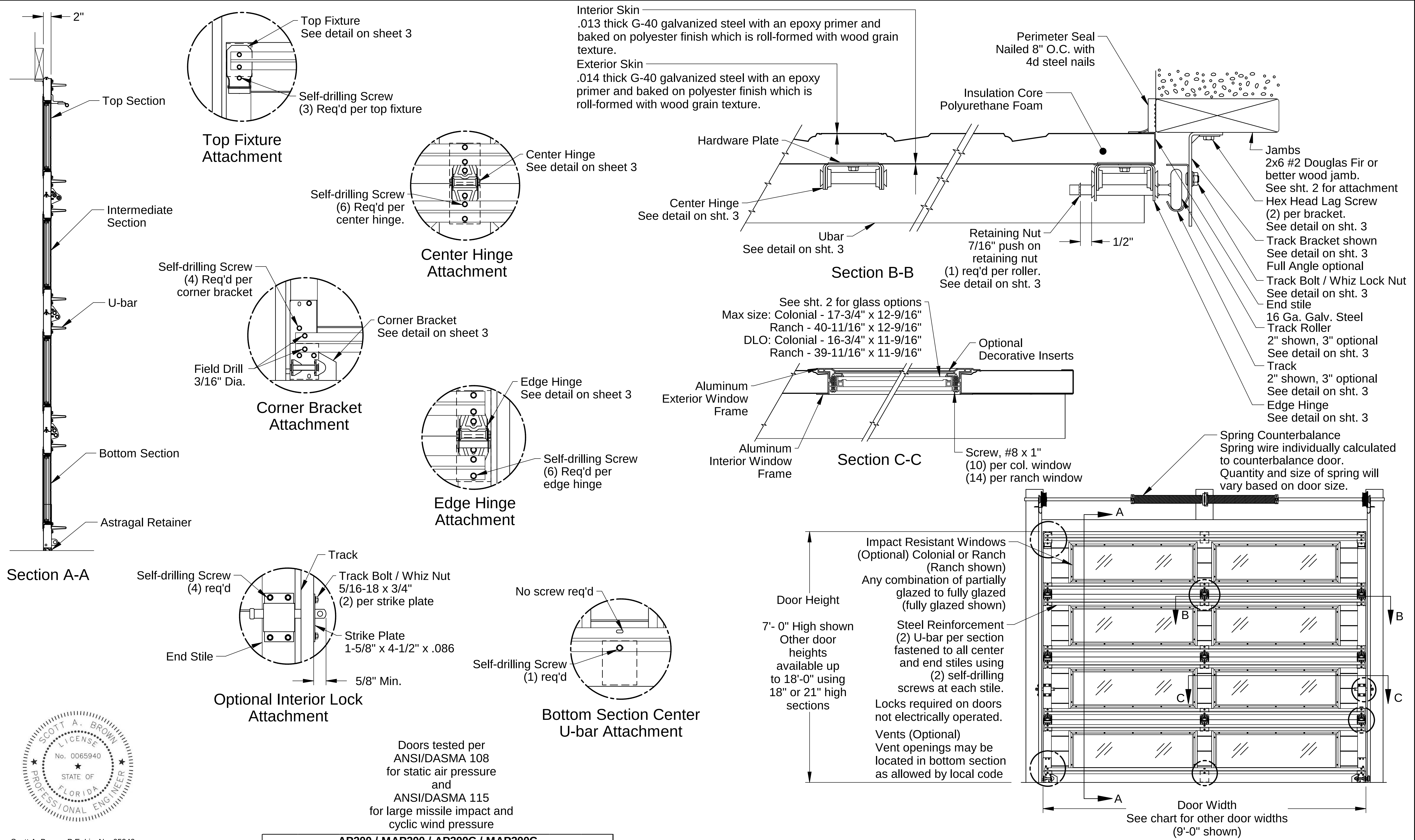




Scott A. Brown, P.E. Lic. No. 65940
Willett, Hofmann & Associates, Inc.
809 E. 2nd Street, Dixon, IL 61021
FBPE CA Lic. No. 35415
Structural Adequacy for Wind Load

Scott A. Brown

Digitally signed by Scott A Brown
Date: 2023.12.20 15:33:23-06'00'

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

AP200 / MAP200 / AP200C / MAP200C								
Max. Door Width	Colonial			Ranch			Carriage House	
	Hinges per Section	Design Loads		Hinges per Section	Design Loads		Hinges per Section	Design Loads
8'-0"	1	60.0	-65.0	1	60.0	-65.0	1	60.0 -65.0
9'-0"	1	60.0	-65.0	1	60.0	-65.0	1	60.0 -65.0

B	Added MAP200, MAP200C, updated P.E. information	8997.01	12/08/23
A	New release for production.	8125.01	10/11/18
Rev.	Description	ECO	Date

