

\*PYLON SIGN AREA IS GEOMETRICAL AREA OF OVAL SIGN +  
RECTANGULAR AREA OF EMC -SEE ARTWORK

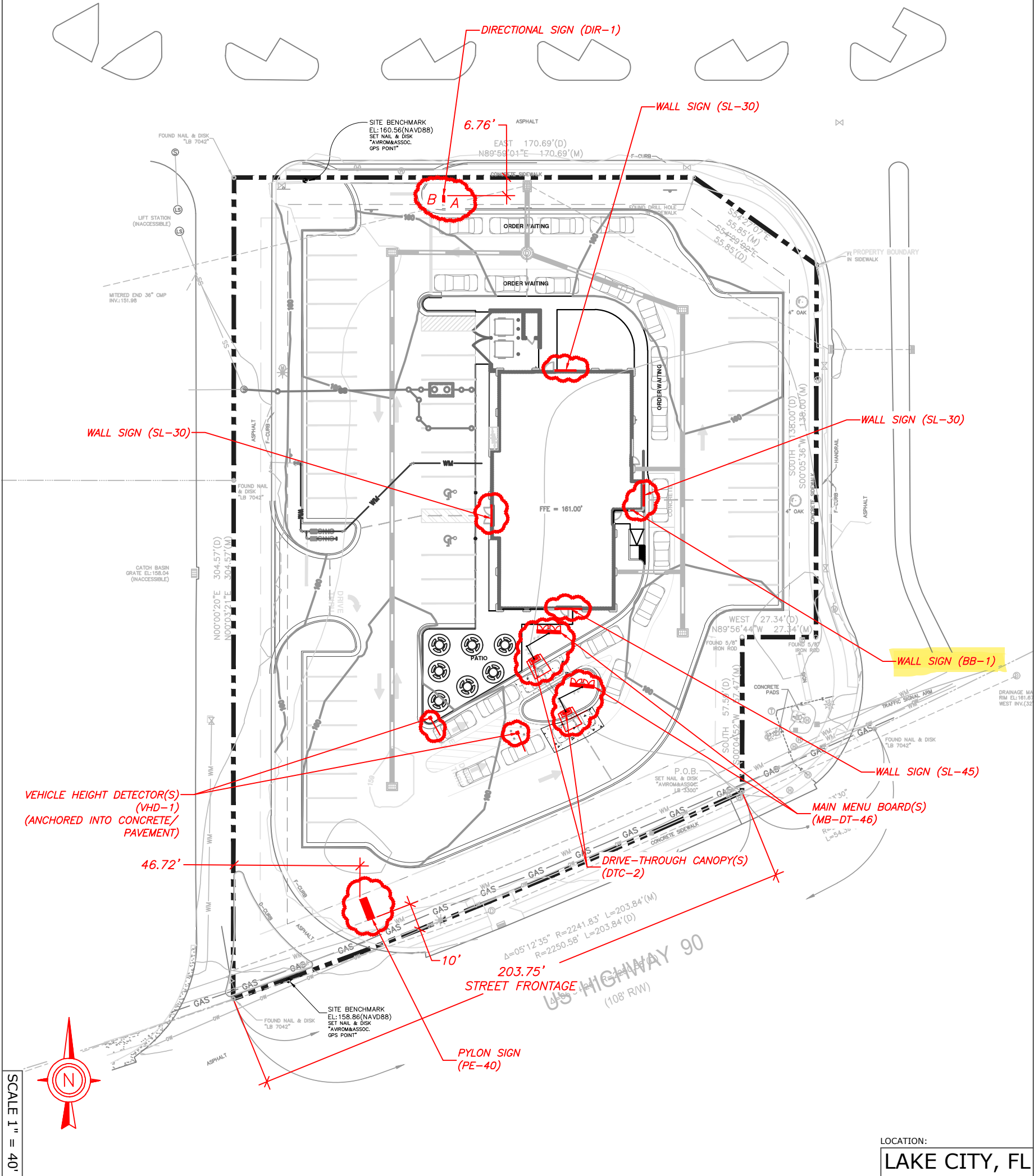
| PYLON SIGN AREA CALCULATIONS   |                                                      |             |
|--------------------------------|------------------------------------------------------|-------------|
| SIGN                           | SIZE (APPROX.)                                       | *AREA       |
| PE-40                          | (8'-3" (W) x 5'-0" (H)) +<br>(6'-3" (W) x 2'-5" (H)) | *47.50 S.F. |
| PYLON SIGN TOTAL = *47.50 S.F. |                                                      |             |

| MENU BOARD AREA CALCULATIONS  |                                |            |
|-------------------------------|--------------------------------|------------|
| SIGN                          | SIZE (APPROX.)                 | AREA       |
| MB-DT-46                      | 8'-10 1/4" (W) x 5'-2 3/4" (H) | 46.30 S.F. |
| MB-DT-46                      | 8'-10 1/4" (W) x 5'-2 3/4" (H) | 46.30 S.F. |
| MENU BOARD TOTAL = 92.60 S.F. |                                |            |

