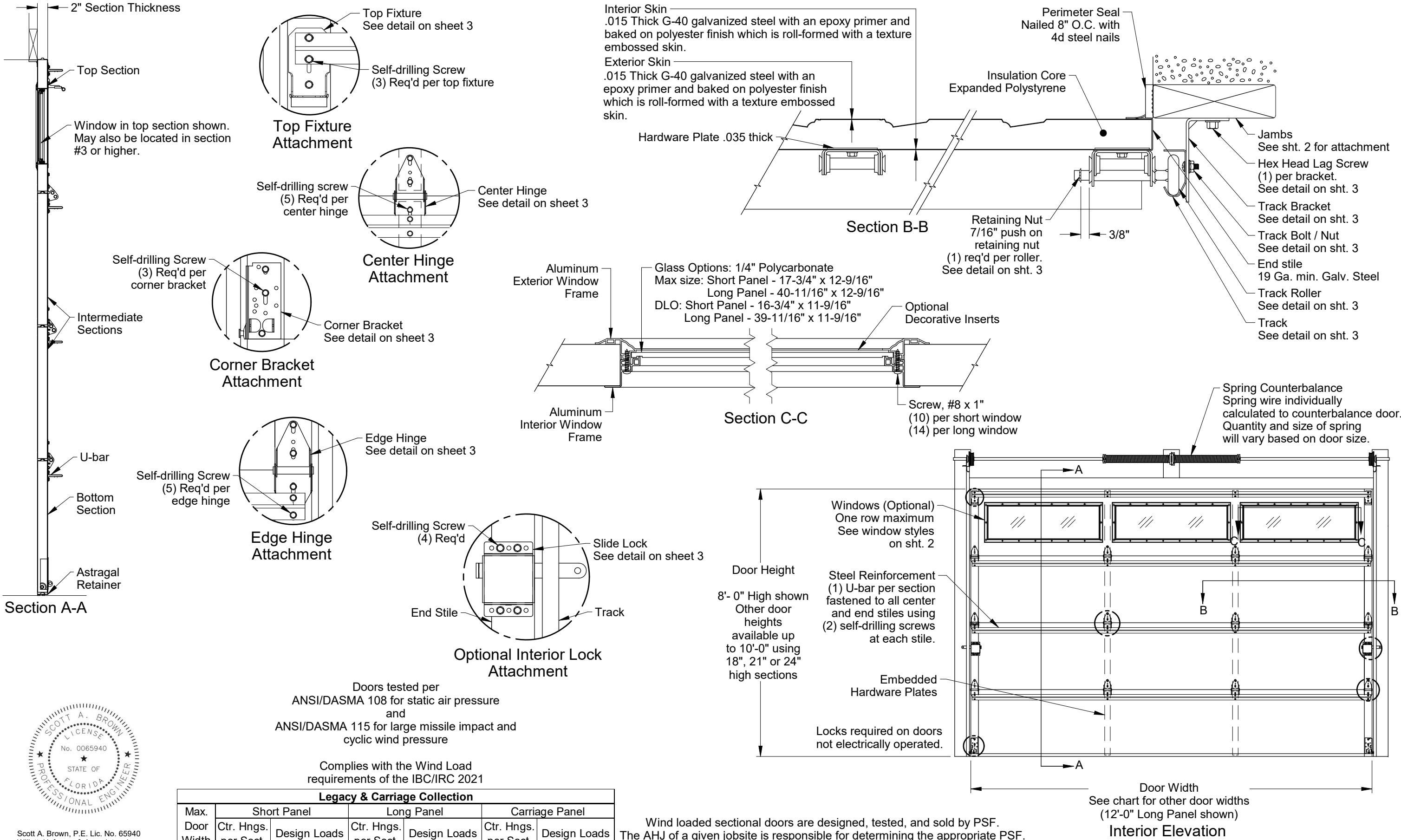




Doors tested per
ANSI/DASMA 108 for static air pressure
and
ANSI/DASMA 115 for large missile impact and
cyclic wind pressure

Complies with the Wind Load
requirements of the IBC/IRC 2021

Legacy & Carriage Collection

Max. Door Width	Short Panel		Long Panel		Carriage Panel	
	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads
8'-0"	1	39.3 -44.4	1	39.3 -44.4	1	39.3 -44.4
9'-0"	1		1		1	
10'-0"	2	20.1 -22.8	1	20.1 -22.8	1	19.1 -21.6
12'-0"	2		2		2	

Wind loaded sectional doors are designed, tested, and sold by PSF.
The AHJ of a given jobsite is responsible for determining the appropriate PSF.

