\mathbf{B}_{-} **BALTIMORE COUNTY** DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS A 111 WEST CHESAPEAKE AVENUE

TOWSON, MD 21204

77	1363

The applicant is authorized

\$ FO	410-887-3391	to affirm that there are no current violations at this
MARYLAND	SIGN USE PERMIT	site pursuant to Section
Permit Fees are Non-Refundable; Make Check Payable	to "Baltimore County, Maryland"	Initials (TV)
PROPERTY ADDRESS 8847 Belair	Rd ZIP CO	0:0-
BUSINESS NAME CNICK - Fil-A	ZONIN	$_{\rm IG}$ $_{\rm BM}$
OWNER'S NAME WATCPH CENTRE SWILL	PHONE NO. HI	STORIC DISTRICT Yes No
MAILING ADDRESS 900 NOVAN MICH		ricago IL GOLL
APPLICANT/OWNER'S AGENT HO MASS	Monter Engineerigho	NE NO. 4108217900
SIGN COMPANY NAME UNI STructure	РНО	NE NO. <u>U78 - 974 - 1757</u>
TYPE OF SIGN: Window Sign	TAX ACCOUNT NO. 22	2,000,13106
☐ Temporary- Including Real Estate/Construction/Event	Temporary Signs in	the Last Year: Yes No
Permanent Changeable Copy Wall	☐ Face Change Only ☐ Non-Ill	uminated
☐Freestanding ☐Pylon ☐ Monument ☐ Ⅱ	lluminated (separate electrical permit requ	ired)
Size: $\frac{4.177}{1}$ feet x $\frac{7.031}{1}$ feet = $\frac{29.308}{1}$ square feet	et Height:f	eet (freestanding signs)
Property Line/Street Right-of-Way Setbacks: front	, sides, and rear	·
NOTE: A construction plan, drawn to scale and clearly sho	wing 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 Einstantaneous message change per 15 second cycle. 450.6.B.3 Changeable copy signs must oper flashing, blinking, strobing, scrolling, oscill PROHIBITIONS: including roof signs (Sections 450.5.E.) 1. Signs cannot impair motorist's clear view of traffication 2. Signs cannot imitate or resemble government signs 3. Signs cannot be placed in or project into or above 4. Sign or framework cannot obstruct window or ope 5. Vehicle cannot be parked for the purpose of displace 6. Except for flags exempted, flags, pennants, ribbon prohibited. 7. Portable signs are prohibited, except for A-frame as 8. There can be no display or simulation of moving prohibited copy sign, or a thermometer, barometer 9. No sign may emit sound	rate at a constant intensity and not give to lating, or alternating lights. 3.7 and 450.6.A, Baltimore County Zonic or government signs. All signs are subjects, except for private traffic control and not street right of way or governmental proper ening for light and air or access to building aying an attached sign. In any streamers, tethered balloons, laser project and sandwich board signs issued a use permotes or message, except for an outdoor adver, weather vane, barber pole, or clock.	ng Regulations): ct to Section 102.5, BCZR. tice signs. rty. g, fire hydrant, or stand pipe. ctions, and similar objects are mit in B.M. – C.T. zones. vertising sign with tri-vision, a
drive aisle.	1 board sign along	i blda
drive aisle.	9. 000.5	CORNER LOT
4.1771 × 7.0311 = 8		
OWNER	AGENT CERTIFICATION	
I solemnly affirm under the penalties of perjury and up agree to locate the proposed sign such that it will not vio	on personal knowledge that the content plate Baltimore County laws and regula	s of the above are true and further tions.
tcm 3/15		
Signature Date	Print/Type Name	
Require Planning Signature Mett M. W.	illiam Date 3/1	6/18.
Copies: White-Office; Yellow-Applicant (keep	Authority under Section 500.4, BCZR PAI A	approval (SIGN ONLY)
this Copy for your permanent records) REV 10/14	Signature	M 3/16/18
	Signature Illitia	Lone I

ed				
7				
,				



this Copy for your permanent records)