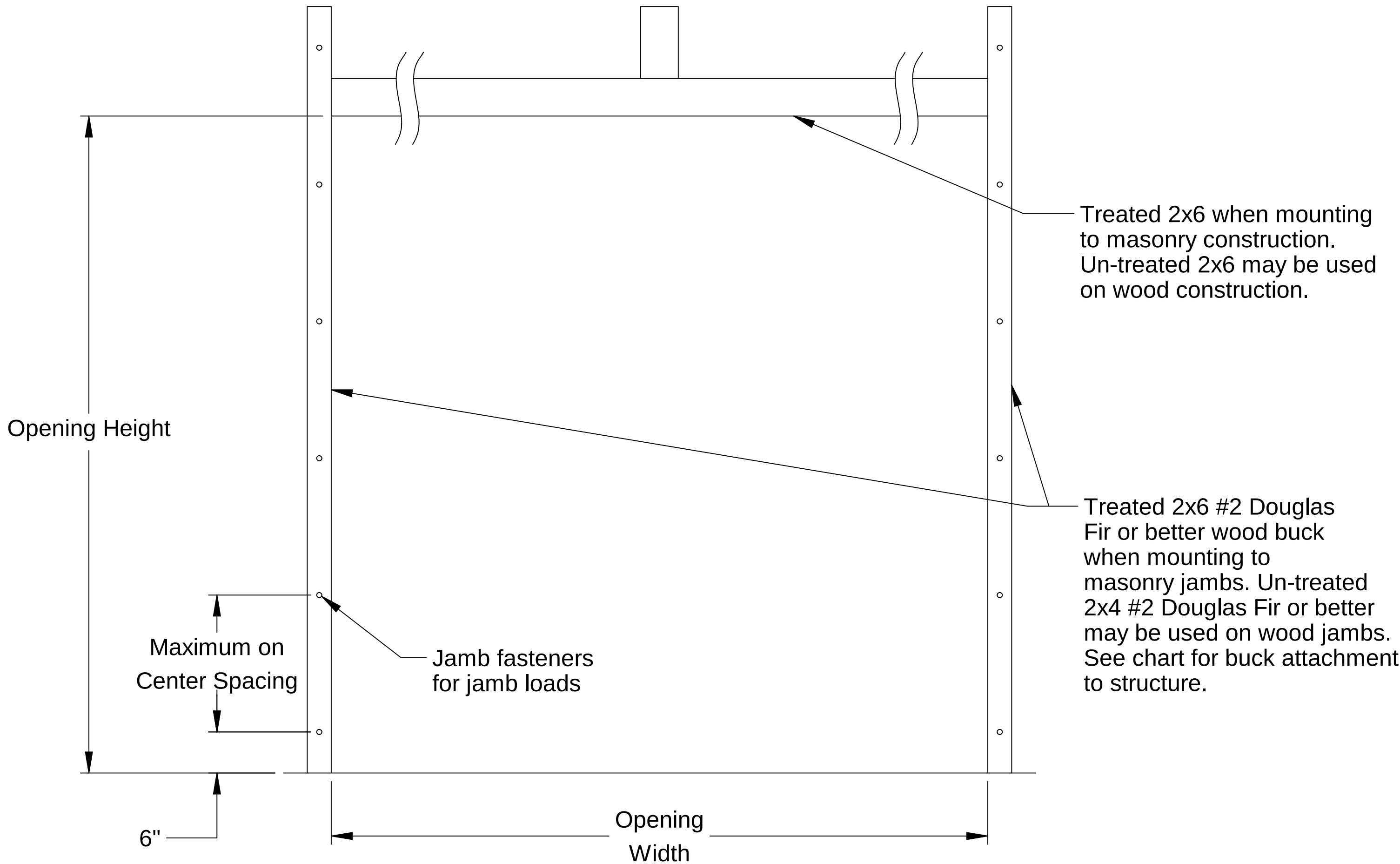
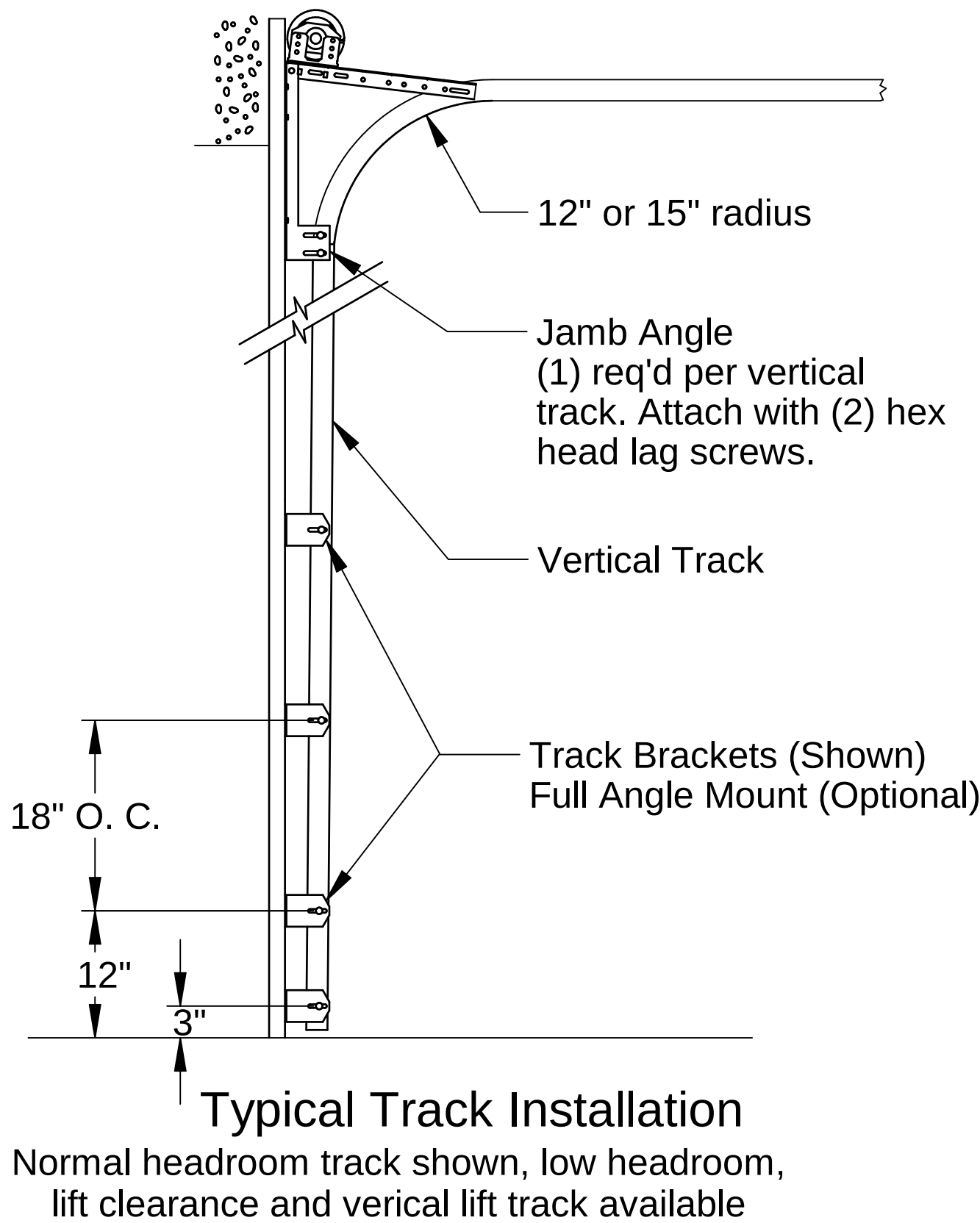
Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 11/08/18
ECO: 8125.01