A	New drawing.	9019.01	01/10/24
Rev.	Description	ECO	Date

Scale: None
Drawn by: J. Poitras
Checked by: G. Wedekind
Date: 01/10/24
ECO: 9019.01

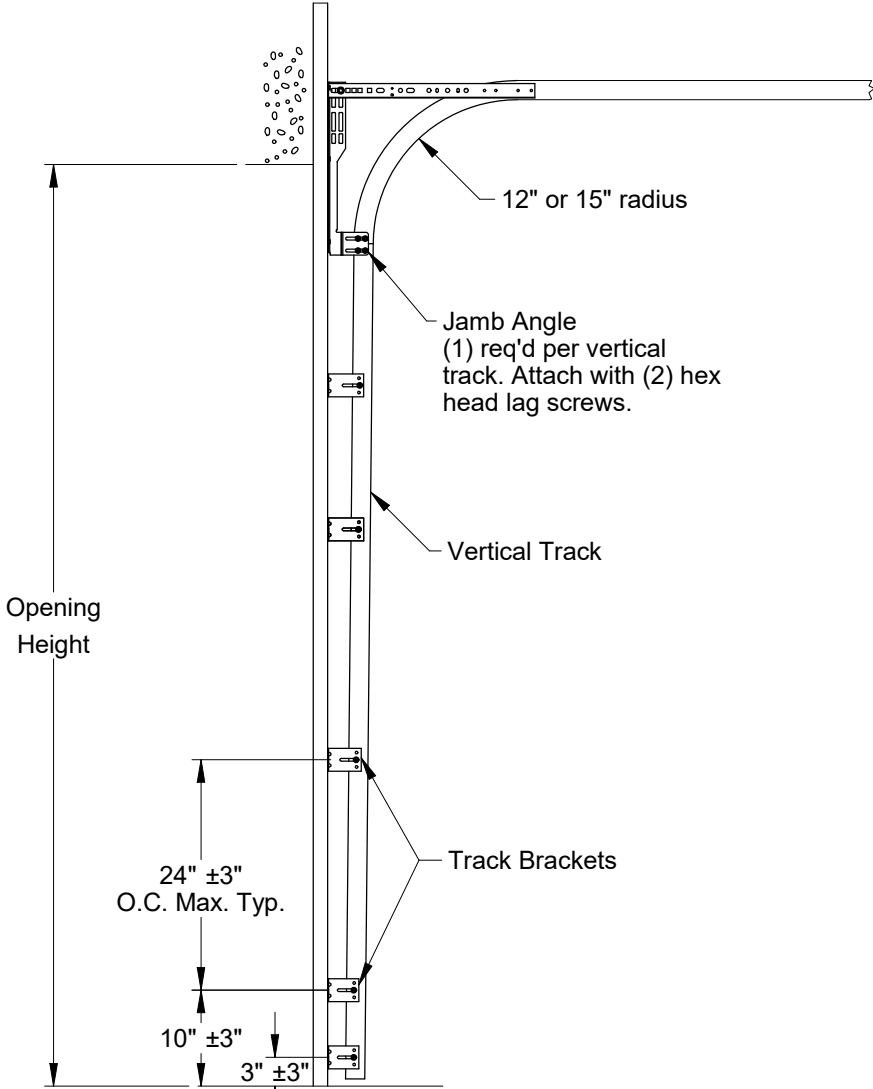


Title: Spec, Wind Load Legacy & Carriage Collection			
No.	P-6006	Sheet 1 of 3	Rev A

