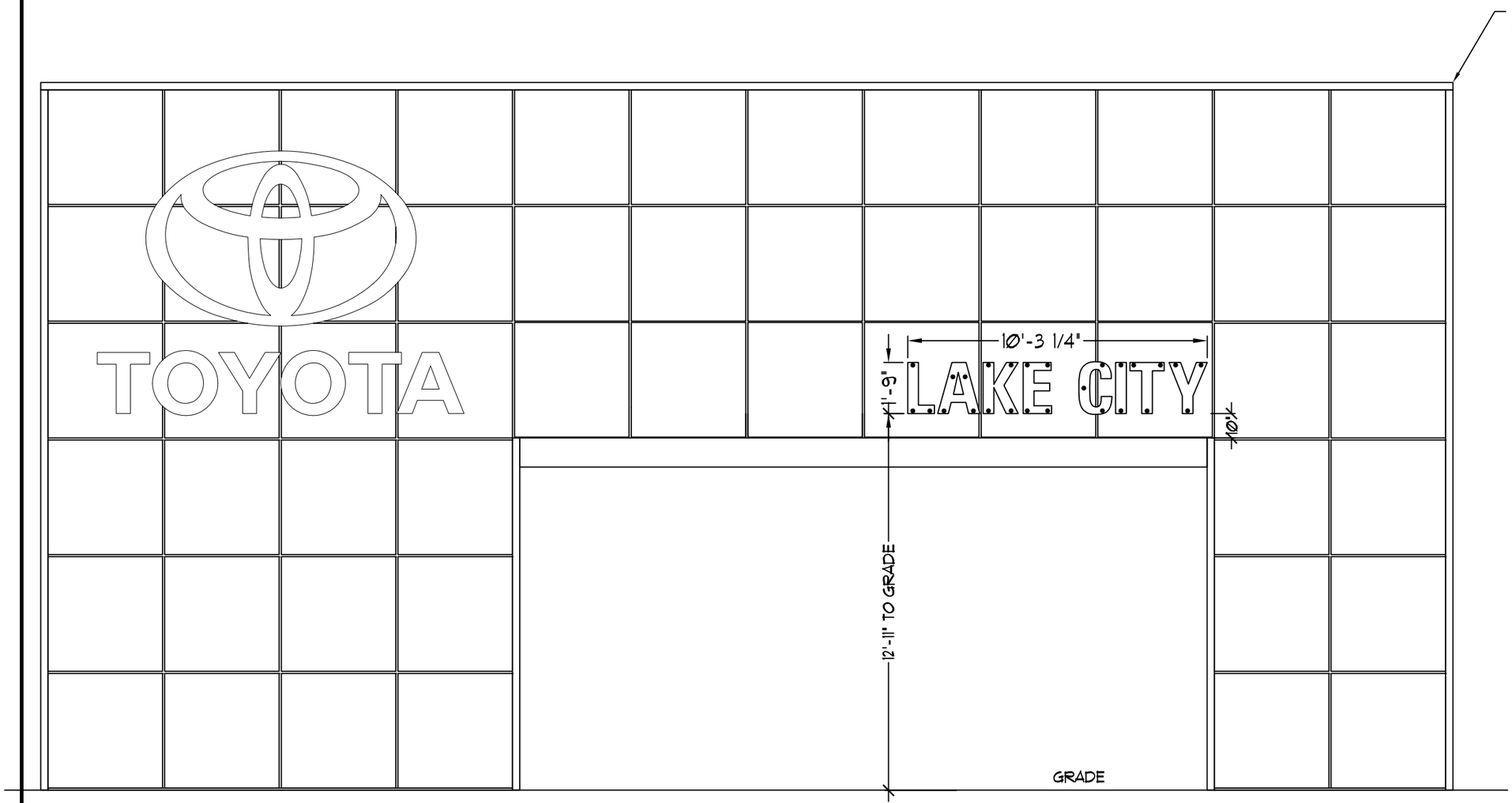

DEALER NAME ELEVATION

LETTER INSTALLATION NOTES

1. CLEAN GLASS THOROUGHLY TO ENSURE PROPER BOND.
2. MIX SMALL AMOUNT OF EPOXY GEL, AND APPLY ACCORDING TO MANUFACTURER'S SPECIFICATIONS OVER ENTIRE SURFACE OF GLUE PADS.
3. POSITION LETTER ON GLASS.
4. HOLD LETTER IN PLACE FOR 24 HOURS UTILIZING CLEAR DUCT TAPE WHILE EPOXY GEL CURES.
5. ONCE DUCT TAPE HAS BEEN REMOVED, CLEAN LETTERS OF ANY DEBRIS AND ANY TAPE ADHESIVE THAT REMAINS ON THE LETTERS FROM THE INSTALLATION PROCESS.
6. CLEAN JOBSITE OF ALL INSTALLATION DEBRIS.