| WALL SIGN AREA CALCULATIONS   |                                |            |
|-------------------------------|--------------------------------|------------|
| SIGN                          | SIZE (APPROX.)                 | AREA       |
| SL-45                         | 10'-0" (W) x 4'-8" (H)         | 46.67 S.F. |
| SL-30                         | 7'-10 1/2" (W) x 3'-8 3/8" (H) | 29.12 S.F. |
| SL-30                         | 7'-10 1/2" (W) x 3'-8 3/8" (H) | 29.12 S.F. |
| SL-30                         | 7'-10 1/2" (W) x 3'-8 3/8" (H) | 29.12 S.F. |
| BB-3                          | 17.665" (W) x 27.875" (H)      | 3.42 S.F.  |
| WALL SIGN TOTAL = 137.45 S.F. |                                |            |

| DIRECTIONAL SIGN AREA CALCULATIONS |                               |           |
|------------------------------------|-------------------------------|-----------|
| SIGN                               | SIZE (APPROX.)                | AREA      |
| DIR-1                              | 2'-3 7/8" (W) x 1'-4 3/4" (H) | 3.24 S.F. |
| DIRECTIONAL SIGN TOTAL = 3.24 S.F. |                               |           |

OVERALL SIGN AREA TOTAL= 280.79 S.F.



Project No.: 35883  
Drawn By: DEN  
Reviewed By: MW  
Date: 7-06-22

Sheet Number:  
**1 OF 1**

CULVER FRANCHISING SYSTEM, INC.  
NEW CULVER'S-SIGNAGE  
394 NW COMMONS LOOP  
LAKE CITY, FL 32055  
SIGN PLACEMENT PLAN

Client:  
Culver Franchising System, Inc.  
540 Water Street  
Prairie du Sac, WI 53578  
p (608) 643-7980

SPRINGFIELD SIGN  
4825 E. Kearney St.  
Springfield, MO 65803  
(417) 862-2454

# ELEVATION WALL SIGNS

LAKE CITY, FL

## SL-45 & SL-30 Illuminated White Script Channel Letters

### SL-SERIES

Channel letter construction

One piece (saddle capped sections)

LED internal illumination

Typical application for new construction

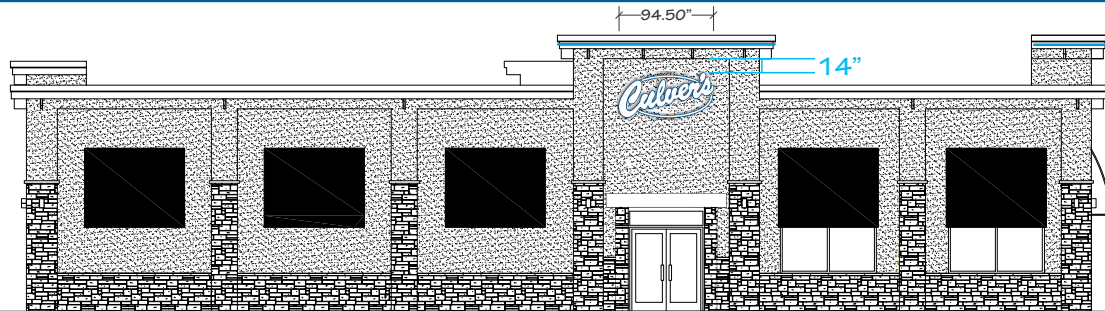
Embedded power supplies

UL marked product

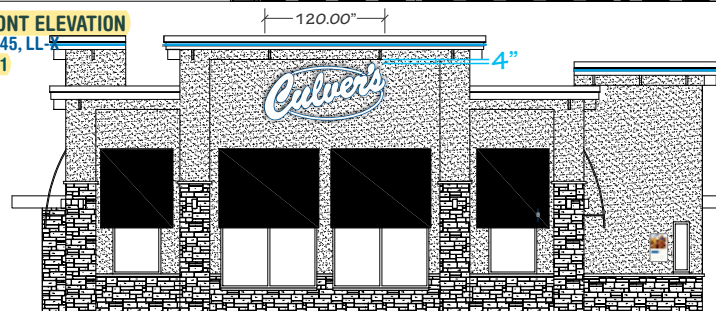
No install pattern needed, level line scribed in back of sign