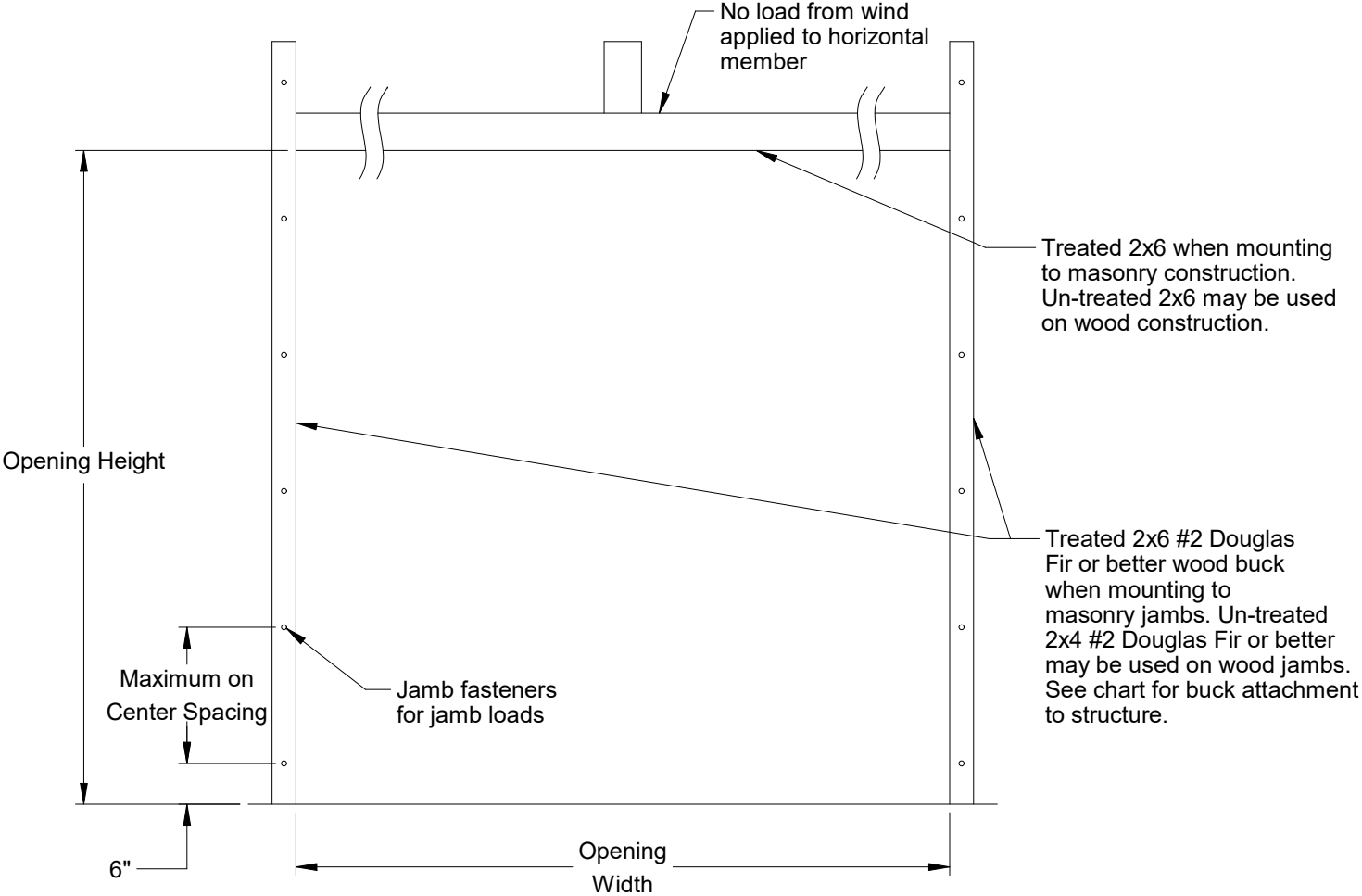


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809 E. 2nd Street, Dixon, IL 61021
FBPE CA Lic. No. 35415
Structural Adequacy for Wind Load

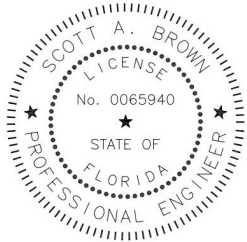
Digitally signed by Scott A Brown
Date: 2024.02.19 17:56:28-06'00'



Typical Track Installation
Normal headroom track shown
Low headroom and lift clearance available

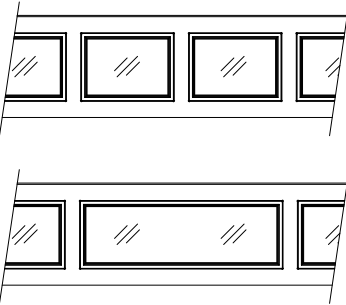


- Jamb Attachment Notes:
1. Maximum Positive Load per Jamb = (9'-0" x 39.3 PSF) / 2 = 177 lbs. per foot.
 2. Maximum Negative Load per Jamb = (9'-0" x -44.4 PSF) / 2 = 200 lbs. per foot.
 3. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the jamb loads listed in notes 1 and 2.
 4. Alternate jamb attachments may be used if approved by a registered Professional Engineer.
 5. DASMA Technical Data Sheet TDS-161 may be used for alternate jamb attachments.
 6. 3/8" diameter lag screws required 1/16" pilot hole and 1-1/2" minimum required distance.



