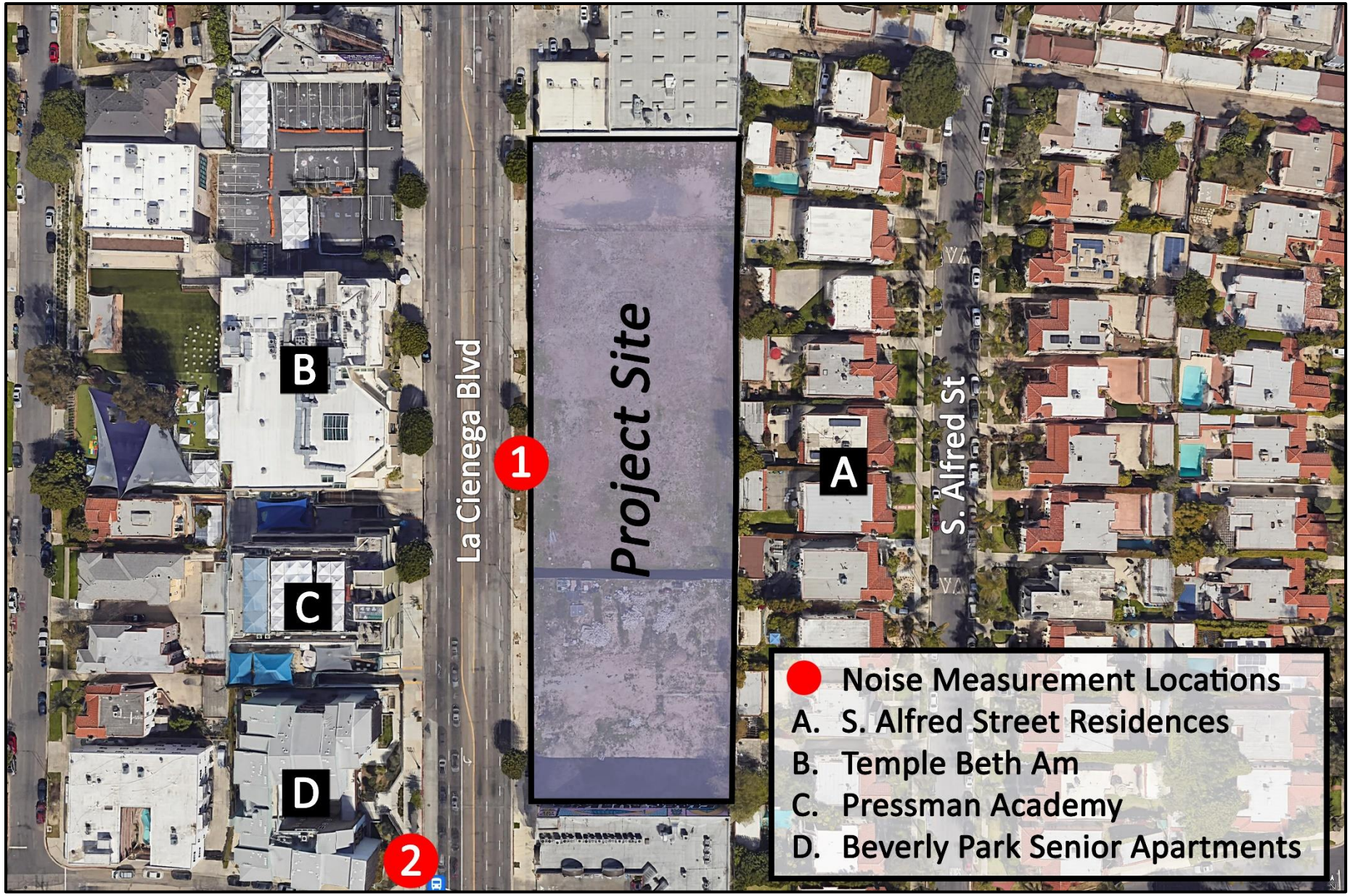

NOISE RECEPTOR LOCATION MAP

1050 La Cienega Project

Imagery via Google

South Alfred Street Residences - Ground Level: BULK EXCAVATION

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Excavator at 25ft	81.9	0.4	77.9
Excavator at 25ft	81.9	0.4	77.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	80.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	80.9 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	80.9 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	81.0 dBA Leq
Unmitigated Noise Increase	**18.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Excavator at 25ft	81.9	0.4	-15.0	62.9
Excavator at 50ft	75.9	0.4	-15.0	56.9
-	0	1	0.0	0.0
-	0	1	0.0	0.0
-	0	1	0.0	0.0
			Combined dBA Leq:	63.9

Mitigated Construction Noise Impact

Combined Equipment Noise Level	63.9 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	63.9 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	66.1 dBA Leq
Mitigated Noise Increase	**4.0 dBA**

South Alfred Street Residences - 2nd Level: BULK EXCAVATION

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Excavator at 75ft	72.4	0.4	68.4
Excavator at 75ft	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	71.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	71.4 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	71.9 dBA Leq
Unmitigated Noise Increase	**9.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Excavator at 75ft	72.4	0.4	-12.2	56.2
Excavator at 100ft	69.9	0.4	-8.1	57.8
-	0	1	0.0	0.0
-	0	1	0.0	0.0
-	0	1	0.0	0.0
			Combined dBA Leq:	60.1

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.1 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.1 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	64.2 dBA Leq
Mitigated Noise Increase	**2.1 dBA**

