# Site Map

#### Legend

- Face & Halo Lit Channel Letters SQFT: 30.50
- B Face & Halo Lit Channel Letters SQFT: 10.32
- Face & Halo Lit Channel Letters SQFT: 11.40
- D Existing Pan Sign SQFT: 25.00
- Face Lit Channel Letters SQFT: 43.18
- Existing Pan Sign SQFT: 20.00
- G Existing Canopy Sign SQFT: 20.00
- H Existing Canopy Sign SQFT: 5.00
- Existing Canopy Sign SQFT: 20.00
- Existing Canopy Sign SQFT: 5.00

**TOTAL SQFT: 190.40** 

— Property Line

# Customer Approval Name Co/Title Date Landlord Approval

Co/Title

Date



Scale: 1"=75'-0"



Locations:

9200 Valley Rd. 2507 W. Villa Rita Dr. Prescott Valley, Arizona 86314 Arizona 85023

 Arizona 85314
 Arizona 85023
 Project Location:

 800-257-5095
 arizonasignsplus.com
 2733 N Recker Rd. | Mesa, AZ 85213

Project:	Account Executive:
DenMart	Chris Gilliland
Project Location:	Project Manager:

NORTH

| Design | Number: 230020 | 03-10/18/2023 BL | Sheet: | | Design / Revision Date: | | 01-01/09/2023 BL | | 02-09/07/2023 BL | | 02-09/07/2023 BL | | 03-10/18/2023 BL | | 03-10/18/2023 BL | | 04-10/18/2023 BL | | 05-10/18/2023 BL | | 05-10/1

5

# Sign A Face and Halo Lit Channel Letters

#### Materials

#### Letters

- 3/16" white acrylic faces with surface applied vinyl overlay (V1)
- 5" deep .040 alum. returns painted P1
- 1" black trim cap
- .177 clear lexan backs with surface applied vinyl overlay (V2) for blue halo effect
- letters stud mounted 11/2" off the wall
- remove existing sign and patch/paint wall as needed NOTE: existing sign is neon

#### Paint Colors

#### Vinyl Colors

Dual Color Black 3M 3635-222

V2 Bright Blue 3M 3630-167

#### **Customer Approval**

Co/Title

#### Landlord Approval

Name

Co/Title

Date



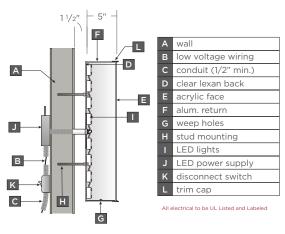
Face View

Scale: 1/2"=1'-0"

Simulated Night View

Scale: 1/4"=1'-0"

SQFT: 30.50



Face & Halo Lit PC Letters / LEDs - Cross Section Detail

Scale: NTS

DenMart 15'-9" 15.75

DenMart

**Proposed North Elevation** 

Scale: 3/32"=1'-0"



**Existing Elevation** 

Account Executive:

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with arti 600.6(A) (1) of the National Electrical Code.

2018 IBC, 2011 NEC, 2012 IBC

03-10/18/2023 BI



#### **NOTE** - Field Verify Fascia Area Prior to Fabrication of Signs.

Locations: 9200 Valley Rd. Arizona 86314

2507 W. Villa Rita Dr. Arizona 85023

800-257-5095 arizonasignsplus.com

**DenMart** Project Location: 2733 N Recker Rd. | Mesa, AZ 85213

Proiect:

Chris Gilliland Project Manager:

Design Number: 230020 Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

2°15

# Sign B Face and Halo Lit Channel Letters

#### Materials

#### Letters

- 3/16" white acrylic faces with surface applied vinyl overlay
- 5" deep .040 alum. returns painted P1
- 1" black trim cap
- .177 clear lexan backs with surface applied vinyl overlay (V2) for blue halo effect
- letters stud mounted 11/2" off the wall
- remove existing sign and patch/paint wall as needed NOTE: existing sign is neon



Face View

Scale: 1/2"=1'-0"

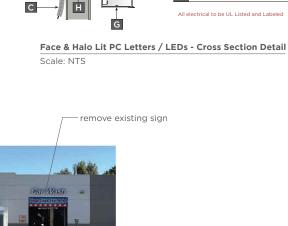
SQFT: 10.32



#### Simulated Night View

Scale: 3/8"=1'-0"