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Date: 2024.02.19 17:56:53-06'00'



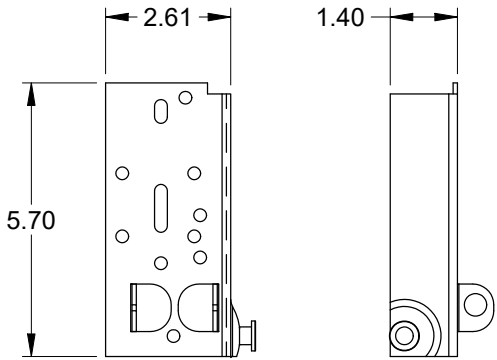
Short Panel windows

Long Panel windows

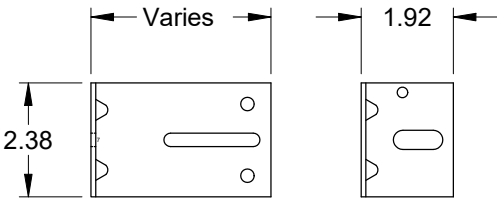
Window Styles

2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	6"	24"	526
Southern Pine	3/8" x 3" Lag with 1-1/8" OD Washer	1.50"	1.50"	1.50"	24"	655
Spruce Pine Fir	3/8" x 3" LAG with 1-1/8" OD Washer	1.50"	1.50"	1.50"	24"	482

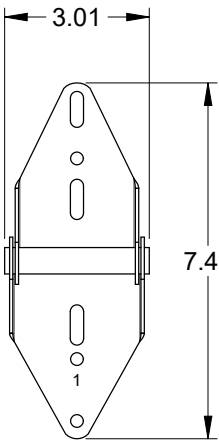
Scale: None	 6030 Gateway Drive Plainfield, IN 46168	Title: Spec, Wind Load Legacy & Carriage Collection		
Drawn by: J. Poitras		No. P-6006	Sheet 2	Rev A
Checked by: G. Wedekind				
Date: 01/10/24				
ECO: 9019.01				



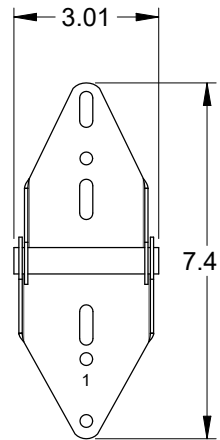
Corner Bracket
.085 min. Galv. Steel
Max. Door Weight = 325 Lbs.