South Alfred Street Residences - 3rd Level: BULK EXCAVATION

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Excavator at 75ft	72.4	0.4	68.4
Excavator at 75ft	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	71.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	71.4 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	71.9 dBA Leq
Unmitigated Noise Increase	**9.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Excavator at 75ft	72.4	0.4	-14.1	54.3
Excavator at 100ft	69.9	0.4	-8.0	57.9
-	0	1	0.0	0.0
-	0	1	0.0	0.0
-	0	1	0.0	0.0
			Combined dBA Leq:	59.5

Mitigated Construction Noise Impact

Combined Equipment Noise Level	59.5 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	59.5 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	64.0 dBA Leq
Mitigated Noise Increase	**1.9 dBA**

Temple Beth Am: BULK EXCAVATION

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	74.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.9 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	110 ft
Unmitigated Construction Noise Level	68.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	71.7 dBA Leq
Unmitigated Noise Increase	**2.5 dBA**

Construction Noise Impact Analysis

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Pressman Academy: BULK EXCAVATION

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	74.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.9 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	110

Unmitigated Construction Noise Level	68.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	71.7 dBA Leq
Unmitigated Noise Increase	**2.5 dBA**

Construction Noise Impact Analysis

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Beverly Park Senior Apartments: BULK EXCAVATION

Ambient Noise Level:	65.7 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	74.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.9 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	110 ft

Unmitigated Construction Noise Level	68.1 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	70.1 dBA Leq
Unmitigated Noise Increase	**4.4 dBA**

Construction Noise Impact Analysis

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La Cienega Park: BULK EXCAVATION

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
		Combined dBA Leq:	74.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.9 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	340 ft

Unmitigated Construction Noise Level	58.3 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	69.5 dBA Leq
Unmitigated Noise Increase	**0.3 dBA**

South Alfred Street Residences - Ground Level: Auger-Cast Pile Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	83.4	0.2	76.4
Skid Steer Loader	70.1	0.2	63.1
Concrete Mixer Truck at 160ft	71.0	0.2	64.0
Pump at 160ft	62.7	0.2	55.7
Crane at 80ft	70.1	0.16	62.1
		Combined dBA Leq:	77.0

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	77.0 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	77.0 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	77.2 dBA Leq
Unmitigated Noise Increase	**15.1 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	83.4	0.2	-15.0	61.4
Skid Steer Loader	70.1	0.2	-15.0	48.1
Concrete Mixer Truck at 160ft	71.0	0.2	-15.0	49.0
Pump at 160ft	62.7	0.2	-15.0	40.7
Crane at 80ft	70.1	0.16	-15.0	47.1
			Combined dBA Leq:	62.0

Mitigated Construction Noise Impact

Combined Equipment Noise Level	62.0 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	62.0 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	65.1 dBA Leq
Mitigated Noise Increase	**3.0 dBA**

South Alfred Street Residences - Second Level: Auger-Cast Pile Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	72.5
Skid Steer Loader	64.4	0.2	57.4
Concrete Mixer Truck at 210ft	68.6	0.2	61.6
Pump at 210ft	60.3	0.2	53.3
Crane at 80ft	70.1	0.16	62.1
		Combined dBA Leq:	73.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	73.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	73.4 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	73.7 dBA Leq
Unmitigated Noise Increase	**11.6 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	-15.0	57.5
Skid Steer Loader	64.4	0.2	-15.0	42.4
Concrete Mixer Truck at 210ft	68.6	0.2	-15.0	46.6
Pump at 210ft	60.3	0.2	-15.0	38.3
Crane at 80ft	70.1	0.16	-15.0	47.1
			Combined dBA Leq:	58.4

Mitigated Construction Noise Impact

Combined Equipment Noise Level	58.4 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	58.4 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	63.6 dBA Leq
Mitigated Noise Increase	**1.5 dBA**

Construction Noise Impact Analysis

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South Alfred Street Residences - 3rd Level: Auger-Cast Pile Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	72.5
Skid Steer Loader	64.4	0.2	57.4
Concrete Mixer Truck at 210ft	68.6	0.2	61.6
Pump at 210ft	60.3	0.2	53.3
Crane at 80ft	70.1	0.16	62.1
		Combined dBA Leq:	73.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	73.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	73.4 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	73.7 dBA Leq
Unmitigated Noise Increase	**11.6 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	-14.4	58.1
Skid Steer Loader	64.4	0.2	-14.4	43.0
Concrete Mixer Truck at 210ft	68.6	0.2	-15.0	46.6
Pump at 210ft	60.3	0.2	-15.0	38.3
Crane at 80ft	70.1	0.16	-15.0	47.1
			Combined dBA Leq:	58.9

Mitigated Construction Noise Impact

Combined Equipment Noise Level	58.9	dBA Leq
Ground Factor	0	
Mitigated Construction Noise Level	58.9	dBA Leq
Ambient Noise Level	62.1	dBA
New Noise Level	63.8	dBA Leq
Mitigated Noise Increase	**1.7**	**dBA**

Temple Beth Am - Ground Level: Auger-Cast Pile Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Skid Steer Loader at 110ft	65.6	0.2	58.6
Concrete Mixer Truck at 95ft	75.5	0.2	68.5
Pump at 95ft	67.2	0.2	60.2
Crane at 180ft	63.1	0.16	55.1
		Combined dBA Leq:	75.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.1 dBA Leq
Unmitigated Noise Increase	**6.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Concrete Mixer Truck at 95ft	75.5	0.2	-5.0	63.5
Pump at 95ft	67.2	0.2	-5.0	55.2
Crane at 180ft	63.1	0.16	-15.0	40.1
			Combined dBA Leq:	65.3

Mitigated Construction Noise Impact

Combined Equipment Noise Level	65.3 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	65.3 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	70.7 dBA Leq
Mitigated Noise Increase	**1.5 dBA**

