



BALTIMORE COUNTY
DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS
111 WEST CHESAPEAKE AVENUE
TOWSON, MD 21204
410-887-3391

SIGN USE PERMIT

01-2018-0043-81

B

A 771363

The applicant is authorized to affirm that there are no current violations at this site pursuant to Section 112.7 BCC

Initials JTB

Permit Fees are Non-Refundable; Make Check Payable to "Baltimore County, Maryland"

PROPERTY ADDRESS 8867 Belair Rd ZIP CODE 21236
BUSINESS NAME CHICK-FIL-A ZONING BM
OWNER'S NAME W ARC PH CENTRE owner PHONE NO. _____ HISTORIC DISTRICT ☐ Yes ☒ No
MAILING ADDRESS 900 North Michigan Ave Ste 1900 Chicago IL 60611
APPLICANT/OWNER'S AGENT Jen Bass Bohler Engineering PHONE NO. 4108217900
SIGN COMPANY NAME UNI Structures PHONE NO. 478-974-1757
TYPE OF SIGN: ☐ Window Sign TAX ACCOUNT NO. 22 / 000 / 13106

☐ Temporary- Including Real Estate/Construction/Event Temporary Signs in the Last Year: ☐ Yes ☒ No

☒ Permanent ☒ Changeable Copy ☐ Wall ☐ Face Change Only ☐ Non-Illuminated

☐ Freestanding ☐ Pylon ☐ Monument ☐ Illuminated (separate electrical permit required)

Size: 4.177 feet x 7.031 feet = 29.368 square feet Height: _____ feet (freestanding signs)

Property Line/Street Right-of-Way Setbacks: front _____, sides _____ and _____, and rear _____.

NOTE: A construction plan, drawn to scale and clearly showing that all requirements have been met, must be attached; a site plan also must be attached for freestanding signs.

Table of Sign Regulations: 450.4. Attachment 1, 1.- An Electronic Changeable Copy Sign may only have a maximum Frequency of one instantaneous message change per 15 second cycle.

450.6.B.3 Changeable copy signs must operate at a constant intensity and not give the appearance of movement by flashing, blinking, strobing, scrolling, oscillating, or alternating lights.

PROHIBITIONS: including roof signs (Sections 450.5.B.7 and 450.6.A, Baltimore County Zoning Regulations):

1. Signs cannot impair motorist's clear view of traffic or government signs. All signs are subject to Section 102.5, BCZR.
2. Signs cannot imitate or resemble government signs, except for private traffic control and notice signs.
3. Signs cannot be placed in or project into or above street right of way or governmental property.
4. Sign or framework cannot obstruct window or opening for light and air or access to building, fire hydrant, or stand pipe.
5. Vehicle cannot be parked for the purpose of displaying an attached sign.
6. Except for flags exempted, flags, pennants, ribbons, streamers, tethered balloons, laser projections, and similar objects are prohibited.
7. Portable signs are prohibited, except for A-frame and sandwich board signs issued a use permit in B.M. - C.T. zones.
8. There can be no display or simulation of moving parts or message, except for an outdoor advertising sign with tri-vision, a changeable copy sign, or a thermometer, barometer, weather vane, barber pole, or clock.
9. No sign may emit sound

Work Description (including number of signs, special conditions, materials, locations and size):

one(1) aluminum menu board sign along bldg drive aisle.

CORNER LOT ☐

4.177' x 7.031' = 29.368'

OWNER/AGENT CERTIFICATION

I solemnly affirm under the penalties of perjury and upon personal knowledge that the contents of the above are true and further agree to locate the proposed sign such that it will not violate Baltimore County laws and regulations.

JTB
Signature

3/15/18
Date

Jen Bass
Print/Type Name

☐ Require Planning Signature

Brett M. Williams
Signature

3/16/18
Date

Copies: White-Office; Yellow- Applicant (keep this Copy for your permanent records)

REV 10/14

Authority under Section 500.4, BCZR PAI Approval (SIGN ONLY)