1101 East River Road
Dixon, IL. 61021

Title: Spec, Wind Load Aspen - AP200		
No. P-3345	Sheet 1 of 3	Rev B

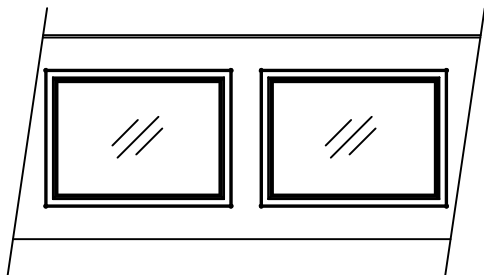
FL#21471



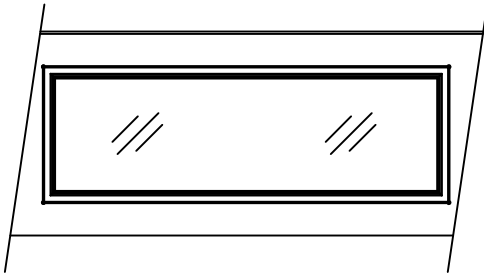
Jamb Attachment Notes:

1. Maximum Positive Load per Jamb = (9'-0" x 60.0 PSF) / 2 = 270 lbs. per foot.
2. Maximum Negative Load per Jamb = (9'-0" x -65.0 PSF) / 2 = 293 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.

2x6 Attachment to Structure							
Rev.	Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
A	2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	6"	23"	526
A	Southern Pine	3/8" x 3" Lag with 1-1/8" OD Washer	1.50"	1.50"	1.50"	24"	655
A	Spruce Pine Fir	3/8" x 3" LAG with 1-1/8" OD Washer	1.50"	1.50"	1.50"	21"	482

