

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



555 ELLESMERE ROAD SCARBOROUGH, ONTARIO, CANADA M1R 4E8

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All designs and plans indicated on this drawing are created specifically for the noted project and are the sole property of LINK Engineering, L.L.C. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of LINK Engineering, L.L.C. Disclosure of any of the information enclosed within, without consent of the owner, is a violation of intellectual property and shall not be tolerated.

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

Imad

Digitally signed by Imad Kashif

DN: c=US, st=Tennessee, I=Knoxville, o=Link Engineering, LLC,

Kashif email=ikashif@linkengr.com Om Date: 2023.08/10

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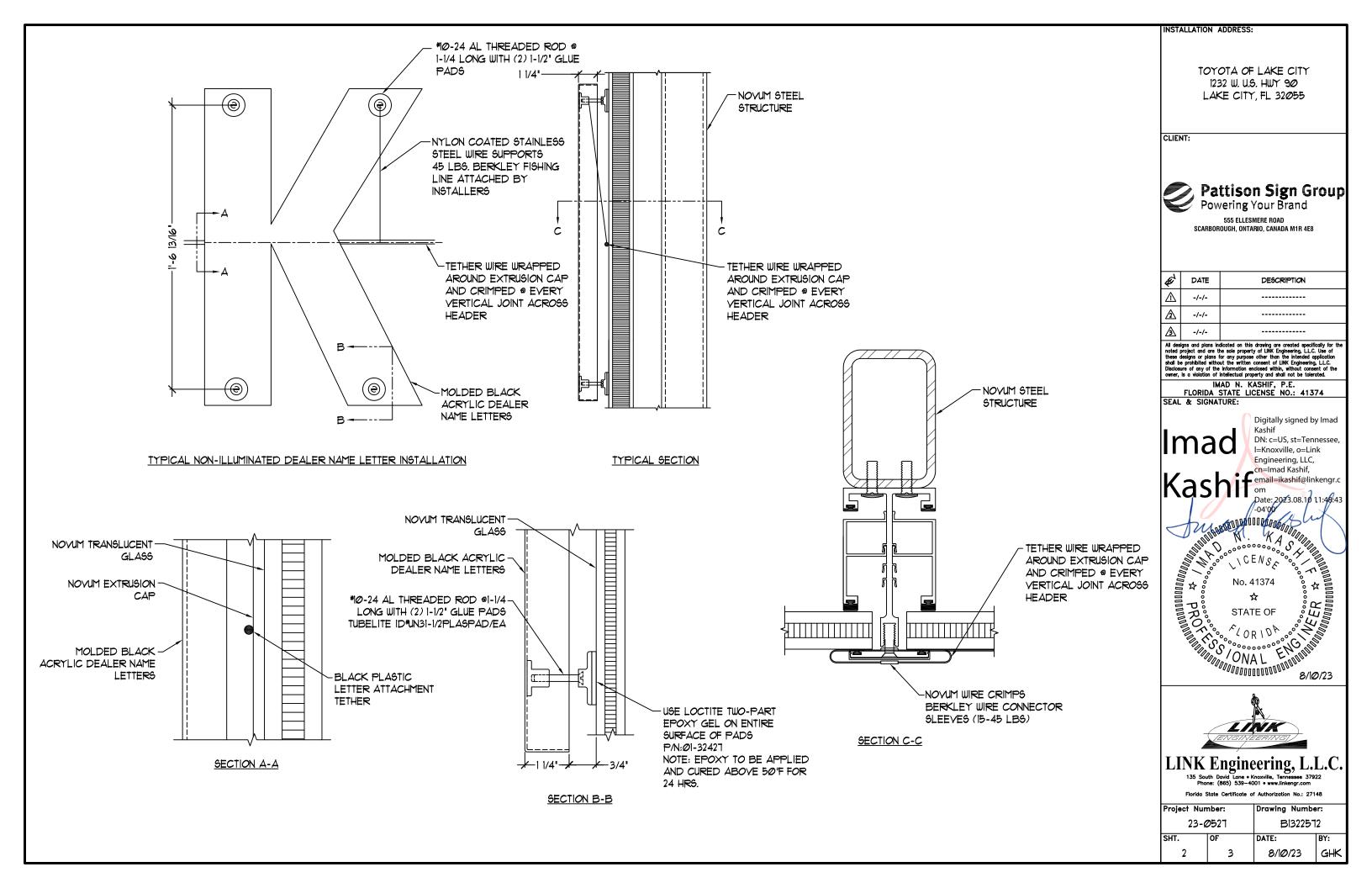
| A SHA