[Signature]
Signature

JTB
Initials

3/16/18
Date



Permits, Approvals & Inspections

111 W. Chesapeake Avenue
Towson, MD 21204

Report Generated On:
3/16/2018

Permit Processing Commerical Permit & Development Report

Page 1 of 1

Property Information

Tax Account Number: **2200013106**

Plat Ref: **064:120**

Election District: **11**

Owner Name(s): W ARC PH CENTRE OWNER VIII LLC and C/O WALTON STREET CAPITAL LLC

PDM #: 11-0859

Address: SUITE 1900 900 NORTH MICHIGAN AVE
CHICAGO, IL 60611

Zoning District(s): BM
DR 1

Premise Address: 8867 BELAIR RD

Elevation Range: 224ft - 240ft

Affected Overlays	Instructions: Begin review process with Zoning Review, Room 111.	New Com Bldg.	Interior Alts.	Add / Ext. Alts.	Piers/Pilings	Grading/SW	Tanks	Ret. Walls/Bulk	Razing	Chg. of Occup.	Tower Antenna	Signs	Elect. & Plumb	Agency Acknowledgment
Contact Agency	Potential Overlay Issues													Initial & Date
	Growth Tier 1: Served by public sewer and inside URDL													
Planning Jefferson Building Room 101 Phone: 410-887-3211	Commercial Design Review Areas - Perry Hall Commercial Revitalization Districts - Perry Hall	X		X								X		
		X		X								X		
DEPS-Sed. Control Jefferson Building 4th Floor Phone: 410-887-3226	Note: All Razing Permits must be sent to Sediment Control for review.													
PAI-Public Services County Office Building Room 119 Phone: 410-887-3751	Note: All permits for Grading, New Buildings & Building Additions must be sent to Public Services.													
Zoning Review County Office Building Room 111 Phone: 410-887-3391	Zoning Cases: 1968-0229-A	X		X	X	X	X			X	X	X		

Date: 3/1/18	City, State: Baltimore, MD	SHEET: 2 OF 2
Client: Uni-Structures, Inc.	Overall Height: 15'-0" MAX	Sean M. McFarland, PE
Sign: Chick Fil A #1326	Wind Speed: 115 mph	McFarland Engineering

Foundation: (Non-Constrained)

One Pier Footing

Pier Footing Design:

Select the footing and soil type:

$$d = A / 2 * (1 + (1 + (4.36 * h) / A)^{1/2})$$

$$\text{where } A = (2.34 * P) / (S1 * b)$$

Footing: Round ▼

Vert. Soil Bearing (psf): 1500 ▼

Lat. Soil Bearing (psf): 150 ▼

Mmax = 4,786 #-FT
Pmax (Lateral) = 1,167 #
LSBP = 150 PCF
S1 = 480 PCF
b = 2.000 FT

A = 2.84 FT^2

h = 4.102 FT

d = 5.261 FT

USE: 2.00 FT. RND. X

5.00 FT DEEP FOOTING (MIN)

Soil Bearing Check:

w/ (6) #6's VERT and #4's @ 12" O.C.

DLmax = 799 LBS

21" Long Anchor Bolts

Area of Footing = 3.14 FT^2

Actual SBP = 254 PSF

Allowable SBP = 1,200 PSF (Includes code allowed 20% increase for every foot of footing below 12" into natural grade.)

254 PSF < 1,200 PSF THEREFORE OK

Baseplate Design -

A36 Steel Fy= 36ksi

D = 6.00 IN

E70 Electrodes Fw= 928 #/in/16th

e = 1.00 IN

A307 Anchor Bolts

Ft = 20 ksi

b = 6.00 IN

of Bolts = 4

Dia. Bolt

0.625

d = 6.00 IN

Column Mom = 4,786 #-FT

Baseplate t = 0.63 IN

P Bolt = $\frac{M * 12 \text{ (in/ft)}}{2 \text{ bolts (D + e + t)}}$

3,766 # < 6,100 #

t req'd = $[(6 * P * e * 2 \text{ bolts}) / (.75 * Fy (D + 2 * t))]^{1/2}$

.480 IN < 0.63 IN

Weld = $\frac{M * 12 \text{ (in/ft)}}{Fw (b * d + D^2/3)}$

1.29 16th's < 3.00 16th's

USE: (4) 5/8" Dia. Bolts w/ 5/8" Baseplate. Weld to Support with 3/16" Fillet Welds

Date:	3/1/18	City, State:	Baltimore, MD	SHEET:	1 OF 2
Client:	Uni-Structures, Inc.	Overall Height:	15'-0" MAX	Sean M. McFarland, PE	
Sign:	Chick Fil A #1326	Wind Speed	115 mph	McFarland Engineering	

Sign Description

8867 Belair Rd

Table of Contents

Columns: 2

ME Job: 40600

ULTIMATE LOADS

Sign Size: 6'-5" x 7'-1" +/-

Content:	Page
Design Loads.	1
Support Design.	1
Foundation Design / General Notes	2
Design Drawing.	(Numbered Separately)

Structural Variables and Code Loading Specifications

Cabinet Type:	Miscellaneous	Code:	2015 IBC
Structural Section:	Tube Steel - 46000psi	Wind Speed:	115 mph
Number of Zones:	2	Wind Exposure:	C

Wind Loads Per ASCE 7-10

Sign Sections:

Zone	Cabinet Wt. Per Sq. Ft.	Tube Weight Per Foot	Transition (Y or N)
1	20	12.0 #/FT	
2	10	12.0 #/FT	y

State License: Maryland - 32828



Geometry of Sign:

Zone	Top Elevation	Height	* Approx. Avg. Width Width	Pressure	Force	Approx. Weight
1	6.42 FT	4.25 FT	7.08 FT *	36.48 PSF	1.10 K	704 #
2	2.17 FT	2.17 FT	2.00 FT *	15.96 PSF	0.07 K	95 #
Total Wind Force =					1.17 K	799 #

Moments at Transitions:

Zone	Lateral Force	2 Mom. Arm
1	1.10 K	4.29 FT
2	0.07 K	1.08 FT
		4.79 K-FT

Section Modulus Req'd: .95 IN^3

Structural Sections to be used:

Zone	Option	Tube Dim.	Wall t.	Weight	Sxx	d/t	Sxx Req'd
2	Tube	6.00 IN	0.120 IN	12 #/FT	5.94 IN^3	50.00	0.95 IN^3

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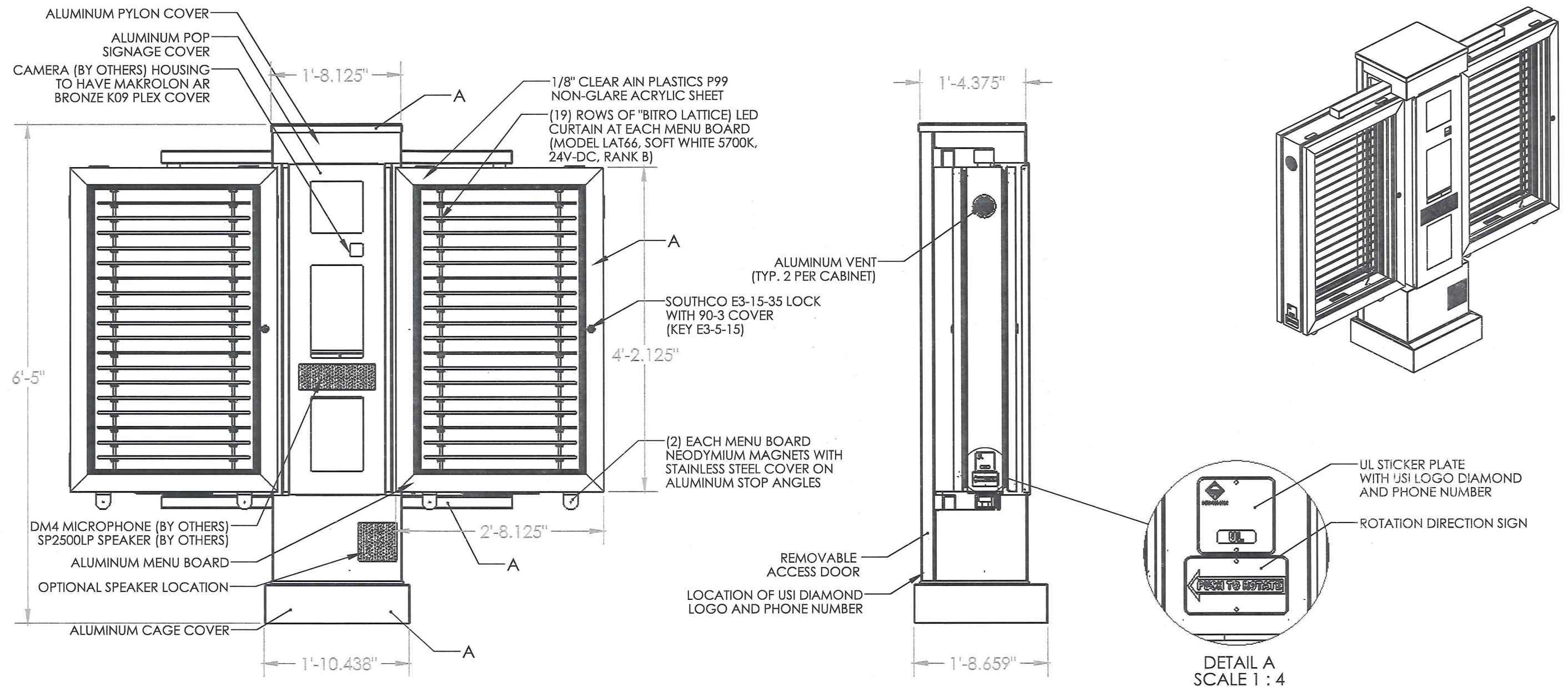