REV 10/14

B **BALTIMORE COUNTY** DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS A 111 WEST CHESAPEAKE AVENUE The applicant is authorized TOWSON, MD 21204

410-887-3391

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	13

to affirm that there are no current violations at this site pursuant to Section SIGN USE PERMIT 112.7 BCC Initials Permit Fees are Non-Refundable; Make Check Payable to "Baltimore County, Maryland" PROPERTY ADDRESS 8847 Belair Rd 21236 ZIP CODE BUSINESS NAME ZONING OWNER'S NAME WATCPH CLATTE VILLEPHONE NO. HISTORIC DISTRICT Yes No 900 North Michigan Ave Stc 1900 Chicago IL 60611 APPLICANT/OWNER'S AGENT FLO MASS MODILER ENGINEERINGHONE NO. 408217900 PHONE NO. 478 - 974-175 SIGN COMPANY NAME UNI STYLCTURE! TAX ACCOUNT NO. 22 1000 / 13106 TYPE OF SIGN: ☐ Window Sign Temporary Signs in the Last Year: Yes X No Temporary- Including Real Estate/Construction/Event 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 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. 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. Portable signs are prohibited, except for A-frame and sandwich board signs issued a use permit in B.M. - C.T. zones. 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): Oneu) aluminum menu board sign along blag drive aisle. CORNER LOT 4.1771 × 7.0311 = 29.348' 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. Require Planning Signature Copies: White-Office; Yellow-Applicant (keep

- - - - 7				
D)				



Permits, Approvals & Inspections

111W. Chesapeake Avenue Towson, MD 21204

Report Generated On: 3/16/2018

Page 1 of 1

Permit Processing Commerical Permit & Development Report

Property Information Election District: 11 Tax Account Number: 2200013106 Plat Ref: 064:120

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

Address: SUITE 1900 900 NORTH MICHIGAN AVE

CHICAGO,IL 60611

PDM #: 11-0859

Zoning District(s): BM

Premise Address: 8867 BELAIR RD					Elevation Range: 224ft - 240ft										
Instructions: Begin review process with Zoning Review, Room 111.		ts.	Alts.	sbi	WS		/Bulk		ccup.	tenna		lumb	Agency Acknowledgmen		
Potential Overlay Issues	Com	ior Al	/ Ext.	/Pilir	S/guil	S	Walls	ng	ofo	er An	S	90			
Growth Tier 1: Served by public sewer and inside URDL	New	Inter	Add	Pier	Grad	Tank	Ret.	Razi	Chg	Tow	Sign	Elec	Initial & Date		
Commercial Design Review Areas - Perry Hall	Х		Χ								Х				
Commercial Revitalization Districts - Perry Hall	X		X								X				
Note: All Razing Permits must be sent to Sediment Control for review.															
Note: All permits for Grading, New Buildings & Building Additions must be sent to Public Services.															
Zoning Cases: 1968-0229-A	Х		X	Х	X	X			X	X	X				
													~		
	Instructions: Begin review process with Zoning Review, Room 111. Potential Overlay Issues Growth Tier 1: Served by public sewer and inside URDL Commercial Design Review Areas - Perry Hall Commercial Revitalization Districts - Perry Hall Note: All Razing Permits must be sent to Sediment Control for review. Note: All permits for Grading, New Buildings & Building Additions must be sent to Public Services.	Instructions: Begin review process with Zoning Review, Room 111. Potential Overlay Issues Growth Tier 1: Served by public sewer and inside URDL Commercial Design Review Areas - Perry Hall Commercial Revitalization Districts - Perry Hall Note: All Razing Permits must be sent to Sediment Control for review. Note: All permits for Grading, New Buildings & Building Additions must be sent to Public Services.	Instructions: Begin review process with Zoning Review, Room 111. 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Notice: This report is not inclusive as additional issues may arise which would affect the ability to obtain a building permit. This Report is solely for Departmental use and nothing herein creates any right which would accrue to the applicant. Form171C

