

DESIGN CRITERIA:

1. These plans have been prepared in accordance with the Florida Building Code 8th edition (2023) and ASCE 7-22.
2. Design conditions are as listed in the calculations in these plans.
3. **This design is limited to the sizing of the structural members attaching the sign to the building. Sign cabinets and other attachments are engineered by others.**
4. The fastener sizes shown in these plans are design minimums. The fastener size may be increased if and only if all other parameters of the fastener remains the same.
5. NO changes, alterations, or deviations from these plans are authorized in any way without written approval from the engineer-of-record. Written approval must contain the signature and raised seal of the engineer-of-record. The engineer-of-record shall be held harmless from any and all damages that arise from unauthorized modifications to this design.

CONTRACTOR RESPONSIBILITIES:

1. The contractor is responsible to obtain all federal, state, and local permits in relation to this design prior to starting work.
2. Maintain safe working practices and distances to all overhead utilities.
3. The contractor shall find and maintain all required height and area limitations as required by state and local codes and ordinances (zoning).

ASCE 7-22 CALCULATIONS

Ultimate Wind Speed	125 mph
Structural Category	II
Exposure Category	B
Adjustment Factor	1.00
Importance Factor	1.00
End Zone Width	5.00 ft
Topographic Factor	1.00

C&C WIND PRESSURES

Location	Pressure (psf)	
	Positive	Negative
Zone 4	14	-16
Zone 5	14	-18

PROJECT INFORMATION

Project Name		Project Location	
Equipment Share Wall Sign		2937 US Highway 90 Lake City, FL	
Project No.	2025232	Client	
Drawn By	MS		
Checked By	MWS	Vintage Sign & Light	
Plot Date	7/29/2025	Sheet	1 of 1

Facelit
Channel Letters and Logo

Internal
illumination

UL approve raceway

Wiring to illumination

Min 2 each Ø 3/8" bolts with
1-1/2" washer @ max 32" o.c.
- Min total 10 bolts into raceway
for top text.
- Min total 6 bolts into raceway
for bottom text.
- Min total 4 bolts into raceway
for logo.

Power Source

Metal Framing

Metal Siding

Letters and Logo
are factory installed
and fastened to raceway
with 3/4" #10 sheet metal
screws with 5/16" hex heads
Minimum 6 screws per letter

1" Aluminum
Composite
Material
Back

1" Aluminum extruded raceway

Letters
and Logo
attachment
detail



B

Wall Mount Section

Scale: NTS

Channel
Letters

3'5.5"



Equipment
Share®

5'9"

A

Sign Elevation

Scale: NTS

Project Location:

2937 US Highway 90

Lake City FL

Project Description

Wall Sign Design

170"x41.5" Equipment Share

Vintage Sign & Light

July 29, 2025

LANDMARK
ENGINEERING &
LAND PLANNING

7604 W Fairfield Dr

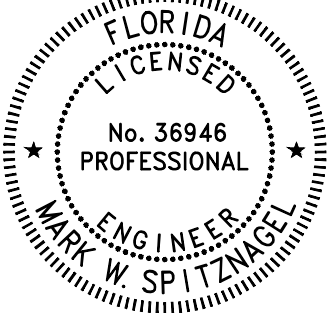
Pensacola, FL 32506

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Fax # (850) 497-9353

FLPE 36946 - ALPE 21755
FLCA 7378 - ALCA 2977

This item has been Digitally
signed and sealed by Mark W
Spitznagel, PE on July 29,
2025. Printed copies of this
document are not considered
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signature must be verified on
any electronic copies.



Revisions

Date

Drawn By:

MS

Project #

2025232

Sheet

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