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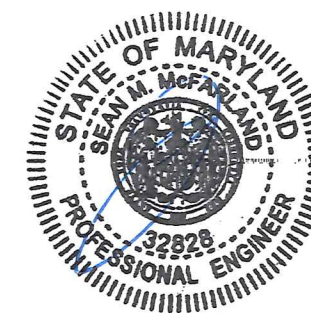
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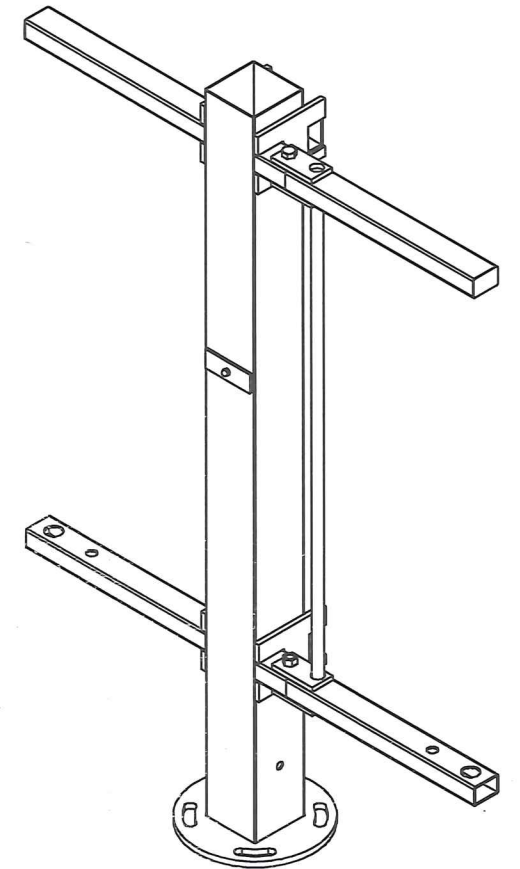
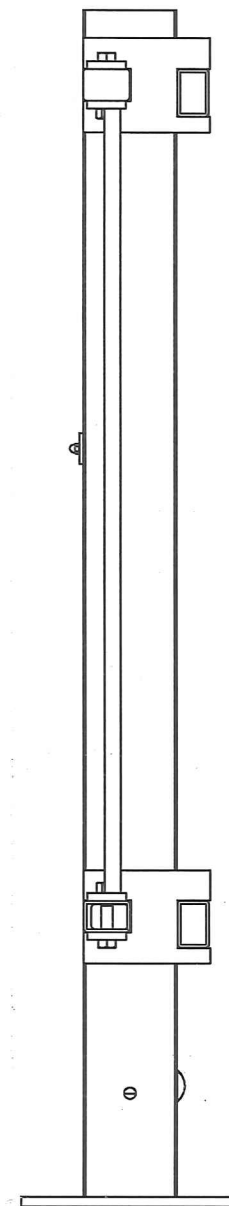
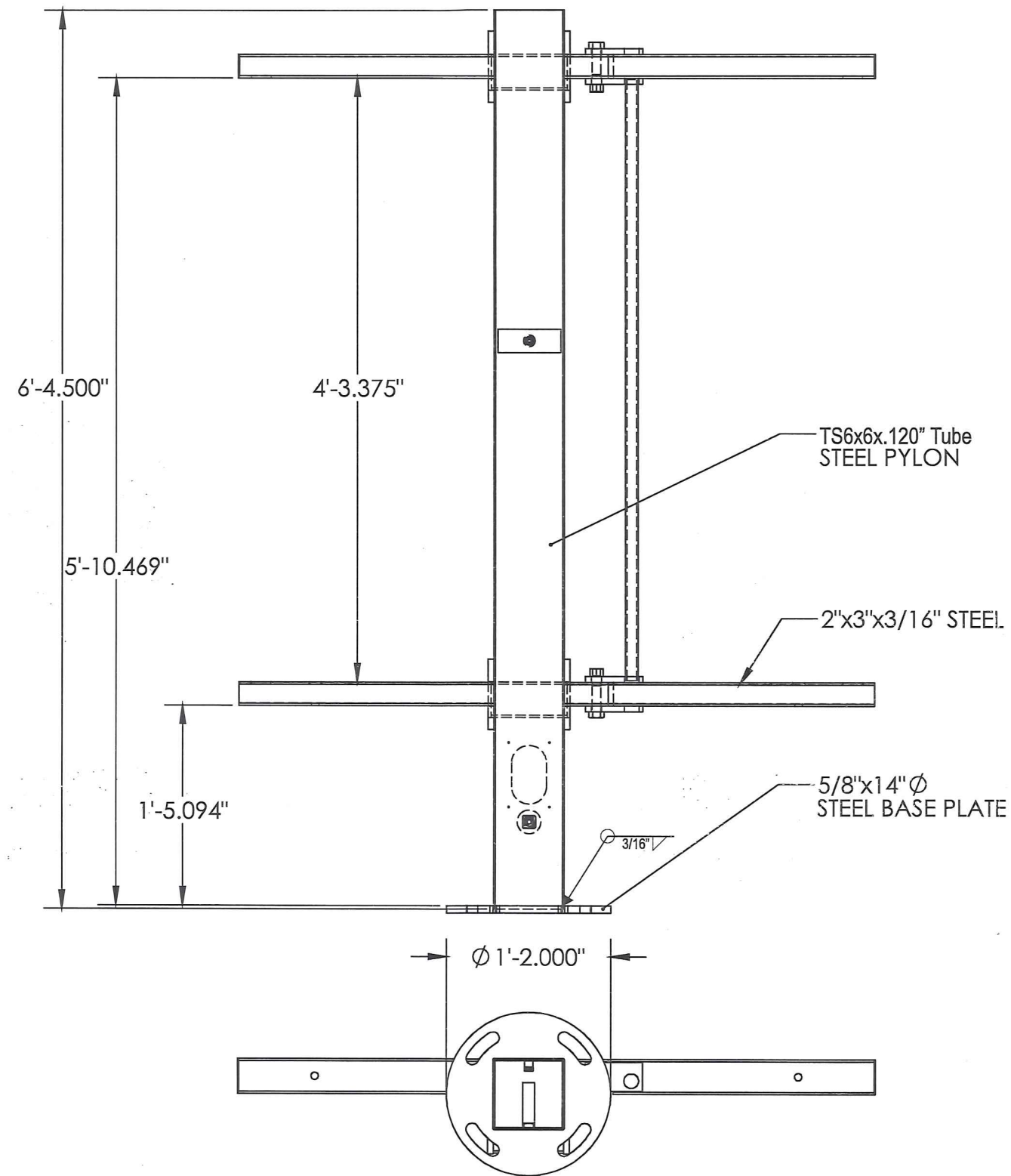