*Culver's*

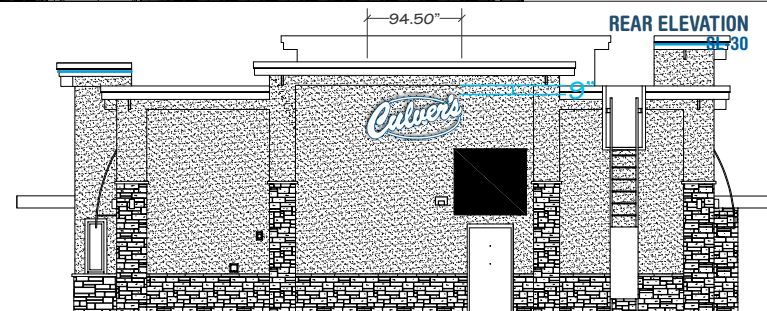
MAIN ELEVATION  
SL-30, LL-X



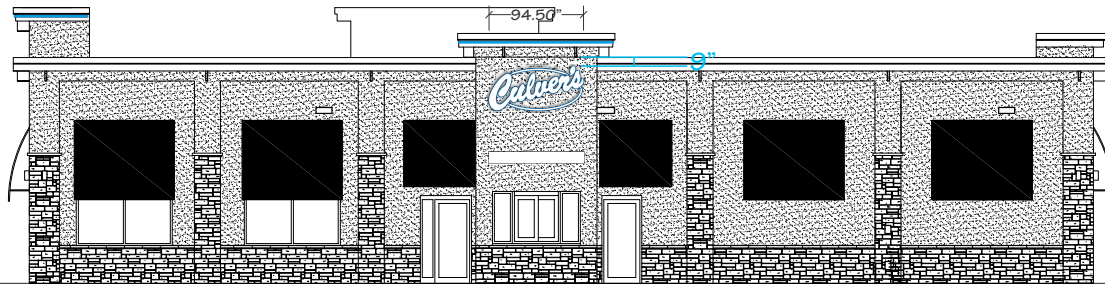
FRONT ELEVATION  
SL-45, LL-X  
BB-1



REAR ELEVATION  
SL-30



DRIVE THRU ELEVATION  
SL-30, LL-X,



SCALE: 1/16" = 1'

\*SCALE AND COLORS NOT REPRESENTATIVE FROM EMAIL ATTACHMENTS  
\*ALL MEASUREMENTS ARE APPROXIMATE

#### SIGN SQUARE FOOTAGE

MAIN ELEVATION: QTY-1 SL-30 (44.37" X 94.50") = 29.12 SF  
FRONT ELEVATION: QTY-1 SL-45 (56.00" X 120.00") = 46.67 SF  
REAR ELEVATION: QTY-1 SL-30 (44.37" X 94.50") = 29.12 SF  
DRIVE THRU ELEVATION: QTY-1 SL-30 (44.37" X 94.50") = 29.12 SF  
FRONT ELEVATION: QTY-1 BB-1 (17.67" X 27.88") = 3.42 SF

#### NOTES

LL-X LED accent strip lighting typical placements:  
MAIN: (2) places - FRONT: (3) Places - REAR: 2,  
DRIVE THRU: (2) places  
BB-1 typical Drive-Thru placement: DRIVE THRU



MFG: T.B.D.  
STYLE: T.B.D.  
COLOR: T.B.D.



MFG: T.B.D.  
STYLE: T.B.D.  
COLOR: T.B.D.

#### DATE CREATED / REVISION HISTORY

2/23/22 - NEW

4/8/22 - Permitting

SALES PERSON:  
MARK WESSELL

DESIGNED BY:  
J KROEGER

A0:  
35883

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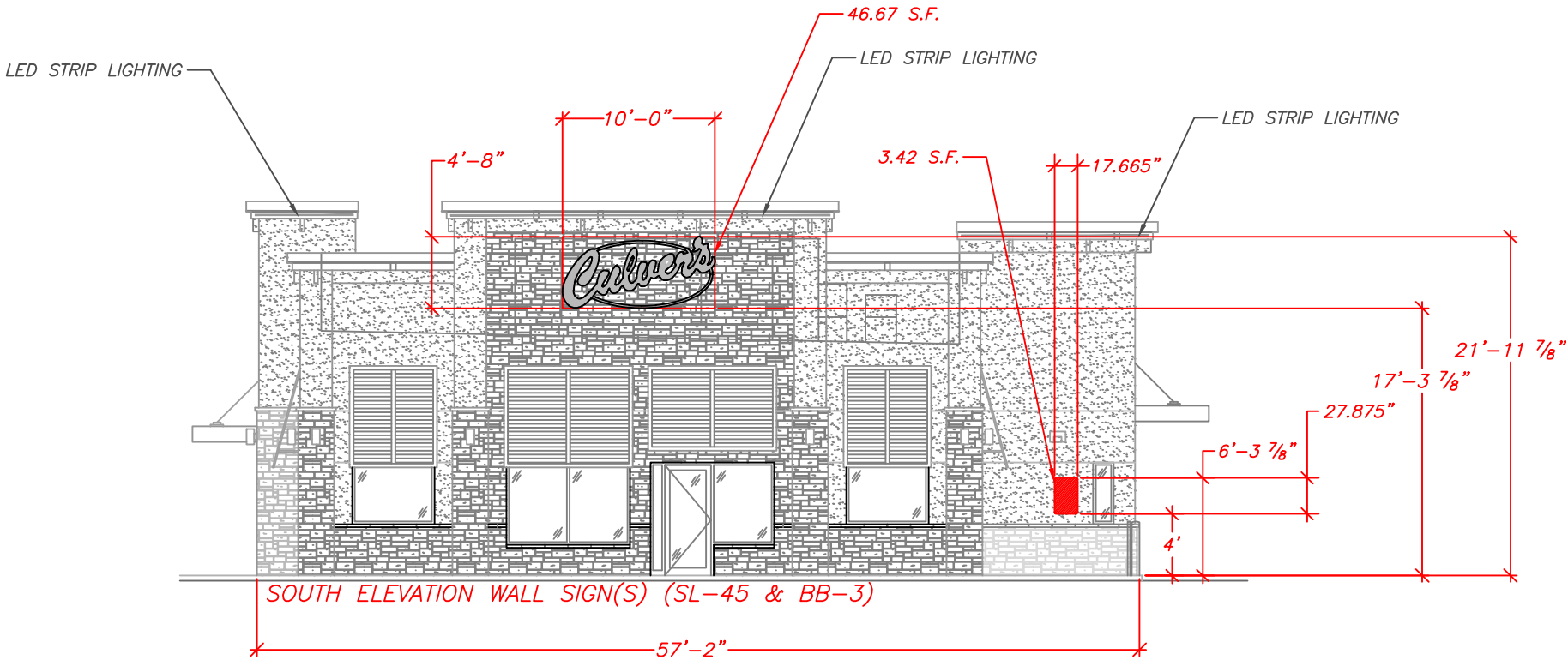
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This is an artistic rendition and final colors / sizes may vary from that depicted herein.