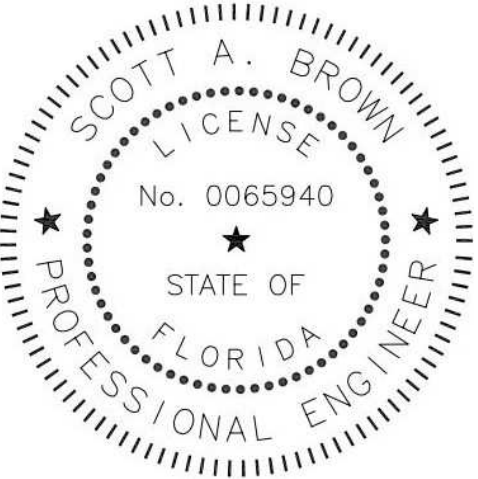


Colonial Windows:
1/4" Polycarbonate



Ranch Windows:
1/4" Polycarbonate

Window Options



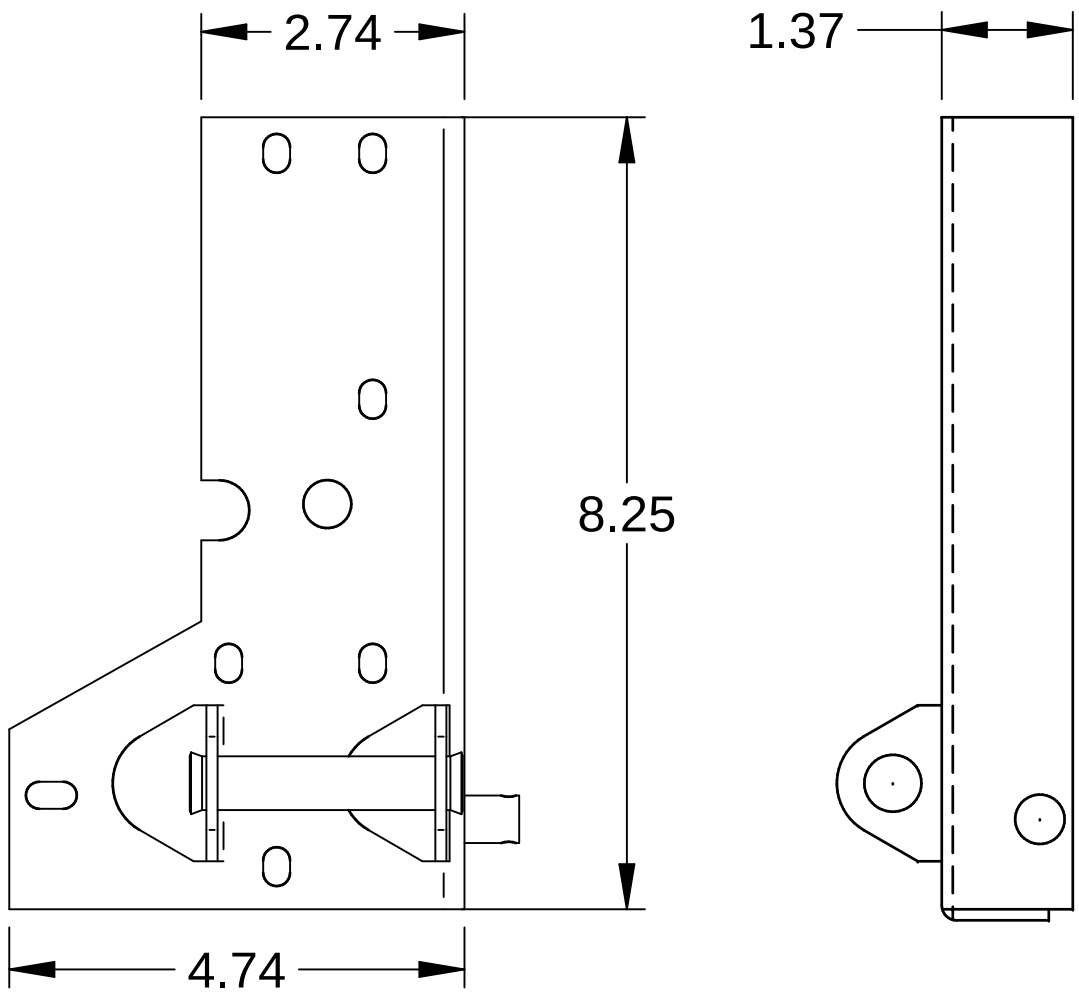
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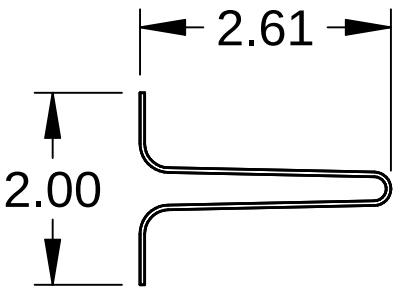
Digitally signed by Scott A Brown
Date: 2023.12.20 15:33:49-06'00'

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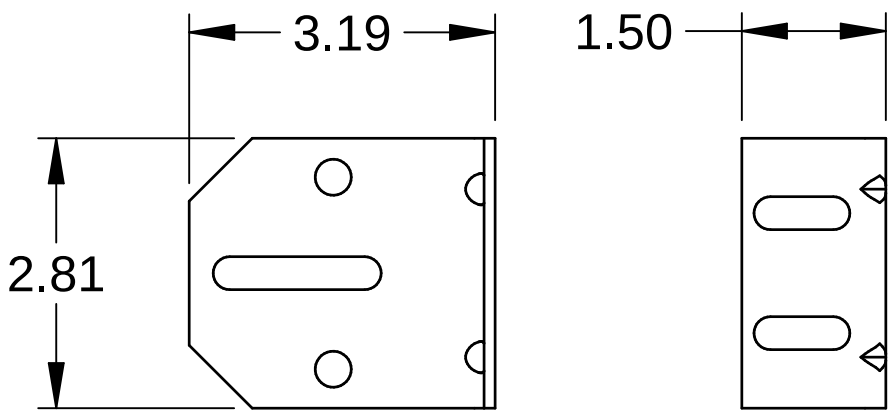
Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load Aspen - AP200		
Drawn by: R. Frey				
Checked by: G. Wedekind				
Date: 11/08/18				
ECO: 8125.01		No. P-3345	Sheet 2	Rev B



