



NOISE STUDY REPORT NUMBER 11134-R1

Company: Generation Metal Recycling Attention: Mr. Jason Dean Pages:1 Of 3	Date: February 18, 2026 Phone: (770) 532.6312
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Dear Mr. Dean,

On February 06, 2026, around 11am, I visited the Generations Metal Recycling Facility located at 860 Gainesville Hwy, Buford, GA. and recorded sound levels (dBA) and 1/3 Octave Band at twenty-four (24) different locations. The goal of this report is to record the noise levels in these locations with the Blue Shark Hammermill not running and with the Blue Shark Hammermill running to determine what noise energy, if any, impacted these locations.

Noise levels recorded with handheld Larson Davis Sound-Expert 821 Class 1 Sound Level Meter and Larson Davis 1/2" Preamplifier calibrator for 821 Class 1 Sound Level Meter. Air temperature was 58F, Humidity 54% and wind speed 9 MPH.

Shown in table 1 below are the noise levels recorder in dBA and the peak noise level frequency identified. I have also provided you with a brief explanation of the sound levels along with a possible solution to lower noise exposure to the surrounding properties.

Table 1

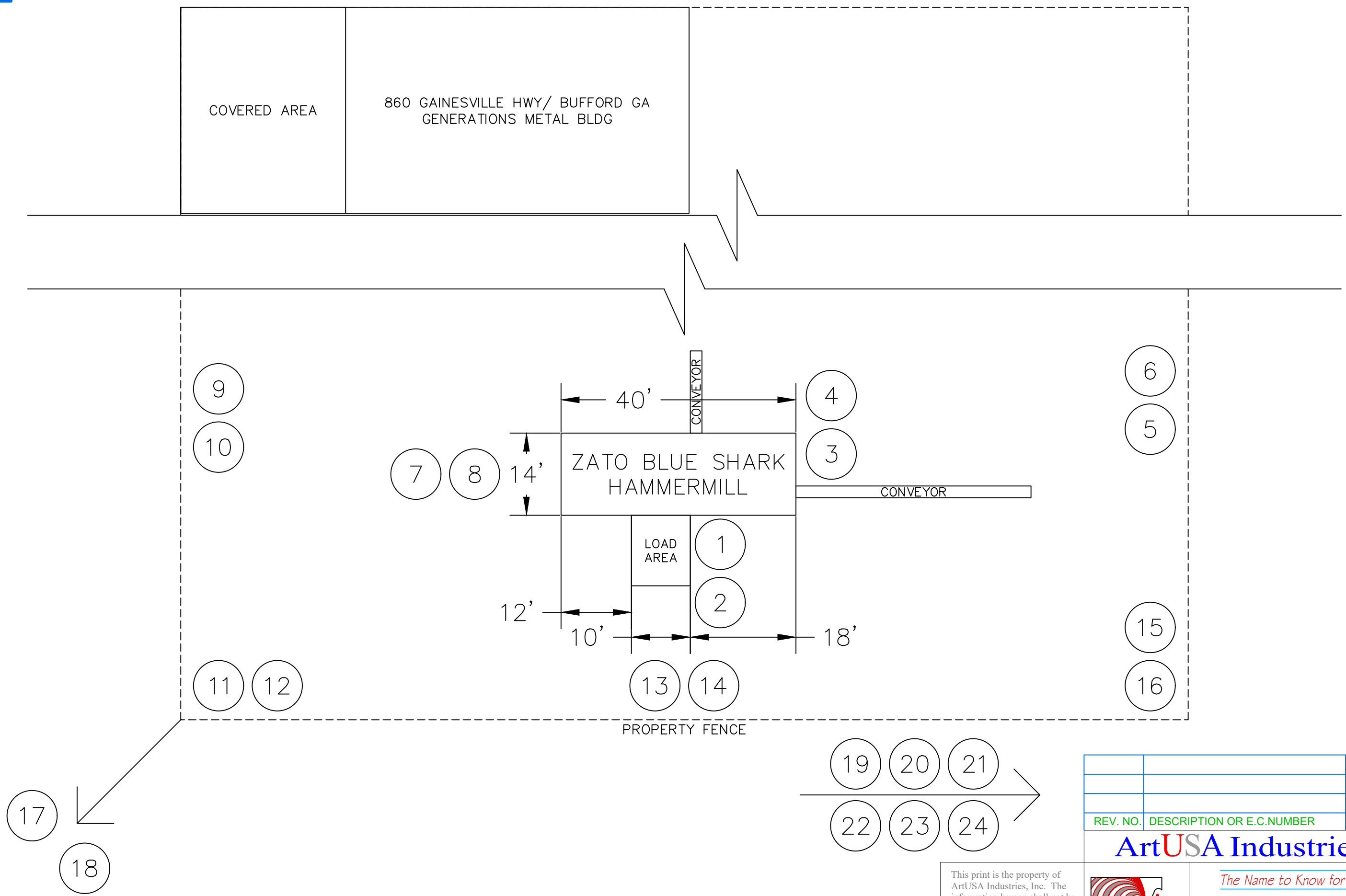
Location Number: See drawing 11134-0 attached to this report for location number layout.	PEAK FREQUENCIES (Hz)	dBA	Blue Shark Hammermill ON / OFF
#1: Hammermill load area	500, 1K	44	OFF
#2: Hammermill load area	16,31.5,125	92	ON
#3: Hammermill end conveyor	500, 1K	44	OFF
#4: Hammermill end conveyor	16,31.5,125	91	ON
#5: Scale area / concrete blocks between Hammermill and Scale	500, 1K	44	OFF
#6: Scale area / concrete blocks between Hammermill and Scale	16,31.5,125	66	ON
#7: Control panel end	500, 1K	44	OFF
#8: Control panel end	16,31.5,125	93	ON