SPRINGFIELD SIGN

www.springfieldsign.com



SCALE  $\frac{3}{32}" = 1"$

LOCATION:  
LAKE CITY, FL

SPRINGFIELD SIGN

4825 E. Kearney St.  
Springfield, MO 65803  
(417) 862-2454

Client:

Culver Franchising System, Inc.  
540 Water Street  
Prairie du Sac, WI 53578  
p (608) 643-7980

CULVER FRANCHISING SYSTEM, INC.  
NEW CULVER'S-SIGNAGE  
ELEVATIONS SHOWING PROPOSED  
WALL SIGNS

Project No.: 35883  
Drawn By: DEN  
Reviewed By: MW  
Date: 7-06-22

Sheet Number:

2 OF 2

# BB-1 BUTTERBURGER PANEL

LAKE CITY, FL

## ButterBurger Outdoor Panel Wall Sign

### BB-1

All aluminum 0.080" thick panel -  
backside is blank (white)

Baked on aluminum white enamel  
finish

Digital print overlay with  
overlamine

Rounded corners are to be 1.25"  
radius

Sign is to be mounted at 50 degree  
angle (set by flange)

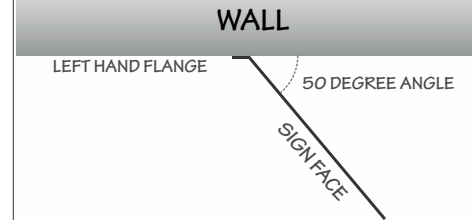


\* Determined by physical address numbers

SCALE: 1-1/2" = 1'

\*SCALE AND COLORS NOT REPRESENTATIVE FROM EMAIL ATTACHMENTS  
\*ALL MEASUREMENTS ARE APPROXIMATE

### TYPICAL INSTALLATION - TOP VIEW



SCALE: N.T.S

### HOLE PATTERN

HOLES ARE .250" DIAMETER  
.737" IN FROM SIDE & 1.488" IN FROM TOP & BOTTOM  
TAB IS TO BE BENT 50 DEGREES UP AT LINE

### NOTES

| SALES PERSON: | DESIGNED BY: | A0:   |
|---------------|--------------|-------|
| MARK WESSELL  | J KROEGER    | 35883 |

| DATE CREATED / REVISION HISTORY |  |
|---------------------------------|--|
| 2/23/22 - NEW                   |  |
| 4/8/22 - Permitting             |  |
|                                 |  |
|                                 |  |
|                                 |  |
|                                 |  |