DO NOT USE GRAPHICS
SHOWN ON THIS DRAWING
FOR PRODUCTION REFER TO
PRODUCTION ELECTRONIC FILES

INSTALLATION ADDRESS:

TOYOTA OF LAKE CITY
1232 W. U.S. HWY 90
LAKE CITY, FL 32055

CLIENT:

Pattison Sign Group
Powering Your Brand

555 ELLESMERE ROAD
SCARBOROUGH, ONTARIO, CANADA M1R 4E8

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

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

SEAL & SIGNATURE:

Imad Kashif

Digitally signed by Imad Kashif
DN: c=US, st=Tennessee, l=Knoxville, o=Link Engineering, LLC, cn=Imad Kashif, email=ikashif@linkengr.com
Date: 2023.08.10 11:48:22 -04'00'

IMAD N. KASHIF
LICENSE
No. 41374
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

8/10/23

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:
23-0527	B1322572

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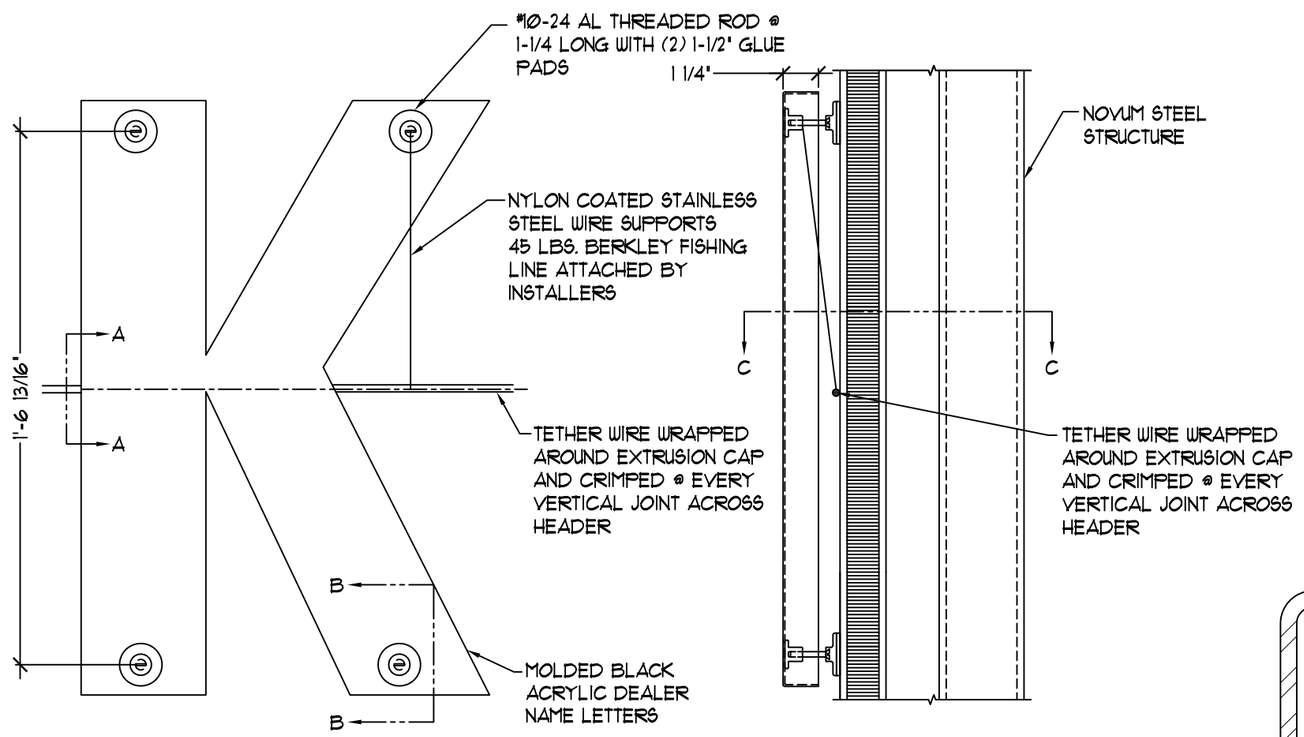
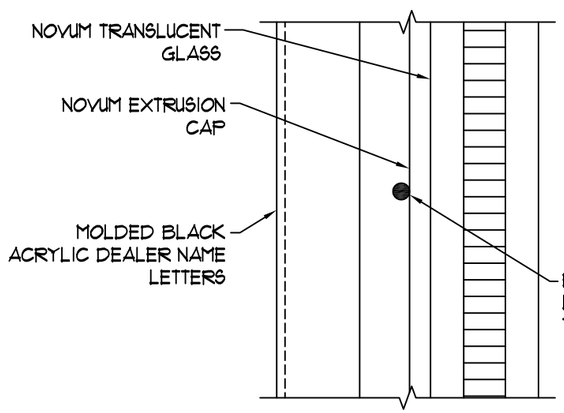
1	3	8/10/23	GHK