LINK Engineering, L.L.C 135 South David Lane • Knoxville, Tennessee 37922 Phone: (865) 539-4001 • www.linkengr.com

Project Number: Drawing Number:

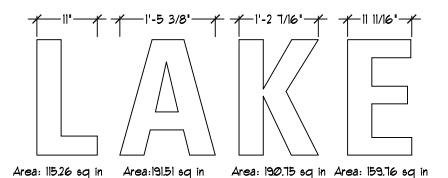
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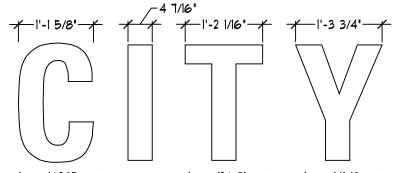


rea (n² 5.26 1.51 0.75 9.76 2.35 2.56 6.01 1.49 stener	Area ft² 0.800 1.330 1.325 1.109 1.127 0.643 0.875 0.983 Tension =	14'-0" max	Cat II cimum abov P = psf Wind Load Ib -17.626 -29.287 -29.170 -24.431 -24.827 -14.155 -19.270 -21.637	-22.02 Fastener Qty 3 4 4 3 2 3 3		Fastener Row Spacing in 18.813 13.500 18.813 18.813	Depth in 2.000 2.000		Average Shear Ib 1.334	8/10/2023 GHK oad und Snow I Avg Ten Ib 5.875	Load
rea (n² 5.26 1.51 0.75 9.76 2.35 2.56 6.01 1.49 stener	Zone 5 & Cladding Area ft² 0.800 1.330 1.325 1.109 1.127 0.643 0.875 0.983 Tension =	14'-0" max 5.000 Est Wt 1b 4.002 6.650 6.623 5.547 5.637 3.214 4.375 4.913	P = psf Wind Load lb -17.626 -29.287 -29.170 -24.431 -24.827 -14.155 -19.270	-22.02 Fastener Qty 3 4 4 3 2 3	Top Row Fastener Qty 1 2 2 2	Spacing in 18.813 13.500 18.813 18.813	Depth in 2.000 2.000	Max Tension Ib 6.088	Average Shear Ib 1.334	Avg Ten	Load
rea	Area ft² 0.800 1.330 1.325 1.109 1.127 0.643 0.875 0.983	5.000 Est Wt 1b 4.002 6.650 6.623 5.547 5.637 3.214 4.375 4.913	P = psf Wind Load lb -17.626 -29.287 -29.170 -24.431 -24.827 -14.155 -19.270	-22.02 Fastener Qty 3 4 4 3 2 3	Top Row Fastener Qty 1 2 2 2	Spacing in 18.813 13.500 18.813 18.813	Depth in 2.000 2.000	Max Tension Ib 6.088	Average Shear Ib 1.334	Avg Ten	Load
rea 102 5.26 1.51 0.75 9.76 2.35 2.56 6.01 1.49 stener	Area ft² 0.800 1.330 1.325 1.109 1.127 0.643 0.875 0.983 Tension =	5.000 Est Wt Ib 4.002 6.650 6.623 5.547 5.637 3.214 4.375 4.913	psf Wind Load Ib -17.626 -29.287 -29.170 -24.431 -24.827 -14.155 -19.270	Fastener Qty 3 4 4 3 2 3	Top Row Fastener Qty 1 2 2 2	Spacing in 18.813 13.500 18.813 18.813	Depth in 2.000 2.000	Max Tension Ib 6.088	Average Shear Ib 1.334	Avg Ten	Load
rea 102 5.26 1.51 0.75 9.76 2.35 2.56 6.01 1.49 stener	Area ft² 0.800 1.330 1.325 1.109 1.127 0.643 0.875 0.983 Tension =	5.000 Est Wt Ib 4.002 6.650 6.623 5.547 5.637 3.214 4.375 4.913	psf Wind Load Ib -17.626 -29.287 -29.170 -24.431 -24.827 -14.155 -19.270	Fastener Qty 3 4 4 3 2 3	Top Row Fastener Qty 1 2 2 2	Spacing in 18.813 13.500 18.813 18.813	Depth in 2.000 2.000	Max Tension Ib 6.088	Average Shear Ib 1.334	Avg Ten Ib	
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9.76 2.35 2.56 6.01 1.49 stener	1.109 1.127 0.643 0.875 0.983 Tension =	5.547 5.637 3.214 4.375 4.913	-24.431 -24.827 -14.155 -19.270	4 3 2 3	2	18.813		7.469	1.656	7.293	
