 dB(A)			

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## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking Block 7 Level 1	PLot	29.1	
Parking Block 8 Level 1	PLot	15.2	
Parking Block 8 Level 2	PLot	11.0	
Parking Block 8 Level 3	PLot	25.1	
Parking Block 8 - Level 4	PLot	26.7	
Parking Bock 8 Level 5	PLot	26.2	
Parking Bock 8 Level 5	PLot	26.7	
Parking East Lot Level 2	PLot	17.0	
Parking East Lot Level 1	PLot	13.7	
Parking West Lot Level 1	PLot	17.1	
Parking West Lot Level 1	PLot	6.1	
Parking West Lot Level 1	PLot	1.4	
Parking West Lot Level 5	PLot	20.8	
Parking West Lot Level 2	PLot	20.5	
Parking West Lot Level 3	PLot	19.1	
Parking West Lot Level 4	PLot	19.9	
Receiver R5 FI 2.FL Leq,d 40.7 dB(A)			
Parking Block 7 Level 1	PLot	28.4	
Parking Block 8 Level 1	PLot	13.2	
Parking Block 8 Level 2	PLot	17.0	
Parking Block 8 Level 3	PLot	23.8	
Parking Block 8 - Level 4	PLot	27.3	
Parking Bock 8 Level 5	PLot	26.7	
Parking Bock 8 Level 5	PLot	30.0	
Parking East Lot Level 2	PLot	22.4	
Parking East Lot Level 1	PLot	18.7	
Parking West Lot Level 1	PLot	31.0	
Parking West Lot Level 1	PLot	20.7	
Parking West Lot Level 1	PLot	16.3	
Parking West Lot Level 5	PLot	35.7	
Parking West Lot Level 2	PLot	30.0	
Parking West Lot Level 3	PLot	30.5	
Parking West Lot Level 4	PLot	31.0	
Receiver R6 FI 1.FL Leq,d 41.4 dB(A)			
Parking Block 7 Level 1	PLot	13.1	
Parking Block 8 Level 1	PLot	4.6	
Parking Block 8 Level 2	PLot	17.4	
Parking Block 8 Level 3	PLot	6.9	
Parking Block 8 - Level 4	PLot	9.3	
Parking Bock 8 Level 5	PLot	13.3	

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## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking Bock 8 Level 5	PLot	19.3	
Parkiing East Lot Level 2	PLot	3.9	
Parkiing East Lot Level 1	PLot	4.0	
Parking West Lot Level 1	PLot	32.1	
Parking West Lot Level 1	PLot	17.7	
Parking West Lot Level 1	PLot	21.7	
Parking West Lot Level 5	PLot	32.6	
Parking West Lot Level 2	PLot	37.8	
Parking West Lot Level 3	PLot	32.7	
Parking West Lot Level 4	PLot	33.2	
Receiver R7 FI 1.FL Leq,d 50.4 dB(A)			
Parking Block 7 Level 1	PLot	14.5	
Parking Block 8 Level 1	PLot	8.0	
Parking Block 8 Level 2	PLot	25.5	
Parking Block 8 Level 3	PLot	15.0	
Parking Block 8 - Level 4	PLot	11.6	
Parking Bock 8 Level 5	PLot	20.1	
Parking Bock 8 Level 5	PLot	26.6	
Parkiing East Lot Level 2	PLot	24.4	
Parkiing East Lot Level 1	PLot	24.0	
Parking West Lot Level 1	PLot	43.0	
Parking West Lot Level 1	PLot	24.5	
Parking West Lot Level 1	PLot	22.3	
Parking West Lot Level 5	PLot	36.2	
Parking West Lot Level 2	PLot	48.3	
Parking West Lot Level 3	PLot	39.5	
Parking West Lot Level 4	PLot	37.5	
Receiver R7 FI 2.FL Leq,d 50.1 dB(A)			
Parking Block 7 Level 1	PLot	15.0	
Parking Block 8 Level 1	PLot	13.1	
Parking Block 8 Level 2	PLot	28.2	
Parking Block 8 Level 3	PLot	13.1	
Parking Block 8 - Level 4	PLot	19.4	
Parking Bock 8 Level 5	PLot	22.7	
Parking Bock 8 Level 5	PLot	29.6	
Parkiing East Lot Level 2	PLot	26.1	
Parkiing East Lot Level 1	PLot	24.0	
Parking West Lot Level 1	PLot	38.5	
Parking West Lot Level 1	PLot	16.7	
Parking West Lot Level 1	PLot	13.1	

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## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 5	PLot	48.7	
Parking West Lot Level 2	PLot	35.7	
Parking West Lot Level 3	PLot	37.6	
Parking West Lot Level 4	PLot	39.3	
Receiver R8 FI 1.FL Leq,d 43.2 dB(A)			
Parking Block 7 Level 1	PLot	5.7	
Parking Block 8 Level 1	PLot	5.0	
Parking Block 8 Level 2	PLot	25.4	
Parking Block 8 Level 3	PLot	13.7	
Parking Block 8 - Level 4	PLot	5.7	
Parking Bock 8 Level 5	PLot	21.0	
Parking Bock 8 Level 5	PLot	25.9	
Parkiing East Lot Level 2	PLot	22.5	
Parkiing East Lot Level 1	PLot	22.1	
Parking West Lot Level 1	PLot	33.6	
Parking West Lot Level 1	PLot	22.2	
Parking West Lot Level 1	PLot	17.6	
Parking West Lot Level 5	PLot	34.7	
Parking West Lot Level 2	PLot	39.4	
Parking West Lot Level 3	PLot	34.5	
Parking West Lot Level 4	PLot	34.5	
Receiver R9 FI 1.FL Leq,d 40.2 dB(A)			
Parking Block 7 Level 1	PLot	3.0	
Parking Block 8 Level 1	PLot	30.3	
Parking Block 8 Level 2	PLot	37.6	
Parking Block 8 Level 3	PLot	28.1	
Parking Block 8 - Level 4	PLot	28.2	
Parking Bock 8 Level 5	PLot	27.7	
Parking Bock 8 Level 5	PLot	30.5	
Parkiing East Lot Level 2	PLot	23.2	
Parkiing East Lot Level 1	PLot	20.4	
Parking West Lot Level 1	PLot	15.6	
Parking West Lot Level 1	PLot	-4.0	
Parking West Lot Level 1	PLot	-9.5	
Parking West Lot Level 5	PLot	19.7	
Parking West Lot Level 2	PLot	18.3	
Parking West Lot Level 3	PLot	17.5	
Parking West Lot Level 4	PLot	18.4	
Receiver R10 FI 1.FL Leq,d 38.7 dB(A)			
Parking Block 7 Level 1	PLot	4.0	

## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking Block 8 Level 1	PLot	17.3	
Parking Block 8 Level 2	PLot	36.4	
Parking Block 8 Level 3	PLot	25.6	
Parking Block 8 - Level 4	PLot	24.9	
Parking Bock 8 Level 5	PLot	28.6	
Parking Bock 8 Level 5	PLot	29.6	
Parking East Lot Level 2	PLot	22.3	
Parking East Lot Level 1	PLot	19.6	
Parking West Lot Level 1	PLot	16.0	
Parking West Lot Level 1	PLot	-2.6	
Parking West Lot Level 1	PLot	-8.6	
Parking West Lot Level 5	PLot	20.9	
Parking West Lot Level 2	PLot	20.0	
Parking West Lot Level 3	PLot	19.3	
Parking West Lot Level 4	PLot	19.8	
Receiver R11 FI 1.FL Leq,d 35.7 dB(A)			
Parking Block 7 Level 1	PLot	5.1	
Parking Block 8 Level 1	PLot	16.6	
Parking Block 8 Level 2	PLot	28.7	
Parking Block 8 Level 3	PLot	25.4	
Parking Block 8 - Level 4	PLot	13.1	
Parking Bock 8 Level 5	PLot	28.1	
Parking Bock 8 Level 5	PLot	28.8	
Parking East Lot Level 2	PLot	14.6	
Parking East Lot Level 1	PLot	13.1	
Parking West Lot Level 1	PLot	19.4	
Parking West Lot Level 1	PLot	1.6	
Parking West Lot Level 1	PLot	-5.7	
Parking West Lot Level 5	PLot	24.6	
Parking West Lot Level 2	PLot	24.2	
Parking West Lot Level 3	PLot	23.6	
Parking West Lot Level 4	PLot	23.9	
Receiver R11 FI 2.FL Leq,d 38.6 dB(A)			
Parking Block 7 Level 1	PLot	5.1	
Parking Block 8 Level 1	PLot	13.8	
Parking Block 8 Level 2	PLot	33.7	
Parking Block 8 Level 3	PLot	10.4	
Parking Block 8 - Level 4	PLot	13.4	
Parking Bock 8 Level 5	PLot	31.5	
Parking Bock 8 Level 5	PLot	32.6	

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## District NoHo

### Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking East Lot Level 2	PLot	21.3	
Parking East Lot Level 1	PLot	18.8	
Parking West Lot Level 1	PLot	22.6	
Parking West Lot Level 1	PLot	2.4	
Parking West Lot Level 1	PLot	-5.1	
Parking West Lot Level 5	PLot	25.2	
Parking West Lot Level 2	PLot	26.0	
Parking West Lot Level 3	PLot	24.3	
Parking West Lot Level 4	PLot	24.5	
Receiver R12 FI 1.FL Leq,d 31.6 dB(A)			
Parking Block 7 Level 1	PLot	-0.1	
Parking Block 8 Level 1	PLot	12.0	
Parking Block 8 Level 2	PLot	24.3	
Parking Block 8 Level 3	PLot	15.2	
Parking Block 8 - Level 4	PLot	14.4	
Parking Block 8 Level 5	PLot	9.4	
Parking Block 8 Level 5	PLot	25.6	
Parking East Lot Level 2	PLot	25.8	
Parking East Lot Level 1	PLot	23.5	
Parking West Lot Level 1	PLot	12.3	
Parking West Lot Level 1	PLot	-6.9	
Parking West Lot Level 1	PLot	-11.7	
Parking West Lot Level 5	PLot	15.4	
Parking West Lot Level 2	PLot	14.7	
Parking West Lot Level 3	PLot	13.6	
Parking West Lot Level 4	PLot	14.3	
Receiver R13 FI 1.FL Leq,d 52.6 dB(A)			
Parking Block 7 Level 1	PLot	-4.9	
Parking Block 8 Level 1	PLot	-7.6	
Parking Block 8 Level 2	PLot	-0.5	
Parking Block 8 Level 3	PLot	17.4	
Parking Block 8 - Level 4	PLot	18.9	
Parking Block 8 Level 5	PLot	18.7	
Parking Block 8 Level 5	PLot	19.8	
Parking East Lot Level 2	PLot	44.9	
Parking East Lot Level 1	PLot	51.8	
Parking West Lot Level 1	PLot	-1.7	
Parking West Lot Level 1	PLot	-14.4	
Parking West Lot Level 1	PLot	-19.4	
Parking West Lot Level 5	PLot	9.9	



# District NoHo

## Contribution level - Phase 1 Parking

Source	Source type	Leq,d dB(A)	
Parking West Lot Level 2	PLot	9.5	
Parking West Lot Level 3	PLot	7.0	
Parking West Lot Level 4	PLot	8.8	
Receiver R13 FI 2.FL Leq,d 55.1 dB(A)			
Parking Block 7 Level 1	PLot	-4.9	
Parking Block 8 Level 1	PLot	-7.8	
Parking Block 8 Level 2	PLot	0.9	
Parking Block 8 Level 3	PLot	19.4	
Parking Block 8 - Level 4	PLot	21.8	
Parking Bock 8 Level 5	PLot	18.8	
Parking Bock 8 Level 5	PLot	22.5	
Parking East Lot Level 2	PLot	55.0	
Parking East Lot Level 1	PLot	37.4	
Parking West Lot Level 1	PLot	9.3	
Parking West Lot Level 1	PLot	-6.1	
Parking West Lot Level 1	PLot	-9.7	
Parking West Lot Level 5	PLot	3.3	
Parking West Lot Level 2	PLot	10.9	
Parking West Lot Level 3	PLot	10.0	
Parking West Lot Level 4	PLot	10.4	

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# District NoHo

## Source Levels in dB(A) - Phase 1 People

Name	Source type	Lw dB(A)	
People Block 0 Level 1 (Transit Center)	Area	99.8	
People Block 0 West	Area	98.0	
People Block 6 Level 2	Area	86.0	
People Block 7 Level 1	Area	86.4	
People Block 7 Level 2	Area	89.0	
People Block 7 Level 5	Area	83.9	
People Block 8 Level 1	Area	94.9	
People Block 8 Level 7	Area	96.9	
People Block 56 Level 1 (NoHo Square)	Area	96.9	
People Block 56 Level 1 (Promenade)	Area	98.2	
People Block 56 Level 2	Area	84.6	
People Block 56 Level 6	Area	90.7	
People Block 56 Level 6	Area	85.0	
People Block 56 Level 6	Area	91.0	

## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 42.8 dB(A)			
People Block 0 West	Area	35.2	
People Block 0 Level 1 (Transit Center)	Area	40.7	
People Block 56 Level 2	Area	4.4	
People Block 56 Level 6	Area	31.7	
People Block 56 Level 6	Area	30.3	
People Block 56 Level 6	Area	28.7	
People Block 56 Level 1 (NoHo Square)	Area	16.5	
People Block 56 Level 1 (Promenade)	Area	21.7	
People Block 6 Level 2	Area	8.9	
People Block 7 Level 1	Area	0.3	
People Block 7 Level 2	Area	25.3	
People Block 7 Level 5	Area	15.6	
People Block 8 Level 1	Area	20.5	
People Block 8 Level 7	Area	14.4	
Receiver R1 FI 2.FL Leq,d 43.7 dB(A)			
People Block 0 West	Area	36.4	
People Block 0 Level 1 (Transit Center)	Area	41.5	
People Block 56 Level 2	Area	4.5	
People Block 56 Level 6	Area	30.6	
People Block 56 Level 6	Area	32.2	
People Block 56 Level 6	Area	30.5	
People Block 56 Level 1 (NoHo Square)	Area	16.4	
People Block 56 Level 1 (Promenade)	Area	22.2	
People Block 6 Level 2	Area	9.6	
People Block 7 Level 1	Area	0.1	
People Block 7 Level 2	Area	27.3	
People Block 7 Level 5	Area	16.6	
People Block 8 Level 1	Area	22.4	
People Block 8 Level 7	Area	20.0	
Receiver R2 FI 1.FL Leq,d 42.6 dB(A)			
People Block 0 West	Area	24.4	
People Block 0 Level 1 (Transit Center)	Area	32.9	
People Block 56 Level 2	Area	16.2	
People Block 56 Level 6	Area	28.8	
People Block 56 Level 6	Area	26.3	
People Block 56 Level 6	Area	15.8	
People Block 56 Level 1 (NoHo Square)	Area	31.9	
People Block 56 Level 1 (Promenade)	Area	40.3	
People Block 6 Level 2	Area	14.6	