Temple Beth Am - Upper Level: Auger-Cast Pile Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Skid Steer Loader at 110ft	65.6	0.2	58.6
Concrete Mixer Truck at 95ft	75.5	0.2	68.5
Pump at 95ft	67.2	0.2	60.2
Crane at 180ft	63.1	0.16	55.1
		Combined dBA Leq:	75.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.1 dBA Leq
Unmitigated Noise Increase	**6.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Concrete Mixer Truck at 95ft	75.5	0.2	-5.0	63.5
Pump at 95ft	67.2	0.2	-5.0	55.2
Crane at 180ft	63.1	0.16	-15.0	40.1
			Combined dBA Leq:	65.3

Mitigated Construction Noise Impact

Combined Equipment Noise Level	65.3 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	65.3 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	70.7 dBA Leq
Mitigated Noise Increase	**1.5 dBA**

Pressman Academy - Ground Level: Auger-Cast Pile Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Skid Steer Loader at 110ft	65.6	0.2	58.6
Concrete Mixer Truck at 95ft	75.5	0.2	68.5
Pump at 95ft	67.2	0.2	60.2
Crane at 180ft	63.1	0.16	55.1
		Combined dBA Leq:	75.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.1 dBA Leq
Unmitigated Noise Increase	**6.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Concrete Mixer Truck at 95ft	75.5	0.2	-5.0	63.5
Pump at 95ft	67.2	0.2	-5.0	55.2
Crane at 180ft	63.1	0.16	-15.0	40.1
			Combined dBA Leq:	65.3

Mitigated Construction Noise Impact

Combined Equipment Noise Level	65.3 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	65.3 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	70.7 dBA Leq
Mitigated Noise Increase	**1.5 dBA**

Pressman Academy - Upper Level: Auger-Cast Pile Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Skid Steer Loader at 110ft	65.6	0.2	58.6
Concrete Mixer Truck at 95ft	75.5	0.2	68.5
Pump at 95ft	67.2	0.2	60.2
Crane at 180ft	63.1	0.16	55.1
		Combined dBA Leq:	75.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.1 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.1 dBA Leq
Unmitigated Noise Increase	**6.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Concrete Mixer Truck at 95ft	75.5	0.2	-5.0	63.5
Pump at 95ft	67.2	0.2	-5.0	55.2
Crane at 180ft	63.1	0.16	-15.0	40.1
			Combined dBA Leq:	65.3

Mitigated Construction Noise Impact

Combined Equipment Noise Level	65.3 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	65.3 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	70.7 dBA Leq
Mitigated Noise Increase	**1.5 dBA**

Beverly Park Senior Apartments - Ground Level: Auger-Cast Pile Installation

Ambient Noise Level:	65.7 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	68.2
Skid Steer Loader at 205ft	60.1	0.2	53.1
Concrete Mixer Truck at 195ft	69.3	0.2	62.3
Pump at 195ft	61	0.2	54.0
Crane at 245ft	60.4	0.16	52.4
		Combined dBA Leq:	69.5

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	69.5 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	69.5 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	71.0 dBA Leq
Unmitigated Noise Increase	**5.3 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	-15.0	53.2
Skid Steer Loader at 205ft	60.1	0.2	-15.0	38.1
Concrete Mixer Truck at 195ft	69.3	0.2	-5.0	57.3
Pump at 195ft	61	0.2	-5.0	49.0
Crane at 245ft	60.4	0.16	-15.0	37.4
			Combined dBA Leq:	59.2

Mitigated Construction Noise Impact

Combined Equipment Noise Level	59.2 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	59.2 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	66.6 dBA Leq
Mitigated Noise Increase	**0.9 dBA**

Construction Noise Impact Analysis

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Beverly Park Senior Apartments - Upper Level: Auger-Cast Pile Installation

Ambient Noise Level:	65.7 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	68.2
Skid Steer Loader at 205ft	60.1	0.2	53.1
Concrete Mixer Truck at 195ft	69.3	0.2	62.3
Pump at 195ft	61	0.2	54.0
Crane at 245ft	60.4	0.16	52.4
		Combined dBA Leq:	69.5

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	69.5 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	69.5 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	71.0 dBA Leq
Unmitigated Noise Increase	**5.3 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	-15.0	53.2
Skid Steer Loader at 205ft	60.1	0.2	-15.0	38.1
Concrete Mixer Truck at 195ft	69.3	0.2	-5.0	57.3
Pump at 195ft	61	0.2	-5.0	49.0
Crane at 245ft	60.4	0.16	-15.0	37.4
			Combined dBA Leq:	59.2

Mitigated Construction Noise Impact

Combined Equipment Noise Level	59.2 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	59.2 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	66.6 dBA Leq
Mitigated Noise Increase	**0.9 dBA**

La Cienega Park: Auger-Cast Pile Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 370ft	70.1	0.2	63.1
Skid Steer Loader at 370ft	55.0	0.2	48.0
Concrete Mixer Truck at 370ft	63.7	0.2	56.7
Pump at 370ft	55.4	0.2	48.4
Crane at 370ft	56.8	0.16	48.8
		Combined dBA Leq:	64.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	64.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	64.4 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	70.4 dBA Leq
Unmitigated Noise Increase	**1.2 dBA**

Construction Noise Impact Analysis

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South Alfred Street Residences - Ground Level: DSM Column Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	83.4	0.2	76.4
Loader	68.3	0.2	61.3
Excavator	71.8	0.2	64.8
Batch Plant at 80ft	82.5	0.15	74.3
Pump at 80ft	68.7	0.2	61.7
		Combined dBA Leq:	78.8