 464 N. Hiddenbrook Dr, Advance, NC 27006 Structural Sign Design & Engineering Services	Ph: (281) 813-7439 Email: sean@signstructures.com Web: www.signstructures.com	CHICK FIL A #1326 Address: 8867 BELAIR RD. City/State: BALTIMORE, MD Client: UNI-STRUCTURES INC	ENGINEERING OF VERTICAL SUPPORT AND FOUNDATION ONLY. NO CABINET ENGINEERING PROVIDED OR IMPLIED.	Initial Drawing: (40600) AB _____ _____ _____ _____
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464 N. Hiddenbrook Dr,
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Structural Sign Design
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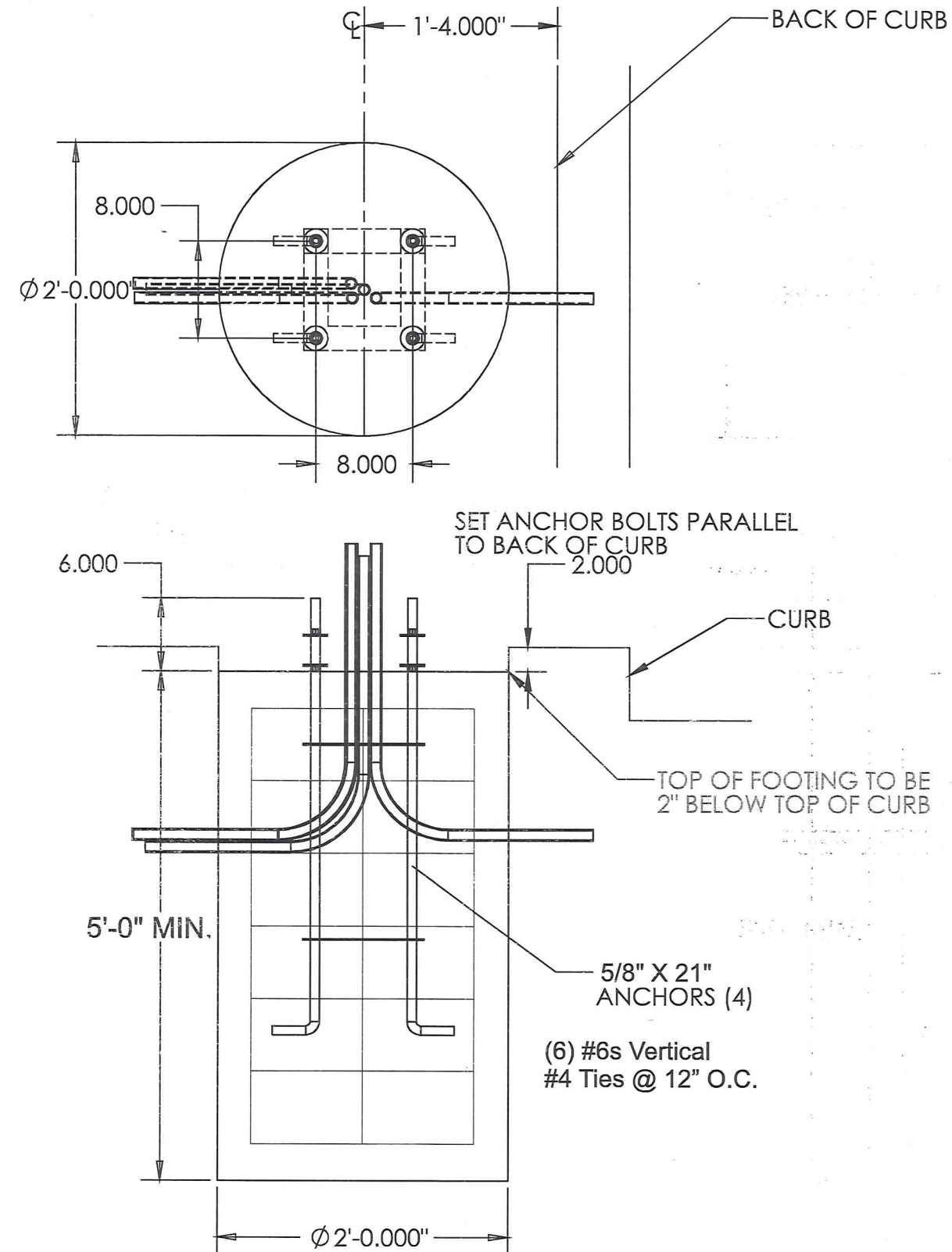