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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		Content:	Page
ME Job: 40600		Design Loads	1
	ULTIMATE LOADS	Support Design	1
Sign Size: 6'-5" x 7'-1"	+/-	Foundation Design / General Notes	2
		Design Drawing	(Numbered
			Senarately

Structural Variables and Code Loading Specifications

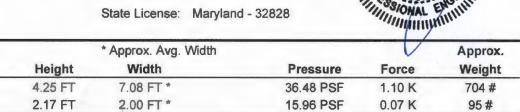
Cabinet Type:	Miscellaneous	•	Code: 2015 IBC	▼
Structural Section:	Tube Steel - 46000psi	•	Wind Speed: 115 mg	oh
Number of Zones:	2	•	Wind Exposure: c	•
		\	Wind Loads Per ASCF 7-10	

Sign Sections:

Zone		net Wt. Sq. Ft.	Tube Weight Per Foot	Transition (Y or N)	
1	20	*	12.0 #/FT		
2	10	•	12.0 #/FT	٧	

Geometry of Sign:

Zone



Total Wind Force = 1.17 K 799

Moments at Transitions:

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

MAR 0 1

Section Modulus Req'd: .95 IN^3

Elevation

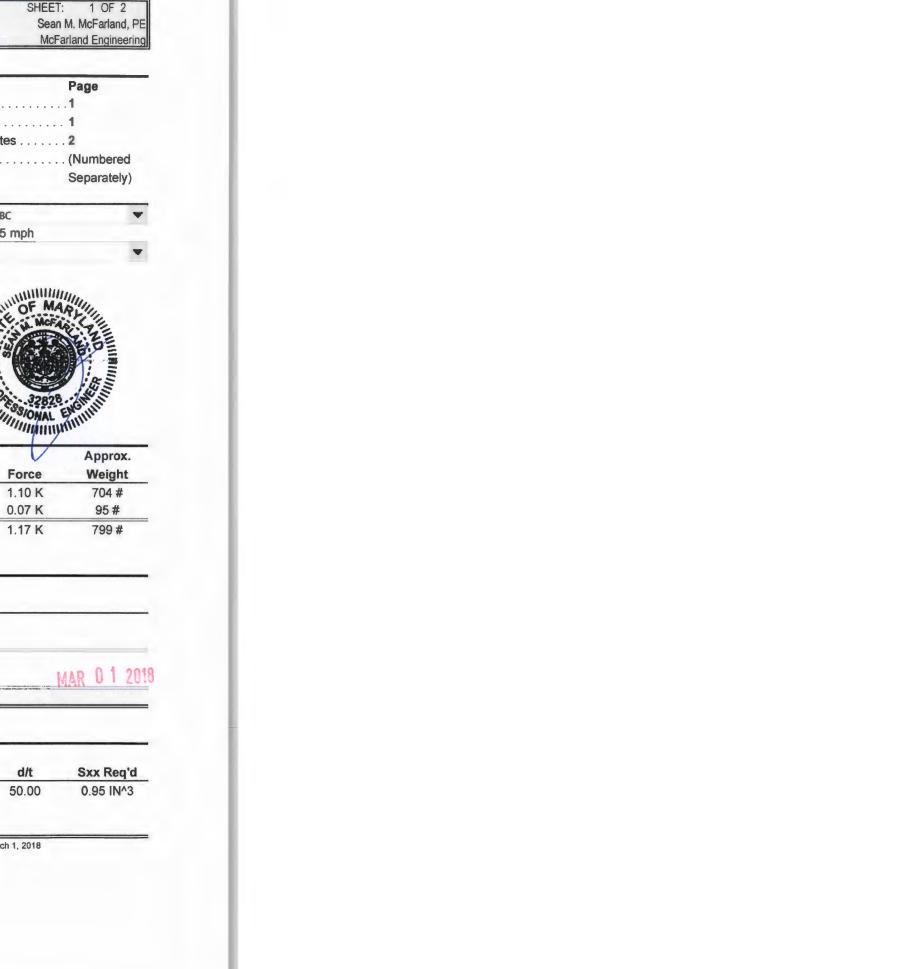
6.42 FT

2 2.17 FT

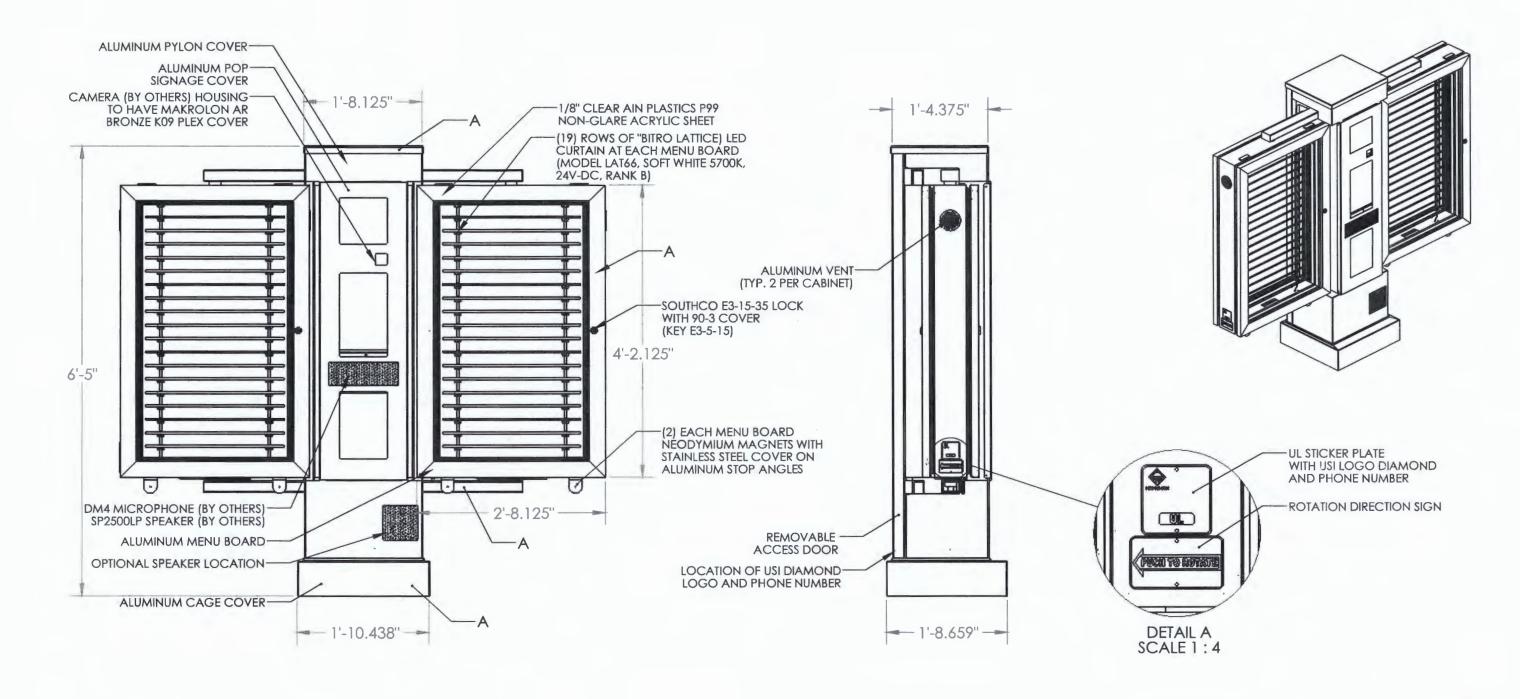
Structural Sections to be used:

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

The electronic seal appearing on this document was authorized by Sean M. McFarland, PE on March 1, 2018



