*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)) + (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 ¼"(W) x 5'–2 ¾"(H)	46.30 S.F.
MB–DT–46	8'–10 ¼"(W) x 5'–2 ¾"(H)	46.30 S.F.

MENU BOARD TOTAL = 92.60 S.F.

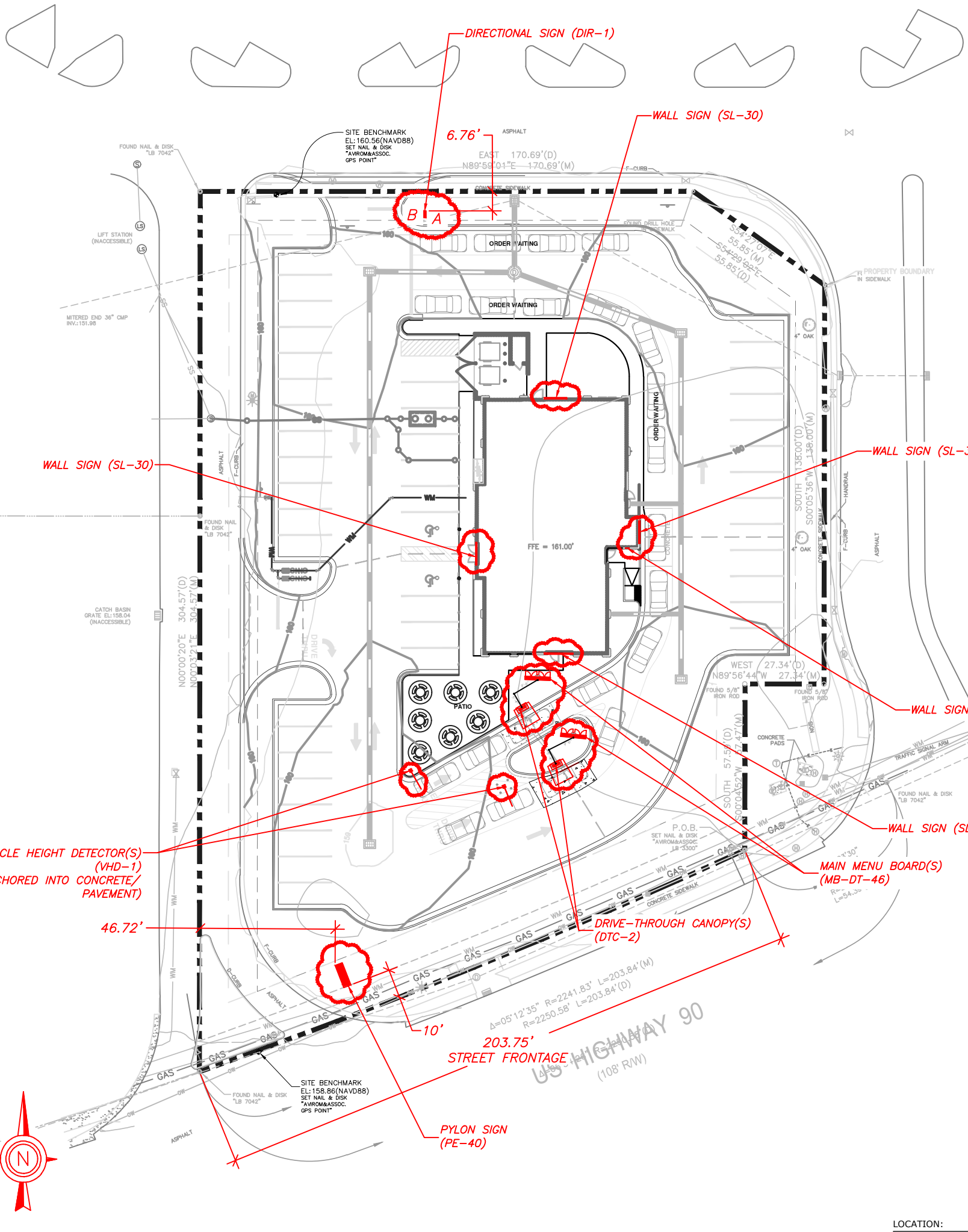
WALL SIGN AREA CALCULATIONS		
SIGN	SIZE (APPROX.)	AREA
SL–45	10'–0"(W) x 4'–8"(H)	46.67 S.F.
SL–30	7'–10 ½"(W) x 3'–8 ⅜"(H)	29.12 S.F.
SL–30	7'–10 ½"(W) x 3'–8 ⅜"(H)	29.12 S.F.
SL–30	7'–10 ½"(W) x 3'–8 ⅜"(H)	29.12 S.F.
BB–3	17.665"(W) x 27.875" (H)	3.42 S.F.