Table 1 Continue

Location Number: See drawing 11134-0 attached to this report for location number layout.	PEAK FREQUENCIES (Hz)	dBA	Blue Shark Hammermill ON / OFF
#9: Property fence NW corner	500, 1K	51	OFF
#10: Property fence NW corner	16,31.5,125	66	ON
#11: Property fence SW corner	500, 1K	46	OFF
#12: Property fence SW corner	16,31.5,125	71	ON
#13: Property fence East side	500, 1K	44	OFF
#14: Property fence East side	16,31.5,125	68	ON
#15: Property fence SE corner	500, 1K	47	OFF
#16: Property fence SE corner	16,31.5,125	70	ON
#17: 438 Apple Tree Way street	500, 1K	45	OFF
#18: 438 Apple Tree Way street	16,31.5,125	51	ON
#19: Thunder Rd GA power drive	500, 1K	48	OFF
#20: Thunder Rd GA power drive	16,31.5,125	58	ON
#21: 415 Thunder Rd	500, 1K	47	OFF
#22: 415 Thunder Rd	16,31.5,125	57	ON
#23: 421 Thunder Rd	500, 1K	48	OFF
#24: 421 Thunder Rd	16,31.5,125	58	ON

Explanation Of Noise Levels:

- Ambient noise levels with Blue Shark Hammermill off were around 46 dBA around the Generations Metal Recycling property line fence.
- Ambient noise levels with Blue Shark Hammermill off were around 45 dBA around the residential properties
- Noise levels with Blue Shark Hammermill on were around 70 dBA around the Generations Metal Recycling property line fence.
- Noise levels with Blue Shark Hammermill on were around 51 dBA around the residential properties.
- The 16Hz, 31.5Hz and 125Hz frequencies continued to peak at residential properties while 500Hz and above frequencies flatlined and contributed no noise impact to the residential properties.
- Noise levels from the Blue Shark Hammermill are most dominant in the 16Hz through 125Hz frequencies and these are the same frequencies that show up in the residential areas located approximately 600+ feet from Generations Metal Recycling property line fence. The 31.5Hz frequency is 98 dB at the Hammermill and 76 dB at residential area location 18.
- Standard acceptable noise levels for residential areas that border industrial properties seen around the country in areas that have specified noise ordinances is 55 dBA from 7pm – 7am and 65 dBA from 7am-7pm.