2.35 2.56 6.01 1.49 stener	1.127 0.643 0.875 0.983 Tension =	5.637 3.214 4.375 4.913	-24.827 -14.155 -19.270	3 2 3	1	Annual Control of the	2.000	6.255	1.387	6.108	
2.56 6.01 1.49 stener	0.643 0.875 0.983 Tension =	3.214 4.375 4.913	-14.155 -19.270	2		18.813	2.000	8.575	1.879	8.276	
6.01 1.49 stener	0.875 0.983 Tension =	4.375 4.913	-19.270	3		18.813	2.000	7.248	1.607	7.077	
1.49 stener	0.983 Tension =	4.913							- interior		
stener astene	Tension =		-21.03/		2	18.813 18.813	2.000	6.540 7.343	1.458 1.638	6.423	
astene		8.6		- 0	2	10.813	2.000	7.343	1.038	7.212	
astene			LB								
	r Shear =										
		1.9	LB								
Signag	ge - Treated	as Compo	onents & C	ladding							
Speed		mph				igure 26.5-1B					
osure	С			Zg =	900						
Zone	5			Alpha =	9.5						
Height		Ft									
r Area	<10	Ft ²									
rmino	wind proces	iro from AS	SCE 7-16 C	hanter 30							
imine v	viria pressu	ire irom As	SCE 7-10 C	napter 30							
oter 30:	Wind Loa	ds - Comr	ponents & 0	Cladding							
p = q* (GCp - Gcpi)				(eq. 30.3-1 or 30.5-1)					
						ĺ					
.00256	* Kz * Kzt	* Kd * Ke	* V^2	(eq. 26.1)	0-1)						
Kz =	0.84			(Table 26	.10-1)						
Kd =	0.85			(Table 26	.6-1)						
Kzt =	1.00			(Section							
V =	120	mph		-01							
Ke =	1	- N									
q =	26.22	psf									
			200 00-000								
		(From Figu	ure 30.3-1 fo	or h<= 60	ft and from	Figure 30.5-1 fo	r h> 60 ft)				
=	1										
	-36 70	nef	1								
n =	-50.70	pai	1								
p =	ination:	D + 0.6W		(Section	2.4.1)						
	d Pressure	e = 0.6W =	-22.02	psf							
l Comb		= 0.6\0/ =	15 73	nsf							
=	omb	= -36.70 ombination: Wind Pressure	= -36.70 psf ombination: D + 0.6W Wind Pressure = 0.6W =	1 = -36.70 psf ombination: D + 0.6W Wind Pressure = 0.6W = -22.02	= -36.70 psf	1 = -36.70 psf ombination: D + 0.6W (Section 2.4.1) Wind Pressure = 0.6W = -22.02 psf	1 = -36.70 psf ombination: D + 0.6W (Section 2.4.1) Wind Pressure = 0.6W = -22.02 psf	1 = -36.70 psf ombination: D + 0.6W (Section 2.4.1) Wind Pressure = 0.6W = -22.02 psf	1	1 = -36.70 psf ombination: D + 0.6W (Section 2.4.1) Wind Pressure = 0.6W = -22.02 psf	1

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.





Area: 162.35 sq in

Area: 126.01 sq in Area: 141.49 sq in

Area: 92.56 sq in

NSTALLATION ADDRESS:

TOYOTA OF LAKE CITY 1232 W. U.S. HWY 90 LAKE CITY, FL 32Ø55

CLIENT:



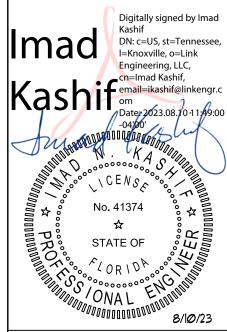
555 ELLESMERE ROAD SCARBOROUGH, ONTARIO, CANADA M1R 4E8

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

SEAL & SIGNATURE:





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 Num	Drawing Number:		
2	3 <i>-0</i> 527	B13225	B1322572		
SHT.	OF	DATE:	BY:		
3	3	8/10/23	GHK		