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## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
People Block 7 Level 1	Area	-0.5	
People Block 7 Level 2	Area	23.9	
People Block 7 Level 5	Area	17.0	
People Block 8 Level 1	Area	30.6	
People Block 8 Level 7	Area	29.8	
Receiver R2 FI 2.FL Leq,d 40.8 dB(A)			
People Block 0 West	Area	18.4	
People Block 0 Level 1 (Transit Center)	Area	31.0	
People Block 56 Level 2	Area	10.4	
People Block 56 Level 6	Area	25.9	
People Block 56 Level 6	Area	27.1	
People Block 56 Level 6	Area	17.9	
People Block 56 Level 1 (NoHo Square)	Area	27.2	
People Block 56 Level 1 (Promenade)	Area	38.4	
People Block 6 Level 2	Area	9.8	
People Block 7 Level 1	Area	-3.2	
People Block 7 Level 2	Area	22.5	
People Block 7 Level 5	Area	15.4	
People Block 8 Level 1	Area	30.6	
People Block 8 Level 7	Area	28.6	
Receiver R3 FI 1.FL Leq,d 51.5 dB(A)			
People Block 0 West	Area	39.2	
People Block 0 Level 1 (Transit Center)	Area	34.9	
People Block 56 Level 2	Area	29.6	
People Block 56 Level 6	Area	27.3	
People Block 56 Level 6	Area	12.9	
People Block 56 Level 6	Area	28.1	
People Block 56 Level 1 (NoHo Square)	Area	45.0	
People Block 56 Level 1 (Promenade)	Area	49.5	
People Block 6 Level 2	Area	28.5	
People Block 7 Level 1	Area	18.0	
People Block 7 Level 2	Area	14.7	
People Block 7 Level 5	Area	9.2	
People Block 8 Level 1	Area	32.6	
People Block 8 Level 7	Area	33.5	
Receiver R3 FI 2.FL Leq,d 51.8 dB(A)			
People Block 0 West	Area	39.2	
People Block 0 Level 1 (Transit Center)	Area	35.7	
People Block 56 Level 2	Area	32.2	
People Block 56 Level 6	Area	27.6	

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## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
People Block 56 Level 6	Area	16.3	
People Block 56 Level 6	Area	30.1	
People Block 56 Level 1 (NoHo Square)	Area	44.8	
People Block 56 Level 1 (Promenade)	Area	49.7	
People Block 6 Level 2	Area	30.4	
People Block 7 Level 1	Area	15.4	
People Block 7 Level 2	Area	19.7	
People Block 7 Level 5	Area	12.1	
People Block 8 Level 1	Area	38.6	
People Block 8 Level 7	Area	34.6	
Receiver R4 FI 1.FL Leq,d 24.7 dB(A)			
People Block 0 West	Area	7.2	
People Block 0 Level 1 (Transit Center)	Area	17.0	
People Block 56 Level 2	Area	-5.2	
People Block 56 Level 6	Area	16.9	
People Block 56 Level 6	Area	14.9	
People Block 56 Level 6	Area	13.8	
People Block 56 Level 1 (NoHo Square)	Area	7.7	
People Block 56 Level 1 (Promenade)	Area	11.8	
People Block 6 Level 2	Area	-4.0	
People Block 7 Level 1	Area	-7.4	
People Block 7 Level 2	Area	14.6	
People Block 7 Level 5	Area	8.0	
People Block 8 Level 1	Area	12.2	
People Block 8 Level 7	Area	17.7	
Receiver R5 FI 1.FL Leq,d 49.7 dB(A)			
People Block 0 West	Area	43.9	
People Block 0 Level 1 (Transit Center)	Area	46.5	
People Block 56 Level 2	Area	26.3	
People Block 56 Level 6	Area	32.2	
People Block 56 Level 6	Area	25.0	
People Block 56 Level 6	Area	31.9	
People Block 56 Level 1 (NoHo Square)	Area	35.6	
People Block 56 Level 1 (Promenade)	Area	37.7	
People Block 6 Level 2	Area	29.8	
People Block 7 Level 1	Area	13.5	
People Block 7 Level 2	Area	36.0	
People Block 7 Level 5	Area	25.7	
People Block 8 Level 1	Area	36.4	
People Block 8 Level 7	Area	20.9	

## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
Receiver R5 FI 2.FL Leq,d 50.4 dB(A)			
People Block 0 West	Area	44.4	
People Block 0 Level 1 (Transit Center)	Area	46.7	
People Block 56 Level 2	Area	24.9	
People Block 56 Level 6	Area	31.7	
People Block 56 Level 6	Area	28.2	
People Block 56 Level 6	Area	36.7	
People Block 56 Level 1 (NoHo Square)	Area	36.6	
People Block 56 Level 1 (Promenade)	Area	37.9	
People Block 6 Level 2	Area	31.6	
People Block 7 Level 1	Area	14.8	
People Block 7 Level 2	Area	39.9	
People Block 7 Level 5	Area	32.5	
People Block 8 Level 1	Area	36.8	
People Block 8 Level 7	Area	23.4	
Receiver R6 FI 1.FL Leq,d 32.0 dB(A)			
People Block 0 West	Area	17.7	
People Block 0 Level 1 (Transit Center)	Area	26.2	
People Block 56 Level 2	Area	4.5	
People Block 56 Level 6	Area	18.2	
People Block 56 Level 6	Area	-2.9	
People Block 56 Level 6	Area	20.5	
People Block 56 Level 1 (NoHo Square)	Area	15.5	
People Block 56 Level 1 (Promenade)	Area	14.8	
People Block 6 Level 2	Area	8.4	
People Block 7 Level 1	Area	24.1	
People Block 7 Level 2	Area	12.7	
People Block 7 Level 5	Area	25.1	
People Block 8 Level 1	Area	18.3	
People Block 8 Level 7	Area	22.6	
Receiver R7 FI 1.FL Leq,d 44.7 dB(A)			
People Block 0 West	Area	39.3	
People Block 0 Level 1 (Transit Center)	Area	39.6	
People Block 56 Level 2	Area	21.3	
People Block 56 Level 6	Area	25.8	
People Block 56 Level 6	Area	7.4	
People Block 56 Level 6	Area	27.3	
People Block 56 Level 1 (NoHo Square)	Area	30.5	
People Block 56 Level 1 (Promenade)	Area	36.1	
People Block 6 Level 2	Area	21.6	

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## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
People Block 7 Level 1	Area	33.9	
People Block 7 Level 2	Area	18.2	
People Block 7 Level 5	Area	15.3	
People Block 8 Level 1	Area	32.8	
People Block 8 Level 7	Area	30.3	
Receiver R7 FI 2.FL Leq,d 45.5 dB(A)			
People Block 0 West	Area	40.5	
People Block 0 Level 1 (Transit Center)	Area	40.1	
People Block 56 Level 2	Area	24.0	
People Block 56 Level 6	Area	25.0	
People Block 56 Level 6	Area	12.7	
People Block 56 Level 6	Area	28.6	
People Block 56 Level 1 (NoHo Square)	Area	31.6	
People Block 56 Level 1 (Promenade)	Area	36.7	
People Block 6 Level 2	Area	24.6	
People Block 7 Level 1	Area	33.3	
People Block 7 Level 2	Area	22.7	
People Block 7 Level 5	Area	26.8	
People Block 8 Level 1	Area	33.8	
People Block 8 Level 7	Area	30.6	
Receiver R8 FI 1.FL Leq,d 38.0 dB(A)			
People Block 0 West	Area	32.3	
People Block 0 Level 1 (Transit Center)	Area	29.8	
People Block 56 Level 2	Area	18.1	
People Block 56 Level 6	Area	20.7	
People Block 56 Level 6	Area	2.4	
People Block 56 Level 6	Area	22.2	
People Block 56 Level 1 (NoHo Square)	Area	24.0	
People Block 56 Level 1 (Promenade)	Area	32.1	
People Block 6 Level 2	Area	14.4	
People Block 7 Level 1	Area	11.5	
People Block 7 Level 2	Area	10.0	
People Block 7 Level 5	Area	4.1	
People Block 8 Level 1	Area	24.0	
People Block 8 Level 7	Area	30.5	
Receiver R9 FI 1.FL Leq,d 37.6 dB(A)			
People Block 0 West	Area	20.1	
People Block 0 Level 1 (Transit Center)	Area	22.0	
People Block 56 Level 2	Area	14.3	
People Block 56 Level 6	Area	18.8	

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## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
People Block 56 Level 6	Area	1.7	
People Block 56 Level 6	Area	15.3	
People Block 56 Level 1 (NoHo Square)	Area	26.6	
People Block 56 Level 1 (Promenade)	Area	28.5	
People Block 6 Level 2	Area	10.6	
People Block 7 Level 1	Area	4.6	
People Block 7 Level 2	Area	9.4	
People Block 7 Level 5	Area	0.3	
People Block 8 Level 1	Area	27.6	
People Block 8 Level 7	Area	35.5	
Receiver R10 FI 1.FL Leq,d 38.1 dB(A)			
People Block 0 West	Area	33.6	
People Block 0 Level 1 (Transit Center)	Area	17.9	
People Block 56 Level 2	Area	4.4	
People Block 56 Level 6	Area	10.5	
People Block 56 Level 6	Area	-1.4	
People Block 56 Level 6	Area	13.0	
People Block 56 Level 1 (NoHo Square)	Area	17.7	
People Block 56 Level 1 (Promenade)	Area	18.1	
People Block 6 Level 2	Area	2.9	
People Block 7 Level 1	Area	5.2	
People Block 7 Level 2	Area	12.2	
People Block 7 Level 5	Area	8.9	
People Block 8 Level 1	Area	19.8	
People Block 8 Level 7	Area	35.8	
Receiver R11 FI 1.FL Leq,d 39.0 dB(A)			
People Block 0 West	Area	33.6	
People Block 0 Level 1 (Transit Center)	Area	34.9	
People Block 56 Level 2	Area	5.5	
People Block 56 Level 6	Area	17.3	
People Block 56 Level 6	Area	-0.9	
People Block 56 Level 6	Area	23.2	
People Block 56 Level 1 (NoHo Square)	Area	17.2	
People Block 56 Level 1 (Promenade)	Area	18.7	
People Block 6 Level 2	Area	4.9	
People Block 7 Level 1	Area	9.9	
People Block 7 Level 2	Area	12.0	
People Block 7 Level 5	Area	12.7	
People Block 8 Level 1	Area	23.7	
People Block 8 Level 7	Area	32.8	



## District NoHo

### Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 2.FL Leq,d 42.2 dB(A)			
People Block 0 West	Area	36.3	
People Block 0 Level 1 (Transit Center)	Area	37.0	
People Block 56 Level 2	Area	9.1	
People Block 56 Level 6	Area	17.9	
People Block 56 Level 6	Area	2.0	
People Block 56 Level 6	Area	26.4	
People Block 56 Level 1 (NoHo Square)	Area	19.6	
People Block 56 Level 1 (Promenade)	Area	22.6	
People Block 6 Level 2	Area	6.6	
People Block 7 Level 1	Area	14.0	
People Block 7 Level 2	Area	12.0	
People Block 7 Level 5	Area	14.7	
People Block 8 Level 1	Area	26.8	
People Block 8 Level 7	Area	37.6	
Receiver R12 FI 1.FL Leq,d 40.5 dB(A)			
People Block 0 West	Area	29.7	
People Block 0 Level 1 (Transit Center)	Area	34.4	
People Block 56 Level 2	Area	20.0	
People Block 56 Level 6	Area	25.6	
People Block 56 Level 6	Area	1.2	
People Block 56 Level 6	Area	25.3	
People Block 56 Level 1 (NoHo Square)	Area	28.2	
People Block 56 Level 1 (Promenade)	Area	33.1	
People Block 6 Level 2	Area	11.8	
People Block 7 Level 1	Area	2.2	
People Block 7 Level 2	Area	10.7	
People Block 7 Level 5	Area	1.6	
People Block 8 Level 1	Area	29.0	
People Block 8 Level 7	Area	35.0	
Receiver R13 FI 1.FL Leq,d 36.5 dB(A)			
People Block 0 West	Area	27.4	
People Block 0 Level 1 (Transit Center)	Area	16.3	
People Block 56 Level 2	Area	-2.7	
People Block 56 Level 6	Area	3.8	
People Block 56 Level 6	Area	1.4	
People Block 56 Level 6	Area	3.1	
People Block 56 Level 1 (NoHo Square)	Area	27.6	
People Block 56 Level 1 (Promenade)	Area	34.5	
People Block 6 Level 2	Area	8.8	

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# District NoHo

## Contribution level - Phase 1 People

Source	Source type	Leq,d dB(A)	
People Block 7 Level 1	Area	-6.8	
People Block 7 Level 2	Area	8.8	
People Block 7 Level 5	Area	2.5	
People Block 8 Level 1	Area	24.9	
People Block 8 Level 7	Area	18.9	
Receiver R13 FI 2.FL Leq,d 39.6 dB(A)			
People Block 0 West	Area	30.0	
People Block 0 Level 1 (Transit Center)	Area	18.3	
People Block 56 Level 2	Area	-2.4	
People Block 56 Level 6	Area	8.3	
People Block 56 Level 6	Area	16.2	
People Block 56 Level 6	Area	4.2	
People Block 56 Level 1 (NoHo Square)	Area	31.0	
People Block 56 Level 1 (Promenade)	Area	37.4	
People Block 6 Level 2	Area	11.8	
People Block 7 Level 1	Area	-6.9	
People Block 7 Level 2	Area	10.2	
People Block 7 Level 5	Area	1.6	
People Block 8 Level 1	Area	28.4	
People Block 8 Level 7	Area	27.0	

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# District NoHo

## Source Levels in dB(A) - Phase 1 Speakers

Name	Source type	Lw dB(A)	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 6 Level 2	Point	103.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 2	Point	108.6	
Speakers Block 7 Level 5	Point	108.6	
Speakers Block 7 Level 5	Point	108.6	
Speakers Block 7 Level 5	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 8 Level 7	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 2	Point	108.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	
Speakers Block 56 Level 6	Point	103.6	

## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 49.2 dB(A)			
Speakers Block 56 Level 2	Point	9.4	
Speakers Block 56 Level 2	Point	9.1	
Speakers Block 56 Level 2	Point	9.2	
Speakers Block 56 Level 6	Point	29.5	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 56 Level 6	Point	11.6	
Speakers Block 56 Level 6	Point	29.8	
Speakers Block 56 Level 6	Point	12.0	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	35.0	
Speakers Block 56 Level 6	Point	43.7	
Speakers Block 56 Level 6	Point	43.0	
Speakers Block 6 Level 2	Point	18.9	
Speakers Block 6 Level 2	Point	17.9	
Speakers Block 6 Level 2	Point	19.6	
Speakers Block 7 Level 2	Point	42.2	
Speakers Block 7 Level 2	Point	27.0	
Speakers Block 7 Level 2	Point	21.1	
Speakers Block 7 Level 2	Point	36.4	
Speakers Block 7 Level 2	Point	35.6	
Speakers Block 7 Level 2	Point	36.0	
Speakers Block 7 Level 5	Point	33.2	
Speakers Block 7 Level 5	Point	26.7	
Speakers Block 7 Level 5	Point	24.5	
Speakers Block 8 Level 7	Point	10.2	
Speakers Block 8 Level 7	Point	11.8	
Speakers Block 8 Level 7	Point	14.7	
Speakers Block 8 Level 7	Point	29.3	
Speakers Block 8 Level 7	Point	21.4	
Speakers Block 8 Level 7	Point	13.6	
Speakers Block 8 Level 7	Point	12.6	
Speakers Block 8 Level 7	Point	15.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.4	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Receiver R1 FI 2.FL Leq,d 52.6 dB(A)			
Speakers Block 56 Level 2	Point	8.8	
Speakers Block 56 Level 2	Point	9.7	
Speakers Block 56 Level 2	Point	9.7	
Speakers Block 56 Level 6	Point	30.7	
Speakers Block 56 Level 6	Point	28.9	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	15.4	
Speakers Block 56 Level 6	Point	33.2	
Speakers Block 56 Level 6	Point	14.7	
Speakers Block 56 Level 6	Point	32.6	
Speakers Block 56 Level 6	Point	37.9	
Speakers Block 56 Level 6	Point	48.5	
Speakers Block 56 Level 6	Point	47.8	
Speakers Block 6 Level 2	Point	19.2	
Speakers Block 6 Level 2	Point	17.9	
Speakers Block 6 Level 2	Point	20.1	
Speakers Block 7 Level 2	Point	42.7	
Speakers Block 7 Level 2	Point	28.3	
Speakers Block 7 Level 2	Point	22.3	
Speakers Block 7 Level 2	Point	36.5	
Speakers Block 7 Level 2	Point	36.8	
Speakers Block 7 Level 2	Point	36.3	
Speakers Block 7 Level 5	Point	31.8	
Speakers Block 7 Level 5	Point	29.3	
Speakers Block 7 Level 5	Point	24.6	
Speakers Block 8 Level 7	Point	10.2	
Speakers Block 8 Level 7	Point	12.1	
Speakers Block 8 Level 7	Point	14.4	
Speakers Block 8 Level 7	Point	33.8	
Speakers Block 8 Level 7	Point	28.3	
Speakers Block 8 Level 7	Point	13.8	
Speakers Block 8 Level 7	Point	12.8	
Speakers Block 8 Level 7	Point	15.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.2	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Receiver R2 FI 1.FL Leq,d 49.0 dB(A)			
Speakers Block 56 Level 2	Point	37.6	
Speakers Block 56 Level 2	Point	35.7	
Speakers Block 56 Level 2	Point	12.6	
Speakers Block 56 Level 6	Point	22.4	
Speakers Block 56 Level 6	Point	9.6	
Speakers Block 56 Level 6	Point	9.0	
Speakers Block 56 Level 6	Point	4.4	
Speakers Block 56 Level 6	Point	21.8	
Speakers Block 56 Level 6	Point	8.4	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	28.5	
Speakers Block 56 Level 6	Point	33.1	
Speakers Block 56 Level 6	Point	28.0	
Speakers Block 6 Level 2	Point	26.9	
Speakers Block 6 Level 2	Point	21.1	
Speakers Block 6 Level 2	Point	24.5	
Speakers Block 7 Level 2	Point	42.8	
Speakers Block 7 Level 2	Point	27.7	
Speakers Block 7 Level 2	Point	32.3	
Speakers Block 7 Level 2	Point	31.8	
Speakers Block 7 Level 2	Point	24.8	
Speakers Block 7 Level 2	Point	22.5	
Speakers Block 7 Level 5	Point	30.2	
Speakers Block 7 Level 5	Point	22.1	
Speakers Block 7 Level 5	Point	26.0	
Speakers Block 8 Level 7	Point	16.2	
Speakers Block 8 Level 7	Point	9.6	
Speakers Block 8 Level 7	Point	14.1	
Speakers Block 8 Level 7	Point	35.3	
Speakers Block 8 Level 7	Point	38.3	
Speakers Block 8 Level 7	Point	16.4	
Speakers Block 8 Level 7	Point	10.4	
Speakers Block 8 Level 7	Point	34.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	38.4	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	38.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	39.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	35.9	
Receiver R2 FI 2.FL Leq,d 45.3 dB(A)			
Speakers Block 56 Level 2	Point	27.9	
Speakers Block 56 Level 2	Point	27.9	
Speakers Block 56 Level 2	Point	10.7	
Speakers Block 56 Level 6	Point	26.2	
Speakers Block 56 Level 6	Point	7.8	
Speakers Block 56 Level 6	Point	9.8	
Speakers Block 56 Level 6	Point	3.1	
Speakers Block 56 Level 6	Point	19.6	
Speakers Block 56 Level 6	Point	6.9	
Speakers Block 56 Level 6	Point	21.9	
Speakers Block 56 Level 6	Point	31.1	
Speakers Block 56 Level 6	Point	34.2	
Speakers Block 56 Level 6	Point	30.4	
Speakers Block 6 Level 2	Point	21.5	
Speakers Block 6 Level 2	Point	12.9	
Speakers Block 6 Level 2	Point	20.8	
Speakers Block 7 Level 2	Point	38.0	
Speakers Block 7 Level 2	Point	26.8	
Speakers Block 7 Level 2	Point	29.8	
Speakers Block 7 Level 2	Point	31.1	
Speakers Block 7 Level 2	Point	23.3	
Speakers Block 7 Level 2	Point	22.9	
Speakers Block 7 Level 5	Point	28.8	
Speakers Block 7 Level 5	Point	23.2	
Speakers Block 7 Level 5	Point	21.8	
Speakers Block 8 Level 7	Point	15.5	
Speakers Block 8 Level 7	Point	9.9	
Speakers Block 8 Level 7	Point	17.2	
Speakers Block 8 Level 7	Point	35.9	
Speakers Block 8 Level 7	Point	39.5	
Speakers Block 8 Level 7	Point	19.6	
Speakers Block 8 Level 7	Point	11.0	
Speakers Block 8 Level 7	Point	32.8	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	24.5	
Receiver R3 FI 1.FL Leq,d 58.0 dB(A)			
Speakers Block 56 Level 2	Point	47.1	
Speakers Block 56 Level 2	Point	47.9	
Speakers Block 56 Level 2	Point	46.8	
Speakers Block 56 Level 6	Point	22.5	
Speakers Block 56 Level 6	Point	27.6	
Speakers Block 56 Level 6	Point	10.7	
Speakers Block 56 Level 6	Point	27.4	
Speakers Block 56 Level 6	Point	37.6	
Speakers Block 56 Level 6	Point	39.0	
Speakers Block 56 Level 6	Point	18.4	
Speakers Block 56 Level 6	Point	13.6	
Speakers Block 56 Level 6	Point	23.6	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 6 Level 2	Point	37.7	
Speakers Block 6 Level 2	Point	38.6	
Speakers Block 6 Level 2	Point	35.8	
Speakers Block 7 Level 2	Point	27.6	
Speakers Block 7 Level 2	Point	20.3	
Speakers Block 7 Level 2	Point	27.2	
Speakers Block 7 Level 2	Point	20.8	
Speakers Block 7 Level 2	Point	23.7	
Speakers Block 7 Level 2	Point	13.2	
Speakers Block 7 Level 5	Point	24.1	
Speakers Block 7 Level 5	Point	22.6	
Speakers Block 7 Level 5	Point	16.5	
Speakers Block 8 Level 7	Point	23.7	
Speakers Block 8 Level 7	Point	11.1	
Speakers Block 8 Level 7	Point	32.0	
Speakers Block 8 Level 7	Point	37.5	
Speakers Block 8 Level 7	Point	46.2	
Speakers Block 8 Level 7	Point	27.1	
Speakers Block 8 Level 7	Point	12.1	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	34.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	48.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	50.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	52.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	45.8	
Receiver R3 FI 2.FL Leq,d 57.6 dB(A)			
Speakers Block 56 Level 2	Point	46.6	
Speakers Block 56 Level 2	Point	47.3	
Speakers Block 56 Level 2	Point	48.0	
Speakers Block 56 Level 6	Point	27.2	
Speakers Block 56 Level 6	Point	29.7	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	29.5	
Speakers Block 56 Level 6	Point	39.5	
Speakers Block 56 Level 6	Point	42.4	
Speakers Block 56 Level 6	Point	33.1	
Speakers Block 56 Level 6	Point	14.1	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 6 Level 2	Point	38.5	
Speakers Block 6 Level 2	Point	39.3	
Speakers Block 6 Level 2	Point	37.6	
Speakers Block 7 Level 2	Point	35.5	
Speakers Block 7 Level 2	Point	23.4	
Speakers Block 7 Level 2	Point	31.2	
Speakers Block 7 Level 2	Point	28.3	
Speakers Block 7 Level 2	Point	31.3	
Speakers Block 7 Level 2	Point	14.1	
Speakers Block 7 Level 5	Point	28.6	
Speakers Block 7 Level 5	Point	23.5	
Speakers Block 7 Level 5	Point	19.7	
Speakers Block 8 Level 7	Point	21.3	
Speakers Block 8 Level 7	Point	16.1	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	38.5	
Speakers Block 8 Level 7	Point	47.8	
Speakers Block 8 Level 7	Point	14.5	