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	78.8 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	78.8 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	78.9 dBA Leq
Unmitigated Noise Increase	**16.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	83.4	0.2	-15.0	61.4
Loader	68.3	0.2	-15.0	46.3
Excavator	71.8	0.2	-15.0	49.8
Batch Plant at 80ft	82.5	0.15	-15.0	59.3
Pump at 80ft	68.7	0.2	-15.0	46.7
			Combined dBA Leq:	63.8

Mitigated Construction Noise Impact

Combined Equipment Noise Level	63.8 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	63.8 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	66.1 dBA Leq
Mitigated Noise Increase	**4.0 dBA**

Construction Noise Impact Analysis

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South Alfred Street Residences - Second Level: DSM Column Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	72.5
Loader	64.4	0.2	57.4
Excavator	67.9	0.2	60.9
Batch Plant at 130ft	78.3	0.15	70.1
Pump at 130ft	64.5	0.2	57.5
		Combined dBA Leq:	74.8

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.8 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	74.8 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	75.0 dBA Leq
Unmitigated Noise Increase	**12.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	-15.0	57.5
Loader	64.4	0.2	-15.0	42.4
Excavator	67.9	0.2	-15.0	45.9
Batch Plant at 130ft	78.3	0.15	-14.3	55.8
Pump at 130ft	64.5	0.2	-14.3	43.2
			Combined dBA Leq:	60.1

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.1 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.1 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	64.2 dBA Leq
Mitigated Noise Increase	**2.1 dBA**

South Alfred Street Residences - 3rd Level: DSM Column Installation

Ambient Noise Level:	62.1 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	72.5
Loader	64.4	0.2	57.4
Excavator	67.9	0.2	60.9
Batch Plant at 130ft	78.3	0.15	70.1
Pump at 130ft	64.5	0.2	57.5
		Combined dBA Leq:	74.8

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	74.8 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	74.8 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	75.0 dBA Leq
Unmitigated Noise Increase	**12.9 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill	79.5	0.2	-14.4	58.1
Loader	64.4	0.2	-14.4	43.0
Excavator	67.9	0.2	-14.4	46.5
Batch Plant at 130ft	78.3	0.15	-13.1	57.0
Pump at 130ft	64.5	0.2	-13.1	44.4
			Combined dBA Leq:	60.9

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.9 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.9 dBA Leq
Ambient Noise Level	62.1 dBA
New Noise Level	64.6 dBA Leq
Mitigated Noise Increase	**2.5 dBA**

Temple Beth Am - Ground Level: DSM Column Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Loader at 110ft	65.6	0.2	58.6
Excavator at 110ft	69.1	0.2	62.1
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	75.0

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.0 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.0 dBA Leq
Unmitigated Noise Increase	**6.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Excavator at 110ft	69.1	0.2	-15.0	47.1
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	60.0

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.0 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	69.7 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Construction Noise Impact Analysis

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Temple Beth Am - Upper Level: DSM Column Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Skid Steer Loader at 110ft	65.6	0.2	58.6
Excavator at 110ft	69.1	0.2	62.1
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	75.0

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.0 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.0 dBA Leq
Unmitigated Noise Increase	**6.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Skid Steer Loader at 110ft	65.6	0.2	-15.0	43.6
Excavator at 110ft	69.1	0.2	-15.0	47.1
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	60.0

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.0 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	69.7 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Pressman Academy - Ground Level: DSM Column Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Loader at 110ft	65.6	0.2	58.6
Excavator at 110ft	69.1	0.2	62.1
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	75.0

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.0 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.0 dBA Leq
Unmitigated Noise Increase	**6.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Loader at 110ft	65.6	0.2	-15.0	43.6
Excavator at 110ft	69.1	0.2	-15.0	47.1
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	60.0

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.0 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	69.7 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Pressman Academy - Upper Level: DSM Column Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	73.7
Loader at 110ft	65.6	0.2	58.6
Excavator at 110ft	69.1	0.2	62.1
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	75.0

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.0 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	75.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	76.0 dBA Leq
Unmitigated Noise Increase	**6.8 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 110ft	80.7	0.2	-15.0	58.7
Loader at 110ft	65.6	0.2	-15.0	43.6
Excavator at 110ft	69.1	0.2	-15.0	47.1
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	60.0

Mitigated Construction Noise Impact

Combined Equipment Noise Level	60.0 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	60.0 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	69.7 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Beverly Park Senior Apartments - Ground Level: DSM Column Installation

Ambient Noise Level:	65.7 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	68.2
Loader at 205ft	60.1	0.2	53.1
Excavator at 205ft	63.6	0.2	56.6
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	71.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	71.1 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	72.2 dBA Leq
Unmitigated Noise Increase	**6.5 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	-15.0	53.2
Loader at 205ft	60.1	0.2	-15.0	38.1
Excavator at 205ft	63.6	0.2	-15.0	41.6
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	56.1

Mitigated Construction Noise Impact

Combined Equipment Noise Level	56.1 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	56.1 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	66.2 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Construction Noise Impact Analysis

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Beverly Park Senior Apartments - Upper Level: DSM Column Installation

Ambient Noise Level:	65.7 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	68.2
Loader at 205ft	60.1	0.2	53.1
Excavator at 205ft	63.6	0.2	56.6
Batch Plant at 180ft	75.5	0.15	67.3
Pump at 180ft	61.7	0.2	54.7
		Combined dBA Leq:	71.1

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.1 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	71.1 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	72.2 dBA Leq
Unmitigated Noise Increase	**6.5 dBA**

Mitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Total Shielding in dBA (Sound Barrier)	Workday Noise Level - dBA Leq
Auger Drill at 205ft	75.2	0.2	-15.0	53.2
Loader at 205ft	60.1	0.2	-15.0	38.1
Excavator at 205ft	63.6	0.2	-15.0	41.6
Batch Plant at 180ft	75.5	0.15	-15.0	52.3
Pump at 180ft	61.7	0.2	-15.0	39.7
			Combined dBA Leq:	56.1