01-01/09/2023 BL

02-09/07/2023 BL

11/2" | 5"

Vinyl Colors

Paint Colors

Dual Color Black 3M 3635-222

V2 Bright Blue 3M 3630-167

#### **Customer Approval**

Co/Title

#### Landlord Approval

Co/Title



**Proposed West Elevation** 

Scale: 1/16"=1'-0"



Account Executive:

Gilliland

remove existing sign

**Existing Elevation** 

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with arti 600.6(A) (1) of the National Electrical Code.

wall

low voltage wiring

conduit (1/2" min.)

clear lexan back

acrylic face

alum, return

weep holes

LED lights

trim cap

stud mounting

LED power supply

disconnect switch

All electrical to be UL Listed and Labeled

2018 IBC, 2011 NEC, 2012 IBC



Locations:

9200 Valley Rd. Arizona 86314

2507 W. Villa Rita Dr. Arizona 85023 800-257-5095 arizonasignsplus.com

Project:
DenMart
Project Location:

nMart	Chris Gilliland
t Location:	Project Manager:
N Recker Rd   Mesa AZ 85213	l H.I

Design Number: 230020	03-10/18/2023 BL	Sheet:
Number: 230020		
Design / Revision Date:		7

**NOTE** - Field Verify Fascia Area Prior to Fabrication of Signs 3 of 15

# Sign C Face and Halo Lit Channel Letters

#### Materials

#### Letters

- 3/16" white acrylic faces with surface applied vinyl overlay (V1)
- 5" deep .040 alum. returns painted P1
- 1" black trim cap
- .177 clear lexan backs with surface applied vinyl overlay (V2) for blue halo effect
- letters stud mounted 11/2" off the wall
- remove existing sign and patch/paint wall as needed NOTE: existing sign is neon

#### Paint Colors

#### Vinyl Colors

Dual Color Black 3M 3635-222

V2 Bright Blue 3M 3630-167

#### **Customer Approval**

Co/Title

#### Landlord Approval

Co/Title

1'-2" Car Wash

#### Face View

Scale: 1/2"=1'-0"

SQFT: 11.40



#### Simulated Night View

Scale: 3/8"=1'-0"



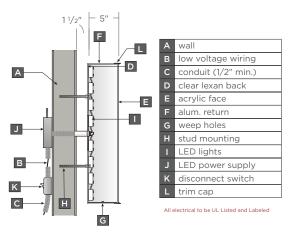
**Proposed West Elevation** 

Scale: 1/16"=1'-0"



**Existing Elevation** 

**NOTE - Font is Serpentine Sans ICG Bold** 



#### Face & Halo Lit PC Letters / LEDs - Cross Section Detail

Scale: NTS

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with arti 600.6(A) (1) of the National Electrical Code. 2018 IBC, 2011 NEC, 2012 IBC



#### **NOTE** - Field Verify Fascia Area Prior to Fabrication of Signs.



Locations: 9200 Valley Rd. 2507 W. Villa Rita Dr.

Arizona 85023 Arizona 86314

800-257-5095 arizonasignsplus.com 2733 N Recker Rd. | Mesa, AZ 85213

DenMart
Project Location:

Chris Gillila

int Executive:	Design Number: 230020	03-10/18/2023 BL
Gilliland	Number: 230020	
Gilliand	Design / Revision Date:	
t Manager:	01-01/09/2023 BL	
	02-09/07/2023 BL	

# **Sign D** Existing Pan Sign

#### Materials

#### Pan

• 1" deep .090 aluminum pan formed non-illuminated sign with full color digital

clip mounted to wall

Paint Colors

Vinyl Colors

Customer Approval Co/Title

Landlord Approval

Name

Co/Title

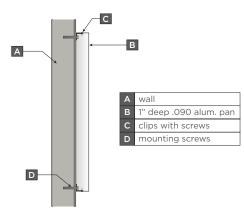
104'-0" frontage



**Existing Elevation View** 

Scale: 3/16"=1'-0"

SQFT: 25.00



Clip Mounted Alum. Pan - Cross Section Detail

Scale: NTS



Locations: 9200 Valley Rd. | 2507 W. Villa Rita Dr. Prescott Valley, Arizona 86314 Arizona 85023 800-257-5095 arizonasignsplus.com