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# District NoHo

## Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	11.1	
Speakers Block 8 Level 7	Point	36.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	48.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	49.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	49.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	45.8	
Receiver R4 FI 1.FL Leq,d 34.7 dB(A)			
Speakers Block 56 Level 2	Point	0.6	
Speakers Block 56 Level 2	Point	0.7	
Speakers Block 56 Level 2	Point	0.8	
Speakers Block 56 Level 6	Point	18.3	
Speakers Block 56 Level 6	Point	1.5	
Speakers Block 56 Level 6	Point	0.6	
Speakers Block 56 Level 6	Point	-5.2	
Speakers Block 56 Level 6	Point	15.3	
Speakers Block 56 Level 6	Point	-3.8	
Speakers Block 56 Level 6	Point	10.0	
Speakers Block 56 Level 6	Point	20.2	
Speakers Block 56 Level 6	Point	15.5	
Speakers Block 56 Level 6	Point	19.1	
Speakers Block 6 Level 2	Point	2.0	
Speakers Block 6 Level 2	Point	2.2	
Speakers Block 6 Level 2	Point	1.8	
Speakers Block 7 Level 2	Point	30.2	
Speakers Block 7 Level 2	Point	16.3	
Speakers Block 7 Level 2	Point	17.3	
Speakers Block 7 Level 2	Point	10.9	
Speakers Block 7 Level 2	Point	22.2	
Speakers Block 7 Level 2	Point	21.6	
Speakers Block 7 Level 5	Point	11.5	
Speakers Block 7 Level 5	Point	20.9	
Speakers Block 7 Level 5	Point	11.2	
Speakers Block 8 Level 7	Point	7.8	
Speakers Block 8 Level 7	Point	0.2	
Speakers Block 8 Level 7	Point	4.9	
Speakers Block 8 Level 7	Point	23.6	
Speakers Block 8 Level 7	Point	26.4	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	4.6	
Speakers Block 8 Level 7	Point	0.6	
Speakers Block 8 Level 7	Point	23.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	12.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.5	
Receiver R5 FI 1.FL Leq,d 56.2 dB(A)			
Speakers Block 56 Level 2	Point	35.3	
Speakers Block 56 Level 2	Point	39.6	
Speakers Block 56 Level 2	Point	39.2	
Speakers Block 56 Level 6	Point	30.8	
Speakers Block 56 Level 6	Point	34.2	
Speakers Block 56 Level 6	Point	40.4	
Speakers Block 56 Level 6	Point	38.6	
Speakers Block 56 Level 6	Point	34.2	
Speakers Block 56 Level 6	Point	16.4	
Speakers Block 56 Level 6	Point	27.0	
Speakers Block 56 Level 6	Point	36.1	
Speakers Block 56 Level 6	Point	28.6	
Speakers Block 56 Level 6	Point	27.7	
Speakers Block 6 Level 2	Point	39.6	
Speakers Block 6 Level 2	Point	38.9	
Speakers Block 6 Level 2	Point	40.2	
Speakers Block 7 Level 2	Point	47.1	
Speakers Block 7 Level 2	Point	42.1	
Speakers Block 7 Level 2	Point	48.6	
Speakers Block 7 Level 2	Point	44.5	
Speakers Block 7 Level 2	Point	45.3	
Speakers Block 7 Level 2	Point	48.2	
Speakers Block 7 Level 5	Point	45.9	
Speakers Block 7 Level 5	Point	43.8	
Speakers Block 7 Level 5	Point	35.5	
Speakers Block 8 Level 7	Point	25.7	
Speakers Block 8 Level 7	Point	18.6	
Speakers Block 8 Level 7	Point	20.4	
Speakers Block 8 Level 7	Point	19.4	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	8.5	
Speakers Block 8 Level 7	Point	16.8	
Speakers Block 8 Level 7	Point	17.8	
Speakers Block 8 Level 7	Point	20.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	33.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.1	
Receiver R5 FI 2.FL Leq,d 56.4 dB(A)			
Speakers Block 56 Level 2	Point	32.3	
Speakers Block 56 Level 2	Point	34.7	
Speakers Block 56 Level 2	Point	37.0	
Speakers Block 56 Level 6	Point	36.3	
Speakers Block 56 Level 6	Point	38.5	
Speakers Block 56 Level 6	Point	43.9	
Speakers Block 56 Level 6	Point	42.3	
Speakers Block 56 Level 6	Point	34.6	
Speakers Block 56 Level 6	Point	25.7	
Speakers Block 56 Level 6	Point	41.9	
Speakers Block 56 Level 6	Point	41.2	
Speakers Block 56 Level 6	Point	29.3	
Speakers Block 56 Level 6	Point	28.4	
Speakers Block 6 Level 2	Point	38.6	
Speakers Block 6 Level 2	Point	38.1	
Speakers Block 6 Level 2	Point	39.3	
Speakers Block 7 Level 2	Point	49.2	
Speakers Block 7 Level 2	Point	43.6	
Speakers Block 7 Level 2	Point	47.1	
Speakers Block 7 Level 2	Point	46.6	
Speakers Block 7 Level 2	Point	43.6	
Speakers Block 7 Level 2	Point	46.7	
Speakers Block 7 Level 5	Point	37.8	
Speakers Block 7 Level 5	Point	44.3	
Speakers Block 7 Level 5	Point	37.5	
Speakers Block 8 Level 7	Point	31.3	
Speakers Block 8 Level 7	Point	20.0	
Speakers Block 8 Level 7	Point	27.5	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	19.9	
Speakers Block 8 Level 7	Point	5.8	
Speakers Block 8 Level 7	Point	18.4	
Speakers Block 8 Level 7	Point	20.5	
Speakers Block 8 Level 7	Point	20.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	32.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	20.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	27.2	
Receiver R6 FI 1.FL Leq,d 48.7 dB(A)			
Speakers Block 56 Level 2	Point	5.8	
Speakers Block 56 Level 2	Point	5.0	
Speakers Block 56 Level 2	Point	5.1	
Speakers Block 56 Level 6	Point	14.0	
Speakers Block 56 Level 6	Point	20.3	
Speakers Block 56 Level 6	Point	31.6	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	28.3	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 56 Level 6	Point	19.3	
Speakers Block 56 Level 6	Point	13.8	
Speakers Block 56 Level 6	Point	-1.6	
Speakers Block 56 Level 6	Point	-2.3	
Speakers Block 6 Level 2	Point	12.8	
Speakers Block 6 Level 2	Point	12.7	
Speakers Block 6 Level 2	Point	12.6	
Speakers Block 7 Level 2	Point	12.3	
Speakers Block 7 Level 2	Point	28.7	
Speakers Block 7 Level 2	Point	15.6	
Speakers Block 7 Level 2	Point	16.2	
Speakers Block 7 Level 2	Point	22.2	
Speakers Block 7 Level 2	Point	19.4	
Speakers Block 7 Level 5	Point	42.7	
Speakers Block 7 Level 5	Point	35.9	
Speakers Block 7 Level 5	Point	46.5	
Speakers Block 8 Level 7	Point	22.6	
Speakers Block 8 Level 7	Point	9.5	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	33.4	
Speakers Block 8 Level 7	Point	10.8	
Speakers Block 8 Level 7	Point	5.7	
Speakers Block 8 Level 7	Point	6.5	
Speakers Block 8 Level 7	Point	7.3	
Speakers Block 8 Level 7	Point	12.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	11.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.7	
Receiver R7 FI 1.FL Leq,d 46.3 dB(A)			
Speakers Block 56 Level 2	Point	35.3	
Speakers Block 56 Level 2	Point	34.7	
Speakers Block 56 Level 2	Point	33.0	
Speakers Block 56 Level 6	Point	28.2	
Speakers Block 56 Level 6	Point	24.3	
Speakers Block 56 Level 6	Point	34.8	
Speakers Block 56 Level 6	Point	35.4	
Speakers Block 56 Level 6	Point	30.7	
Speakers Block 56 Level 6	Point	24.8	
Speakers Block 56 Level 6	Point	33.0	
Speakers Block 56 Level 6	Point	25.3	
Speakers Block 56 Level 6	Point	14.0	
Speakers Block 56 Level 6	Point	16.4	
Speakers Block 6 Level 2	Point	21.4	
Speakers Block 6 Level 2	Point	20.3	
Speakers Block 6 Level 2	Point	26.5	
Speakers Block 7 Level 2	Point	17.0	
Speakers Block 7 Level 2	Point	29.1	
Speakers Block 7 Level 2	Point	27.6	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 2	Point	28.7	
Speakers Block 7 Level 2	Point	28.9	
Speakers Block 7 Level 5	Point	31.6	
Speakers Block 7 Level 5	Point	27.8	
Speakers Block 7 Level 5	Point	29.4	
Speakers Block 8 Level 7	Point	29.9	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	15.1	
Speakers Block 8 Level 7	Point	38.8	
Speakers Block 8 Level 7	Point	17.5	
Speakers Block 8 Level 7	Point	15.2	
Speakers Block 8 Level 7	Point	10.4	
Speakers Block 8 Level 7	Point	12.3	
Speakers Block 8 Level 7	Point	32.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	13.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	36.9	
Receiver R7 FI 2.FL Leq,d 51.3 dB(A)			
Speakers Block 56 Level 2	Point	34.3	
Speakers Block 56 Level 2	Point	36.0	
Speakers Block 56 Level 2	Point	35.1	
Speakers Block 56 Level 6	Point	29.1	
Speakers Block 56 Level 6	Point	25.7	
Speakers Block 56 Level 6	Point	38.8	
Speakers Block 56 Level 6	Point	39.4	
Speakers Block 56 Level 6	Point	33.9	
Speakers Block 56 Level 6	Point	28.2	
Speakers Block 56 Level 6	Point	36.7	
Speakers Block 56 Level 6	Point	32.8	
Speakers Block 56 Level 6	Point	20.8	
Speakers Block 56 Level 6	Point	23.1	
Speakers Block 6 Level 2	Point	22.3	
Speakers Block 6 Level 2	Point	21.4	
Speakers Block 6 Level 2	Point	27.5	
Speakers Block 7 Level 2	Point	18.8	
Speakers Block 7 Level 2	Point	33.5	
Speakers Block 7 Level 2	Point	31.6	
Speakers Block 7 Level 2	Point	32.2	
Speakers Block 7 Level 2	Point	31.1	
Speakers Block 7 Level 2	Point	33.2	
Speakers Block 7 Level 5	Point	44.7	
Speakers Block 7 Level 5	Point	40.9	
Speakers Block 7 Level 5	Point	42.5	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	31.8	
Speakers Block 8 Level 7	Point	18.0	
Speakers Block 8 Level 7	Point	40.9	
Speakers Block 8 Level 7	Point	25.6	
Speakers Block 8 Level 7	Point	14.7	
Speakers Block 8 Level 7	Point	13.0	
Speakers Block 8 Level 7	Point	15.8	
Speakers Block 8 Level 7	Point	35.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	17.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	9.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	40.6	
Receiver R8 FI 1.FL Leq,d 40.9 dB(A)			
Speakers Block 56 Level 2	Point	28.0	
Speakers Block 56 Level 2	Point	28.6	
Speakers Block 56 Level 2	Point	28.9	
Speakers Block 56 Level 6	Point	19.0	
Speakers Block 56 Level 6	Point	20.6	
Speakers Block 56 Level 6	Point	27.9	
Speakers Block 56 Level 6	Point	31.9	
Speakers Block 56 Level 6	Point	18.2	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	29.7	
Speakers Block 56 Level 6	Point	25.0	
Speakers Block 56 Level 6	Point	13.7	
Speakers Block 56 Level 6	Point	9.7	
Speakers Block 6 Level 2	Point	6.9	
Speakers Block 6 Level 2	Point	5.0	
Speakers Block 6 Level 2	Point	10.4	
Speakers Block 7 Level 2	Point	9.0	
Speakers Block 7 Level 2	Point	22.6	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 2	Point	16.1	
Speakers Block 7 Level 2	Point	18.0	
Speakers Block 7 Level 5	Point	17.8	
Speakers Block 7 Level 5	Point	16.6	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 5	Point	20.6	
Speakers Block 8 Level 7	Point	28.3	
Speakers Block 8 Level 7	Point	11.6	
Speakers Block 8 Level 7	Point	32.7	
Speakers Block 8 Level 7	Point	30.8	
Speakers Block 8 Level 7	Point	14.7	
Speakers Block 8 Level 7	Point	4.7	
Speakers Block 8 Level 7	Point	4.8	
Speakers Block 8 Level 7	Point	31.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	1.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	5.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	24.0	
Receiver R9 FI 1.FL Leq,d 47.1 dB(A)			
Speakers Block 56 Level 2	Point	31.8	
Speakers Block 56 Level 2	Point	30.5	
Speakers Block 56 Level 2	Point	30.3	
Speakers Block 56 Level 6	Point	23.9	
Speakers Block 56 Level 6	Point	11.7	
Speakers Block 56 Level 6	Point	14.3	
Speakers Block 56 Level 6	Point	14.8	
Speakers Block 56 Level 6	Point	21.7	
Speakers Block 56 Level 6	Point	26.2	
Speakers Block 56 Level 6	Point	13.1	
Speakers Block 56 Level 6	Point	9.2	
Speakers Block 56 Level 6	Point	13.1	
Speakers Block 56 Level 6	Point	16.6	
Speakers Block 6 Level 2	Point	5.6	
Speakers Block 6 Level 2	Point	18.7	
Speakers Block 6 Level 2	Point	5.4	
Speakers Block 7 Level 2	Point	18.2	
Speakers Block 7 Level 2	Point	7.6	
Speakers Block 7 Level 2	Point	20.7	
Speakers Block 7 Level 2	Point	18.2	
Speakers Block 7 Level 2	Point	19.5	
Speakers Block 7 Level 2	Point	18.5	
Speakers Block 7 Level 5	Point	15.0	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 5	Point	2.6	
Speakers Block 7 Level 5	Point	6.3	
Speakers Block 8 Level 7	Point	35.7	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	38.5	
Speakers Block 8 Level 7	Point	38.2	
Speakers Block 8 Level 7	Point	26.4	
Speakers Block 8 Level 7	Point	41.5	
Speakers Block 8 Level 7	Point	37.5	
Speakers Block 8 Level 7	Point	36.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	27.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	22.3	
Receiver R10 FI 1.FL Leq,d 45.4 dB(A)			
Speakers Block 56 Level 2	Point	19.6	
Speakers Block 56 Level 2	Point	19.2	
Speakers Block 56 Level 2	Point	20.3	
Speakers Block 56 Level 6	Point	20.0	
Speakers Block 56 Level 6	Point	7.3	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	13.4	
Speakers Block 56 Level 6	Point	7.6	
Speakers Block 56 Level 6	Point	18.7	
Speakers Block 56 Level 6	Point	7.1	
Speakers Block 56 Level 6	Point	11.3	
Speakers Block 56 Level 6	Point	9.9	
Speakers Block 56 Level 6	Point	10.6	
Speakers Block 6 Level 2	Point	1.0	
Speakers Block 6 Level 2	Point	0.8	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 7 Level 2	Point	16.7	
Speakers Block 7 Level 2	Point	25.5	
Speakers Block 7 Level 2	Point	22.9	
Speakers Block 7 Level 2	Point	20.8	
Speakers Block 7 Level 2	Point	20.0	
Speakers Block 7 Level 2	Point	21.8	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 5	Point	27.2	
Speakers Block 7 Level 5	Point	8.7	
Speakers Block 7 Level 5	Point	18.1	
Speakers Block 8 Level 7	Point	29.8	
Speakers Block 8 Level 7	Point	39.3	
Speakers Block 8 Level 7	Point	38.9	
Speakers Block 8 Level 7	Point	36.4	
Speakers Block 8 Level 7	Point	19.6	
Speakers Block 8 Level 7	Point	34.7	
Speakers Block 8 Level 7	Point	37.0	
Speakers Block 8 Level 7	Point	34.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	8.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	9.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	10.2	
Receiver R11 FI 1.FL Leq,d 42.5 dB(A)			
Speakers Block 56 Level 2	Point	23.3	
Speakers Block 56 Level 2	Point	19.4	
Speakers Block 56 Level 2	Point	17.9	
Speakers Block 56 Level 6	Point	31.0	
Speakers Block 56 Level 6	Point	14.7	
Speakers Block 56 Level 6	Point	24.3	
Speakers Block 56 Level 6	Point	23.6	
Speakers Block 56 Level 6	Point	18.1	
Speakers Block 56 Level 6	Point	22.7	
Speakers Block 56 Level 6	Point	19.8	
Speakers Block 56 Level 6	Point	18.4	
Speakers Block 56 Level 6	Point	6.8	
Speakers Block 56 Level 6	Point	12.0	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 6 Level 2	Point	0.7	
Speakers Block 6 Level 2	Point	2.8	
Speakers Block 7 Level 2	Point	15.5	
Speakers Block 7 Level 2	Point	17.0	
Speakers Block 7 Level 2	Point	25.4	
Speakers Block 7 Level 2	Point	25.7	
Speakers Block 7 Level 2	Point	25.7	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	25.1	
Speakers Block 7 Level 5	Point	31.5	
Speakers Block 7 Level 5	Point	26.3	
Speakers Block 7 Level 5	Point	25.6	
Speakers Block 8 Level 7	Point	32.2	
Speakers Block 8 Level 7	Point	34.8	
Speakers Block 8 Level 7	Point	34.1	
Speakers Block 8 Level 7	Point	32.5	
Speakers Block 8 Level 7	Point	21.0	
Speakers Block 8 Level 7	Point	28.0	
Speakers Block 8 Level 7	Point	30.9	
Speakers Block 8 Level 7	Point	26.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	14.2	
Receiver R11 FI 2.FL Leq,d 46.3 dB(A)			
Speakers Block 56 Level 2	Point	24.9	
Speakers Block 56 Level 2	Point	22.0	
Speakers Block 56 Level 2	Point	21.1	
Speakers Block 56 Level 6	Point	33.6	
Speakers Block 56 Level 6	Point	19.6	
Speakers Block 56 Level 6	Point	31.0	
Speakers Block 56 Level 6	Point	29.3	
Speakers Block 56 Level 6	Point	21.3	
Speakers Block 56 Level 6	Point	28.8	
Speakers Block 56 Level 6	Point	26.8	
Speakers Block 56 Level 6	Point	25.6	
Speakers Block 56 Level 6	Point	7.2	
Speakers Block 56 Level 6	Point	17.4	
Speakers Block 6 Level 2	Point	2.0	
Speakers Block 6 Level 2	Point	1.3	
Speakers Block 6 Level 2	Point	3.7	
Speakers Block 7 Level 2	Point	15.7	
Speakers Block 7 Level 2	Point	17.2	
Speakers Block 7 Level 2	Point	25.0	
Speakers Block 7 Level 2	Point	25.2	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	25.3	
Speakers Block 7 Level 2	Point	24.6	
Speakers Block 7 Level 5	Point	33.7	
Speakers Block 7 Level 5	Point	29.6	
Speakers Block 7 Level 5	Point	28.4	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	40.4	
Speakers Block 8 Level 7	Point	34.6	
Speakers Block 8 Level 7	Point	32.1	
Speakers Block 8 Level 7	Point	20.8	
Speakers Block 8 Level 7	Point	35.5	
Speakers Block 8 Level 7	Point	37.9	
Speakers Block 8 Level 7	Point	32.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	4.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.3	
Receiver R12 FI 1.FL Leq,d 48.7 dB(A)			
Speakers Block 56 Level 2	Point	29.5	
Speakers Block 56 Level 2	Point	41.1	
Speakers Block 56 Level 2	Point	41.3	
Speakers Block 56 Level 6	Point	34.7	
Speakers Block 56 Level 6	Point	21.4	
Speakers Block 56 Level 6	Point	14.0	
Speakers Block 56 Level 6	Point	24.5	
Speakers Block 56 Level 6	Point	27.6	
Speakers Block 56 Level 6	Point	40.6	
Speakers Block 56 Level 6	Point	23.6	
Speakers Block 56 Level 6	Point	22.0	
Speakers Block 56 Level 6	Point	16.3	
Speakers Block 56 Level 6	Point	16.0	
Speakers Block 6 Level 2	Point	21.7	
Speakers Block 6 Level 2	Point	21.8	
Speakers Block 6 Level 2	Point	0.2	
Speakers Block 7 Level 2	Point	16.8	
Speakers Block 7 Level 2	Point	2.8	
Speakers Block 7 Level 2	Point	15.8	

