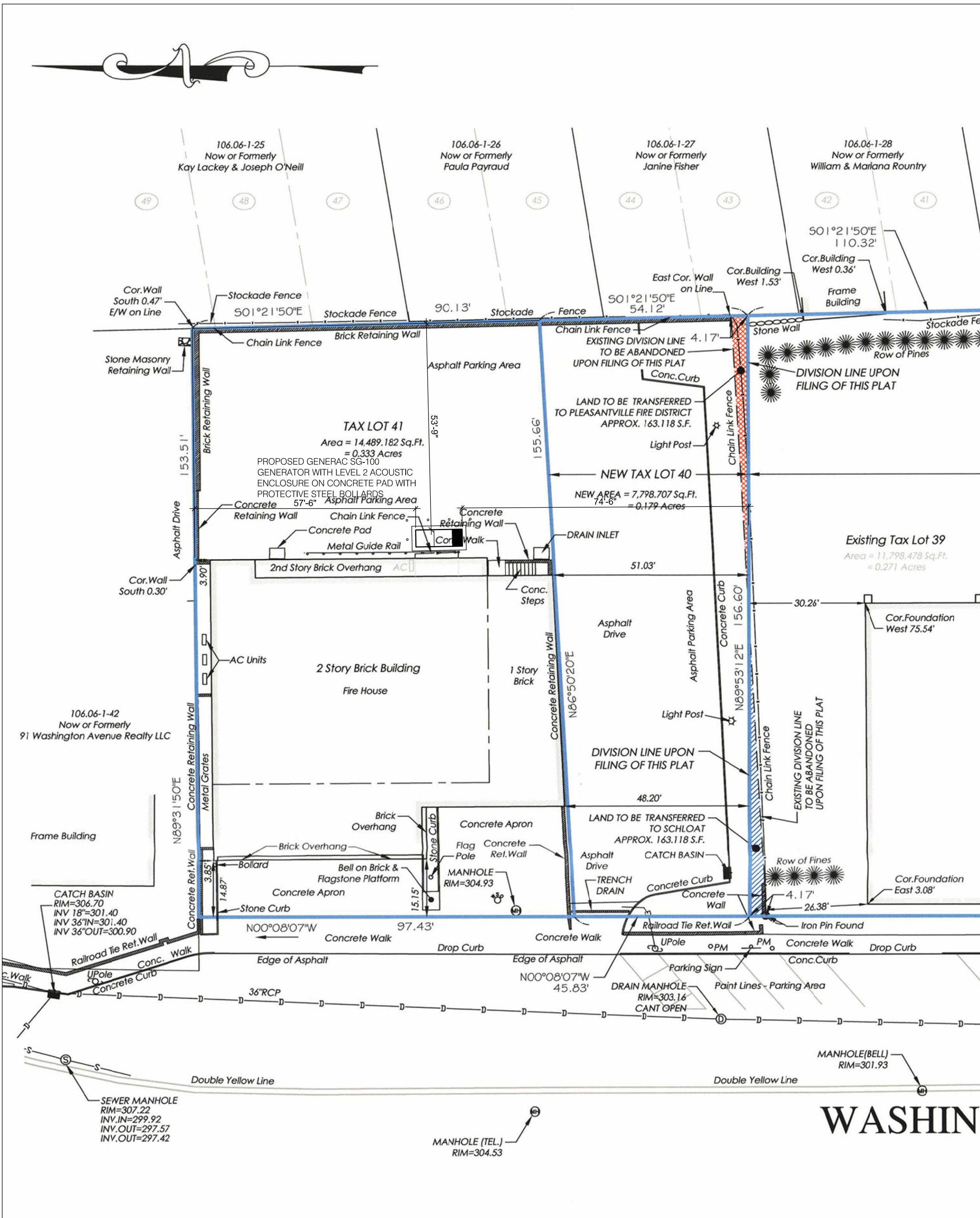