Project: DenMart	Account Executive: Chris Gilliland	Design Number: 230020	03-10/18/2023 BL	Sheet:
Delimart	Ciris Gilliand	Design / Revision Date:		5 <sub>0</sub> =15
	Project Manager:	01-01/09/2023 BL		30-13
2733 N Recker Rd.   Mesa, AZ 85213	HJ	02-09/07/2023 BL		

# Sign E Face Lit Channel Letters

#### Materials

#### Letters

- 3/16" white acrylic
- 5" deep .040 alum. returns painted P2
- 1" white trim cap
- letters stud mounted to the wall
- remove existing signs and patch/paint wall as needed



Face View

Scale: 1/2"=1'-0"

SQFT: 43.18



#### Simulated Night View

Scale: 1/4"=1'-0"

Paint Colors P2 White

Vinyl Colors

Customer Approval		
Name	14'-5 <sup>3</sup> /8" 14.44'	
Co/Title		

Landlord Approval

Name

Co/Title

Date

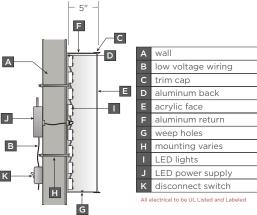


**Proposed West Elevation** 

Scale: 3/32"=1'-0"



**Existing Elevation** 



PC Letters / LEDs - Cross Section Detail

Scale: NTS

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with articolo.6(A) (1) of the National Electrical Code.

2018 IBC, 2011 NEC, 2012 IBC





Locations: 9200 Valley Rd.

2507 W. Villa Rita Dr. Arizona 86314 Arizona 85023

800-257-5095 arizonasignsplus.com

Proiect: **DenMart** 

**Project Location:** 2733 N Recker Rd. | Mesa, AZ 85213 **NOTE** - Field Verify Fascia Area Prior to Fabrication of Signs

Account Executive: Design 03-10/18/2023 BI Number: 230020 Chris Gilliland Design / Revision Date: 6 of 15 Project Manager: 01-01/09/2023 BL 02-09/07/2023 BL

# Sign F Existing Pan Sign

#### Materials

#### Pan

• 1" deep .090 aluminum pan formed non-illuminated sign with full color digital

• clip mounted to wall

Paint Colors

Vinyl Colors

Customer Approval Co/Title

Landlord Approval

Name

Co/Title

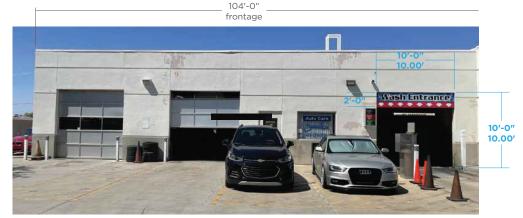
Date

Locations: 9200 Valley Rd. | 2507 W. Villa Rita Dr. Arizona 86314 Arizona 85023 800-257-5095 arizonasignsplus.com

Project: DenMart Project Location: 2733 N Recker Rd. | Mesa, AZ 85213 Account Executive: Chris Gilliland Project Manager:

Design Number: 230020 03-10/18/2023 BL Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

7 of 15



**Existing Elevation View** 

Scale: 1/8"=1'-0"

SQFT: 20.00

1" deep .090 alum. pan clips with screws mounting screws D-

Clip Mounted Alum. Pan - Cross Section Detail

Scale: NTS

#### Letters

- 3/16" white acrylic
- 5" deep .040 alum.
- returns painted black
- 1" black trim cap • internally illuminated with white LEDs
- mounted flush to canopy

Paint Colors

Vinyl Colors

Customer Approval

Landlord Approval

Name

Co/Title

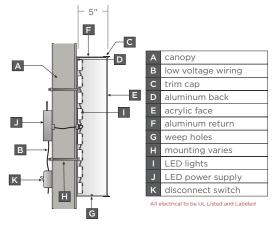
Co/Title

Date



**Existing North Elevation View** 

Scale: 3/32"=1'-0" SQFT: 20.00



PC Letters / LEDs - Cross Section Detail

Scale: NTS

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code requirements of Article 600 of the National Electrical Codi and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with arti-600.6(A) (1) of the National Electrical Code.