Mitigated Construction Noise Impact

Combined Equipment Noise Level	56.1 dBA Leq
Ground Factor	0

Mitigated Construction Noise Level	56.1 dBA Leq
Ambient Noise Level	65.7 dBA
New Noise Level	66.2 dBA Leq
Mitigated Noise Increase	**0.5 dBA**

Construction Noise Impact Analysis

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La Cienega Park: DSM Column Installation

Ambient Noise Level:	69.2 dBA Leq

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - dBA Leq	Usage %	Workday Noise Level - dBA Leq
Auger Drill at 330ft	71.1	0.2	64.1
Loader at 330ft	56.0	0.2	49.0
Excavator at 330ft	59.5	0.2	52.5
Pump at 330ft	56.4	0.2	49.4
Batch Plant at 330ft	70.2	0.15	62.0
		Combined dBA Leq:	66.5

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	66.5 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0

Unmitigated Construction Noise Level	66.5 dBA Leq
Ambient Noise Level	69.2 dBA
New Noise Level	71.1 dBA Leq
Unmitigated Noise Increase	**1.9 dBA**

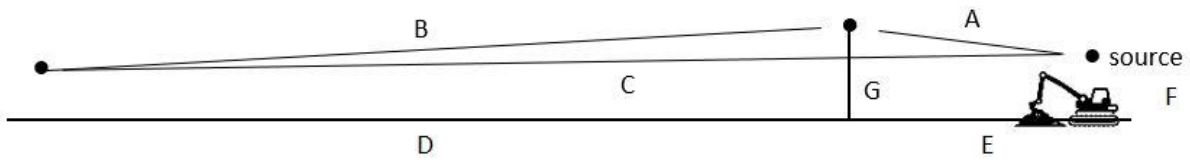
Sound Barrier Analysis

noah tanski environmental consulting

South Alfred Street Residences: Ground Level Only

Construction Phase: Bulk Excavation **Barrier Height: 15 feet**

D:	10 ft	F:	7 ft
E:	See Below ft	G:	15 ft



Receiver/Floor Height (ft)	Equipment Noise Source to Barrier - "E" value (feet)							
	25	50	75	100	125	150	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

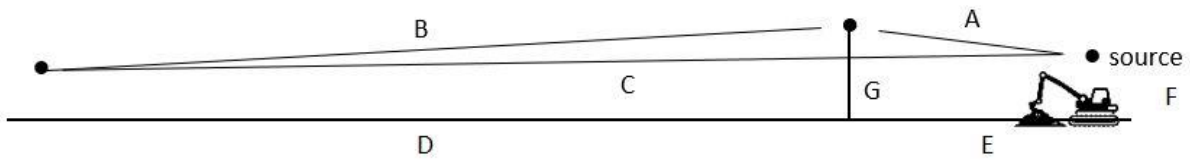
noah tanski environmental consulting

South Alfred Street Residences: 2nd Level

Construction Phase: Bulk Excavation **Barrier Height: 15 feet**

Receiver/Floor Height (ft)
-
-
-
-
-
-
15
-
-
-

D:	50 ft	F:	7 ft
E:	See Below ft	G:	15 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	25	50	75	100	125	150	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
15	12.2	8.1	5.7	5.0	5.0	5.0	5.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

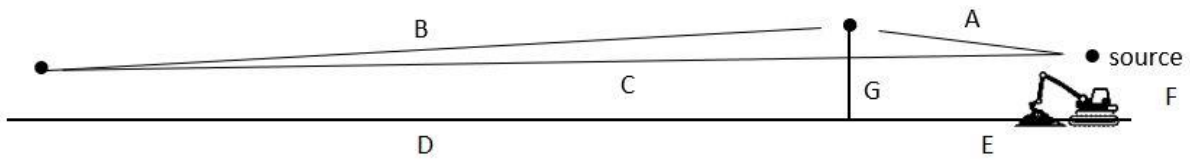
noah tanski environmental consulting

South Alfred Street Residences: 3rd Level

Construction Phase: Bulk Excavation **Barrier Height: 20 feet**

Receiver/Floor Height (ft)
-
-
-
-
-
-
25
-
-
-

D:	50 ft	F:	7 ft
E:	See Below ft	G:	20 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	25	50	75	100	125	150	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
25	14.1	8.0	5.0	5.0	5.0	5.0	5.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

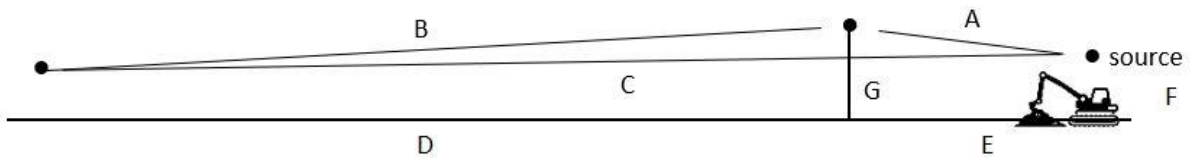
Sound Barrier Analysis

noah tanski environmental consulting

South Alfred Street Residences: Ground Level Only

Construction Phase: ACP/DSM Installation Barrier Height: 15 feet

D:	10 ft	F:	-8 ft
E:	See Below ft	G:	15 ft



Receiver/Floor Height (ft)	Equipment Noise Source to Barrier - "E" value (feet)							
	25	50	75	100	125	150	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