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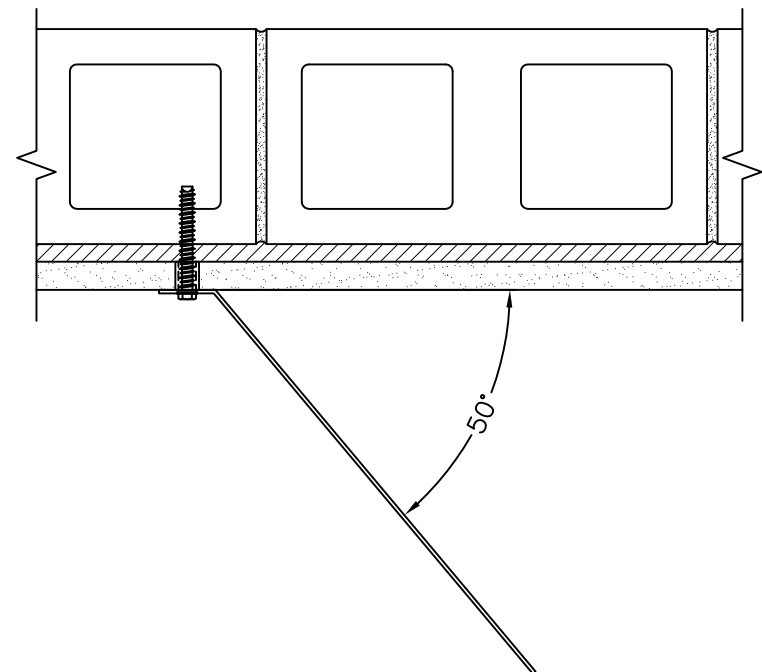
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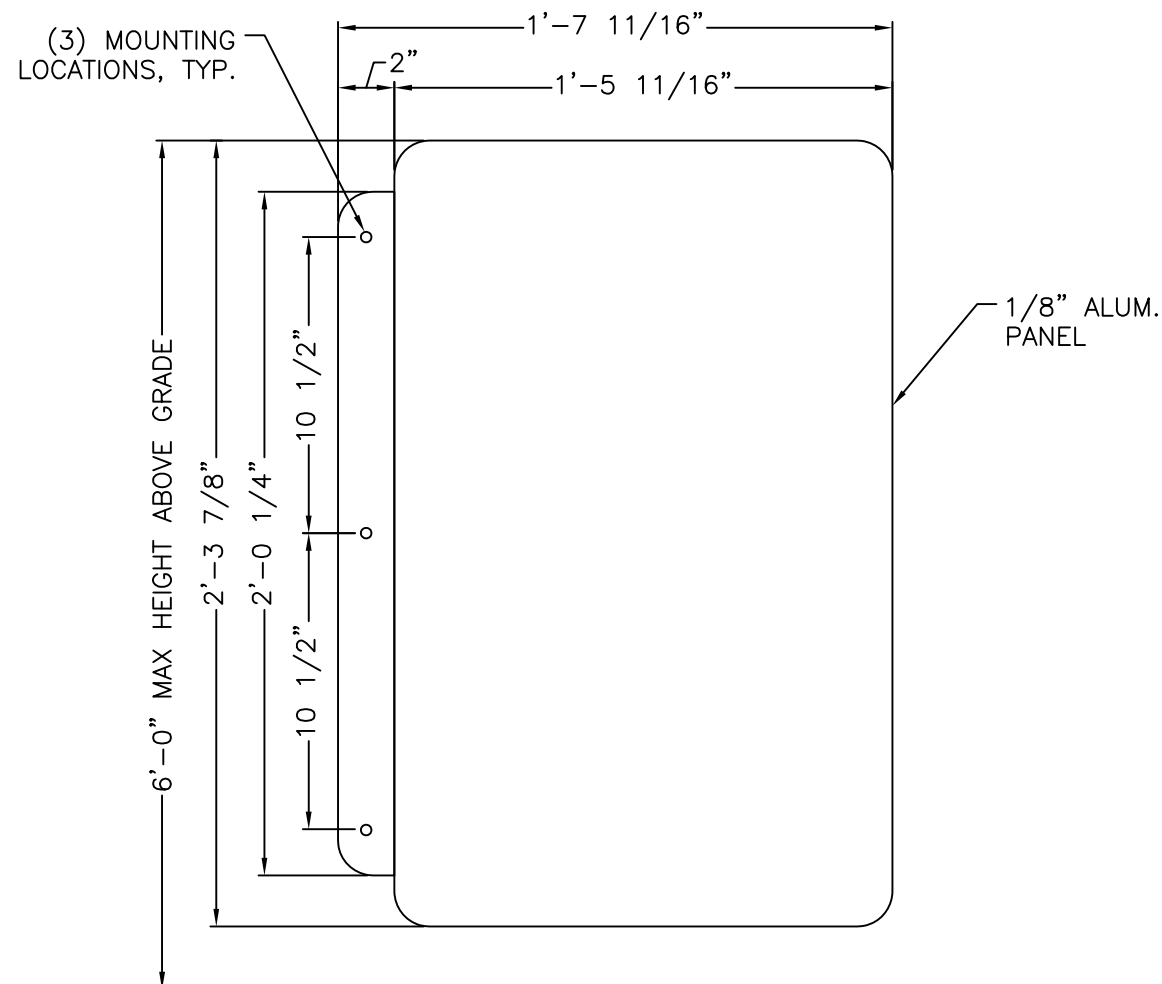


