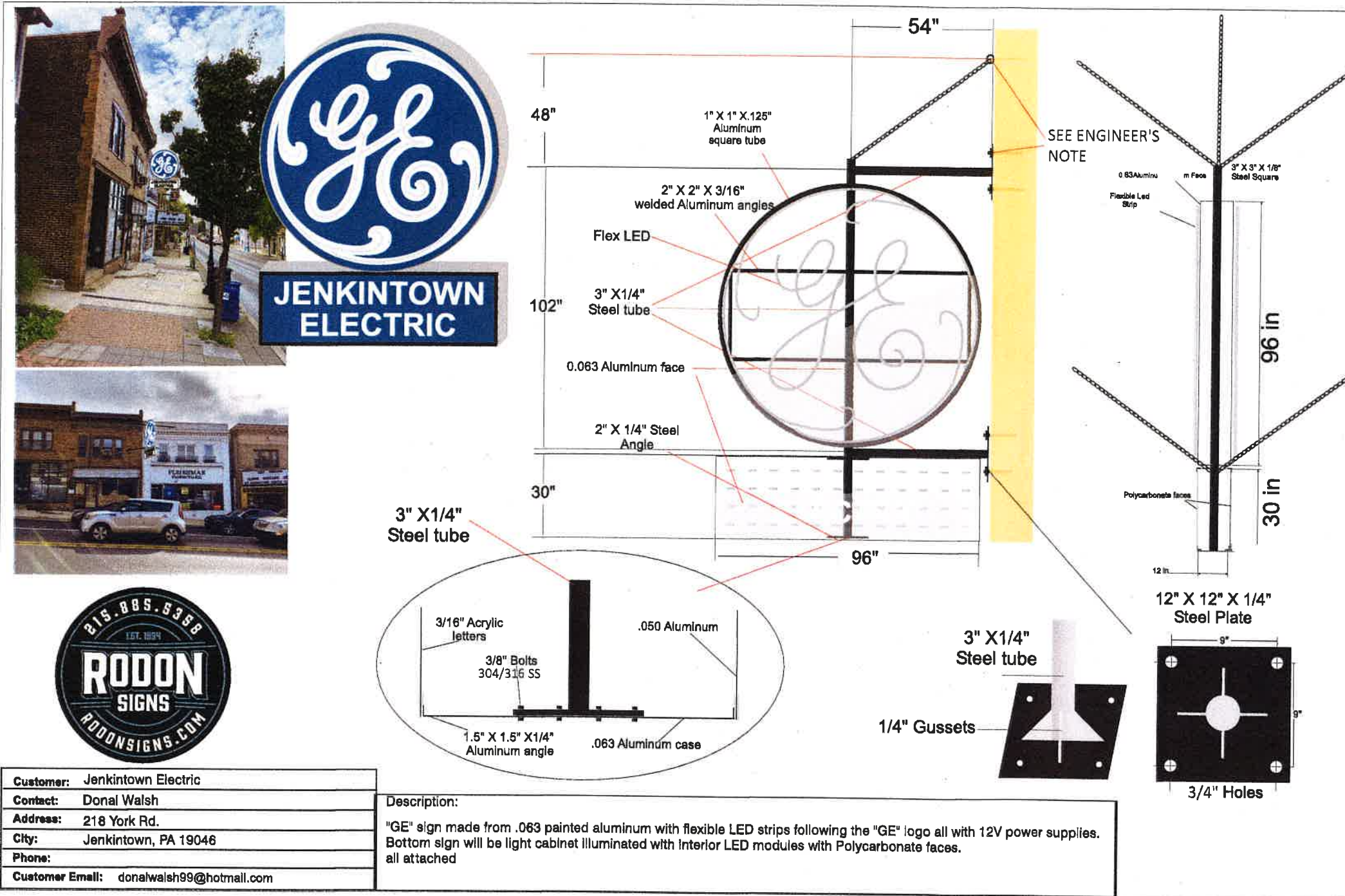


Engineer's Note:

- Chain to be min. 5/16" Grade 40/43 galvanized
- Chain angles to be between 40 and 45 degrees
- Fasten chains to 5/8" Eye nut (McMaster-Carr #3019T19 equiv. or greater), and 5/8" A193 B7 threaded rod 10" embd. into 3x Hilti HIT-SC screen tubes and HY 270 into multi width solid brick masonry wall (~13" thk.) VIF
- Fasten plates to wall with 5/8" A193 B7 threaded rod 10" embd. into 3x Hilti HIT-SC screen tubes and HY 270 into multi width solid brick masonry wall (~13" thk.) VIF
- Maintain min. 8" clearance from anchors to edges of masorny
- Cease work & contact Murdoch Engineering if field conditions vary.

DESIGN SPECIFICATIONS			
IBC	2015	with	PA amendments
ASCE	7-10	Minimum Design Loads for Buildings & Other Structures	
ACI	318-14	Building Code Requirements for Structural Concrete	
ANSI/AISC	360-10	Specification for Structural Steel Buildings	
DESIGN LOADS			
Wind	Vult = 115 mph		
Exposure	B		
Risk Cat.	II		



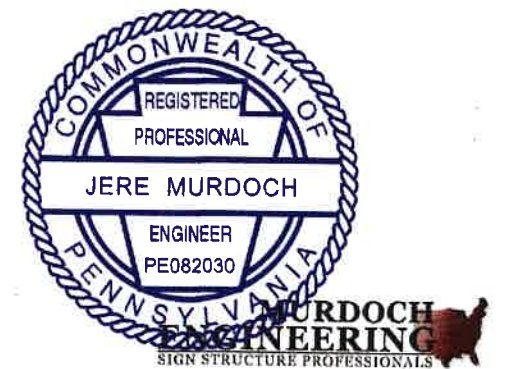
Steel Welding Notes:

- 1.) Welding shall be in accordance with AWS D1.1
- 2.) AWS certification required for all structural welders
- 3.) E70XX electrodes for SMAW processes
- 4.) F7X-EXXX electrodes for SAW processes

Aluminum Welding Notes:

- 1.) Welding shall be in accordance with AWS D1.2
- 2.) Aluminum alloy filler 4043 shall be used in all structural welds
- 3.) Fillet weld size shall not exceed thinnest member thickness of joined sections.
- 4.) Welding process GMAW or GTAW shall be in accordance with AWS D1.2

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MANASQUAN, NJ 08736

(973) 570-8215 x0

Date: 2021.11.08

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Jere
Murdoch, Pe

Jere Murdoch, PE

Professional Engineer

PA PE Lic. #PE082030

11/8/2021