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## District NoHo Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 2	Point	17.4	
Speakers Block 7 Level 2	Point	27.0	
Speakers Block 7 Level 5	Point	18.0	
Speakers Block 7 Level 5	Point	2.8	
Speakers Block 7 Level 5	Point	7.8	
Speakers Block 8 Level 7	Point	37.9	
Speakers Block 8 Level 7	Point	33.7	
Speakers Block 8 Level 7	Point	33.5	
Speakers Block 8 Level 7	Point	33.9	
Speakers Block 8 Level 7	Point	39.1	
Speakers Block 8 Level 7	Point	34.5	
Speakers Block 8 Level 7	Point	34.3	
Speakers Block 8 Level 7	Point	32.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	24.4	
Speakers Block 56 Level 1 (NoHo Square)	Point	25.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	23.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	26.1	
Receiver R13 FI 1.FL Leq,d 40.7 dB(A)			
Speakers Block 56 Level 2	Point	6.0	
Speakers Block 56 Level 2	Point	6.3	
Speakers Block 56 Level 2	Point	6.4	
Speakers Block 56 Level 6	Point	1.6	
Speakers Block 56 Level 6	Point	-0.9	
Speakers Block 56 Level 6	Point	-3.5	
Speakers Block 56 Level 6	Point	-3.3	
Speakers Block 56 Level 6	Point	12.8	
Speakers Block 56 Level 6	Point	1.7	
Speakers Block 56 Level 6	Point	13.7	
Speakers Block 56 Level 6	Point	13.2	
Speakers Block 56 Level 6	Point	9.5	
Speakers Block 56 Level 6	Point	3.6	
Speakers Block 6 Level 2	Point	0.5	
Speakers Block 6 Level 2	Point	0.7	
Speakers Block 6 Level 2	Point	-1.2	
Speakers Block 7 Level 2	Point	28.8	
Speakers Block 7 Level 2	Point	-2.1	

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## District NoHo

### Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	21.5	
Speakers Block 7 Level 2	Point	5.6	
Speakers Block 7 Level 2	Point	20.5	
Speakers Block 7 Level 2	Point	-1.4	
Speakers Block 7 Level 5	Point	7.5	
Speakers Block 7 Level 5	Point	19.5	
Speakers Block 7 Level 5	Point	0.4	
Speakers Block 8 Level 7	Point	13.0	
Speakers Block 8 Level 7	Point	0.0	
Speakers Block 8 Level 7	Point	22.2	
Speakers Block 8 Level 7	Point	25.6	
Speakers Block 8 Level 7	Point	29.9	
Speakers Block 8 Level 7	Point	20.5	
Speakers Block 8 Level 7	Point	0.2	
Speakers Block 8 Level 7	Point	17.0	
Speakers Block 56 Level 1 (NoHo Square)	Point	28.3	
Speakers Block 56 Level 1 (NoHo Square)	Point	35.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	36.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	19.0	
Receiver R13 FI 2.FL Leq,d 44.9 dB(A)			
Speakers Block 56 Level 2	Point	6.7	
Speakers Block 56 Level 2	Point	6.7	
Speakers Block 56 Level 2	Point	6.8	
Speakers Block 56 Level 6	Point	4.9	
Speakers Block 56 Level 6	Point	0.4	
Speakers Block 56 Level 6	Point	-1.4	
Speakers Block 56 Level 6	Point	-1.7	
Speakers Block 56 Level 6	Point	13.0	
Speakers Block 56 Level 6	Point	2.5	
Speakers Block 56 Level 6	Point	13.7	
Speakers Block 56 Level 6	Point	15.0	
Speakers Block 56 Level 6	Point	28.4	
Speakers Block 56 Level 6	Point	22.2	
Speakers Block 6 Level 2	Point	4.6	
Speakers Block 6 Level 2	Point	4.6	
Speakers Block 6 Level 2	Point	-1.0	
Speakers Block 7 Level 2	Point	29.5	

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# District NoHo

## Contribution level - Phase 1 Speakers

Source	Source type	Leq,d dB(A)	
Speakers Block 7 Level 2	Point	-1.1	
Speakers Block 7 Level 2	Point	22.3	
Speakers Block 7 Level 2	Point	5.8	
Speakers Block 7 Level 2	Point	21.0	
Speakers Block 7 Level 2	Point	-1.2	
Speakers Block 7 Level 5	Point	6.8	
Speakers Block 7 Level 5	Point	16.1	
Speakers Block 7 Level 5	Point	3.5	
Speakers Block 8 Level 7	Point	20.9	
Speakers Block 8 Level 7	Point	10.4	
Speakers Block 8 Level 7	Point	25.1	
Speakers Block 8 Level 7	Point	31.0	
Speakers Block 8 Level 7	Point	39.0	
Speakers Block 8 Level 7	Point	23.7	
Speakers Block 8 Level 7	Point	13.1	
Speakers Block 8 Level 7	Point	28.7	
Speakers Block 56 Level 1 (NoHo Square)	Point	32.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	38.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	39.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	18.5	

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# District NoHo

## Source Levels in dB(A) - Phase 1 Transit Center

Name	Source type	Lw dB(A)	
Bus Depot - Bus Idling 1	Point	92.6	
Bus Depot - Bus Idling 2	Point	92.6	
Bus Depot - Bus Idling 3	Point	92.6	
Bus Depot - Bus Idling 4	Point	92.6	
Bus Depot - Bus Idling 5	Point	92.6	
Bus Depot - Bus Idling 6	Point	92.6	

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# District NoHo Emission calculation road - Phase 1 Transit Center

Road	ADT	Day Veh/h	Evening Veh/h	Night Veh/h	
	Veh/24h				
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	
Bus Depot	489	28.80	21.00	8.90	

# District NoHo

## Contribution level - Phase 1 Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 38.4 dB(A)			
Bus Depot	Road	33.1	
Bus Depot - Bus Idling 1	Point	30.5	
Bus Depot - Bus Idling 3	Point	31.6	
Bus Depot - Bus Idling 4	Point	28.5	
Bus Depot - Bus Idling 5	Point	24.4	
Bus Depot - Bus Idling 6	Point	18.9	
Bus Depot - Bus Idling 2	Point	31.0	
Receiver R1 FI 2.FL Leq,d 40.3 dB(A)			
Bus Depot	Road	36.7	
Bus Depot - Bus Idling 1	Point	31.2	
Bus Depot - Bus Idling 3	Point	32.3	
Bus Depot - Bus Idling 4	Point	29.1	
Bus Depot - Bus Idling 5	Point	26.4	
Bus Depot - Bus Idling 6	Point	22.8	
Bus Depot - Bus Idling 2	Point	31.7	
Receiver R2 FI 1.FL Leq,d 22.2 dB(A)			
Bus Depot	Road	19.5	
Bus Depot - Bus Idling 1	Point	11.0	
Bus Depot - Bus Idling 3	Point	11.7	
Bus Depot - Bus Idling 4	Point	10.3	
Bus Depot - Bus Idling 5	Point	10.9	
Bus Depot - Bus Idling 6	Point	11.4	
Bus Depot - Bus Idling 2	Point	11.3	
Receiver R2 FI 2.FL Leq,d 23.0 dB(A)			
Bus Depot	Road	21.5	
Bus Depot - Bus Idling 1	Point	9.7	
Bus Depot - Bus Idling 3	Point	10.3	
Bus Depot - Bus Idling 4	Point	8.9	
Bus Depot - Bus Idling 5	Point	9.4	
Bus Depot - Bus Idling 6	Point	10.0	
Bus Depot - Bus Idling 2	Point	10.0	
Receiver R3 FI 1.FL Leq,d 44.0 dB(A)			
Bus Depot	Road	42.5	
Bus Depot - Bus Idling 1	Point	31.6	
Bus Depot - Bus Idling 3	Point	32.8	
Bus Depot - Bus Idling 4	Point	28.5	
Bus Depot - Bus Idling 5	Point	29.1	
Bus Depot - Bus Idling 6	Point	29.7	
Bus Depot - Bus Idling 2	Point	32.2	

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# District NoHo

## Contribution level - Phase 1 Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R3 FI 2.FL Leq,d 47.8 dB(A)			
Bus Depot	Road	47.3	
Bus Depot - Bus Idling 1	Point	29.9	
Bus Depot - Bus Idling 3	Point	31.2	
Bus Depot - Bus Idling 4	Point	30.6	
Bus Depot - Bus Idling 5	Point	31.3	
Bus Depot - Bus Idling 6	Point	32.0	
Bus Depot - Bus Idling 2	Point	30.5	
Receiver R4 FI 1.FL Leq,d 22.9 dB(A)			
Bus Depot	Road	14.1	
Bus Depot - Bus Idling 1	Point	17.6	
Bus Depot - Bus Idling 3	Point	17.1	
Bus Depot - Bus Idling 4	Point	2.6	
Bus Depot - Bus Idling 5	Point	2.8	
Bus Depot - Bus Idling 6	Point	3.0	
Bus Depot - Bus Idling 2	Point	17.4	
Receiver R5 FI 1.FL Leq,d 49.0 dB(A)			
Bus Depot	Road	44.4	
Bus Depot - Bus Idling 1	Point	40.4	
Bus Depot - Bus Idling 3	Point	42.8	
Bus Depot - Bus Idling 4	Point	24.2	
Bus Depot - Bus Idling 5	Point	37.5	
Bus Depot - Bus Idling 6	Point	31.0	
Bus Depot - Bus Idling 2	Point	41.6	
Receiver R5 FI 2.FL Leq,d 53.1 dB(A)			
Bus Depot	Road	50.1	
Bus Depot - Bus Idling 1	Point	43.7	
Bus Depot - Bus Idling 3	Point	45.2	
Bus Depot - Bus Idling 4	Point	33.9	
Bus Depot - Bus Idling 5	Point	40.2	
Bus Depot - Bus Idling 6	Point	37.7	
Bus Depot - Bus Idling 2	Point	44.5	
Receiver R6 FI 1.FL Leq,d 36.7 dB(A)			
Bus Depot	Road	35.3	
Bus Depot - Bus Idling 1	Point	15.5	
Bus Depot - Bus Idling 3	Point	14.4	
Bus Depot - Bus Idling 4	Point	27.8	
Bus Depot - Bus Idling 5	Point	17.9	
Bus Depot - Bus Idling 6	Point	27.2	
Bus Depot - Bus Idling 2	Point	14.9	

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# District NoHo

## Contribution level - Phase 1 Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R7 FI 1.FL Leq,d 59.7 dB(A)			
Bus Depot	Road	59.3	
Bus Depot - Bus Idling 1	Point	42.0	
Bus Depot - Bus Idling 3	Point	38.4	
Bus Depot - Bus Idling 4	Point	42.0	
Bus Depot - Bus Idling 5	Point	40.1	
Bus Depot - Bus Idling 6	Point	38.5	
Bus Depot - Bus Idling 2	Point	40.3	
Receiver R7 FI 2.FL Leq,d 60.1 dB(A)			
Bus Depot	Road	59.4	
Bus Depot - Bus Idling 1	Point	46.1	
Bus Depot - Bus Idling 3	Point	41.7	
Bus Depot - Bus Idling 4	Point	45.8	
Bus Depot - Bus Idling 5	Point	43.9	
Bus Depot - Bus Idling 6	Point	41.8	
Bus Depot - Bus Idling 2	Point	44.5	
Receiver R8 FI 1.FL Leq,d 41.9 dB(A)			
Bus Depot	Road	39.4	
Bus Depot - Bus Idling 1	Point	15.6	
Bus Depot - Bus Idling 3	Point	16.2	
Bus Depot - Bus Idling 4	Point	34.3	
Bus Depot - Bus Idling 5	Point	33.3	
Bus Depot - Bus Idling 6	Point	32.5	
Bus Depot - Bus Idling 2	Point	15.6	
Receiver R9 FI 1.FL Leq,d 29.1 dB(A)			
Bus Depot	Road	17.9	
Bus Depot - Bus Idling 1	Point	11.1	
Bus Depot - Bus Idling 3	Point	11.6	
Bus Depot - Bus Idling 4	Point	26.4	
Bus Depot - Bus Idling 5	Point	23.7	
Bus Depot - Bus Idling 6	Point	16.5	
Bus Depot - Bus Idling 2	Point	11.3	
Receiver R10 FI 1.FL Leq,d 39.6 dB(A)			
Bus Depot	Road	37.8	
Bus Depot - Bus Idling 1	Point	28.3	
Bus Depot - Bus Idling 3	Point	23.9	
Bus Depot - Bus Idling 4	Point	26.7	
Bus Depot - Bus Idling 5	Point	24.0	
Bus Depot - Bus Idling 6	Point	28.9	
Bus Depot - Bus Idling 2	Point	28.2	