#### 2018 IBC, 2011 NEC, 2012 IBC





Locations: 9200 Valley Rd. 2507 W. Villa Rita Dr. Arizona 86314 Arizona 85023

Project:

9200 Valley Rd. Prescott Valley,	2507 W. Villa Rita Dr. Phoenix,	DenMart
Arizona 86314		Project Location:
800-257-5095	arizonasignsplus.com	2733 N Recker Rd.   Mesa, AZ 85213

Account Executive: Design Number: 230020 Chris Gilliland Design / Revision Date: Project Manager: 01-01/09/2023 BL 02-09/07/2023 BL

8 of 15

#### Logo

- 3/16" white acrylic faces with digital prints • 5" deep .040 alum.
- returns painted blue and
- 1" blue and red trim
- internally illuminated with white LEDs

• mounted flush to canopy

Paint Colors

Vinyl Colors

Customer Approval Co/Title Landlord Approval

Name

Co/Title

Date

Locations: Arizona 86314

9200 Valley Rd. | 2507 W. Villa Rita Dr. Arizona 85023 800-257-5095 arizonasignsplus.com

Project: DenMart Project Location: 2733 N Recker Rd. | Mesa, AZ 85213

SQFT: 5.00

Account Executive: Chris Gilliland Project Manager:

Design Number: 230020 Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

canopy low voltage wiring trim cap aluminum back acrylic face aluminum return weep holes mounting varies LED lights LED power supply

disconnect switch All electrical to be UL Listed and Labeled



juirements of Article 600 of the National Electrical Code
d/or other applicable local codes. This includes proper
ounding and bonding of the signs. The location of the
connect switch after installation shall comply with articl
0.6(A) (1) of the National Electrical Code.

8 IBC, 2011 NEC, 2012 IBC	LISTED
03-10/18/2023 BL	Sheet:
	9∘₁15

40'-0" canopy length



**Existing East Elevation View** 

Scale: 1/8"=1'-0"

PC Letters / LEDs - Cross Section Detail

Scale: NTS

#### Letters

- 3/16" white acrylic
- 5" deep .040 alum.
- returns painted black
- 1" black trim cap • internally illuminated
- with white LEDs • mounted flush to canopy



canopy low voltage wiring trim cap aluminum back acrylic face aluminum return weep holes mounting varies LED lights LED power supply disconnect switch All electrical to be UL Listed and Labeled PC Letters / LEDs - Cross Section Detail

**Existing South Elevation View** 

Scale: 3/32"=1'-0"

SQFT: 20.00

Customer Approval

Paint Colors

Vinyl Colors

Co/Title

Landlord Approval

Name

Co/Title

Date

Locations: 9200 Valley Rd. 2507 W. Villa Rita Dr. Arizona 86314 Arizona 85023 800-257-5095 arizonasignsplus.com

Project: **DenMart** Project Location: 2733 N Recker Rd. | Mesa, AZ 85213 Account Executive: Chris Gilliland Project Manager:

Design Number: 230020 Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

Scale: NTS

requirements of Article 600 of the National Electrical Code requirements of Article 600 of the National Electrical Codi and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with arti-600.6(A) (1) of the National Electrical Code.

2018 IBC, 2011 NEC, 2012 IBC



This sign is intended to be installed in accordance with the 10 of 15

#### Logo

- 3/16" white acrylic faces with digital prints
- 5" deep .040 alum. returns painted blue and
- 1" blue and red trim
- internally illuminated with white LEDs
- mounted flush to canopy

Paint Colors

Vinyl Colors

Customer Approval Co/Title Landlord Approval

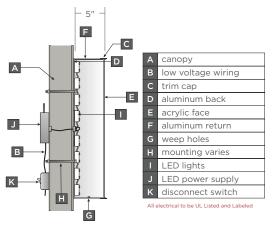
Name

Co/Title



**Existing West Elevation View** 

Scale: 1/8"=1'-0" SQFT: 20.00



PC Letters / LEDs - Cross Section Detail

Scale: NTS

Chris Gilliland

Project Manager:

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with artic 600.6(A) (1) of the National Electrical Code.