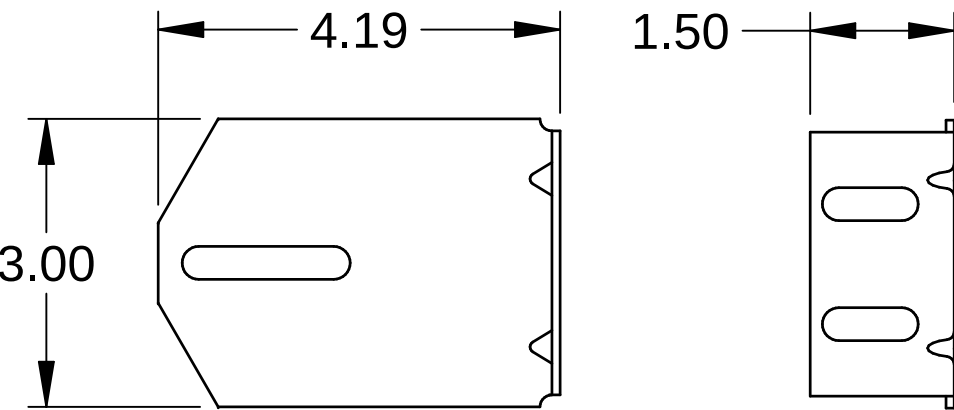
Corner Bracket
.116 Galv. Steel



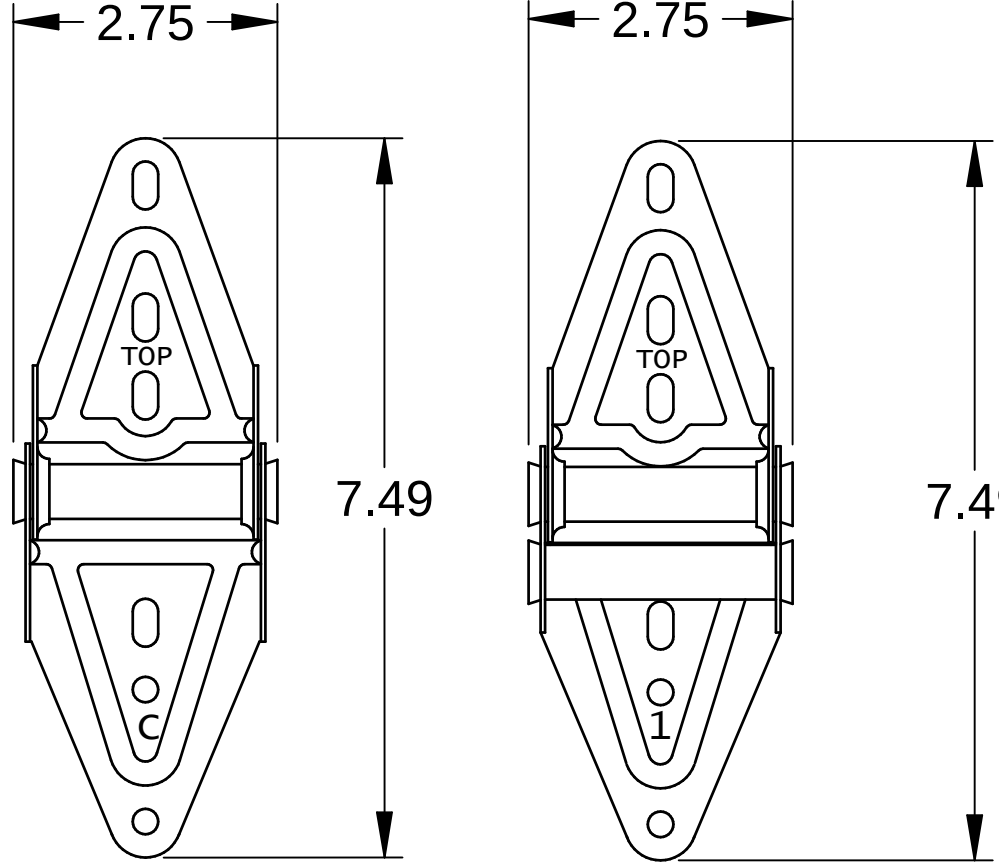
Steel U-bar
18 Ga. (.049 min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