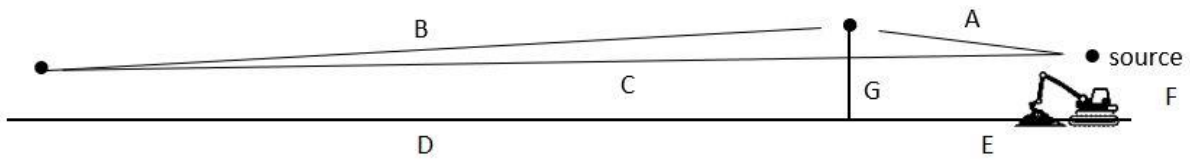
noah tanski environmental consulting

South Alfred Street Residences: 2nd Level

Construction Phase: ACP/DSM Installation Barrier Height: 15 feet

Receiver/Floor Height (ft)
-
-
-
-
-
-
15
-
-
-

D:	50 ft	F:	-8 ft
E:	See Below ft	G:	15 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	25	50	75	100	125	150	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
15	15.0	15.0	14.3	12.3	10.7	9.4	9.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

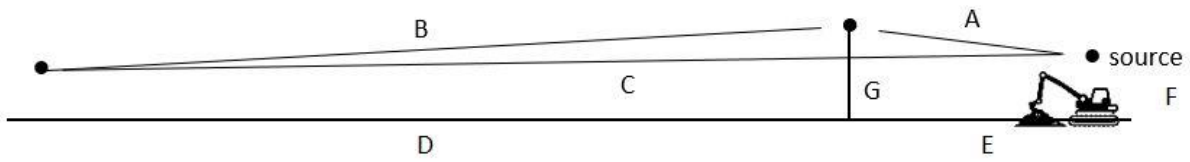
noah tanski environmental consulting

South Alfred Street Residences: 3rd Level

Construction Phase: ACP/DSM Installation Barrier Height: 20 feet

Receiver/Floor Height (ft)
-
-
-
-
-
-
25
-
-
-

D:	50 ft	F:	-8 ft
E:	See Below ft	20	20 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	25	50	65	75	100	125	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
25	15.0	15.0	14.4	13.1	10.1	7.4	5.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

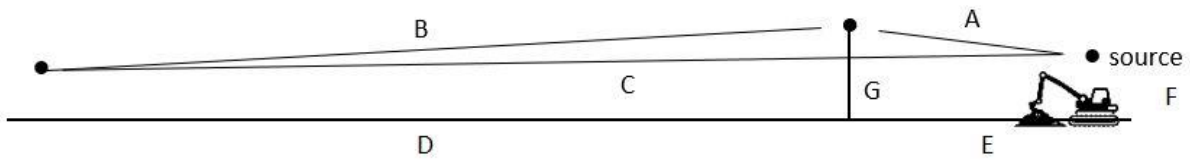
noah tanski environmental consulting

Temple Beth Am: All Levels

Construction Phase: ACP/DSM Installation Barrier Height: 7 feet

Receiver/Floor Height (ft)
-
-
-
40
35
25
15
5
-
-

D:	100 ft	F:	-8 ft
E:	See Below ft	G:	7 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	10	25	50	75	100	125	150	160
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
40	15.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
35	15.0	12.1	5.0	0.0	0.0	0.0	0.0	0.0
25	15.0	14.7	6.7	5.0	0.0	0.0	0.0	0.0
15	15.0	15.0	11.9	7.9	5.0	5.0	5.0	5.0
5	15.0	15.0	15.0	13.1	11.6	10.4	9.4	9.0
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

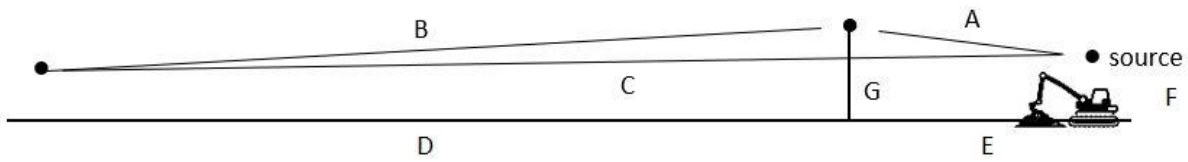
noah tanski environmental consulting

Pressman Academy: All Levels

Construction Phase: ACP/DSM Installation Barrier Height: 7 feet

Receiver/Floor Height (ft)
-
-
-
40
35
25
15
5
-
-

D:	100 ft	F:	-8 ft
E:	See Below ft	G:	7 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	10	25	50	75	100	125	150	160
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
40	15.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
35	15.0	12.1	5.0	0.0	0.0	0.0	0.0	0.0
25	15.0	14.7	6.7	5.0	0.0	0.0	0.0	0.0
15	15.0	15.0	11.9	7.9	5.0	5.0	5.0	5.0
5	15.0	15.0	15.0	13.1	11.6	10.4	9.4	9.0
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Sound Barrier Analysis

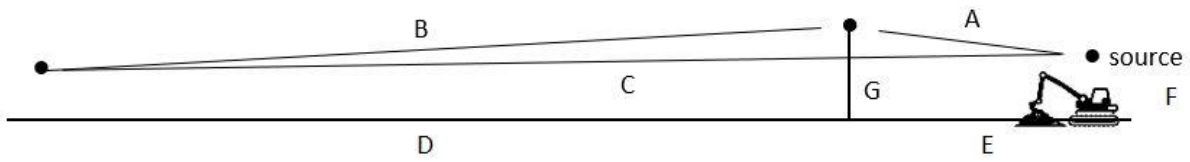
noah tanski environmental consulting

Beverly Park Senior Apartments: All Levels

Construction Phase: ACP Installation **Barrier Height: 7 feet**

Receiver/Floor Height (ft)
-
-
-
40
35
25
15
5
-
-

D:	195 ft	F:	-8 ft
E:	See Below ft	G:	7 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	10	25	50	75	100	125	150	160
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
40	15.0	15.0	8.1	5.0	0.0	0.0	0.0	0.0
35	15.0	15.0	9.6	5.0	5.0	0.0	0.0	0.0
25	15.0	15.0	12.1	8.0	5.0	5.0	5.0	5.0
15	15.0	15.0	14.1	11.3	8.9	6.9	5.0	5.0
5	15.0	15.0	15.0	13.7	12.3	11.1	10.1	9.8
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