WALL SIGN TOTAL = 137.45 S.F.

DIRECTIONAL SIGN AREA CALCULATIONS		
SIGN	SIZE (APPROX.)	AREA
DIR–1	2'–3 ⅞"(W) x 1'–4 ¾"(H)	3.24 S.F.

DIRECTIONAL SIGN TOTAL = 3.24 S.F.

OVERALL SIGN AREA TOTAL= 280.79 S.F.



SCALE 1" = 40'

LOCATION:

LAKE CITY, FL

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

DIR DIRECTIONAL SIGNS

LAKE CITY, FL

Illuminated Directional Signs

DIR

- All aluminum construction
- LED internal illumination
- Totally self contained lighting
- Polycarbonate thermoformed faces
- Face removal for service
- Site plans show placement & field orientation
- UL marked product

DIRECTIONAL SIGN 1

DIR-D10-D12

SIDE: A SIDE: B

DIRECTIONAL SIGN 2

DIR-#-#

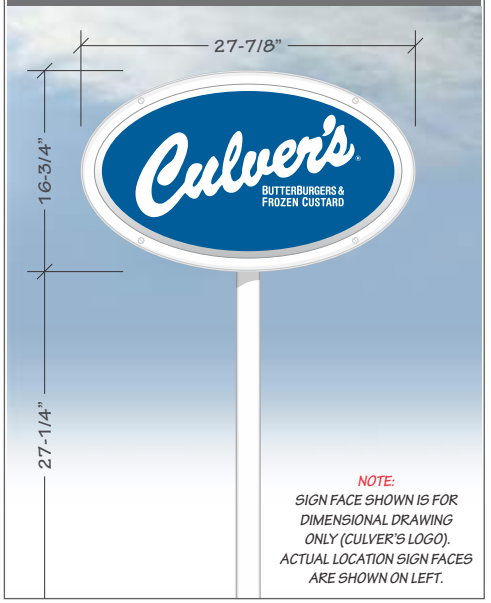
DIRECTIONAL SIGN 3

DIR-#-#

SCALE: 3/4" = 1'