3" Track Bracket
.116 Galv. Steel

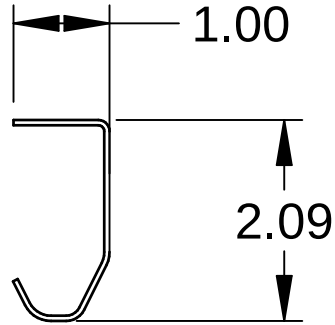


4" Track Bracket
.116 Galv. Steel

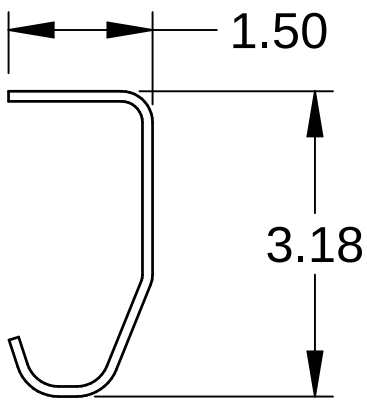


Center Hinge
.045 Galv. Steel

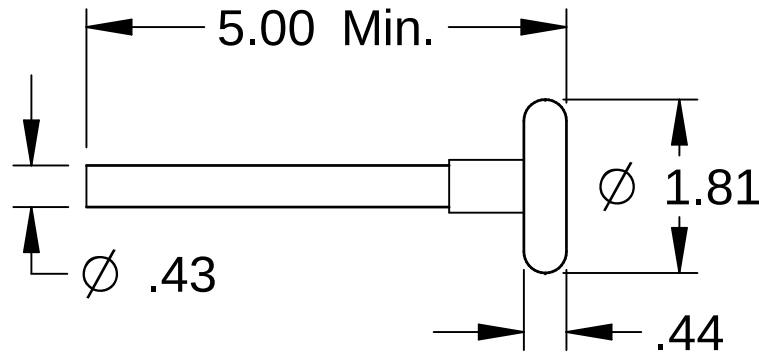
Edge Hinge
.086 Galv. Steel



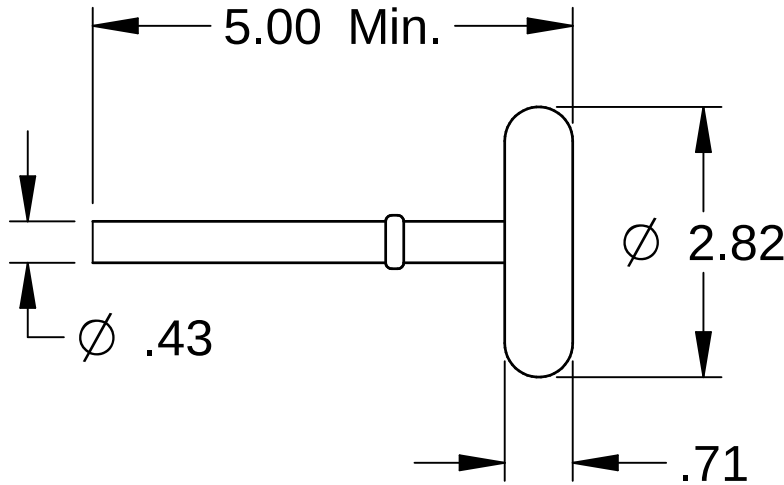