Locations: Arizona 86314

Project: 9200 Valley Rd. 2507 W. Villa Rita Dr. Arizona 85023 800-257-5095 arizonasignsplus.com

DenMart	
Project Location:	
2733 N Recker Rd.	Mesa, AZ 85213

Account Executive: Design Number: 230020 Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

11of15

# Site Map

#### Legend

Existing Monument Sign



New Monument

— Property Line

Visibility Triangle



Scale: 1"=60'-0"



Co/Title

Customer Approval

Landlord Approval

Name

Co/Title

Locations: 9200 Valley Rd. Prescott Valley, Arizona 86314 2507 W. Villa Rita Dr. Phoenix, Arizona 85023 **800-257-5095** arizonasignsplus.com 2733 N Recker Rd. | Mesa, AZ 85213

	Project:	
r.	DenMart	
	Project Location:	

Account Executive:		
Chris Gilliland	Νι	
Citis Gilliand	De	
Project Manager:	01	
l HJ	02	

Design Number: 230020	03-10/18/2023 BL	Sheet:
Design / Revision Date:		12'
01-01/09/2023 BL		<b>1 2</b> 0F
02-09/07/2023 BL		

# Site Map

Legend

Existing Monument Sign

New Monument



Date





13°15



Locations: Prescott Valley, Arizona 86314

9200 Valley Rd. 2507 W. Villa Rita Dr. Arizona 85023 **800-257-5095** arizonasignsplus.com 2733 N Recker Rd. | Mesa, AZ 85213

,
DenMart
Project Location:

	Account Executive:	Design 07000	03-10/18/2023 BL
	Chris Gilliland	Number: 230020	
		Design / Revision Date:	
Project Manager:		01-01/09/2023 BL	
	HJ	02-09/07/2023 BI	

# Sign M1 - Existing Monument Sign to Remain - Retrofit New Sign faces to Match Existing

#### Materials

#### 1. Refurbish Existing

- · LED retrofit existing sign with new internal leds.
- D/F C45 with TECHRON & Car Wash ACP's. Faces only

#### **Paint Colors**

- PMS 2935C (3120SL Arlon)
- (3M Regal 3630-83)

- (3M 3630-26)

#### **Customer Approval**

Co/Title

Landlord Approval

Name

SGNSPLUS Co/Title Date

Locations: 9200 Valley Rd. Arizona 86314

2507 W. Villa Rita Dr. Arizona 85023

800-257-5095 arizonasignsplus.com

Proiect: **DenMart** 

**Project Location:** 2733 N Recker Rd. | Mesa, AZ 85213 Account Executive: Chris Gilliland Project Manager:

Number: 230020 Design / Revision Date: 01-01/09/2023 BL 02-09/07/2023 BL

14 of 15

Vinyl Colors

PMS 186C

(3M Process 3630-337)

(3M 3630-53)