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# District NoHo

## Contribution level - Phase 1 Transit Center

9

Source	Source type	Leq,d dB(A)	
Receiver R11 FI 1.FL Leq,d 43.8 dB(A)			
Bus Depot	Road	39.3	
Bus Depot - Bus Idling 1	Point	27.3	
Bus Depot - Bus Idling 3	Point	32.6	
Bus Depot - Bus Idling 4	Point	38.7	
Bus Depot - Bus Idling 5	Point	36.6	
Bus Depot - Bus Idling 6	Point	27.1	
Bus Depot - Bus Idling 2	Point	28.8	
Receiver R11 FI 2.FL Leq,d 48.6 dB(A)			
Bus Depot	Road	46.7	
Bus Depot - Bus Idling 1	Point	33.0	
Bus Depot - Bus Idling 3	Point	33.6	
Bus Depot - Bus Idling 4	Point	40.1	
Bus Depot - Bus Idling 5	Point	38.2	
Bus Depot - Bus Idling 6	Point	35.0	
Bus Depot - Bus Idling 2	Point	33.1	
Receiver R12 FI 1.FL Leq,d 33.0 dB(A)			
Bus Depot	Road	32.7	
Bus Depot - Bus Idling 1	Point	10.9	
Bus Depot - Bus Idling 3	Point	12.2	
Bus Depot - Bus Idling 4	Point	19.6	
Bus Depot - Bus Idling 5	Point	11.6	
Bus Depot - Bus Idling 6	Point	13.4	
Bus Depot - Bus Idling 2	Point	10.9	
Receiver R13 FI 1.FL Leq,d 37.0 dB(A)			
Bus Depot	Road	35.6	
Bus Depot - Bus Idling 1	Point	5.3	
Bus Depot - Bus Idling 3	Point	5.7	
Bus Depot - Bus Idling 4	Point	26.2	
Bus Depot - Bus Idling 5	Point	26.6	
Bus Depot - Bus Idling 6	Point	26.9	
Bus Depot - Bus Idling 2	Point	5.5	
Receiver R13 FI 2.FL Leq,d 36.6 dB(A)			
Bus Depot	Road	34.9	
Bus Depot - Bus Idling 1	Point	5.8	
Bus Depot - Bus Idling 3	Point	6.2	
Bus Depot - Bus Idling 4	Point	26.4	
Bus Depot - Bus Idling 5	Point	26.8	
Bus Depot - Bus Idling 6	Point	27.1	
Bus Depot - Bus Idling 2	Point	6.0	

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# District NoHo

## Contribution level - Mechanical - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 36.0 dB(A)			
Mechanical Block 0	Point	11.3	
Mechanical Block 0	Point	11.4	
Mechanical Block 0	Point	11.1	
Mechanical Block 0	Point	11.3	
Mechanical Block 0	Point	11.5	
Mechanical Block 0	Point	21.9	
Mechanical Block 0	Point	21.7	
Mechanical Block 1	Point	15.2	
Mechanical Block 1	Point	16.5	
Mechanical Block 1	Point	13.8	
Mechanical Block 1	Point	13.3	
Mechanical Block 1	Point	17.2	
Mechanical Block 1	Point	18.0	
Mechanical Block 1	Point	14.9	
Mechanical Block 1	Point	14.4	
Mechanical Block 1	Point	19.1	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	18.2	
Mechanical Block 1	Point	15.3	
Mechanical Block 1	Point	19.5	
Mechanical Block 1	Point	19.6	
Mechanical Block 1	Point	18.3	
Mechanical Block 1	Point	18.2	
Mechanical Block 2	Point	-1.6	
Mechanical Block 2	Point	-1.1	
Mechanical Block 2	Point	-1.7	
Mechanical Block 2	Point	-1.1	
Mechanical Block 2	Point	-0.9	
Mechanical Block 2	Point	-0.8	
Mechanical Block 2	Point	-1.0	
Mechanical Block 2	Point	-0.9	
Mechanical Block 2	Point	13.6	
Mechanical Block 2	Point	14.3	
Mechanical Block 2	Point	13.3	
Mechanical Block 2	Point	13.9	
Mechanical Block 2	Point	-0.9	
Mechanical Block 2	Point	-1.0	
Mechanical Block 2	Point	-1.0	
Mechanical Block 2	Point	-1.1	
Mechanical Block 2	Point	-1.5	

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**District NoHo**  
**Contribution level - Mechanical - R14**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 2	Point	-1.6	
Mechanical Block 2	Point	-1.6	
Mechanical Block 2	Point	-1.6	
Mechanical Block 3	Point	-2.4	
Mechanical Block 3	Point	-2.3	
Mechanical Block 3	Point	-2.0	
Mechanical Block 3	Point	-2.1	
Mechanical Block 3	Point	0.2	
Mechanical Block 3	Point	0.1	
Mechanical Block 3	Point	16.2	
Mechanical Block 3	Point	16.1	
Mechanical Block 3	Point	-1.6	
Mechanical Block 3	Point	-1.5	
Mechanical Block 3	Point	-0.7	
Mechanical Block 3	Point	-0.6	
Mechanical Block 3	Point	14.1	
Mechanical Block 3	Point	14.1	
Mechanical Block 3	Point	14.4	
Mechanical Block 3	Point	14.4	
Mechanical Block 3	Point	-3.7	
Mechanical Block 3	Point	-3.7	
Mechanical Block 3	Point	-3.7	
Mechanical Block 3	Point	-3.6	
Mechanical Block 3	Point	-3.5	
Mechanical Block 3	Point	-3.6	
Mechanical Block 4 Roof	Point	-3.1	
Mechanical Block 4 Roof	Point	-3.1	
Mechanical Block 4 Roof	Point	-2.2	
Mechanical Block 4 Roof	Point	-1.9	
Mechanical Block 4 Roof	Point	-2.6	
Mechanical Block 4 Roof	Point	-2.9	
Mechanical Block 4 Roof	Point	-3.0	
Mechanical Block 4 Roof	Point	-3.6	
Mechanical Block 4 Roof	Point	0.1	
Mechanical Block 4 Roof	Point	-3.4	
Mechanical Block 4 Roof	Point	-3.3	
Mechanical Block 4 Roof	Point	-2.4	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	17.0	

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**District NoHo**  
**Contribution level - Mechanical - R14**

**9**

Source	Source type	Leq,d dB(A)	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	15.8	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	18.9	
Mechanical Block 7	Point	24.3	
Mechanical Block 7	Point	20.2	
Mechanical Block 7	Point	19.9	
Mechanical Block 7	Point	19.6	
Mechanical Block 7	Point	19.7	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	25.6	
Mechanical Block 7	Point	21.2	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	11.3	
Mechanical Block 8	Point	13.6	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	11.2	
Mechanical Block 8	Point	13.5	

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# District NoHo

## Contribution level - Parking - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 48.0 dB(A)			
Parking Block 1 Level 3	PLot	2.0	
Parking Block 1 Level 2	PLot	-3.4	
Parking Block 2 Level 1	PLot	-5.0	
Parking Block 2 Level 2	PLot	6.7	
Parking Block 2 Level 3	PLot	8.6	
Parking Block 4 Level 1	PLot	0.3	
Parking Block 4 Level 2	PLot	-6.0	
Parking Block 7 Level 1	PLot	8.8	
Parking Block 8 Level 1	PLot	-3.2	
Parking Block 8 Level 2	PLot	12.7	
Parking Block 8 Level 3	PLot	4.0	
Parking Block 8 - Level 4	PLot	0.8	
Parking Bock 8 Level 5	PLot	8.3	
Parking Bock 8 Level 5	PLot	14.5	
Parkiing East Lot Level 2	PLot	12.8	
Parkiing East Lot Level 1	PLot	15.7	
Parking West Lot Level 1	PLot	40.6	
Parking West Lot Level 1	PLot	25.9	
Parking West Lot Level 1	PLot	16.8	
Parking West Lot Level 5	PLot	34.5	
Parking West Lot Level 2	PLot	45.8	
Parking West Lot Level 3	PLot	37.7	
Parking West Lot Level 4	PLot	35.8	

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# District NoHo

## Contribution level - Loading & Trash Compactors - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 24.7 dB(A)			
Loading Block 1	Point	19.3	
Loading Block 1	Point	20.8	
Loading Block 2	Point	-8.1	
Loading Block 2	Point	-7.9	
Trash Compactor Block 2	Point	-32.4	
Trash Compactor Block 3	Point	-33.9	
Trash Compactor Block 3	Point	-34.0	
Trash Compactor Block 4	Point	1.5	
Trash Compactor Block 4	Point	-8.0	
Loading Block 4	Point	17.9	
Loading Block 5	Point	10.7	
Loading Block 5	Point	10.7	
Trash Compactor Block 7	Point	-18.2	
Loading Block 8	Point	0.5	

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# District NoHo

## Contribution level - Loading Block 6 Retail - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 32.6 dB(A)			
Loading Retail at Block 6	Point	15.9	
Loading Retail at Block 6	Point	32.6	

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# District NoHo

## Contribution level - People - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 34.8 dB(A)			
People Block 0 West	Area	26.7	
People Block 0 Level 1 (Transit Center)	Area	30.6	
People Block 1 Level 1	Area	17.6	
People Block 1 Level 4	Area	20.4	
People Block 1 Roof	Area	20.7	
People Block 2 Level 4	Area	17.8	
People Block 3 Level 2	Area	2.8	
People Block 3 Level 5	Area	2.5	
People Block 3 Level 6	Area	9.9	
People Block 4 Level 3 Pool	Area	3.6	
People Block 4 Level 3 Courtyard	Area	2.4	
People Block 4 Level 6	Area	-7.9	
People Block 4 Level 6	Area	12.3	
People Block 56 Level 2	Area	15.5	
People Block 56 Level 6	Area	18.6	
People Block 56 Level 6	Area	4.7	
People Block 56 Level 6	Area	20.7	
People Block 56 Level 1 (NoHo Square)	Area	25.4	
People Block 56 Level 1 (Promenade)	Area	23.0	
People Block 6 Level 2	Area	16.2	
People Block 7 Level 1	Area	17.4	
People Block 7 Level 2	Area	10.7	
People Block 7 Level 5	Area	18.3	
People Block 8 Level 1	Area	8.2	
People Block 8 Level 7	Area	15.8	

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# District NoHo

## Contribution level - Speakers - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 44.7 dB(A)			
Speakers Block 1 Level 4	Point	-3.4	
Speakers Block 1 Level 4	Point	-5.2	
Speakers Block 1 Level 4	Point	-5.3	
Speakers Block 1 Level 4	Point	-5.3	
Speakers Block 1 Level 4	Point	-5.1	
Speakers Block 1 Level 4	Point	15.8	
Speakers Block 1 Level 4	Point	16.3	
Speakers Block 1 Level 4	Point	16.9	
Speakers Block 1 Level 4	Point	17.1	
Speakers Block 1 Level Roof	Point	27.7	
Speakers Block 1 Level Roof	Point	33.9	
Speakers Block 1 Level Roof	Point	34.2	
Speakers Block 1 Level Roof	Point	31.1	
Speakers Block 1 Level Roof	Point	30.0	
Speakers Block 2 Level 4	Point	-0.7	
Speakers Block 2 Level 4	Point	-7.3	
Speakers Block 2 Level 4	Point	7.1	
Speakers Block 2 Level 4	Point	-1.5	
Speakers Block 2 Level 4	Point	-5.5	
Speakers Block 2 Level 4	Point	-1.6	
Speakers Block 2 Level 4	Point	-7.0	
Speakers Block 2 Level 4	Point	-3.1	
Speakers Block 2 Level 4	Point	-1.1	
Speakers Block 2 Level 4	Point	11.3	
Speakers Block 2 Level 4	Point	14.7	
Speakers Block 2 Level 4	Point	14.6	
Speakers Block 2 Level 4	Point	28.1	
Speakers Block 2 Level 4	Point	-5.3	
Speakers Block 3 Level 2	Point	-4.2	
Speakers Block 3 Level 2	Point	11.1	
Speakers Block 3 Level 2	Point	-3.8	
Speakers Block 3 Level 2	Point	-1.8	
Speakers Block 3 Level 2	Point	3.5	
Speakers Block 3 Level 2	Point	10.8	
Speakers Block 3 Level 2	Point	5.9	
Speakers Block 3 Level 2	Point	12.1	
Speakers Block 3 Level 5	Point	5.2	
Speakers Block 3 Level 5	Point	7.9	
Speakers Block 3 Level Roof	Point	26.8	
Speakers Block 4 Level 3	Point	-7.4	

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**District NoHo**  
**Contribution level - Speakers - R14**

**9**

Source	Source type	Leq,d dB(A)	
Speakers Block 4 Level 3	Point	-4.9	
Speakers Block 4 Level 3	Point	7.5	
Speakers Block 4 Level 3	Point	-4.4	
Speakers Block 4 Level 3	Point	9.1	
Speakers Block 4 Level 3	Point	-8.6	
Speakers Block 4 Level 3	Point	-5.3	
Speakers Block 4 Level 3	Point	7.0	
Speakers Block 4 Level 6	Point	-8.7	
Speakers Block 4 Level 6	Point	6.7	
Speakers Block 4 Level 6	Point	18.9	
Speakers Block 4 Level 6	Point	27.2	
Speakers Block 56 Level 2	Point	23.4	
Speakers Block 56 Level 2	Point	23.3	
Speakers Block 56 Level 2	Point	24.8	
Speakers Block 56 Level 6	Point	18.1	
Speakers Block 56 Level 6	Point	17.6	
Speakers Block 56 Level 6	Point	29.4	
Speakers Block 56 Level 6	Point	30.2	
Speakers Block 56 Level 6	Point	23.3	
Speakers Block 56 Level 6	Point	19.2	
Speakers Block 56 Level 6	Point	27.5	
Speakers Block 56 Level 6	Point	15.3	
Speakers Block 56 Level 6	Point	10.6	
Speakers Block 56 Level 6	Point	11.6	
Speakers Block 6 Level 2	Point	20.2	
Speakers Block 6 Level 2	Point	15.8	
Speakers Block 6 Level 2	Point	27.8	
Speakers Block 7 Level 2	Point	3.7	
Speakers Block 7 Level 2	Point	21.8	
Speakers Block 7 Level 2	Point	11.1	
Speakers Block 7 Level 2	Point	11.1	
Speakers Block 7 Level 2	Point	7.4	
Speakers Block 7 Level 2	Point	6.6	
Speakers Block 7 Level 5	Point	32.7	
Speakers Block 7 Level 5	Point	30.7	
Speakers Block 7 Level 5	Point	37.2	
Speakers Block 8 Level 7	Point	17.4	
Speakers Block 8 Level 7	Point	3.2	
Speakers Block 8 Level 7	Point	22.8	
Speakers Block 8 Level 7	Point	15.6	
Speakers Block 8 Level 7	Point	10.6	