2" Track
.086 Galv. Steel



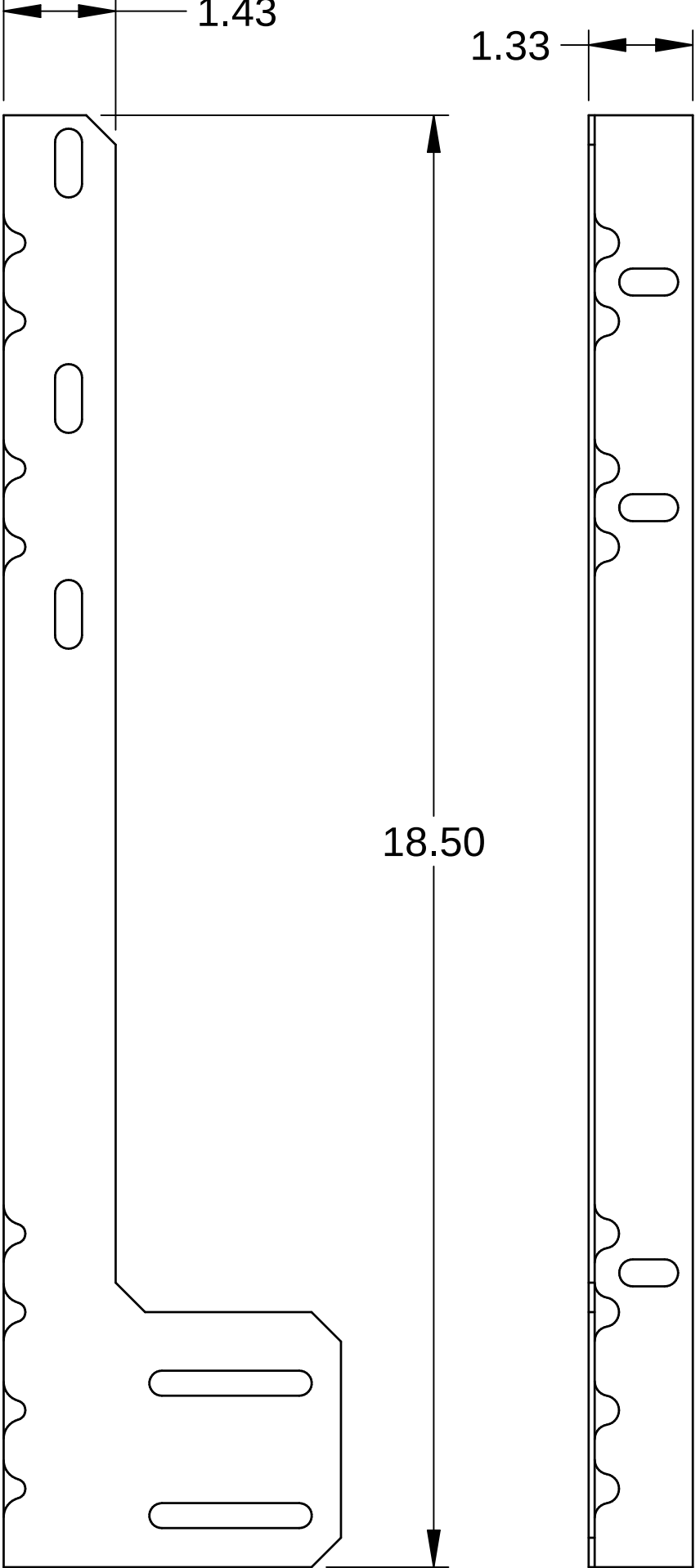
3" Track (Optional)
.105 Galv. Steel



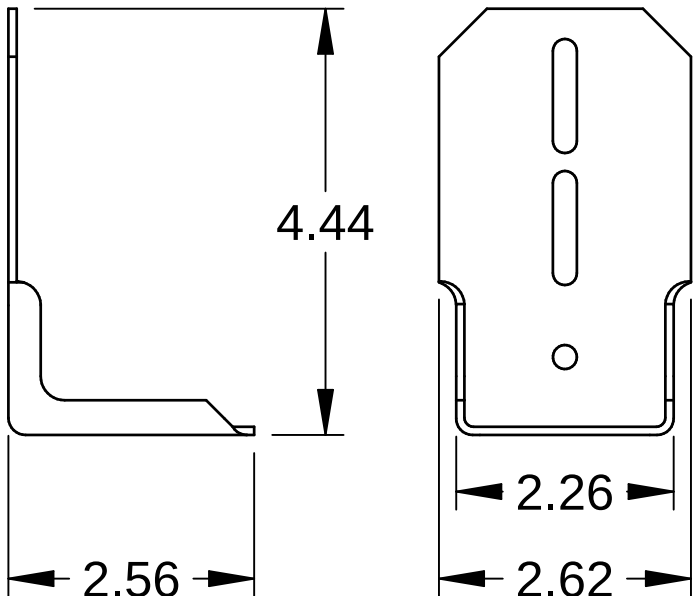
Nylon 11-ball Track Roller (Std.)
Steel 10-ball Track Roller (Opt.)



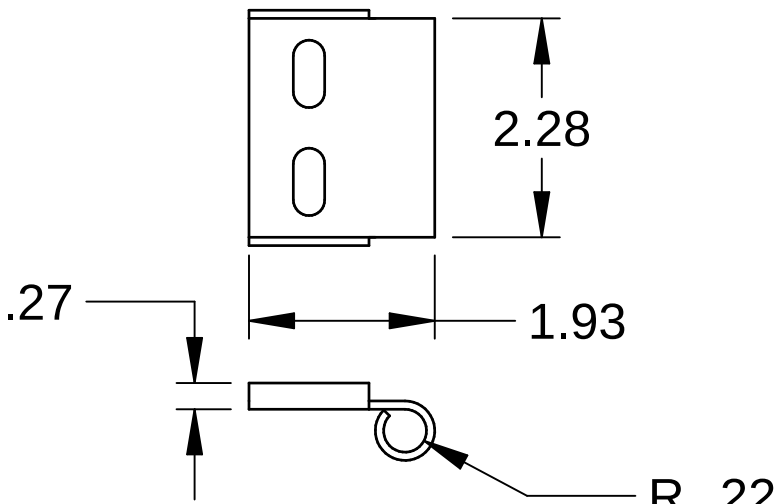
Steel 10-ball Track Roller (Opt.)