**V4** PMS 431C

PMS 3415

# Gasoline Self Serve Chevron **553**<sup>%</sup> Diesel No. 2 589% Car Wash TECHRON

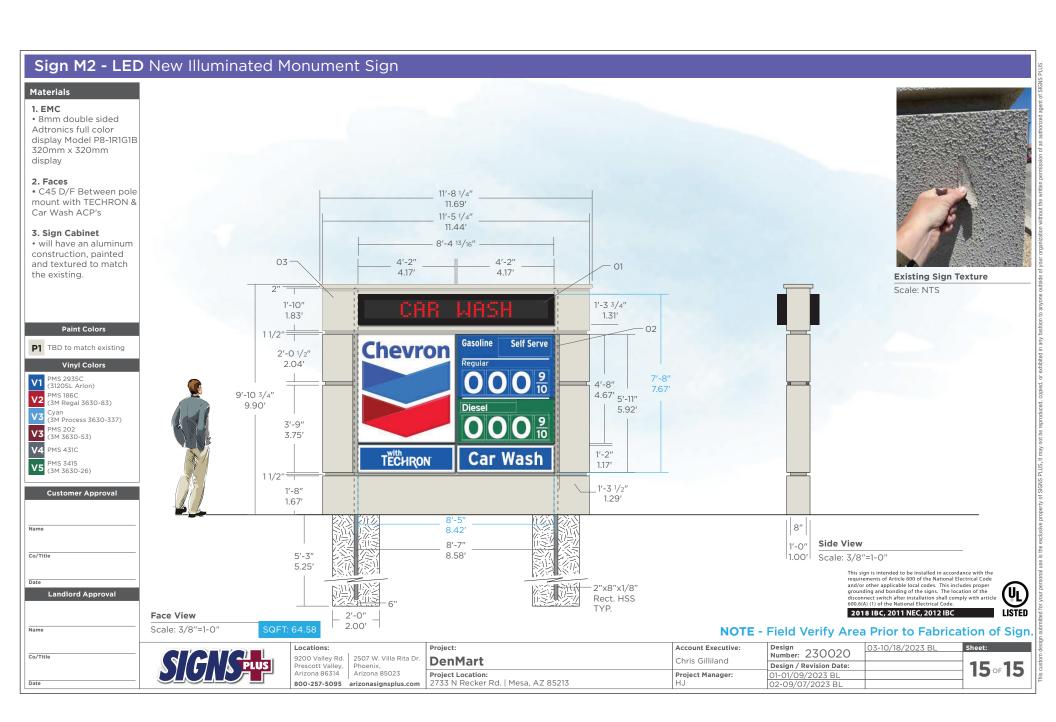
Face View

Scale: 1/2"=1'-0"

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the signs. The location of the disconnect switch after installation shall comply with article 600.6(A) (1) of the National Electrical Code.

2018 IBC, 2011 NEC, 2012 IBC

**NOTE** - Field Verify Area Prior to Fabrication of Sign 03-10/18/2023 BL





11545 W. BERNARDO COURT, SUITE 201 SAN DIEGO, CA 92127 PROJECTMANAGER@SULLAWAYENG.COM PHONE: 1-858-312-5150 FAX: 1-858-777-3534

PROJECT: CHEVRON, 2733 N. RECKER RD., MESA, AZ

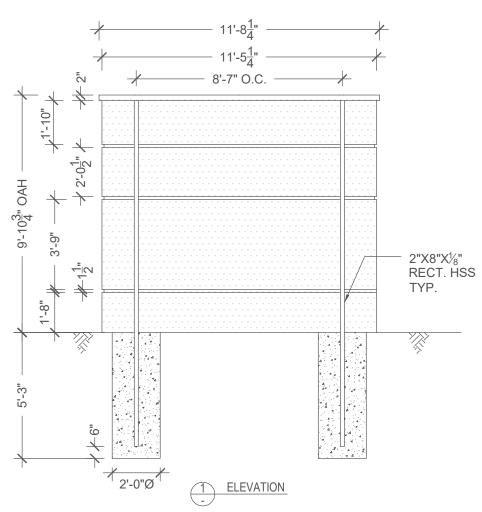
PROJECT #: 38071

CLIENT: ARIZONA SIGNS PLUS

PHONE: 1-858-312-5150 FAX: 1-858-777-3534 DATE: 12/6/2022

LAST REVISED:

ENGINEER: TH



#### **GENERAL NOTES**

- 1. DESIGN CODE: IBC 2018
- 2. DESIGN LOADS: ASCE 7-16
- 3. WIND VELOCITY 105 MPH EXPOSURE C
- 4. CONCRETE 2500 PSI MINIMUM
- 5. RECT. HSS STEEL ASTM A500 GR. B,  $F_v = 46$  KSI MIN.
- 6. PROVIDE MIN. 3" CLEAR COVER ON ALL STEEL EMBEDDED IN CONCRETE WHEN CAST AGAINST SOIL
- 7. LATERAL SOIL BEARING PER IBC CLASS 4 (150 PSF/FT)
- 8. PROVIDE PROTECTION AGAINST DISSIMILAR METALS
- 9. ALL DIMENSIONS TO BE VERIFIED PRIOR TO FABRICATION