SPRINGFIELD SIGN

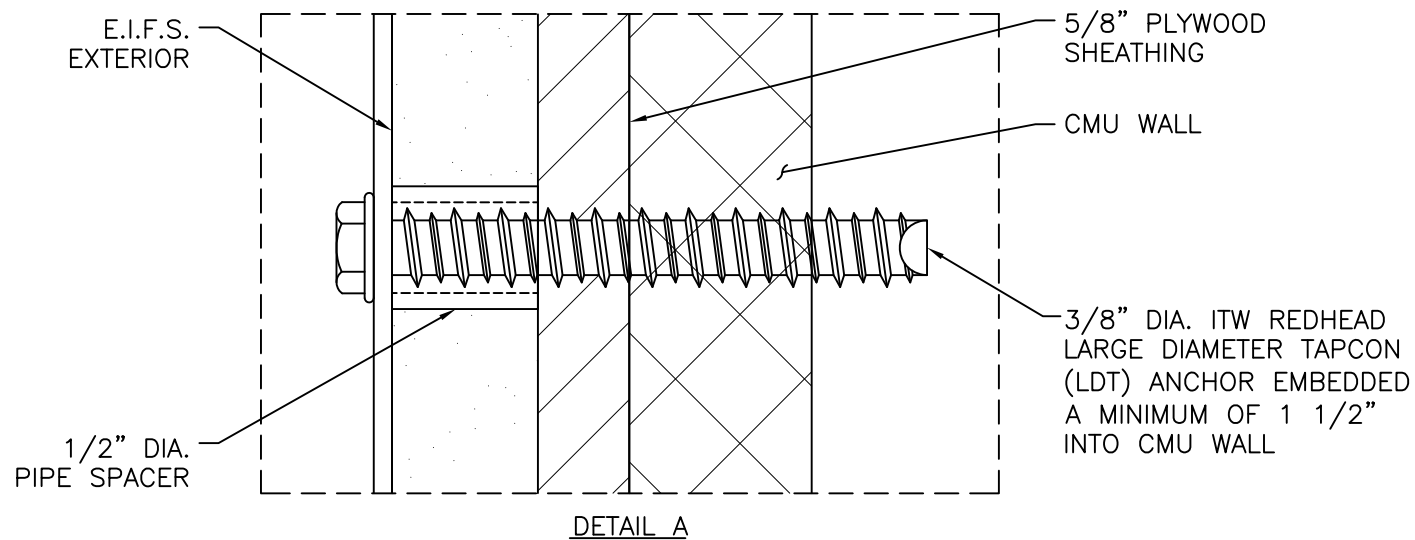
www.springfieldsign.com



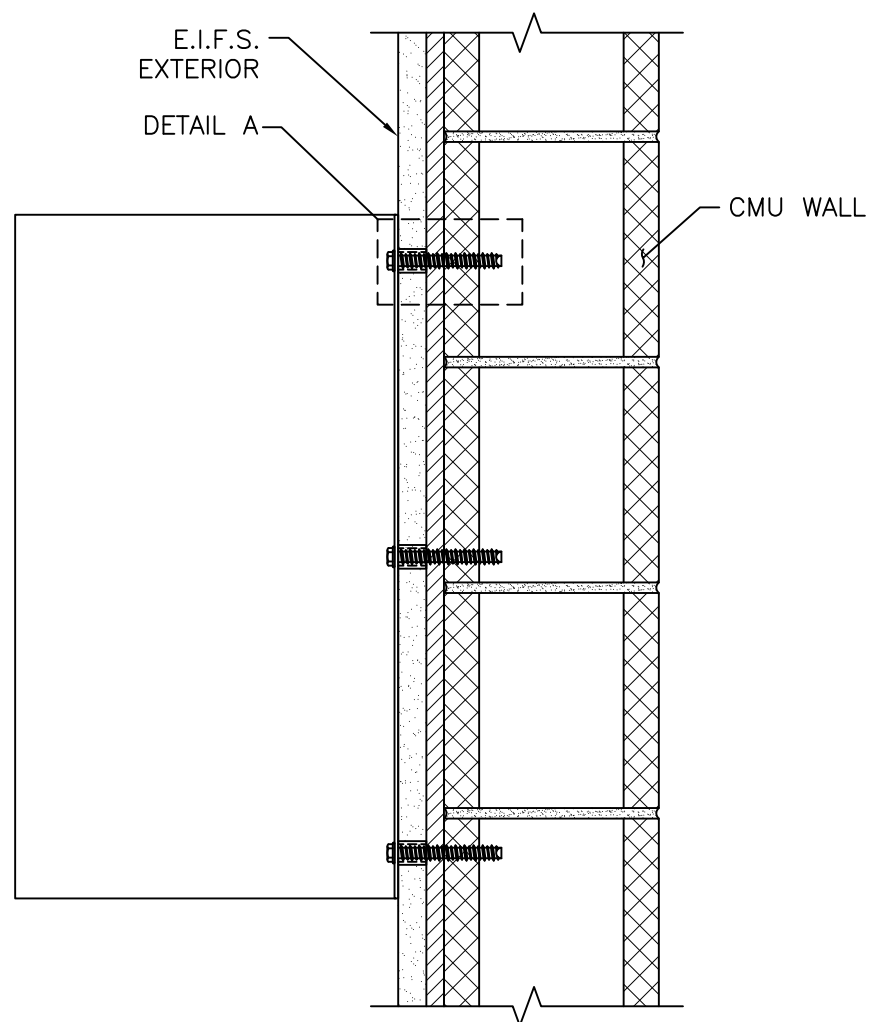
PLAN VIEW



ELEVATION AND MOUNTING LOCATIONS



REDHEAD ANCHOR SYSTEM TO BE INSTALLED  
IN STRICT ACCORDANCE WITH MANUFACTURERS  
SPECIFICATIONS AND RECOMMENDATIONS.



TYPICAL SECTION

INSTALLATION ADDRESS:

CULVER'S  
394 N.W. COMMONS LOOP  
LAKE CITY, FL 32055

CLIENT:

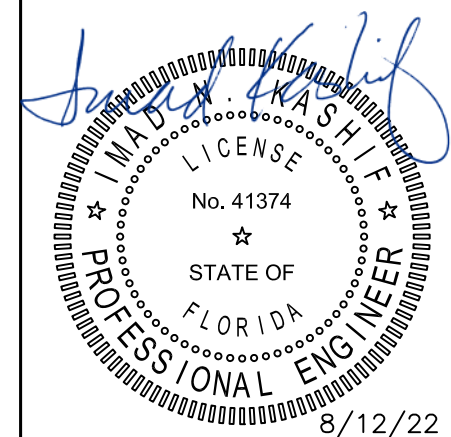
**SPRINGFIELD SIGN**  
4825 EAST KEARNEY STREET  
SPRINGFIELD, MO 65803  
417.862.2454 - FAX: 417.862.1887

| REV | DATE  | DESCRIPTION |
|-----|-------|-------------|
| △   | -/-/- | -----       |
| △   | -/-/- | -----       |
| △   | -/-/- | -----       |

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IMAD N. KASHIF, P.E.  
FLORIDA STATE LICENSE NO.: 41374

SEAL & SIGNATURE:



**LINK Engineering, L.L.C.**  
135 South David Lane • Knoxville, Tennessee 37922  
Phone: (865) 539-4001 • www.linkengr.com  
Florida State Certificate of Authorization No.: 27148

|                              |         |                             |            |
|------------------------------|---------|-----------------------------|------------|
| Project Number:<br>22-0282R3 |         | Drawing Number:<br>B186704R |            |
| SHT.<br>1                    | OF<br>2 | DATE:<br>8/12/22            | BY:<br>GHK |

|                                                   |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
|---------------------------------------------------|----------|------------------------------------------------------------------------|---------------------------|--------------------------------|----------|----------|--------------|-----------|----------|---------|-------|
| Calculations for Drawing B186704                  |          |                                                                        |                           | BB-1 Blade Sign                |          |          |              | 22-0282R  |          |         |       |
| Florida Building Code, 7th Edition (2020)         |          |                                                                        |                           | Cat II                         |          |          |              | 7/14/2022 |          |         |       |
| 120 MPH                                           | Exp C    | Zone 5                                                                 | 6'-0" maximum above grade |                                |          |          | SR           |           |          |         |       |
| Treated as Components & Cladding                  |          |                                                                        |                           | P = -18.42 PSF                 |          |          |              |           |          |         |       |
| Estimate weight at 1.5 psf                        |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Region                                            | Area     | Area                                                                   | Est Wt                    | Wind                           | Fastener | Top Row  | Fastener Row | Moment    | Max      | Average | Avg   |
|                                                   | in^2     | ft^2                                                                   | lb                        | Load                           | Qty      | Fastener | Spacing      | Arm       | Tension  | Shear   | Ten   |
| Blade Sign                                        | 526.775  | 3.658                                                                  | 5.49                      | -67.40                         | 3        | 1        | 21.000       | 6.375     | 114.5251 | 1.8     | 22.47 |
|                                                   |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Maximum Fastener Tension =                        |          |                                                                        | 114.5                     | LB                             |          |          |              |           |          |         |       |
| Maximum Fastener Shear =                          |          |                                                                        | 1.8                       | LB                             |          |          |              |           |          |         |       |
|                                                   |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Wall Signage - Treated as Components & Cladding   |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Wind Speed                                        | 120      | mph                                                                    |                           | From ASCE 7-16, Figure 26.5-1B |          |          |              |           |          |         |       |