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

SIGN CONCEPTUAL



NOTES

SQUARE FOOTAGE CALCULATIONS:
MATHEMATICAL: 2.55 SF
RECTANGULAR: 3.24 SF

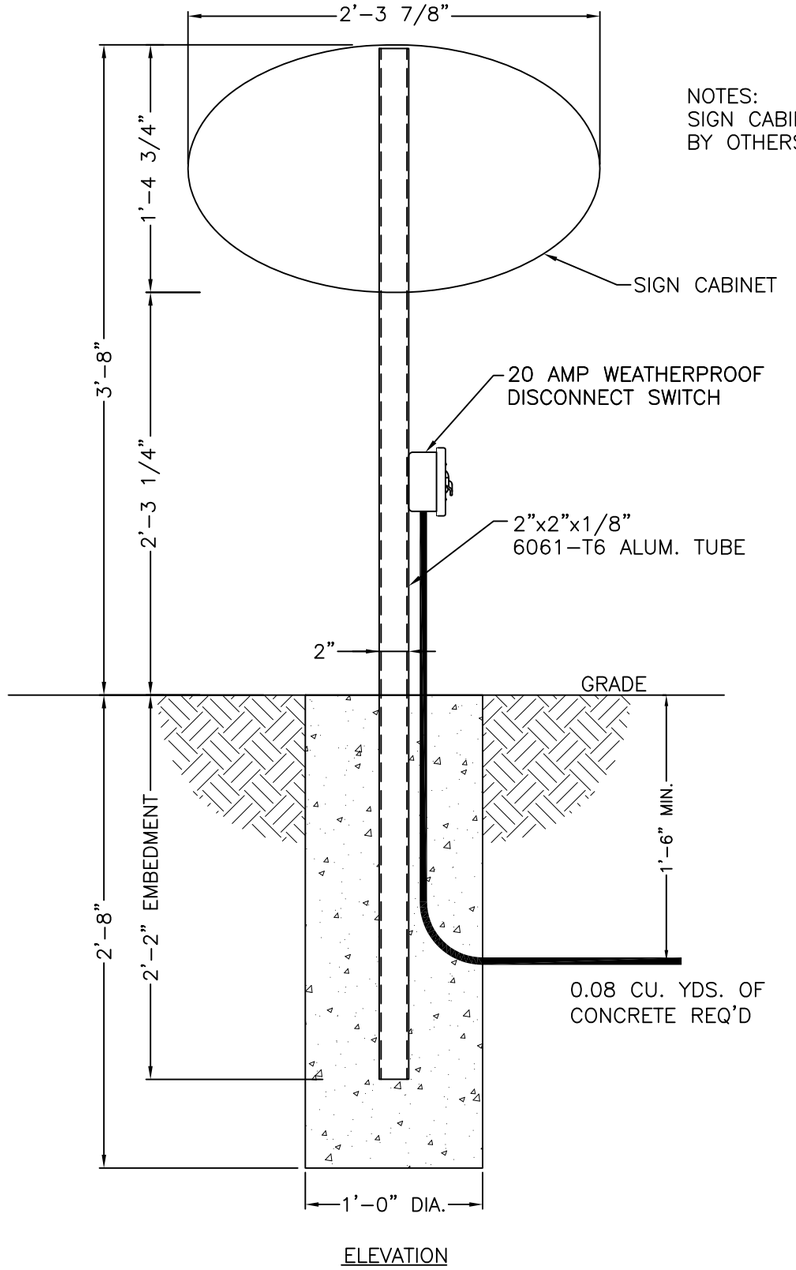
SALES PERSON:	DESIGNED BY:	AO:
MARK WESSELL	J KROEGER	35883

DATE CREATED / REVISION HISTORY

2/23/22 - NEW
4/8/22 - Permitting

LOW VOC ENVIRONMENTALLY RESPONSIBLE

SPRINGFIELDSIGN
www.springfieldsign.com



ELEVATION

NOTES:
SIGN CABINET DESIGN
BY OTHERS.

EMBEDDED ALUM. SHALL BE COATED WITH CARBOLINE BITUMASTIC 50 COAL TAR OR EQUAL PRIOR TO INSTALLATION.

General Notes:

1. Design is based on a 120 mph, 3 second gust wind design per Florida Building Code, 7th Edition (2020). Category II, Exposure C.
2. Caisson foundation is based on a presumptive safe lateral soil bearing pressure minimum of 150 psf per foot of depth. Isolated lateral bearing footings subject to short-term lateral loads and not adversely affected by a 1/2" motion at grade are permitted to be designed using twice the tabulated value of the corresponding soil class.
3. A soil report was not provided. Foundation analysis assumes Soil Classification 4. Allowable bearing pressure should be verified prior to placement of concrete. In the event that the stated requirements are not met and conditions appear deleterious, cease and secure excavation and immediately contact SPRINGFIELD SIGN & NEON.
4. Foundation shall not be placed at the top of, or on the side of a slope exceeding 3:1, or adjacent to a fill slope unless re-evaluated by a competent Professional Engineer. Do not place foundation in fill.
5. Concrete shall be mixed to attain a minimum 28 day compressive strength of 3000 psi.
6. All support members shall be free from defects. Aluminum tube shall be 6061-T6 alloy, channel shall be 6063-T6 and aluminum sheet 3003 H14.
7. Aluminum welds shall be made with 5356 filler by persons qualified in accordance with AWS standards within the past two years.
8. All fasteners shall be zinc coated to prevent corrosion.
9. The scope of this engineer does not include onsite observations.
10. 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.
11. 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.
12. The structure designed on this drawing is intended to be installed at the address shown and should not be used at any other location.