PROJECT: CHEVRON DATE: 12/6/2022 PROJ. NO.: 38071 ENGINEER: TH

CLIENT: ARIZONA SIGNS PLUS

units; pounds, feet unless noted otherwise

# Applied Wind Loads: from ASCF 7-16

Applie	a wina Lo	ads; tro	m ASC	E /-16							
	$F=q_z*G*C_f*A$	<b>∖</b> f	with q <sub>z</sub>	= 0.002	$256K_zK_{zt}K_c$	$_{1}V^{2}$	(29.3.2 8	k 29.4)			
	C <sub>f</sub> =	1.404	(Fig. 29	.3-1)	2 pole C	f factor=	0.97		r	nax.	height= 9.90
	$K_{zt}$ =	1.0	(26.8.2) (=	=1.0 unles	s unusual la	ndscape)					
	K <sub>z</sub> =	from table	28.3-1			Ex	posure=	С			
	$K_d =$	0.85	for signs	s (table 2	26.6-1)						
	V=	105	mph		•						
	G=	0.85	(26.9)				weight=	1.133	kips		
	s/h=	0.999	,				M <sub>DI</sub> =		k-ft		
	B/s=						DL				
Pole	structure	height at			pressure			Wind			
Loads	component	section c.g.	$K_z$	$q_z$	$q_z*G*C_f$	$A_f$	shear	Moment M <sub>W</sub>	_		
	1	0.83	0.850	20.4	24.34	19.06	464	387			
	2	1.73	0.850	20.4	24.34	1.41	34	59			
	3	3.67	0.850	20.4	24.34	42.89	1044	3828			
	4	5.60	0.850	20.4	24.34	1.41	34	192			
	5	6.69	0.850	20.4	24.34	23.35	568	3801			
	6	7.77	0.850	20.4	24.34	1.41	34	266			
	7	8.75	0.850	20.4	24.34	20.97	510	4466			
	8	9.79	0.850	20.39	24.34	2.77	67	659	_		
						113.27	2757	13.66	$(M_w)$	k-ft	arm= 5.0
t	wo pole distribut	ion factor *b*	s (asce fig.	29.4-1 ):	x 0.71		1952	9.67			
	for s	/h=1, add 10	% (asce fig	. 29.4-1):	x 1.10			10.64			
		P <sub>u</sub> =		kip			M=	10.64	k-ft	M=s	$qrt(M_{DL}^2 + M_w^2)$
	M <sub>u</sub> =sqrt(1.2M <sub>D</sub>	$_{L}^{2}+1.0M_{W}^{2})=$	10.64	k-ft							

# Pole Design section; tube

$M_u \le \phi M_n$ wit	th $M_n = f_y Z$	f <sub>y</sub> =	46 ksi	φ=	0.9		
	Н	$M_u(k-ft)$	Z req'd. (in)	Size(in)	t (in)	Z	USE
_	at grade	10.64	3.08	4	0.174	3.7	2x8x1/8" Rect. HSS, φMn=17.6 k-ft

#### **Footing Design** footprint: round

ω= 1.3	IBC 1605.3.2	IBC Table 1806.2, section	ons 1806.3.4, 1807.3.2	S=(1.3x2x150 psf/ft)	
P= 1.52	kip	$S1 = S \times d / 3$	$A = 2.34 \times P / (S^2)$	1 x b) S= 400	
S1= 696		d =0.5xA (1+ (1+4.36	6x h/A) ^.5)	IBC 1807.3.2.1	
A= 2.56					

footing: 2' - 0" dia. 5' - 3" deep

#108 - 7311 Vantage Way, Delta B.C. Canada V4G 1H9 1.877.713.1896 support@adtronics.net

## December 22, 2022

Signs Plus 2507 W Villa Rita Dr. Phoenix, AZ 85023

RE: LED Digital Sign Illumination Project: DenMar Corp - Chevron

## To Whom It May Concern:

Per city ordinance - 11-43-5-B, the sign in question is configured not to exceed an illumination level of 0.3 foot candles above ambient light as measured at a distance based on sign area measured as follows: (measurement distance = square root of sign area (sq.ft)  $\times$  100).

Area of Sign	Measurement	Area of Sign	Measurement
sq.ft	distance (ft)	sq.ft	distance (ft)
10	32	15	39
20	45	25	50
30	55	35	59
40	63	45	67
50	71	55	74
60	77	65	81
70	84	75	87
80	89	85	92
90	95	95	97
100	100		

This sign is equipped with an auto brightness control sensor (photocell) that detects ambient light levels and adjusts the display luminosity automatically according to ambient light. It can further limit the maximum allowable light output.

# adtronics

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