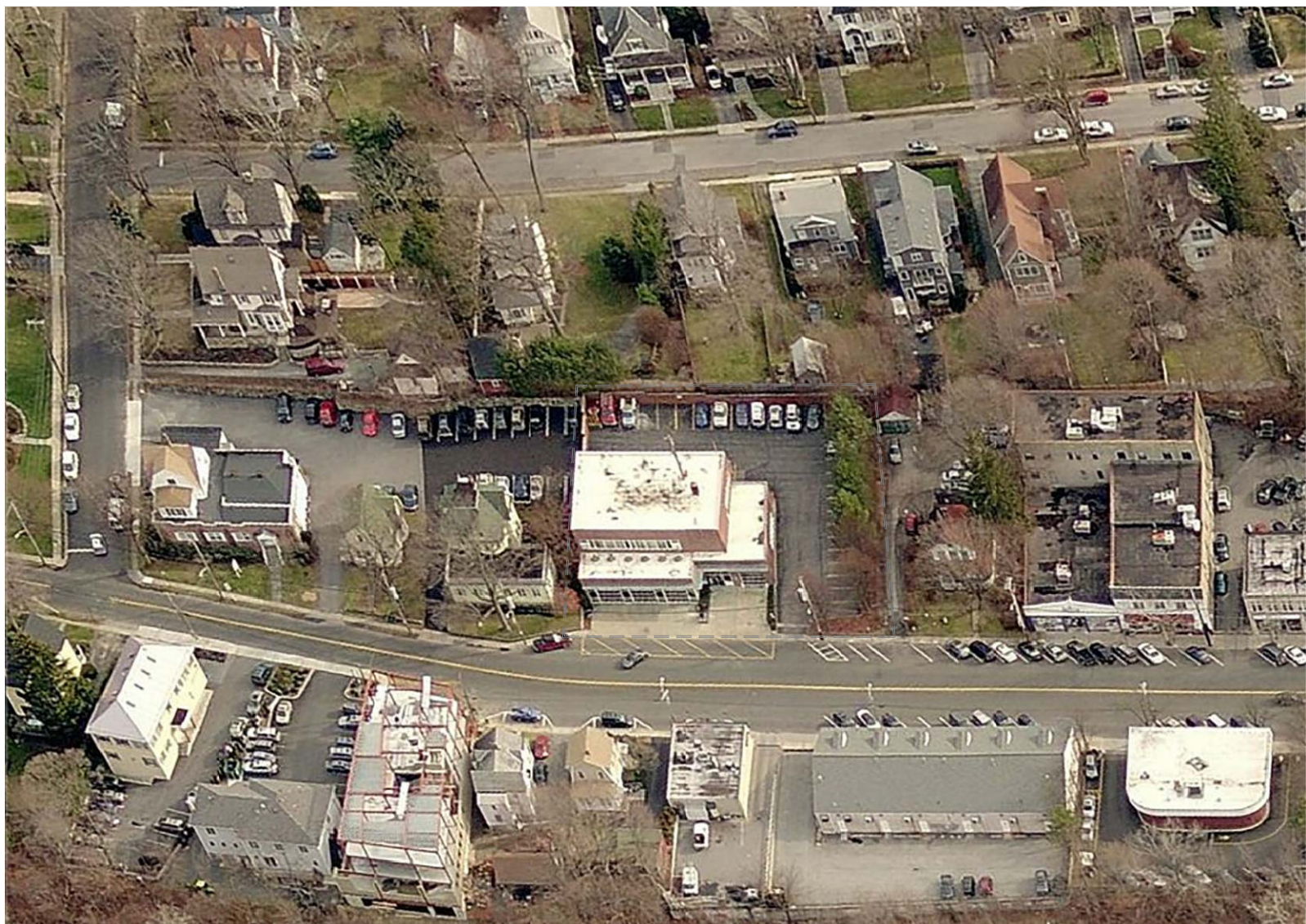