REV. NO.	DESCRIPTION OR E.C. NUMBER	DATE	BY

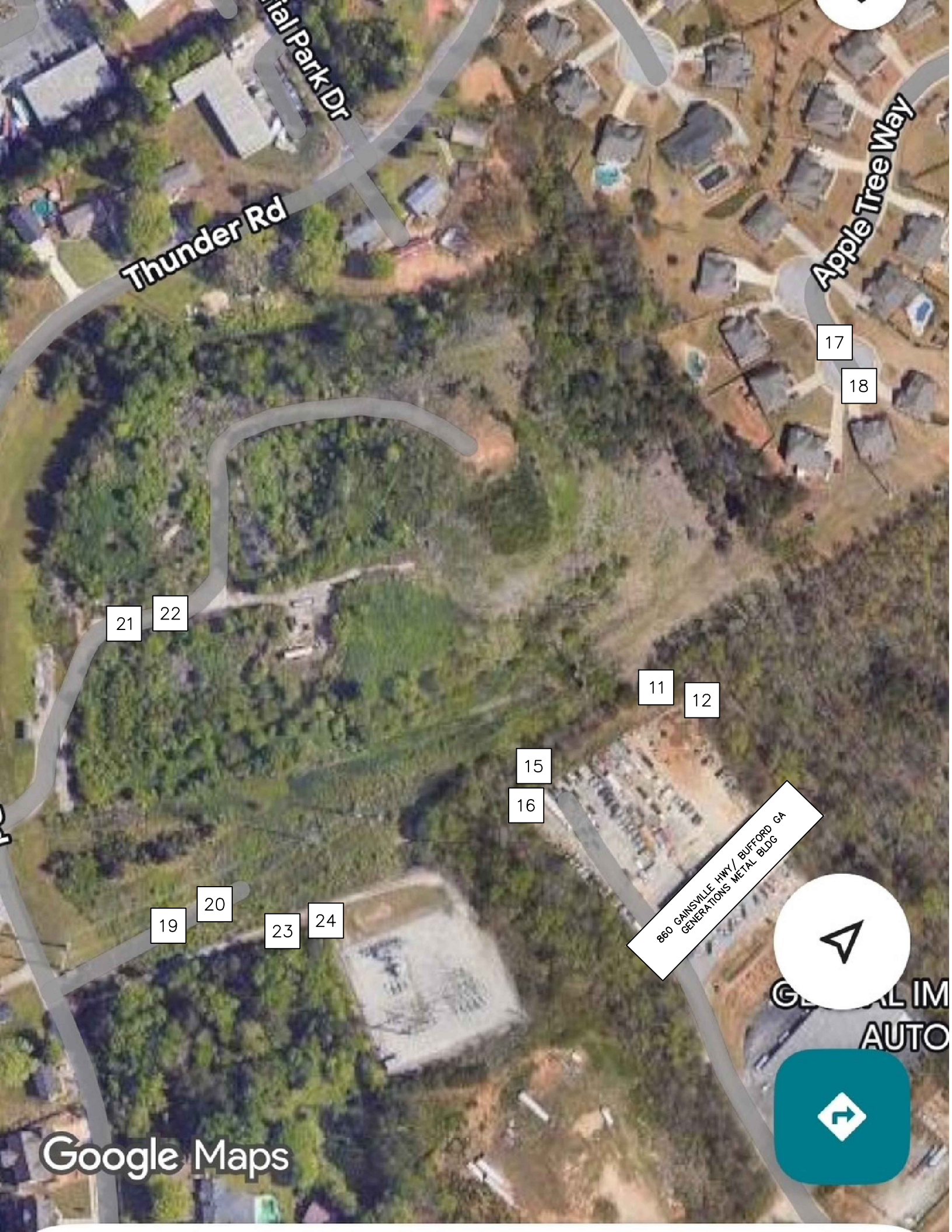
ArtUSA Industries, Inc.

The Name to Know for Noise Control



DATE 2/18/26	TITLE SOUND STUDY	DR. BY JTB	CUSTOMER GENERATIONS METAL	SIZE B
DWG. NO. 11134-0	REV. 0	SHT. 1	OF 2	

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Thunder Rd

Memorial Park Dr

Apple Tree Way

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18

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12

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16

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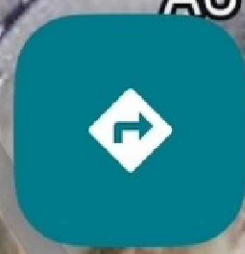
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880 GAINSVILLE HWY / BUFFORD GA
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