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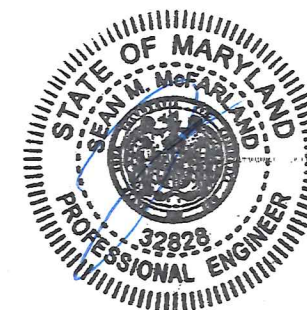
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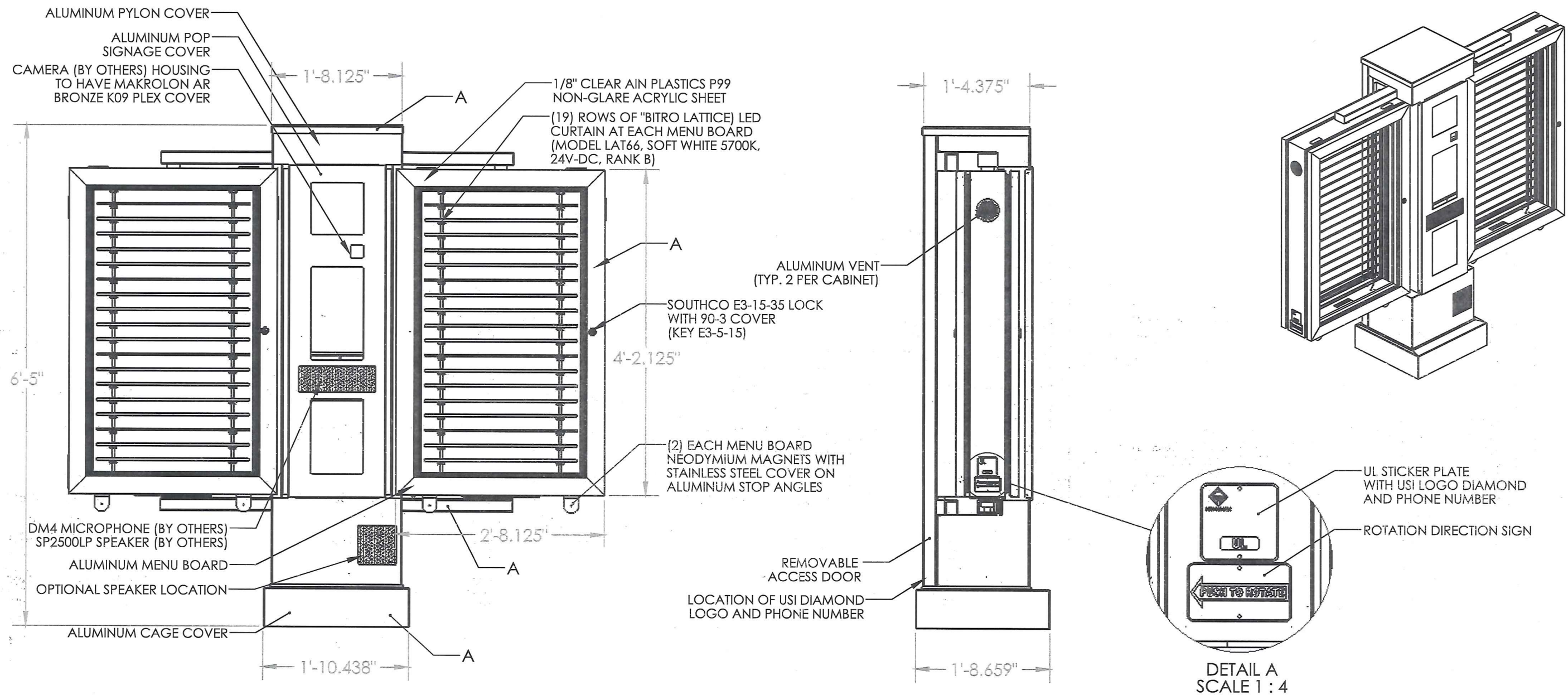
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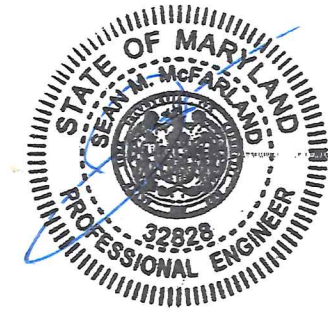
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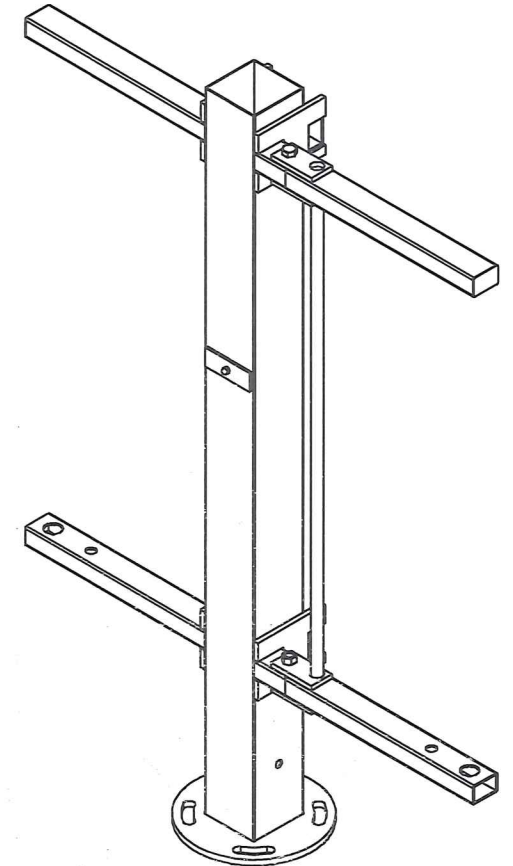