Date: 3/1/18 Client: Uni-Structures, Sign: Chick Fil A #132		City, State: Overall Height: Wind Speed	Baltimore, MD 15'-0" MAX 115 mph			T: 2 OF 2 McFarland, PE and Engineering
Foundation: (Non-C	onstrained)	One Pier Foo	ting			
Pier Footing Design	:		Select the foot	ing and soil type	9.	
d = A / 2 * (1 - 4)	+ (1 + (4.36 * h) / A)^1/2	2))	Footing:	Round		
where	A = (2.34 * P) / (S1 *	•	Soil Bearing (psf):	1500		
		Lat. S	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					
_			5.00 FT	DEEP FOOTIN	NG (MIN)
USE	2.00	FT. RND. X	5.0011			
USE	1000000	FT. RND. X	5.0011	w/ (6) #6's VERT a	and #4's @	12" O.C.
USE			0.0011) 12" O.C.
USE Soil Bearing Check	799 LBS		3.3011	w/ (6) #6's VERT a) 12" O.C.
USE Soil Bearing Check DLmax =	799 LBS		3.0011	w/ (6) #6's VERT a) 12" O.C.
USE Soil Bearing Check DLmax = Area of Footing =	799 LBS 3.14 FT^2 254 PSF	(Includes c	code allowed 20%	w/ (6) #6's VERT a 21" Long Anchor B increase for eve	Bolts) 12" O.C.
Soil Bearing Check DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF	(Includes c		w/ (6) #6's VERT a 21" Long Anchor B increase for eve	Bolts) 12" O.C.
OSE Soil Bearing Check DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes c	code allowed 20% below 12" into nat	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.)	Bolts) 12" O.C.
OSCI Bearing Check DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF	(Includes c	code allowed 20% below 12" into nat	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.)	Bolts) 12" O.C.
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes of footing I	code allowed 20% below 12" into nat THEREFORE	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.)	Bolts	, 12" O.C.
USE Boil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes confloating Includes	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.) OK	Bolts	2 12" O.C.
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF <	(Includes of footing Includes of footing Includes of I	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1	w/ (6) #6's VERT a 21" Long Anchor B increase for ever cural grade.) OK	Bolts) 12" O.C.
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF <	(Includes of footing Includes of I	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts	w/ (6) #6's VERT a 21" Long Anchor B increase for ever iural grade.) OK 6th Ft = 20 ksi	ery foot	
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN	(Includes of footing Includes of Inclu	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts = 4	w/ (6) #6's VERT a 21" Long Anchor B increase for ever cural grade.) OK	Bolts	
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN	(Includes of footing Includes of Inclu	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts	w/ (6) #6's VERT a 21" Long Anchor B increase for ever iural grade.) OK 6th Ft = 20 ksi	ery foot	
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USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d = Baseplate t =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 0.63 IN	(Includes of footing Includes of Inclu	code allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts = 4	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.) OK 66th Ft = 20 ksi Dia. Bolt	ery foot	5
USE Soil Bearing Check DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d = Baseplate t =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 0.63 IN M * 12 (in/ft)	(Includes of footing Includes of footing Includes of July 1,200 PSF) A36 Steel E70 Electrode A307 Anchor # of Bolts Column Mom	rode allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts = 4 = 4,786 #-FT	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.) OK 66th Ft = 20 ksi Dia. Bolt	ery foot	5
Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = b = b = d = Baseplate t =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 0.63 IN M * 12 (in/ft) 2 bolts (D + e + t)	(Includes of footing Includes of footing Includes of July 1,200 PSF) A36 Steel E70 Electrode A307 Anchor # of Bolts Column Mom	rode allowed 20% below 12" into nat THEREFORE Fy= 36ksi es Fw= 928 #/in/1 Bolts = 4 = 4,786 #-FT	w/ (6) #6's VERT a 21" Long Anchor B increase for ever tural grade.) OK 66th Ft = 20 ksi Dia. Bolt 3,766 #	ery foot 0.62	5 6,100#

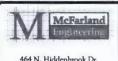


PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32828, EXPIRATION DATE: 4/30/2018

Email: sean@signstructures.com

Web: www.signstructures.com

Ph: (281) 813-7439



464 N. Hiddenbrook Dr, Advance, NC 27006

Structural Sign Design & Engineering Services

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



MAR 0 1 2019

The electronic seal appearing on this document was authorized by Sean M. McFarland, PE on March 1, 2018.