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**District NoHo**  
**Contribution level - Speakers - R14**

**9**


Source	Source type	Leq,d dB(A)	
Speakers Block 8 Level 7	Point	1.0	
Speakers Block 8 Level 7	Point	1.1	
Speakers Block 8 Level 7	Point	15.9	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.6	
Speakers Block 56 Level 1 (NoHo Square)	Point	0.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	37.2	

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## 9



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**District NoHo**  
**Contribution level - Transit Center - R14**

**9**

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 36.2 dB(A)			
Bus Depot	Road	31.3	
Bus Depot - Bus Idling 1	Point	30.3	
Bus Depot - Bus Idling 3	Point	29.0	
Bus Depot - Bus Idling 4	Point	11.9	
Bus Depot - Bus Idling 5	Point	11.9	
Bus Depot - Bus Idling 6	Point	11.9	
Bus Depot - Bus Idling 2	Point	29.6	

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**District NoHo**  
**Contribution level - Phase 1 Mechanical - R14**

**9**

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 34.4 dB(A)			
Mechanical Block 0	Point	11.3	
Mechanical Block 0	Point	11.4	
Mechanical Block 0	Point	11.1	
Mechanical Block 0	Point	11.3	
Mechanical Block 0	Point	11.5	
Mechanical Block 0	Point	21.9	
Mechanical Block 0	Point	21.7	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	16.4	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	17.0	
Mechanical Block 56	Point	15.8	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	19.0	
Mechanical Block 6	Point	18.9	
Mechanical Block 7	Point	24.3	
Mechanical Block 7	Point	20.2	
Mechanical Block 7	Point	19.9	
Mechanical Block 7	Point	19.6	
Mechanical Block 7	Point	19.7	
Mechanical Block 7	Point	23.3	
Mechanical Block 7	Point	25.6	
Mechanical Block 7	Point	21.2	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	11.3	
Mechanical Block 8	Point	13.6	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.8	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	17.7	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	9.6	
Mechanical Block 8	Point	11.2	
Mechanical Block 8	Point	13.5	

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# District NoHo

## Contribution level - Phase 1 Parking - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 48.0 dB(A)			
Parking Block 7 Level 1	PLot	8.8	
Parking Block 8 Level 1	PLot	-3.2	
Parking Block 8 Level 2	PLot	12.7	
Parking Block 8 Level 3	PLot	4.0	
Parking Block 8 - Level 4	PLot	0.8	
Parking Bock 8 Level 5	PLot	8.3	
Parking Bock 8 Level 5	PLot	14.5	
Parkiing East Lot Level 2	PLot	13.3	
Parkiing East Lot Level 1	PLot	15.9	
Parking West Lot Level 1	PLot	40.6	
Parking West Lot Level 1	PLot	25.9	
Parking West Lot Level 1	PLot	16.8	
Parking West Lot Level 5	PLot	34.5	
Parking West Lot Level 2	PLot	45.8	
Parking West Lot Level 3	PLot	37.7	
Parking West Lot Level 4	PLot	35.8	

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District NoHo  
Contribution level - Phase 1 Loading & Trash Compactors - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 10.9 dB(A)			
Loading Block 5	Point	7.5	
Loading Block 5	Point	7.5	
Trash Compactor Block 7	Point	-18.2	
Loading Block 8	Point	0.5	

# District NoHo

## Contribution level - Phase 1 Loading Block 6 Retail - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 32.6 dB(A)			
Loading Retail at Block 6	Point	15.9	
Loading Retail at Block 6	Point	32.6	

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# District NoHo

## Contribution level - Phase 1 People - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 34.0 dB(A)			
People Block 0 West	Area	26.7	
People Block 0 Level 1 (Transit Center)	Area	30.2	
People Block 56 Level 2	Area	15.5	
People Block 56 Level 6	Area	18.6	
People Block 56 Level 6	Area	4.7	
People Block 56 Level 6	Area	20.7	
People Block 56 Level 1 (NoHo Square)	Area	25.4	
People Block 56 Level 1 (Promenade)	Area	23.0	
People Block 6 Level 2	Area	16.2	
People Block 7 Level 1	Area	17.4	
People Block 7 Level 2	Area	10.7	
People Block 7 Level 5	Area	18.3	
People Block 8 Level 1	Area	8.2	
People Block 8 Level 7	Area	15.8	

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# District NoHo

## Contribution level - Phase 1 Speakers - R14

9

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 42.9 dB(A)			
Speakers Block 6 Level 2	Point	27.8	
Speakers Block 6 Level 2	Point	15.8	
Speakers Block 6 Level 2	Point	20.2	
Speakers Block 7 Level 2	Point	3.7	
Speakers Block 7 Level 2	Point	21.8	
Speakers Block 7 Level 2	Point	6.6	
Speakers Block 7 Level 2	Point	7.4	
Speakers Block 7 Level 2	Point	11.1	
Speakers Block 7 Level 2	Point	11.1	
Speakers Block 7 Level 5	Point	32.7	
Speakers Block 7 Level 5	Point	30.7	
Speakers Block 7 Level 5	Point	37.2	
Speakers Block 8 Level 7	Point	17.4	
Speakers Block 8 Level 7	Point	3.2	
Speakers Block 8 Level 7	Point	0.6	
Speakers Block 8 Level 7	Point	15.6	
Speakers Block 8 Level 7	Point	10.6	
Speakers Block 8 Level 7	Point	22.8	
Speakers Block 8 Level 7	Point	15.9	
Speakers Block 8 Level 7	Point	1.1	
Speakers Block 56 Level 1 (NoHo Square)	Point	15.8	
Speakers Block 56 Level 1 (NoHo Square)	Point	37.2	
Speakers Block 56 Level 1 (NoHo Square)	Point	0.5	
Speakers Block 56 Level 1 (NoHo Square)	Point	29.6	
Speakers Block 56 Level 2	Point	24.8	
Speakers Block 56 Level 2	Point	23.3	
Speakers Block 56 Level 2	Point	23.4	
Speakers Block 56 Level 6	Point	29.4	
Speakers Block 56 Level 6	Point	30.2	
Speakers Block 56 Level 6	Point	23.3	
Speakers Block 56 Level 6	Point	19.2	
Speakers Block 56 Level 6	Point	11.6	
Speakers Block 56 Level 6	Point	27.5	
Speakers Block 56 Level 6	Point	15.3	
Speakers Block 56 Level 6	Point	10.6	
Speakers Block 56 Level 6	Point	18.1	
Speakers Block 56 Level 6	Point	17.6	

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**District NoHo**  
**Contribution level - Phase 1 Transit Center - R14**

**9**

Source	Source type	Leq,d dB(A)	
Receiver R14 FI 1.FL Leq,d 36.2 dB(A)			
Bus Depot	Road	31.3	
Bus Depot - Bus Idling 1	Point	30.3	
Bus Depot - Bus Idling 3	Point	29.0	
Bus Depot - Bus Idling 4	Point	11.9	
Bus Depot - Bus Idling 5	Point	11.9	
Bus Depot - Bus Idling 6	Point	11.9	
Bus Depot - Bus Idling 2	Point	29.6	

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Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**EXISTING CONDITIONS**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	433	5,413	8%	0	0	63.3
- Between Cumpston and Chandler Blvd.	50	10	35	35	691	8,638	8%	0	0	65.3
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,008	12,600	8%	0	0	67.0
- Between Magnolia St. and Camarillo St.	50	10	35	35	1,784	22,300	8%	0	0	69.4
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	2,005	25,063	8%	0	0	68.7
- Between Cumpston and Chandler Blvd.	70	10	45	35	1,749	21,863	8%	0	0	68.2
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	1,578	19,725	8%	0	0	67.7
- Between Magnolia St. and Camarillo St.	70	10	45	35	1,719	21,488	8%	0	0	68.1
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,146	26,825	8%	0	0	69.6
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,078	25,975	8%	0	0	69.5
- Between Magnolia St. and Camarillo St.	60	10	40	35	1,890	23,625	8%	0	0	69.1
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	376	4,700	8%	0	0	63.4
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,157	14,463	8%	0	0	67.0
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	163	2,038	8%	0	0	59.0
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	170	2,125	8%	0	0	59.2
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	86	1,075	8%	0	0	57.0
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	124	1,550	8%	0	0	59.4
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	287	3,588	8%	0	0	63.0
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	677	8,463	8%	0	0	66.7

## EXISTING CONDITIONS

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	439	5,488	8%	0	0	64.8
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,496	31,200	8%	0	0	69.7
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,581	19,763	8%	0	0	67.7
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,262	15,775	8%	0	0	67.3
-Between Tujunga and Lankershim	40	10	30	35	1,052	13,150	8%	0	0	67.8
-Between Lankershim and Vineland	40	10	30	35	1,018	12,725	8%	0	0	67.7
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	180	2,250	8%	0	0	61.0
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	218	2,725	8%	0	0	61.8
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	407	5,088	8%	0	0	64.5
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	2,592	32,400	8%	0	0	69.9
Between Tujunga and Lankershim	70	10	45	35	2,248	28,100	8%	0	0	69.2
Between Lankershim andd Vineland	70	10	45	35	1,870	23,375	8%	0	0	68.4

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**EXISTING + PROJECT CONDITIONS (PHASE 1)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	620	7,750	8%	0	0	64.8
- Between Cumpston and Chandler Blvd.	50	10	35	35	872	10,900	8%	0	0	66.3
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,232	15,400	8%	0	0	67.8
- Between Magnolia St. and Camarillo St.	50	10	35	35	1,961	24,513	8%	0	0	69.8
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	1,956	24,450	8%	0	0	68.6
- Between Cumpston and Chandler Blvd.	70	10	45	35	1,833	22,913	8%	0	0	68.4
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	2,020	25,250	8%	0	0	68.8
- Between Magnolia St. and Camarillo St.	70	10	45	35	1,851	23,138	8%	0	0	68.4
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,198	27,475	8%	0	0	69.7
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,151	26,888	8%	0	0	69.7
- Between Magnolia St. and Camarillo St.	60	10	40	35	1,965	24,563	8%	0	0	69.3
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	410	5,125	8%	0	0	63.8
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,265	15,813	8%	0	0	67.3
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	163	2,038	8%	0	0	59.0
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	181	2,263	8%	0	0	59.5
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	86	1,075	8%	0	0	57.0
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	124	1,550	8%	0	0	59.4
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	318	3,975	8%	0	0	63.4
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	571	7,138	8%	0	0	66.0

## EXISTING + PROJECT CONDITIONS (PHASE 1)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	402	5,025	8%	0	0	64.5
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,563	32,038	8%	0	0	69.8
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,582	19,775	8%	0	0	67.7
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,312	16,400	8%	0	0	67.5
-Between Tujunga and Lankershim	40	10	30	35	924	11,550	8%	0	0	67.3
-Between Lankershim and Vineland	40	10	30	35	1,218	15,225	8%	0	0	68.5
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	496	6,200	8%	0	0	65.4
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	485	6,063	8%	0	0	65.3
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	407	5,088	8%	0	0	64.5
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	2,806	35,075	8%	0	0	70.2
Between Tujunga and Lankershim	70	10	45	35	2,351	29,388	8%	0	0	69.4
Between Lankershim and Vineland	70	10	45	35	1,916	23,950	8%	0	0	68.5

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**EXISTING + PROJECT CONDITIONS (PHASE 2)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
<b>Tunjunga Avenue</b>										
- Between Burbank and Cumpston St.	50	10	35	35	620	7,750	8%	0	0	64.8
- Between Cumpston and Chandler Blvd.	50	10	35	35	914	11,425	8%	0	0	66.5
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,342	16,775	8%	0	0	68.2
- Between Magnolia St. and Camarillo St.	50	10	35	35	2,028	25,350	8%	0	0	70.0
<b>Lankershim Blvd.</b>										
- Between Burbank and Cumpston St.	70	10	45	35	2,012	25,150	8%	0	0	68.8
- Between Cumpston and Chandler Blvd.	70	10	45	35	1,925	24,063	8%	0	0	68.6
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	2,197	27,463	8%	0	0	69.1
- Between Magnolia St. and Camarillo St.	70	10	45	35	1,935	24,188	8%	0	0	68.6
<b>Vineland Avenue</b>										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,219	27,738	8%	0	0	69.8
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,202	27,525	8%	0	0	69.8
- Between Magnolia St. and Camarillo St.	60	10	40	35	2,017	25,213	8%	0	0	69.4
<b>Fair Avenue</b>										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	430	5,375	8%	0	0	64.0
<b>Colfax Avenue</b>										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,268	15,850	8%	0	0	67.4
<b>Elmer Avenue</b>										
- Between Burbank Blvd. and Cumpston	50	10	35	35	164	2,050	8%	0	0	59.1
<b>Klump Avenue</b>										
- Between Burbank Blvd. and Cumpston	50	10	35	35	185	2,313	8%	0	0	59.6
<b>Bonner Avenue</b>										
- Between Burbank Blvd. and Cumpston	40	10	30	35	86	1,075	8%	0	0	57.0
<b>Cumpston Avenue</b>										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	124	1,550	8%	0	0	59.4
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	338	4,225	8%	0	0	63.7
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	738	9,225	8%	0	0	67.1

## EXISTING + PROJECT CONDITIONS (PHASE 2)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	459	5,738	8%	0	0	65.0
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,598	32,475	8%	0	0	69.9
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,585	19,813	8%	0	0	67.7
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,323	16,538	8%	0	0	67.5
-Between Tujunga and Lankershim	40	10	30	35	979	12,238	8%	0	0	67.5
-Between Lankershim and Vineland	40	10	30	35	1,387	17,338	8%	0	0	69.0
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	507	6,338	8%	0	0	65.5
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	496	6,200	8%	0	0	65.4
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	407	5,088	8%	0	0	64.5
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	2,932	36,650	8%	0	0	70.4
Between Tujunga and Lankershim	70	10	45	35	2,419	30,238	8%	0	0	69.6
Between Lankershim and Vineland	70	10	45	35	1,926	24,075	8%	0	0	68.6

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.



Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**FUTURE NO PROJECT (Phase 1)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	519	6,488	8%	0	0	64.1
- Between Cumpston and Chandler Blvd.	50	10	35	35	757	9,463	8%	0	0	65.7
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,076	13,450	8%	0	0	67.2
- Between Magnolia St. and Camarillo St.	50	10	35	35	1,927	24,088	8%	0	0	69.8
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	2,189	27,363	8%	0	0	69.1
- Between Cumpston and Chandler Blvd.	70	10	45	35	2,042	25,525	8%	0	0	68.8
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	1,799	22,488	8%	0	0	68.3
- Between Magnolia St. and Camarillo St.	70	10	45	35	1,891	23,638	8%	0	0	68.5
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,329	29,113	8%	0	0	70.0
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,308	28,850	8%	0	0	70.0
- Between Magnolia St. and Camarillo St.	60	10	40	35	2,077	25,963	8%	0	0	69.5
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	418	5,225	8%	0	0	63.8
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,253	15,663	8%	0	0	67.3
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	175	2,188	8%	0	0	59.4
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	182	2,275	8%	0	0	59.5
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	91	1,138	8%	0	0	57.2
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	177	2,213	8%	0	0	60.9
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	348	4,350	8%	0	0	63.8
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	749	9,363	8%	0	0	67.2

## FUTURE NO PROJECT (Phase 1)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	494	6,175	8%	0	0	65.4
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,798	34,975	8%	0	0	70.2
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,804	22,550	8%	0	0	68.3
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,360	17,000	8%	0	0	67.7
-Between Tujunga and Lankershim	40	10	30	35	1,068	13,350	8%	0	0	67.9
-Between Lankershim and Vineland	40	10	30	35	1,169	14,613	8%	0	0	68.3
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	193	2,413	8%	0	0	61.3
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	234	2,925	8%	0	0	62.1
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	436	5,450	8%	0	0	64.8
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	3,199	39,988	8%	0	0	70.8
Between Tujunga and Lankershim	70	10	45	35	2,727	34,088	8%	0	0	70.1
Between Lankershim and Vineland	70	10	45	35	2,196	27,450	8%	0	0	69.1

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**FUTURE NO PROJECT (Phase 2)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	543	6,788	8%	0	0	64.3
- Between Cumpston and Chandler Blvd.	50	10	35	35	792	9,900	8%	0	0	65.9
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,129	14,113	8%	0	0	67.5
- Between Magnolia St. and Camarillo St.	50	10	35	35	2,027	25,338	8%	0	0	70.0
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	2,301	28,763	8%	0	0	69.3
- Between Cumpston and Chandler Blvd.	70	10	45	35	2,144	26,800	8%	0	0	69.0
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	1,889	23,613	8%	0	0	68.5
- Between Magnolia St. and Camarillo St.	70	10	45	35	1,989	24,863	8%	0	0	68.7
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,449	30,613	8%	0	0	70.2
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,425	30,313	8%	0	0	70.2
- Between Magnolia St. and Camarillo St.	60	10	40	35	2,184	27,300	8%	0	0	69.7
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	438	5,475	8%	0	0	64.0
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,318	16,475	8%	0	0	67.5
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	184	2,300	8%	0	0	59.6
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	192	2,400	8%	0	0	59.8
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	97	1,213	8%	0	0	57.5
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	186	2,325	8%	0	0	61.1
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	364	4,550	8%	0	0	64.0
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	788	9,850	8%	0	0	67.4

## FUTURE NO PROJECT (Phase 2)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	519	6,488	8%	0	0	65.6
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,938	36,725	8%	0	0	70.4
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,894	23,675	8%	0	0	68.5
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,430	17,875	8%	0	0	67.9
-Between Tujunga and Lankershim	40	10	30	35	1,125	14,063	8%	0	0	68.1
-Between Lankershim and Vineland	40	10	30	35	1,226	15,325	8%	0	0	68.5
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	203	2,538	8%	0	0	61.5
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	246	3,075	8%	0	0	62.3
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	459	5,738	8%	0	0	65.0
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	3,348	41,850	8%	0	0	71.0
Between Tujunga and Lankershim	70	10	45	35	2,854	35,675	8%	0	0	70.3
Between Lankershim and Vineland	70	10	45	35	2,300	28,750	8%	0	0	69.3

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**FUTURE + PROJECT (PHASE 1)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	719	8,988	8%	0	0	65.5
- Between Cumpston and Chandler Blvd.	50	10	35	35	972	12,150	8%	0	0	66.8
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,301	16,263	8%	0	0	68.1
- Between Magnolia St. and Camarillo St.	50	10	35	35	2,104	26,300	8%	0	0	70.2
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	2,127	26,588	8%	0	0	69.0
- Between Cumpston and Chandler Blvd.	70	10	45	35	2,126	26,575	8%	0	0	69.0
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	2,253	28,163	8%	0	0	69.3
- Between Magnolia St. and Camarillo St.	70	10	45	35	2,023	25,288	8%	0	0	68.8
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,382	29,775	8%	0	0	70.1
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,382	29,775	8%	0	0	70.1
- Between Magnolia St. and Camarillo St.	60	10	40	35	2,151	26,888	8%	0	0	69.7
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	455	5,688	8%	0	0	64.2
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,364	17,050	8%	0	0	67.7
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	175	2,188	8%	0	0	59.4
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	193	2,413	8%	0	0	59.8
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	91	1,138	8%	0	0	57.2
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	177	2,213	8%	0	0	60.9
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	382	4,775	8%	0	0	64.2
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	631	7,888	8%	0	0	66.4

## FUTURE + PROJECT (PHASE 1)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	452	5,650	8%	0	0	65.0
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	2,866	35,825	8%	0	0	70.3
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,804	22,550	8%	0	0	68.3
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,410	17,625	8%	0	0	67.8
-Between Tujunga and Lankershim	40	10	30	35	967	12,088	8%	0	0	67.5
-Between Lankershim and Vineland	40	10	30	35	1,398	17,475	8%	0	0	69.1
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	514	6,425	8%	0	0	65.5
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	503	6,288	8%	0	0	65.4
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	436	5,450	8%	0	0	64.8
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	3,412	42,650	8%	0	0	71.1
Between Tujunga and Lankershim	70	10	45	35	2,831	35,388	8%	0	0	70.2
Between Lankershim and Vineland	70	10	45	35	2,242	28,025	8%	0	0	69.2

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Off-Site Traffic Noise Calculations

**Project: District NoHo**

<b>Traffic Distribution as % of ADT</b>				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to  
ADT factor  
8%

**FUTURE + PROJECT (PHASE 2)**

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Tunjunga Avenue										
- Between Burbank and Cumpston St.	50	10	35	35	754	9,425	8%	0	0	65.7
- Between Cumpston and Chandler Blvd.	50	10	35	35	1,058	13,225	8%	0	0	67.2
- Between Chandler Blvd. and Magnolia St.	50	10	35	35	1,466	18,325	8%	0	0	68.6
- Between Magnolia St. and Camarillo St.	50	10	35	35	2,271	28,388	8%	0	0	70.5
Lankershim Blvd.										
- Between Burbank and Cumpston St.	70	10	45	35	2,284	28,550	8%	0	0	69.3
- Between Cumpston and Chandler Blvd.	70	10	45	35	2,317	28,963	8%	0	0	69.4
- Between Chandler Blvd. and Magnolia St.	70	10	45	35	2,528	31,600	8%	0	0	69.8
- Between Magnolia St. and Camarillo St.	70	10	45	35	2,205	27,563	8%	0	0	69.2
Vineland Avenue										
- Between Burbank and Chandler Blvd..	60	10	40	35	2,523	31,538	8%	0	0	70.3
- Between Chandler Blvd. and Magnolia St.	60	10	40	35	2,550	31,875	8%	0	0	70.4
- Between Magnolia St. and Camarillo St.	60	10	40	35	2,311	28,888	8%	0	0	70.0
Fair Avenue										
- Between Cumpston St. and Chandler Blvd.	40	10	30	35	495	6,188	8%	0	0	64.6
Colfax Avenue										
- Between Burbank Blvd. and Chandler Blvd.	60	10	40	35	1,436	17,950	8%	0	0	67.9
Elmer Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	185	2,313	8%	0	0	59.6
Klump Avenue										
- Between Burbank Blvd. and Cumpston	50	10	35	35	207	2,588	8%	0	0	60.1
Bonner Avenue										
- Between Burbank Blvd. and Cumpston	40	10	30	35	97	1,213	8%	0	0	57.5
Cumpston Avenue										
- Between Camellia Ave. and Tujunga Ave.	30	10	25	35	186	2,325	8%	0	0	61.1
- Between Tujunga Ave. and Lankershim Blvd.	30	10	25	35	418	5,225	8%	0	0	64.6
- Between Lankershim Blvd. and Fair Avenue	30	10	25	35	826	10,325	8%	0	0	67.6

## FUTURE + PROJECT (PHASE 2)

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume		PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
- Between Fair Avenue and Case Avenue	30	10	25	35	530	6,625	8%	0	0	65.7
Burbank Boulevard										
- Between Colfax Ave. and Lankershim Blvd.	70	10	45	35	3,040	38,000	8%	0	0	70.6
- Between Lankershim Blvd. and Vineland Ave.	70	10	45	35	1,897	23,713	8%	0	0	68.5
Chandler Boulevard										
-Between Colfax and Tujunga	60	10	40	35	1,491	18,638	8%	0	0	68.1
-Between Tujunga and Lankershim	40	10	30	35	1,074	13,425	8%	0	0	67.9
-Between Lankershim and Vineland	40	10	30	35	1,623	20,288	8%	0	0	69.7
Weddington Street										
-Between Tujunga and Bakman Ave.	30	10	25	35	538	6,725	8%	0	0	65.7
-Between Bakman Ave. and Lankershim Blvd.	30	10	25	35	529	6,613	8%	0	0	65.7
-Between Lankershim Blvd. and Blakeslee Ave.	30	10	25	35	459	5,738	8%	0	0	65.0
Magnolia Boulevard										
Between 170 and Tujunga	70	10	45	35	3,688	46,100	8%	0	0	71.4
Between Tujunga and Lankershim	70	10	45	35	3,025	37,813	8%	0	0	70.5
Between Lankershim and Vineland	70	10	45	35	2,357	29,463	8%	0	0	69.4

\* Estimated based on Google Earth map.

\*\* Calculated using FHWA's TNM Version 2.5 Computer Noise Model.



# **Alternatives Noise Calculations**

**Project: District NoHo**

**Construction Phase: Block 1**

***Grading & Exc.***

**Alternative Analysis - 50% Reduction**

**Equipment**

<b>Description</b>	<b>No. of Equip.</b>	<b>Reference Noise Level at 50ft, Lmax</b>	<b>Acoustical Usage Factor</b>	<b>Distance to Receptor, ft</b>	<b>Estimated Noise Shielding, dBA</b>
Air Compressor	1	78	40%	285	0
Bore/Drill Rig	1	79	20%	285	0
Cement and Mortar Mixers	1	79	40%	310	0
Concrete/Industrial Saws	1	90	20%	310	0
Excavators	1	81	40%	335	0
Forklifts		75	20%		
Generator Sets		81	50%		
Water Truck	1	76	40%	360	0
Pumps		81	50%		
Rough Terrain Forklifts	1	75	20%	385	0
Rubber Tired Dozers		82	40%		
Signal Boards	1	83	50%	385	0
Skid Steer Loaders		79	40%		
Surfacing Equipment	1	85	50%	385	0
Tractors/Loaders/Backhoes		79	40%		
Trenchers	1	80	50%	385	0
Welders	2	74	40%	385	0

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**Receptor: R1**

**Results:**

**1-hour Leq: 71.6**

Source for Ref. Noise Levels: FHWA RCNM, 2006

**INPUT: ROADWAYS**
**District NoHo**

Eyestone Environmental Sean Bui											
<b>INPUT: ROADWAYS</b>											
<b>PROJECT/CONTRACT:</b>											
<b>RUN:</b>											
<b>Roadway</b>		<b>Points</b>									
<b>Name</b>	<b>Width</b>	<b>Name</b>	<b>No.</b>	<b>Coordinates (pavement)</b>			<b>Flow Control</b>			<b>Segment</b>	
				<b>X</b>	<b>Y</b>	<b>Z</b>	<b>Control</b>	<b>Speed</b>	<b>Percent</b>	<b>Pvmt</b>	<b>On</b>
							<b>Device</b>	<b>Constraint</b>	<b>Vehicles</b>	<b>Type</b>	<b>Struct?</b>
									<b>Affected</b>		
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		point2	2	1,000.0	0.0	0.00					

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**District NoHo**

Eyestone Environmental				1 September 2021								
Sean Bui				TNM 2.5								
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	District NoHo											
RUN:	Block 1 Mat/Large Pour - Alts 50%											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	120	35	0	0	50	35	0	0	0	0
	point2	2										

**INPUT: RECEIVERS**
**District NoHo**

Eyestone Environmental						1 September 2021					
Sean Bui						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	District NoHo										
RUN:	Block 1 Mat/Large Pour - Alts 50%										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cumpston St.	11	1	250.0	40.0	0.00	4.92	0.00	66	10.0	8.0	Y

**RESULTS: SOUND LEVELS**
**District NoHo**

Eyestone Environmental Sean Bui												
<b>RESULTS: SOUND LEVELS</b>												
<b>PROJECT/CONTRACT:</b>												
<b>RUN:</b>												
<b>BARRIER DESIGN:</b>												
<b>ATMOSPHERICS:</b>												
<b>Receiver</b>												
<b>Name</b>	<b>No.</b>	<b>#DUs</b>	<b>Existing</b>	<b>No Barrier</b>					<b>With Barrier</b>			
			<b>LAeq1h</b>	<b>LAeq1h</b>		<b>Increase over existing</b>		<b>Type</b>	<b>Calculated</b>	<b>Noise Reduction</b>		
				<b>Calculated</b>	<b>Crit'n</b>	<b>Calculated</b>	<b>Crit'n</b>	<b>Impact</b>	<b>LAeq1h</b>	<b>Calculated</b>	<b>Goal</b>	<b>Calculated</b>
							<b>Sub'l Inc</b>					<b>minus</b>
												<b>Goal</b>
			<b>dBA</b>	<b>dBA</b>	<b>dBA</b>	<b>dB</b>	<b>dB</b>		<b>dBA</b>	<b>dB</b>	<b>dB</b>	<b>dB</b>
Cumpston St.	11	1	0.0	69.3	66	69.3	10	Snd Lvl	69.3	0.0	8	-8.0
<b>Dwelling Units</b>		<b># DUs</b>	<b>Noise Reduction</b>									
			<b>Min</b>	<b>Avg</b>	<b>Max</b>							
			<b>dB</b>	<b>dB</b>	<b>dB</b>							
All Selected		1	0.0	0.0	0.0							
All Impacted		1	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							