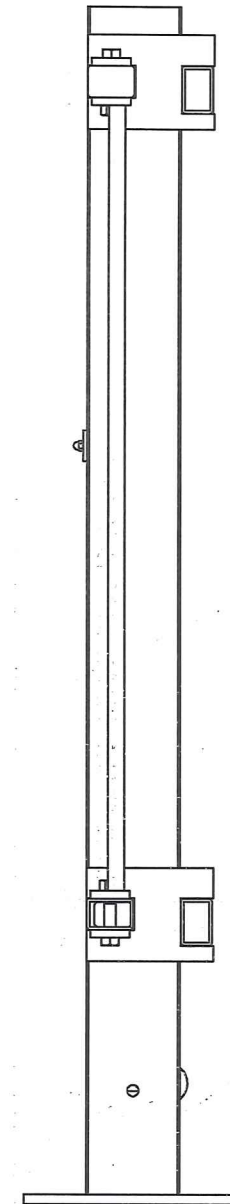
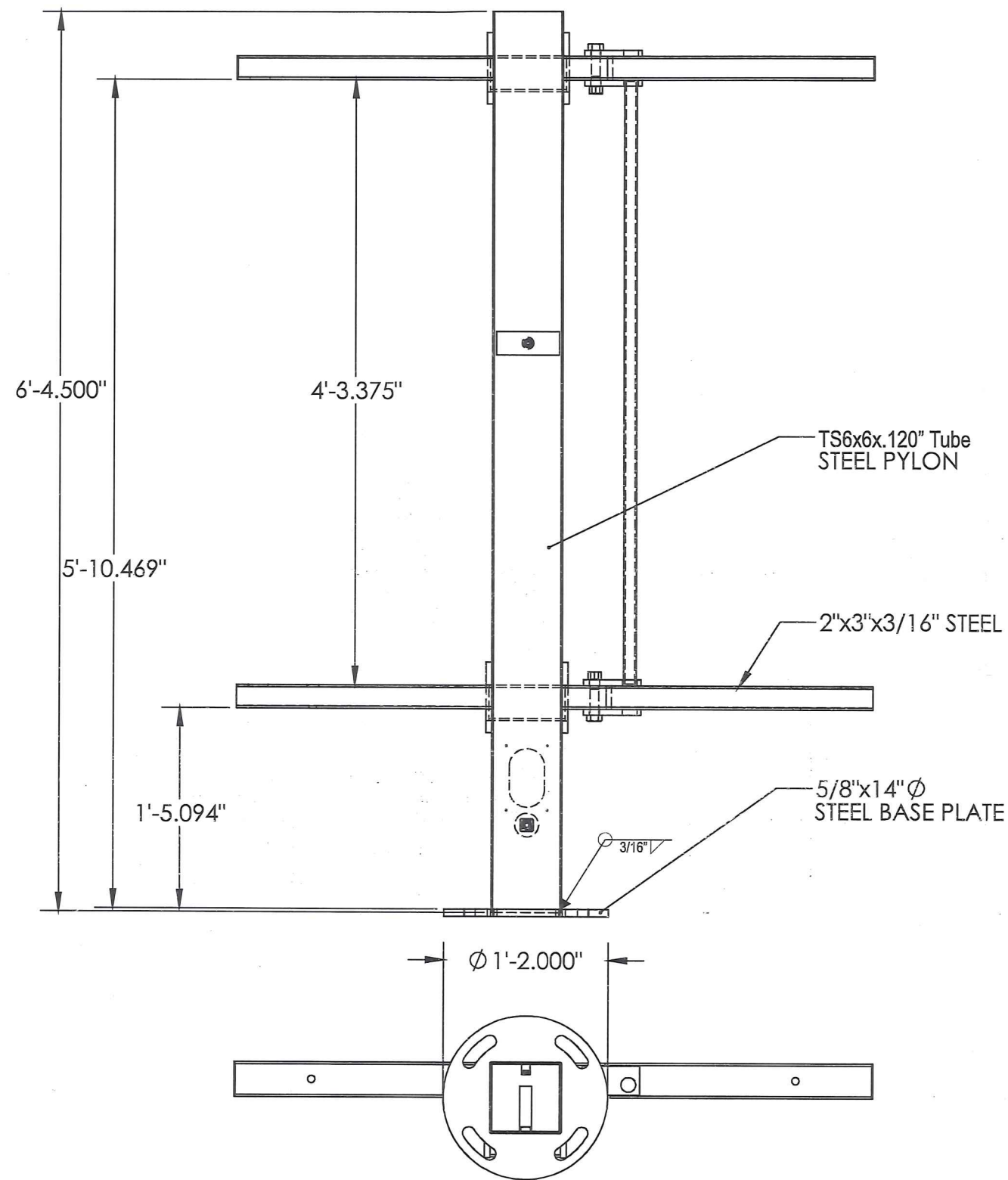
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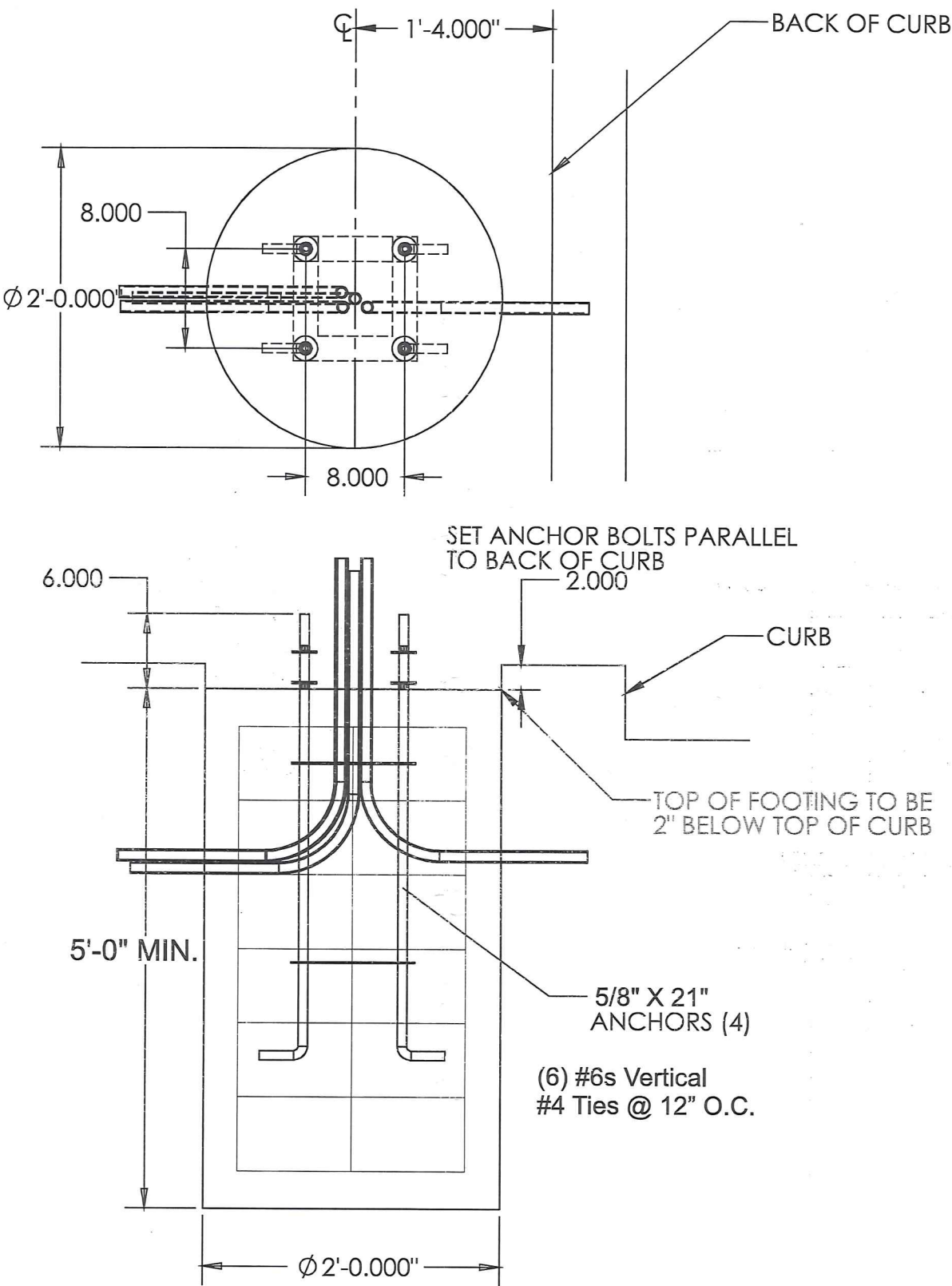
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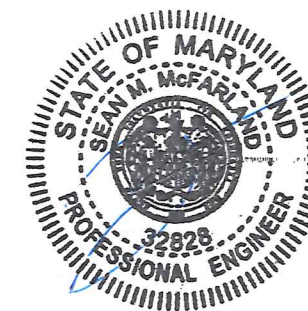
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