Date: 3-1-2018

Sheet #: 1 OF 3

NC Firm Registration: F-1136

Maryland License Number: 32828

Maryland Expiration Date: 4/30/2018

Date:	3/1/18	City, State:	Baltimore, MD	SHEET: 1 OF 2
Date: Client: Sign:	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		Content:	Page	
ME Job: 40600		Design Loads	1	
	ULTIMATE LOADS	Support Design	1	
Sign Size: 6'-5" x 7'	-1" +/-	Foundation Design / General Notes	2	
		Design Drawing	(Numbered	
			Separately)	

Structural Variables and Code Loading Specifications

Cabinet Type:	Miscellaneous	•	Code: 2015 IBC	100
Structural Section:	Tube Steel - 46000psi	-	Wind Speed: 115 mph	
Number of Zones:	2	~	Wind Exposure: ¢	•
		Wi	nd Loads Per ASCE 7-10	

Sign Sections:

Zone		_	et Wt. Sq. Ft.	Tube Weight Per Foot	Transition (Y or N)	
•	2	20	-	12.0 #/FT		
	1	0	-	12.0 #/FT	V	

.95 IN^3



Geometry of Sign:

	Тор		* Approx. Avg. Width			Approx
Zone	Elevation	Height	Width	Pressure	Force	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.#
An				Total Wind Force =	1.17 K	799#

Moments at Transitions:

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

Structural Sections to be used:

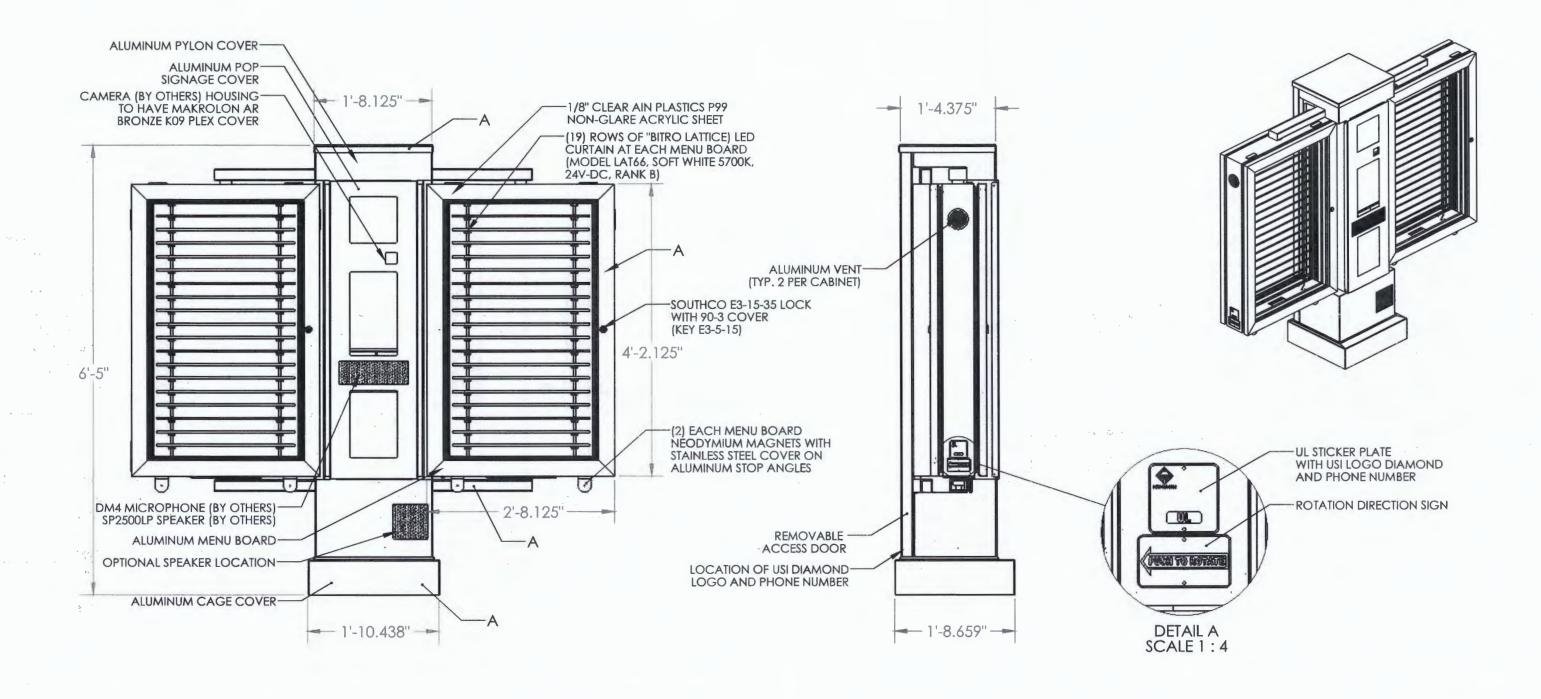
Section Modulus Req'd:

		Tube					
Zone	Option	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	MARS (N/3 2018

The electronic seal appearing on this document was authorized by Sean M. McFarland, PE on March 1, 2018

SHEET	: 1 OF 2
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McF	arland Engineering
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	Approx.
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1.17 K	799 #
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d/t	Sxx Reg'd
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4 0040	
1, 2018	

Date: 3/1/18 Client: Uni-Structures, Sign: Chick Fil A #1326		City, State: Overall Height: Wind Speed	Baltimore, MD 15'-0" MAX 115 mph			: 2 OF 2 McFarland, PE nd Engineering
Foundation: (Non-C	onstrained)	One Pier Footi	ng			
Pier Footing Design	•		Select the fool	ting and soil typ	16 .	
d = A/2*(1+	(1 + (4.36 * h) / A)^1/	2))	Footing:	Round		~
where	A = (2.34 * P) / (S1	b) Vert. So	oil Bearing (psf):	1900		-
		Lat. So	oil Bearing (psf):	150		•
Mmax =	4,786 #-F7					
Pmax (Lateral) =	1,167 #	ŧ				
LSBP =	150 PCF					
S1 =	480 PCF					
b =	2.000 FT					
A =	2.84 FT^2	2				
h ==	4.102 FT					
d =	5.261 FT					
		FT. RND. X	5.00 FT	DEEP FOOTI	NG (MIN)	
USE:	2.00	FI. KND. A				
USE: Soil Bearing Check:		FI. NIVD. A		w/ (6) #6's VERT	and #4's @	12" O.C.
			100 100 100 100 100 100 100 100 100 100	w/ (6) #6's VERT 21" Long Anchor I		12" O.C.
Soil Bearing Check:	799 LBS)				12" O.C.
Soil Bearing Check: DLmax =	799 LBS 3.14 FT^2					12" O.C.
Soil Bearing Check: DLmax = Area of Footing =	799 LBS 3.14 FT^2 254 PSF	2	de allowed 20%	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF	(Includes co		21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes co	de allowed 20% elow 12" into nat	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF	(Includes co	de allowed 20%	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes co	de allowed 20% elow 12" into nat	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF	(Includes co of footing be 1,200 PSF	de allowed 20% elow 12" into nal THEREFORE	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF <	(Includes co of footing be 1,200 PSF	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/	21" Long Anchor I	Bolts	12" O.C.
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF <	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/	21" Long Anchor I	Bolts	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF <	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4	21" Long Anchor I	Bolts very foot	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E # of Bolts =	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4	21" Long Anchor I	Bolts very foot	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E # of Bolts =	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4	21" Long Anchor I	Bolts very foot	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d = Baseplate t =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 6.00 IN	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E # of Bolts =	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4	21" Long Anchor I increase for every tural grade.) OK 16th Ft = 20 ksi Dia. Bolt	Polts very foot	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d = Baseplate t =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 0.63 IN M * 12 (in/ft)	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E # of Bolts = Column Mom =	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4 4,786 #-FT	21" Long Anchor I increase for every tural grade.) OK 16th Ft = 20 ksi Dia. Bolt	Polts very foot	
Soil Bearing Check: DLmax = Area of Footing = Actural SBP = Allowable SBP = Baseplate Design - D = e = b = d = Baseplate t = P Bolt =	799 LBS 3.14 FT^2 254 PSF 1,200 PSF 254 PSF < 6.00 IN 1.00 IN 6.00 IN 6.00 IN 0.63 IN M * 12 (in/ft) 2 bolts (D + e + t)	(Includes co of footing be 1,200 PSF A36 Steel E70 Electrodes A307 Anchor E # of Bolts = Column Mom =	de allowed 20% elow 12" into nat THEREFORE Fy= 36ksi s Fw= 928 #/in/* Bolts 4 4,786 #-FT	21" Long Anchor I increase for every tural grade.) OK 16th Ft = 20 ksi Dia. Bolt 3,766 #	Bolts very foot 0.625	6,100#