SITE PLAN
1
A-001
1"= 20'

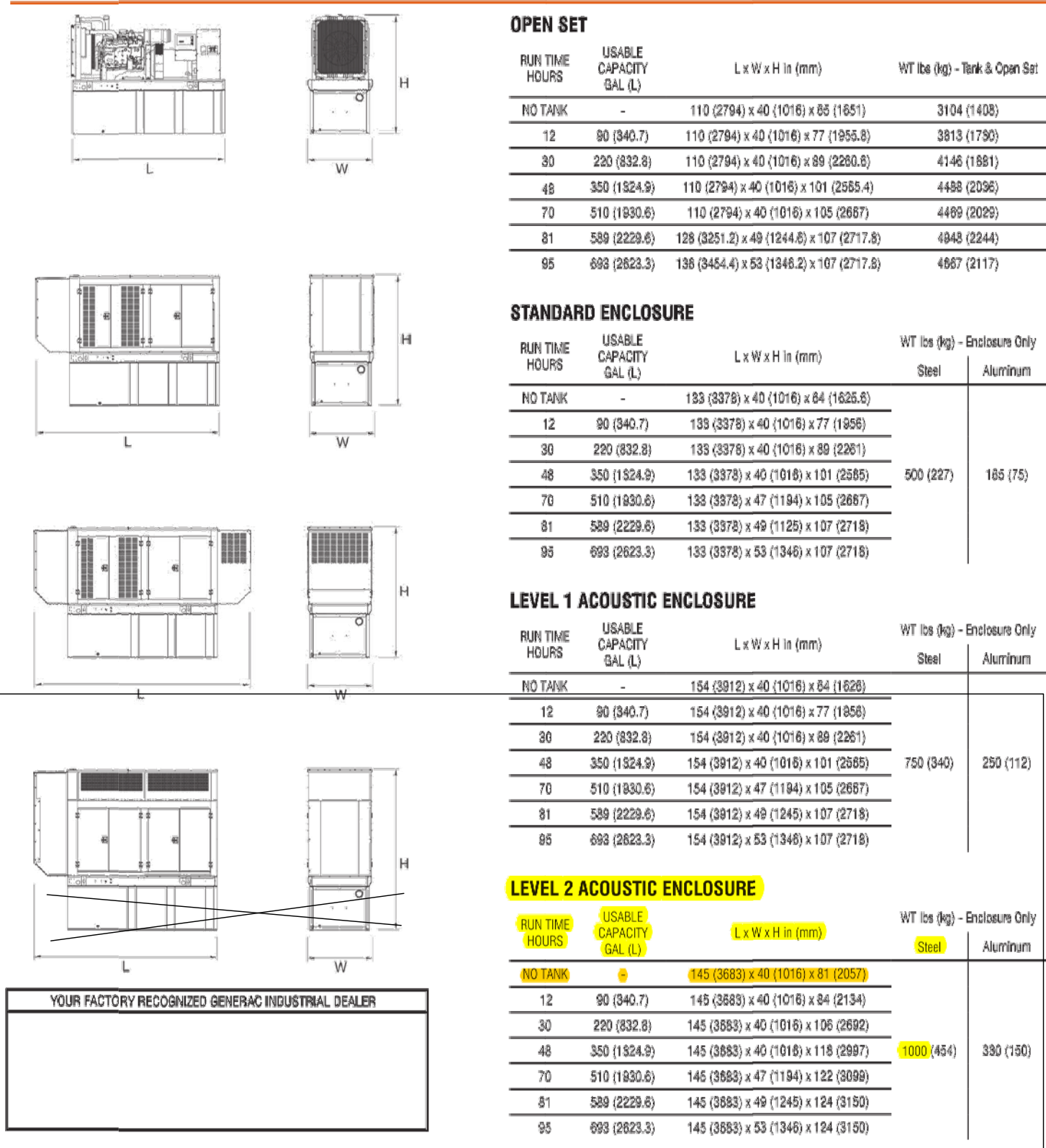


AERIAL VIEW/LOCATION
2
A-001

THIS SITE PLAN IS BASED ON INFORMATION TAKEN FROM SURVEY PREPARED BY TC MERRITT'S LAND SURVEYORS DATED AUGUST 31, 2017

SD100 | 6.7L | 100 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



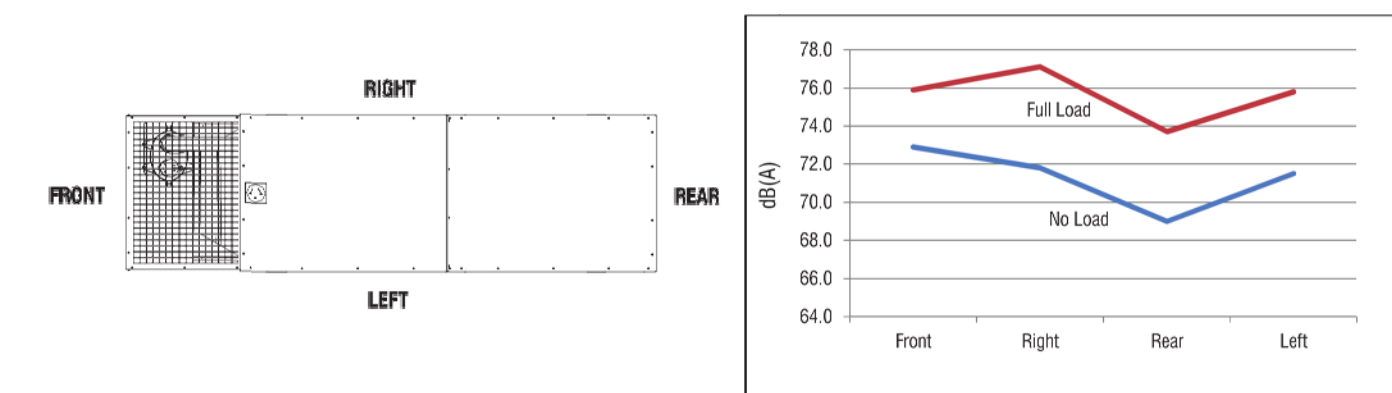
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LEVEL 2 ACOUSTIC ENCLOSURE
SD100 6.7L FPT