| Exposure                                          | C        |                                                                        |                           | Zg = 900                       |          |          |              |           |          |         |       |
| Zone                                              | 5        |                                                                        |                           | Alpha = 9.5                    |          |          |              |           |          |         |       |
| Height                                            | 6        | Ft                                                                     |                           |                                |          |          |              |           |          |         |       |
| Sign Area                                         | <10      | Ft^2                                                                   |                           |                                |          |          |              |           |          |         |       |
|                                                   |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Determine wind pressure from ASCE 7-16 Chapter 30 |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Chapter 30: Wind Loads - Components & Cladding    |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| p = q* (GCp - Gcpi)                               |          |                                                                        |                           | (eq. 30.3-1 or 30.5-1)         |          |          |              |           |          |         |       |
| q - 0.00256 * Kz * Kzt * Kd * Ke * V^2            |          |                                                                        |                           | (eq. 26.10-1)                  |          |          |              |           |          |         |       |
| Kz =                                              | 0.70     |                                                                        |                           | (Table 26.10-1)                |          |          |              |           |          |         |       |
| Kd =                                              | 0.85     |                                                                        |                           | (Table 26.6-1)                 |          |          |              |           |          |         |       |
| Kzt =                                             | 1        |                                                                        |                           | (Section 26.8)                 |          |          |              |           |          |         |       |
| V =                                               | 120      |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Ke =                                              | 1        |                                                                        |                           |                                |          |          |              |           |          |         |       |
| q =                                               | 21.93274 |                                                                        |                           |                                |          |          |              |           |          |         |       |
| GCp =                                             | -1.4     | (From Figure 30.4-1 for h<= 60 ft and from Figure 30.6-1 for h> 60 ft) |                           |                                |          |          |              |           |          |         |       |
| GCp =                                             | +1.0     |                                                                        |                           |                                |          |          |              |           |          |         |       |
| p = -30.71 psf                                    |          |                                                                        |                           |                                |          |          |              |           |          |         |       |
| Load Combination:                                 |          |                                                                        | D + 0.6W                  | (Section 2.4.1)                |          |          |              |           |          |         |       |
| Design Wind Pressure = 0.6W =                     |          |                                                                        | -18.42 psf                |                                |          |          |              |           |          |         |       |
| Design Wind Pressure = 0.6W =                     |          |                                                                        | 13.16 psf                 |                                |          |          |              |           |          |         |       |