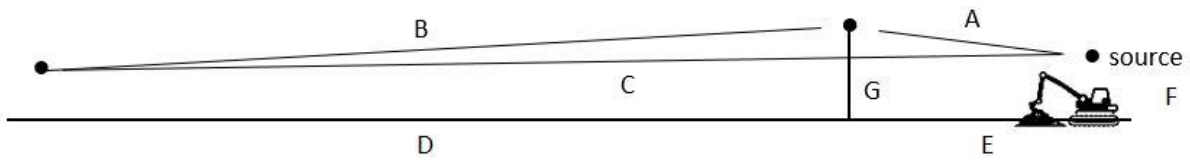
Sound Barrier Analysis

noah tanski environmental consulting

Beverly Park Senior Apartments: Ground Level

Construction Phase: DSM Installation **Barrier Height: 7 feet**

D:	195 ft	F:	-8 ft
E:	See Below ft	G:	7 ft



Receiver/Floor Height (ft)	Equipment Noise Source to Barrier - "E" value (feet)							
	10	25	50	75	100	125	150	160
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
5	15.0	15.0	15.0	13.7	12.3	11.1	10.1	9.8
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

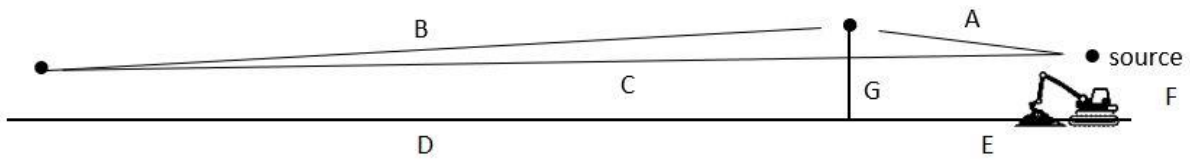
Sound Barrier Analysis

noah tanski environmental consulting

Beverly Park Senior Apartments: Upper Level

Construction Phase: DSM Installation **Barrier Height: 7 feet**

D:	195 ft	F:	-8 ft
E:	See Below ft	G:	7 ft



	Equipment Noise Source to Barrier - "E" value (feet)							
Receiver/Floor Height (ft)	10	25	50	75	100	125	150	160
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
40	15.0	15.0	8.1	5.0	0.0	0.0	0.0	0.0
35	15.0	15.0	9.6	5.0	5.0	0.0	0.0	0.0
25	15.0	15.0	12.1	8.0	5.0	5.0	5.0	5.0
15	15.0	15.0	14.1	11.3	8.9	6.9	5.0	5.0
5	15.0	15.0	15.0	13.7	12.3	11.1	10.1	9.8
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Receptor: South Alfred Street Residences - Ground Level
Construction Equipment: Drill Rig

G:	0	
Equipment Noise Level at 50ft:	87.5	dBA Leq
Noise Level at Receptor:	83.4	dBA Leq

Feet from Receptor	65
90	111.018
	80.57153
80	103.0776
	81.21611
70	95.52487
	81.87707
60	88.45903
	82.54456
50	82.0061
	83.20248
40	76.32169
	83.82644
30	71.58911
	84.38246
20	68.00735
	84.82828
10	65.76473
	85.11954
0	65
	85.22113
-10	65.76473
	85.11954
-20	68.00735
	84.82828
-30	71.58911

	84.38246
-40	76.32169
	83.82644
-50	82.0061
	83.20248
-60	88.45903
	82.54456
-70	95.52487
	81.87707
-80	103.0776
	81.21611
-90	111.018
	80.57153

Receptor: South Alfred Street Residences - Ground Level
Construction Equipment: Loader

G:	0	
Equipment Noise Level at 50ft:	74.2	dBA Leq
Noise Level at Receptor:	70.1	dBA Leq

Feet from Receptor	65
90	111.018
	67.27153
80	103.0776
	67.91611
70	95.52487
	68.57707
60	88.45903
	69.24456
50	82.0061
	69.90248
40	76.32169
	70.52644
30	71.58911
	71.08246
20	68.00735
	71.52828
10	65.76473
	71.81954
0	65
	71.92113
-10	65.76473
	71.81954
-20	68.00735
	71.52828
-30	71.58911

	71.08246
-40	76.32169
	70.52644
-50	82.0061
	69.90248
-60	88.45903
	69.24456
-70	95.52487
	68.57707
-80	103.0776
	67.91611
-90	111.018
	67.27153

Receptor: South Alfred Street Residences - Ground Level
Construction Equipment: Excavator

G:	0	
Equipment Noise Level at 50ft:	75.9	dBA Leq
Noise Level at Receptor:	64.4	dBA Leq

Feet from Receptor	65
90	111.018
	68.97153
80	103.0776
	69.61611
70	95.52487
	70.27707
60	88.45903
	70.94456
50	82.0061
	71.60248
40	76.32169
	72.22644
30	71.58911
	72.78246
20	68.00735
	73.22828
10	65.76473
	73.51954
0	65
	73.62113
-10	65.76473
	73.51954
-20	68.00735
	73.22828
-30	71.58911