60Hz NO-LOAD DATA, dB(A)										DISTANCE: 7 METERS	
MICROPHONE LOCATION	1/1 OCTAVE BAND CENTER FREQUENCY (Hz)									dB(A)	
	31.5	63	125	250	500	1000	2000	4000	8000		
FRONT	40.9	53.2	64.7	70.1	63.2	64.0	59.2	55.8	48.3	72.9	
RIGHT	36.1	54.6	66.9	67.3	63.3	62.3	56.8	53.9	49.8	71.8	
REAR	30.9	56.4	63.3	62.8	62.8	60.9	54.0	48.7	43.2	69.0	
LEFT	37.7	51.7	63.1	67.7	63.5	63.5	60.1	57.0	52.6	71.5	
AVERAGE	36.4	54.0	64.5	67.0	63.2	62.7	57.5	53.8	48.5	71.3	

60Hz FULL-LOAD DATA, dB(A)										DISTANCE: 7 METERS	
MICROPHONE LOCATION	1/1 OCTAVE BAND CENTER FREQUENCY (Hz)									dB(A)	
	31.5	63	125	250	500	1000	2000	4000	8000		
FRONT	40.9	59.0	72.0	71.0	65.7	65.2	63.8	58.2	50.5	75.9	
RIGHT	37.2	59.7	73.0	72.9	65.4	64.8	64.6	58.4	54.0	77.1	
REAR	34.0	59.9	71.1	65.2	64.4	61.9	62.4	53.4	48.2	73.7	
LEFT	39.8	56.5	69.9	71.4	65.7	65.7	67.1	61.1	56.9	75.8	
AVERAGE	38.0	58.8	71.5	70.1	65.3	64.4	64.5	57.8	52.4	75.6	



1. All positions at 23 feet (7 meters) from side faces of generator set.
2. Test conducted on a 100 foot diameter asphalt surface.
3. Sound pressure levels are subject to instrumentation, installation and testing conditions.

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Zone: Central Business A-1

Minimum Side/Rear Yard:
None or 6' if Provided
57'-6" and 74' Proposed

Minimum Side/Rear Yard Adjacent
to Residential District:
20'
53'-9" and 74'-6" Proposed

Maximum Building Coverage:
80%
29% Proposed

Level 2 Acoustic Enclosure Average
Sound Levels at Property Line (53.75' from
Rear of Generator)

No Load: 63.8 dB(A)
Full Load: 68.1 dB(A)

Sound Levels at Nearest Residence (125'
from Rear of Generator)

No Load: 56.6 dB(A)
Full Load: 60.9 dB(A)

Approximate dBA Sound
Emission Comparison

- Diesel Locomotive 98
- Busy Restaurant 75
- Shower 70
- Sewing Machine 60
- Refrigerator 50
- Whisper 30
- Rustling Leaves 20

REVISIONS / DATE:
REVISION OCT 11, 2017

JAMES COLEMAN ARCHITECTURE STUDIO

11 WASHINGTON AVENUE PLEASANTVILLE NEW YORK
WWW.JCOLEMANSTUDIO.COM 914 579 2015

PROJECT / LOCATION:

PLEASANTVILLE FIRE DISTRICT
75 Washington Ave
Pleasantville, New York 10570

DRAWING TITLE:

Emergency Generator

ARCHITECT SEAL / SIGNATURE:



DATE: Sept 12, 2017

SCALE: As Noted

DRAWING NO.:

A-001

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