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32828, EXPIRATION DATE: 4/30/2018

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A	A	McFarland	
1		Ingineering.	
No. 1	W. A. P. C		

464 N. Hiddenbrook Dr, Advance, NC 27006

Structural Sign Design

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



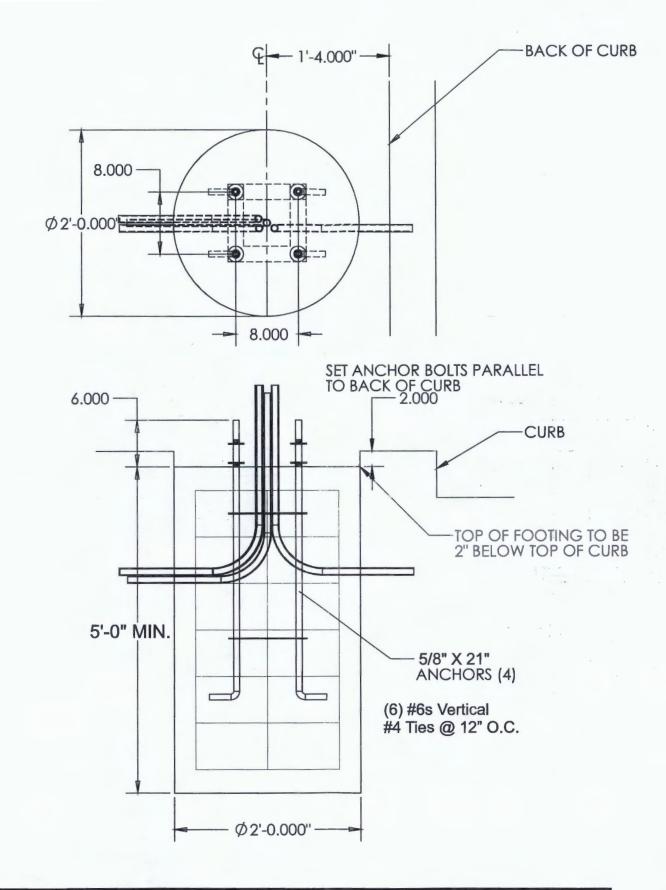


The electronic seal appearing on this document was authorized by Sean M. McFarland, PE on March 1, 2018.

Date: 3-1-2018 Sheet #: 1 OF 3

> NC Firm Registration: F-1136 Maryland License Number: 32828 Maryland Expiration Date: 4/30/2018

ME #: 40600



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Structural Sign Design & Engineering Services

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CHICK FIL A #1326

Address: 8867 BELAIR RD.
City/State: BALTIMORE, MD

Client: UNI-STRUCTURES INC

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	eal appearing on this document was n.M. McFartand, PE on March 1, 2018.
Date:	3-1-2018
Sheet #:	3 OF 3
Maryland	Registration: F-1136 License Number: 32828 LEXIDENTIAL DESCRIPTION DE