	72.78246
-40	76.32169
	72.22644
-50	82.0061
	71.60248
-60	88.45903
	70.94456
-70	95.52487
	70.27707
-80	103.0776
	69.61611
-90	111.018
	68.97153

Receptor: South Alfred Street Residences - 2nd and Upper Level
Construction Equipment: Drill Rig

G:	0	
Equipment Noise Level at 50ft:	87.5	dBA Leq
Noise Level at Receptor:	79.5	dBA Leq

Feet from Receptor	115
90	146.0308
	78.19051
80	140.0893
	78.5513
70	134.6291
	78.89662
60	129.7112
	79.21985
50	125.3994
	79.51349
40	121.758
	79.76945
30	118.8486
	79.97952
20	116.7262
	80.13603
10	115.434
	80.23273
0	115
	80.26544
-10	115.434
	80.23273
-20	116.7262
	80.13603
-30	118.8486

		79.97952
-40		121.758
		79.76945
-50		125.3994
		79.51349
-60		129.7112
		79.21985
-70		134.6291
		78.89662
-80		140.0893
		78.5513
-90		146.0308
		78.19051

Receptor: South Alfred Street Residences - 2nd and Upper Level
Construction Equipment: Loader

G:	0	
Equipment Noise Level at 50ft:	72.4	dBA Leq
Noise Level at Receptor:	64.4	dBA Leq

Feet from Receptor	115
90	146.0308
	63.09051
80	140.0893
	63.4513
70	134.6291
	63.79662
60	129.7112
	64.11985
50	125.3994
	64.41349
40	121.758
	64.66945
30	118.8486
	64.87952
20	116.7262
	65.03603
10	115.434
	65.13273
0	115
	65.16544
-10	115.434
	65.13273
-20	116.7262
	65.03603
-30	118.8486

64.87952

-40 121.758
64.66945

-50 125.3994
64.41349

-60 129.7112
64.11985

-70 134.6291
63.79662

-80 140.0893
63.4513

-90 146.0308
63.09051

Receptor: South Alfred Street Residences - 2nd and Upper Level
Construction Equipment: Excavator

G:	0	
Equipment Noise Level at 50ft:	75.9	dBA Leq
Noise Level at Receptor:	67.9	dBA Leq

Feet from Receptor	115
90	146.0308
	66.59051
80	140.0893
	66.9513
70	134.6291
	67.29662
60	129.7112
	67.61985
50	125.3994
	67.91349
40	121.758
	68.16945
30	118.8486
	68.37952
20	116.7262
	68.53603
10	115.434
	68.63273
0	115
	68.66544
-10	115.434
	68.63273
-20	116.7262
	68.53603
-30	118.8486

		68.37952
-40		121.758
		68.16945
-50		125.3994
		67.91349
-60		129.7112
		67.61985
-70		134.6291
		67.29662
-80		140.0893
		66.9513
-90		146.0308
		66.59051

RESULTS: SOUND LEVELS **1050 La Cienega**

NTEC **21 April 2022**
Noah Tanski **TNM 2.5**
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: **1050 La Cienega**
RUN: **Haul Trips: 42 per hour**
BARRIER DESIGN: **INPUT HEIGHTS**
ATMOSPHERICS: **68 deg F, 50% RH**

Average pavement type shall be used unless a State highway agency substantiates the use 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 Sub'l Inc**	**Impact**	**LAeq1h**	**Calculated**	**Goal**	**Calculated minus Goal**
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
50ft from centerline	2	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	1	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

NTEC 19 May 2022
Noah Tanski TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1050 La Cienega
RUN: La Cienega: AM
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
50ft E of centerline	1	1	0.0	52.4	66	52.4	10	----	52.4	0.0	8	-8.0
50ft W of centerline	2	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

NTEC
Noah Tanski

19 May 2022
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1050 La Cienega
RUN: La Cienega: PM
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
50ft E of centerline	1	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
50ft W of centerline	2	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

1050 La Cienega Project: On-Site Construction Vibration - PPV (in/sec)

Unmitigated

Earthmoving Equipment		
Equipment:	"Large Bulldozer" (or vibrational equivalent)	
Equipment PPV (in/sec):	0.089	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
South Alfred Street Residences	15	0.156
1080 La Cienega Blvd (Commercial)	5	0.523
1016 La Cienega Blvd (Commercial)	30	0.073
Temple Beth Am	100	0.019
Pressman Academy	100	0.019
Beverly Park Senior Apartments	100	0.019

Vibratory Compactor		
Equipment:	"Vibratory Roller"	
Equipment PPV (in/sec):	0.21	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
South Alfred Street Residences	15	0.368
1080 La Cienega Blvd (Commercial)	5	1.233
1016 La Cienega Blvd (Commercial)	30	0.172
Temple Beth Am	100	0.046
Pressman Academy	100	0.046
Beverly Park Senior Apartments	100	0.046

Mitigated

Earthmoving Equipment

Equipment:	"Large Bulldozer" (or vibrational equivalent)	
Equipment PPV (in/sec):	0.089	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
South Alfred Street Residences	20	0.114
1080 La Cienega Blvd (Commercial)	6	0.428

Earthmoving Equipment

Equipment:	"Small Bulldozer" (or vibrational equivalent)	
Equipment PPV (in/sec):	0.003	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
South Alfred Street Residences	1	0.103
1080 La Cienega Blvd (Commercial)	1	0.103

Vibratory Compactor

Equipment:	"Vibratory Roller"	
Equipment PPV (in/sec):	0.21	
Reference Distance (ft):	25	
"n" value	1.1	
Receptor	Distance (ft)	Vibration Level (in/sec PPV)
South Alfred Street Residences	45	0.110
1080 La Cienega Blvd (Commercial)	15	0.368