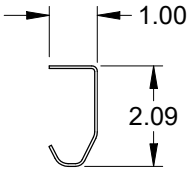
Track Bracket
.099 min. Galv. Steel



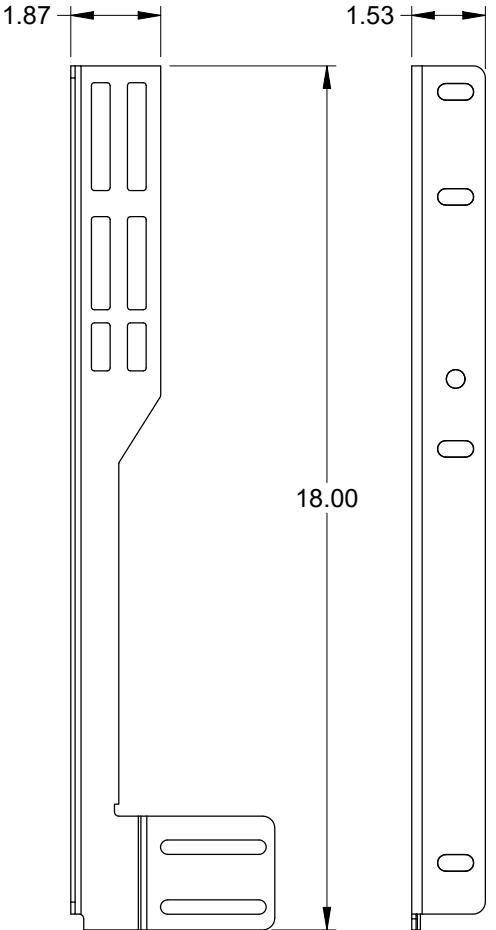
Center Hinge
.045 min. Galv. Steel



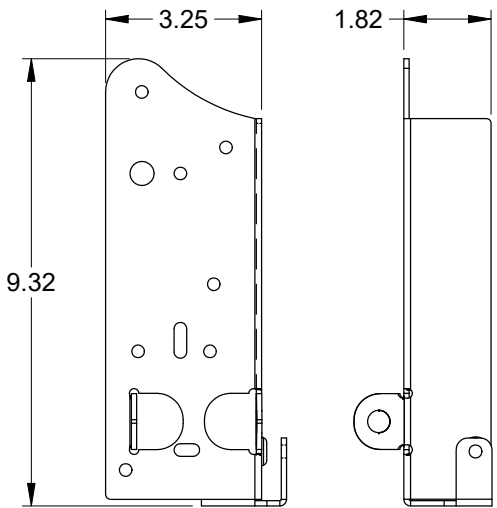
Edge Hinge
.069 min. Galv. Steel



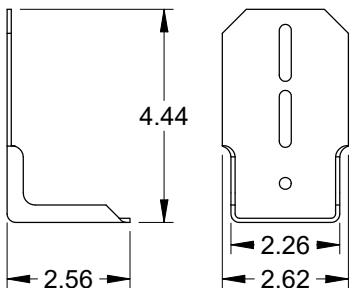
2" Track
.083 min. Galv. Steel



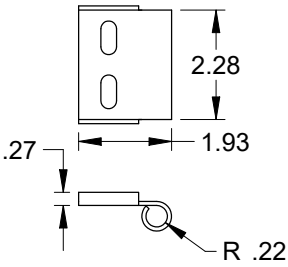
Jamb Angle
.071 min. Galv. Steel



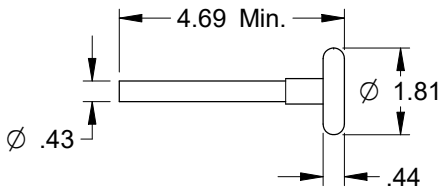
Corner Bracket
.109 min. Galv. Steel
Max. Door Weight = 2000 Lbs.



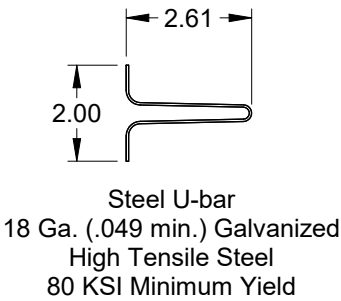
Top Fixture
.085 min. Galv. Steel



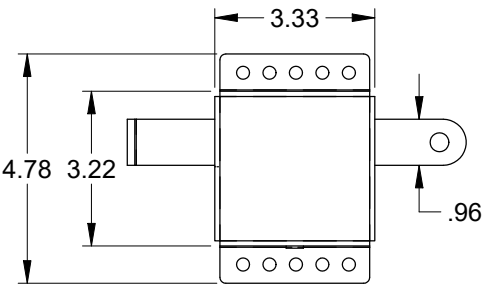
Roller Carrier
.085 min. Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



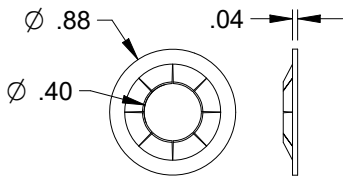
2" Roller
Nylon 11-ball (Std.)
Steel 10-ball (Opt.)



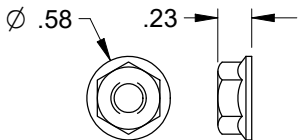
Steel U-bar
18 Ga. (.049 min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



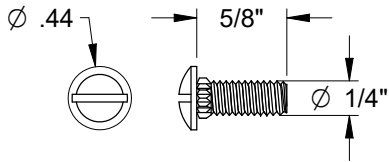
Slide Lock



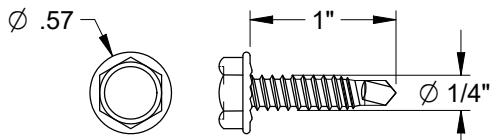
Retaining Nut



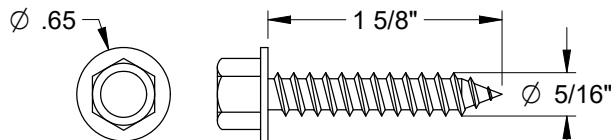
Serrated Hex Flange Nut



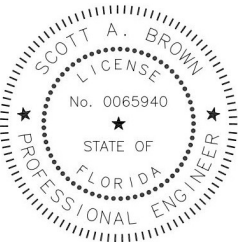
Track Bolt



Self-Drilling Screw



Hex Head Lag Screw



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Scott A. Brown
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Date: 2024.02.19 17:57:17-06'00'

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

All parts shown are for illustration purposes only. The actual product may include equivalent parts due to availability.

Scale: None	 6030 Gateway Drive Plainfield, IN 46168	Title: Spec, Wind Load Legacy & Carriage Collection		
Drawn by: J. Poitras		No. P-6006		
Checked by: G. Wedekind				
Date: 01/10/24				
ECO: 9019.01			Sheet 3	Rev A