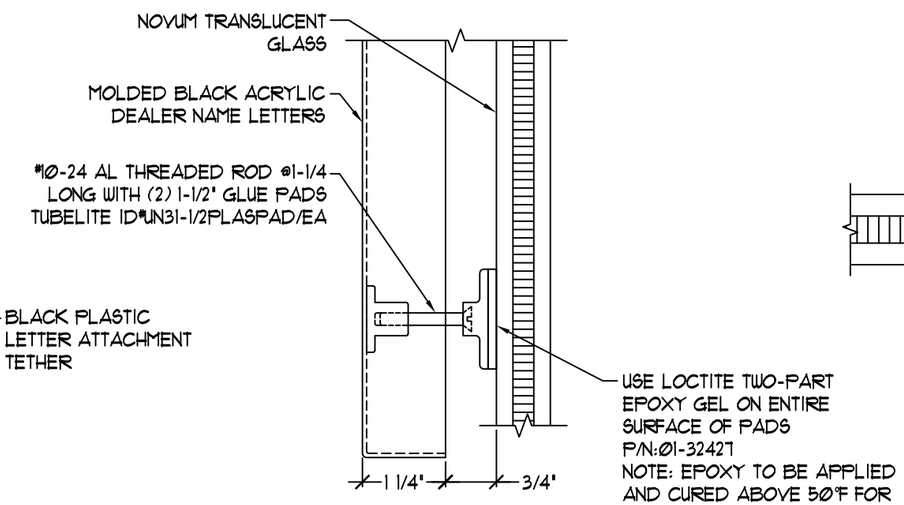


TYPICAL NON-ILLUMINATED DEALER NAME LETTER INSTALLATION

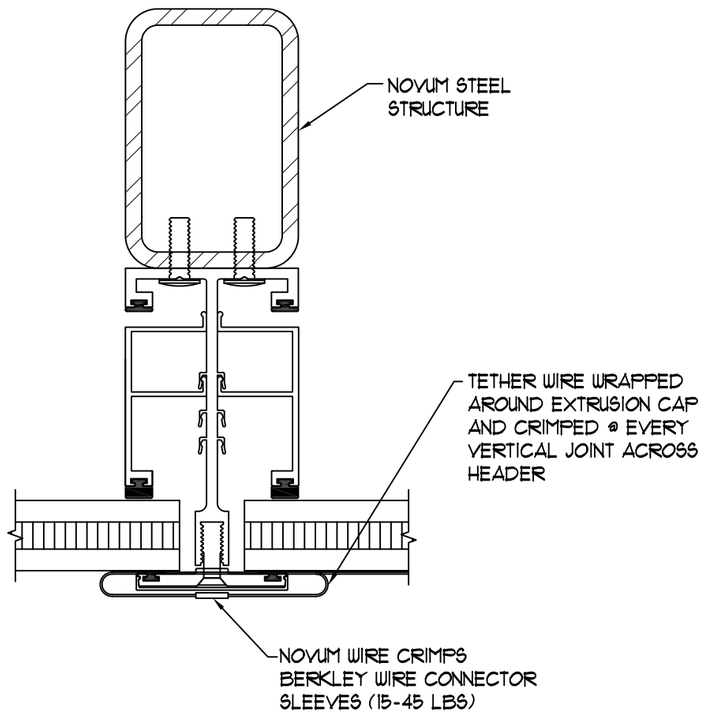
TYPICAL SECTION



SECTION A-A



SECTION B-B



SECTION C-C

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LAKE CITY, FL 32055

CLIENT:

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Powering Your Brand
555 ELLESMERE ROAD
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LINK ENGINEERING

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Calculations for Drawing B1322572 PDNN-21 23-0527

8/10/2023

GHK

Florida Building Code 7th Ed (2020) Cat II

120 MPH Exp C Zone 5 14'-0" maximum above grade

0 psf Ground Snow Load

Treated as Components & Cladding P = -22.02 PSF

0 psf Calculated Ground Snow Load

Estimate weight 5.000 psf

Region	Area	Area	Est Wt	Wind		Top Row	Fastener Row		Max	Average	Avg
	Load	Fastener	Fastener	Spacing	Depth	Tension	Shear	Ten			
	in^2	ft^2	lb	lb	Qty	Qty	in	in	lb	lb	lb
L	115.26	0.800	4.002	-17.626	3	1	18.813	2.000	6.088	1.334	5.875
A	191.51	1.330	6.650	-29.287	4	2	13.500	2.000	7.568	1.662	7.322
K	190.75	1.325	6.623	-29.170	4	2	18.813	2.000	7.469	1.656	7.293
E	159.76	1.109	5.547	-24.431	4	2	18.813	2.000	6.255	1.387	6.108
C	162.35	1.127	5.637	-24.827	3	1	18.813	2.000	8.575	1.879	8.276
I	92.56	0.643	3.214	-14.155	2	1	18.813	2.000	7.248	1.607	7.077
T	126.01	0.875	4.375	-19.270	3	2	18.813	2.000	6.540	1.458	6.423
Y	141.49	0.983	4.913	-21.637	3	2	18.813	2.000	7.343	1.638	7.212

Maximum Fastener Tension = 8.6 LB

Maximum Fastener Shear = 1.9 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 14 Ft

Fastener 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 = 0.84 (Table 26.10-1)

Kd = 0.85 (Table 26.6-1)

Kzt = 1.00 (Section 26.8)

V = 120 mph

Ke = 1

q = 26.22 psf

GCp = -1.4 (From Figure 30.3-1 for h<= 60 ft and from Figure 30.5-1 for h> 60 ft)

GCp = 1

p = -36.70 psf

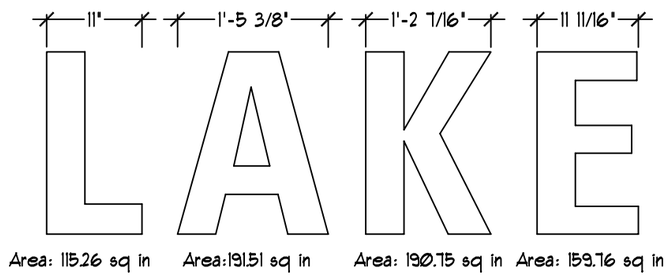
Load Combination: D + 0.6W (Section 2.4.1)

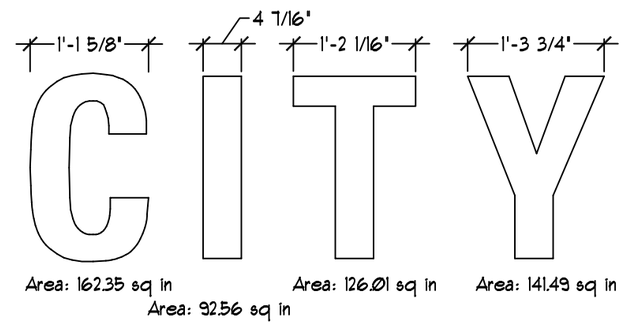
Design Wind Pressure = 0.6W = **-22.02 psf**

Design Wind Pressure = 0.6W = **15.73 psf**

General Notes:

1. Design is based on a 120 mph, 3 second gust wind design per Florida Building Code 7th Ed. (2020). Category II, Exposure C. Components and Cladding, Zone 5.
2. No additional wind catching surfaces are added to the building structure. The customer's building engineer is to determine the adequacy of the supporting structure.
3. All fasteners shall be zinc coated to prevent corrosion.
4. All penetrations shall be sealed to prevent water intrusion.
5. Existing site conditions are as reported by PATTISON SIGN GROUP. Should field conditions differ from what is shown on this drawing, cease all work and contact PATTISON SIGN GROUP immediately for direction. The scope of this engineer does not include onsite observations.
6. 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.
7. 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.
8. The structure designed on this drawing is intended to be installed at the address shown and should not be used at any other location.





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