		PROJECT #	22-0282R			OWNER:	CULVER'S		
		July 14, 2022					255 N.W. COMMONS LOOP		
		DRAWING #	B186705				LAKE CITY, FL 32055		
		WIND LOAD	23.96	PSF					
		WIND SPEED	120	MPH		CLIENT:	BLAIR SIGN COMPANY		
		# COLUMNS	1	FLORIDA BUILDING CODE			5107 KISSELL AVENUE		
		DESIGNER	SR	7th Ed. (2020)			ALTOONA, PA		
					SHAPE	CENTROID		TOTAL	
	ITEM	HEIGHT	WIDTH		FACTOR	HEIGHT	AREA	FORCE	MOMENT
	CABINET	1.396	2.323		0.785	0.698	2.547	0.061	0.043
	COLUMN	2.271	0.167		1.111	1.135	0.421	0.071	0.193
	OAH	3.667							
		COLUMN CALCULATIONS		(CODES P=PIPE;O=OTHER;T=TUBE)					
							DESIGN		AVAILABLE
	ITEM	COLUMN WIDTH	COLUMN DEPTH		COLUMN WALL	Ixx COLUMN	MODULUS COLUMN	REQUIRED MOMENT	FLEXURAL STRENGTH	UNITY
=										
T	CABINET	2.000	2.000		0.125	0.552	0.552	0.043	0.897	0.047
T	COLUMN	2.000	2.000		0.125	0.552	0.552	0.193	0.897	0.215
	CAISSON									
	MOMENT						0.193	FT-KIP		
	FORCE						0.071	KIP		
	REFERENCE IBC 1807.3.2 & TABLE 1806.2									
	ASSUME SOIL CLASS #4 SW, SP, SM, SC, GM & GC									
	LATERAL BEARING PRESSURE - PSF/FT OF DEPTH						150.0	PSF/FT		
	S1						266.7			
	DEPTH						2.667	FT.		
	DIAMETER						1.000	FT.		
							2.709	FT.		
							0.624	FT.		
	CALCULATED DEPTH						1.705	FT.		
	MINIMUM THICKNESS WITHOUT REINFORCEMENT						7.971	IN.		
	ACTUAL DIAMETER						12.000	IN.		
	CONCRETE						0.078	CU. YD.		

INSTALLATION ADDRESS:

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

CLIENT:

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

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

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

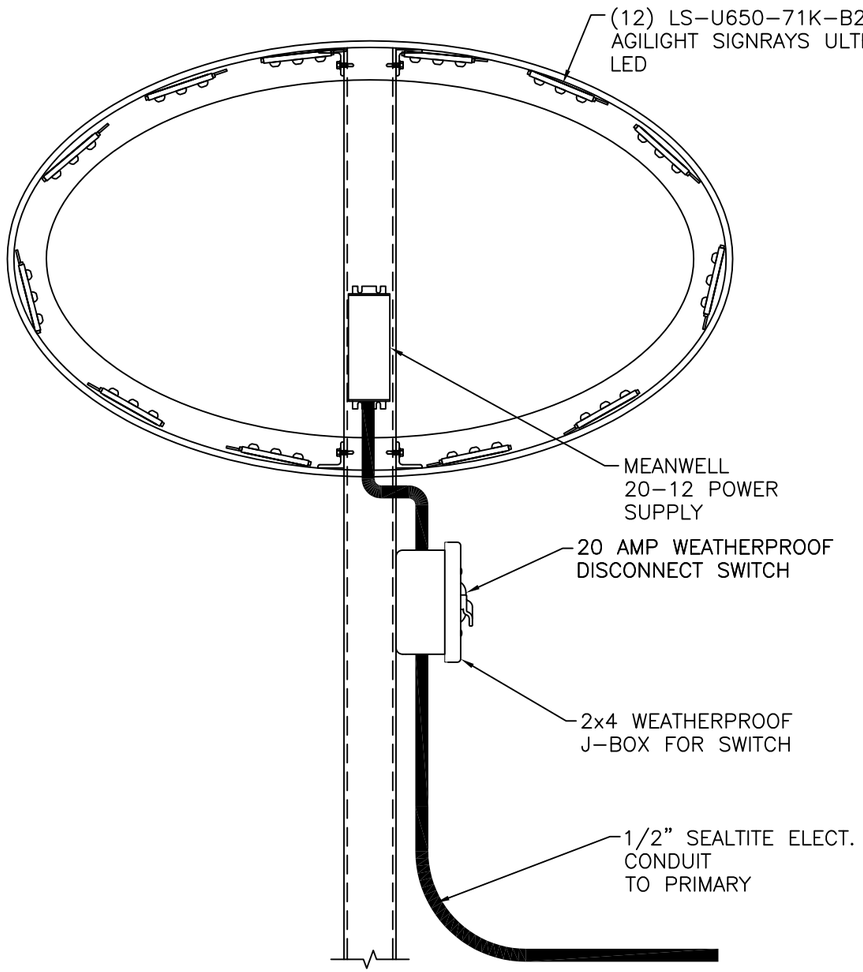
SEAL & SIGNATURE:

IMAD N. KASHIF LICENSE No. 41374 STATE OF FLORIDA PROFESSIONAL ENGINEER
8/12/22

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:	Drawing Number:
22-0282R3	B186705R2

SHT.	OF	DATE:	BY:
1	2	8/12/22	GHK



ELECTRICAL ELEVATION

ELECTRICAL NOTES:

1. ALL ELECTRICAL COMPONENTS ARE UL LISTED AND APPROVED
2. SIGN GROUNDED ACCORDING TO NEC 600.7
3. SIGNS MANUFACTURED AND LISTED NEC 600.3 AND MARKED PER NEC 600.4
4. ALL BRANCH CIRCUITS PER NEC 600.5(B).1 OR (B).2
5. ALL SIGNS SHALL BE CONTROLLED BY PHOTOCELL OR TIME CLOCK
6. ONE VISIBLE 20 AMP DISCONNECT PER SIGN PER CIRCUIT PER NEC 600.6(A).1
7. ALL CLASS 2 RATED LED MODULES AND LED POWER SUPPLIES WILL BE IN COMPLIANCE WITH NATIONALLY RECOGNIZED TEST LABORATORY

ELECTRICAL REQUIREMENTS:
LEDs: (12) AGILIGHT SIGNRAYS ULTRA LED
#LS-U650-71K-B200-A
POWER SUPPLY: (1) MEANWELL POWER SUPPLY
#MDR-20-12 @ 0.55A
TOTAL LOAD: .55A @ 120VAC
CIRCUITS: (1) 20 AMP REQUIRED

PHOTOCELL, OR ASTRONOMICAL TIMER LIGHT CONTROL MANAGEMENT SYSTEM IS REQUIRED

INSTALLATION ADDRESS:

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

CLIENT:

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

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

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

SEAL & SIGNATURE:

IMAD N. KASHIF
LICENSE
No. 41374
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
8/12/22

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:	Drawing Number:		
22-0282R3	B186705R2		
SHT.	**OF**	**DATE:**	**BY:**
2	2	8/12/22	GHK