General Notes:

- Design is based on a 120 mph, 3 second gust wind design per Florida Building Code, 7th Edition (2020). Category II, Exposure C. Components and Cladding, Zone 5.
- No additional wind catching surfaces are added to the supporting structure. The customer's building engineer is to determine the adequacy of the supporting wall.
- Sign design is by others.  
Electrical design is by others.
- All fasteners shall be zinc coated to prevent corrosion.
- All penetrations shall be sealed to prevent water intrusion.
- Wall construction is depicted as reported by client. Should field conditions differ from what is shown on this drawing, cease all work and contact SPRINGFIELD SIGN & NEON immediately for direction. The scope of this engineer does not include onsite observations.
- LINK Engineering will not be responsible for the safety on this job site before, during or after installation of this structure. It is the responsibility of the owners, contractors and installers to ensure that the installation and erection of this structure is performed using methods that are in full compliance with OSHA regulations.
- Any deviation from this design or from any part of this drawing, including the General Notes, without prior written consent from LINK Engineering voids this drawing in its entirety.
- The structure designed on this drawing is intended to be installed at the address shown and should not be used at any other location.

INSTALLATION ADDRESS:

CULVER'S  
394 N.W. COMMONS LOOP  
LAKE CITY, FL 32055

CLIENT:

 **SPRINGFIELD SIGN**

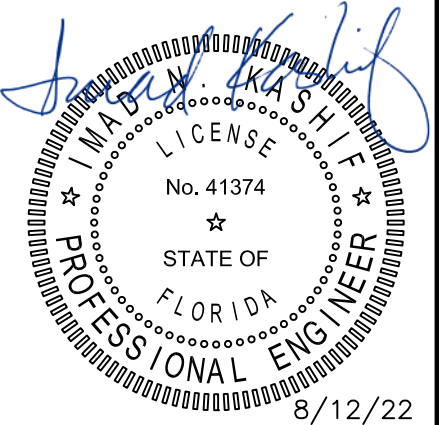
4825 EAST KEARNEY STREET  
SPRINGFIELD, MO 65803  
417.862.2454 - FAX: 417.862.1887

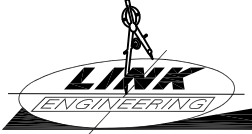
| REV | DATE  | DESCRIPTION |
|-----|-------|-------------|
| 1   | -/-/- | -----       |
| 2   | -/-/- | -----       |
| 3   | -/-/- | -----       |

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IMAD N. KASHIF, P.E.  
FLORIDA STATE LICENSE NO.: 41374

SEAL & SIGNATURE:





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135 South David Lane • Knoxville, Tennessee 37922  
Phone: (865) 539-4001 • www.linkengr.com  
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|                              |         |                             |            |
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| SHT.<br>2                    | OF<br>2 | DATE:<br>8/12/22            | BY:<br>GHK |