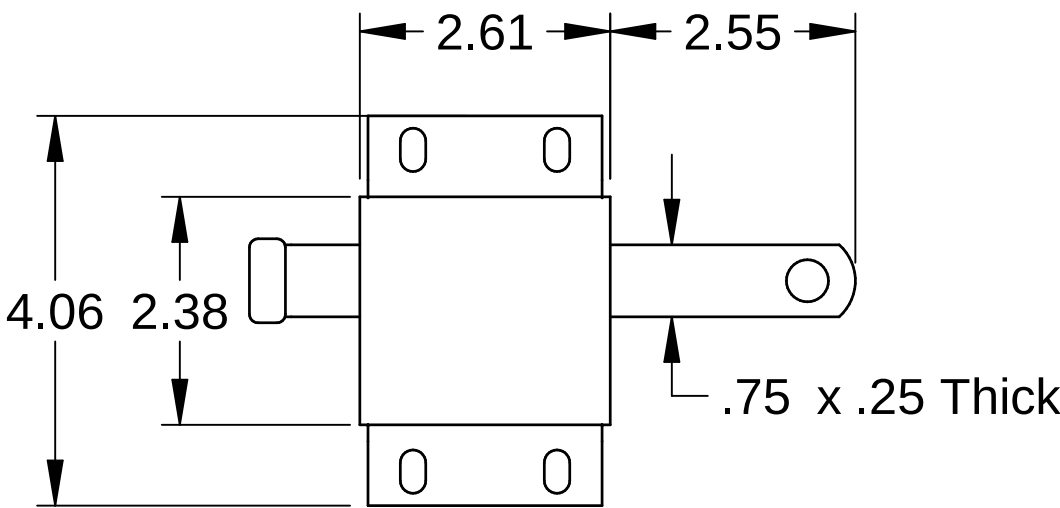
Jamb Angle
.078 Galv. Steel



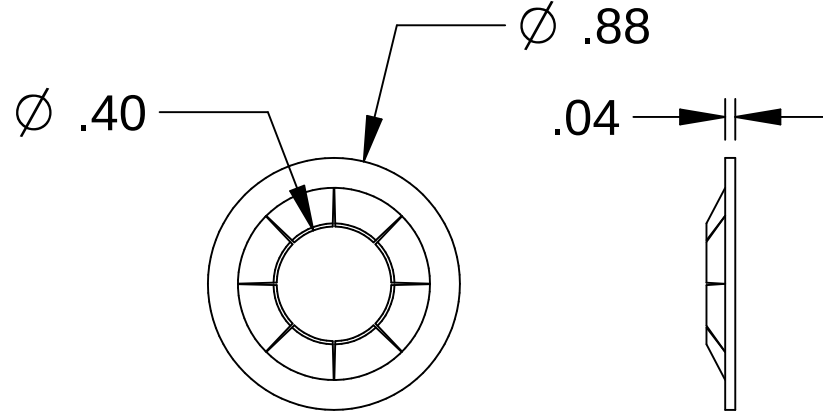
Top Fixture
.086 Galv. Steel



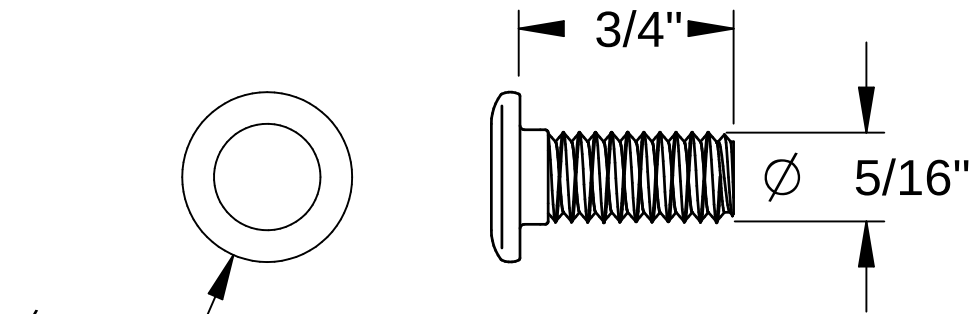
Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



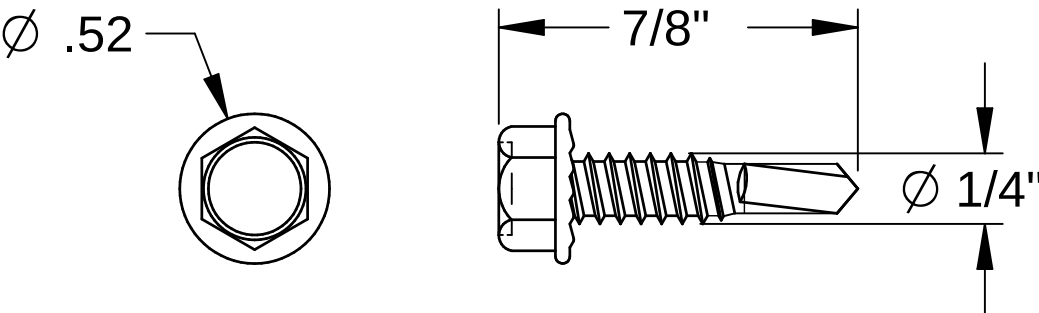
Slide Lock
Case .086 Galv. Steel



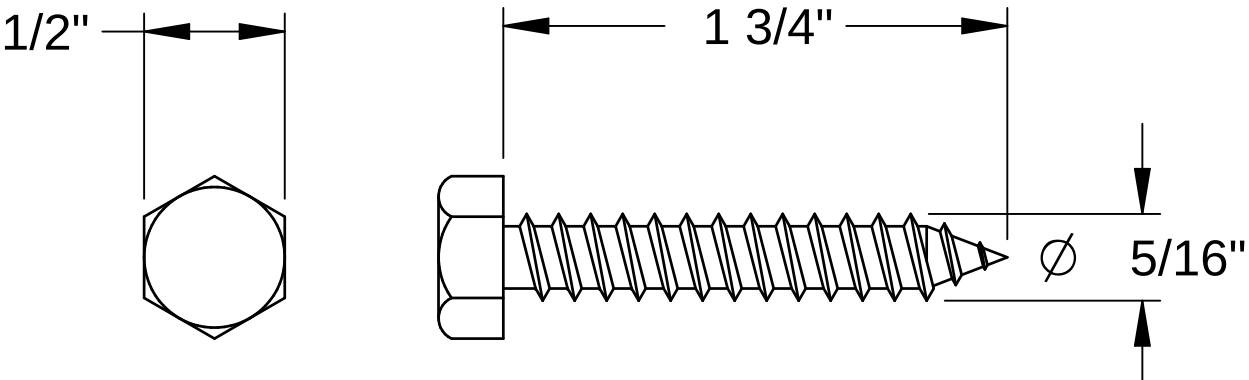
Retaining Nut



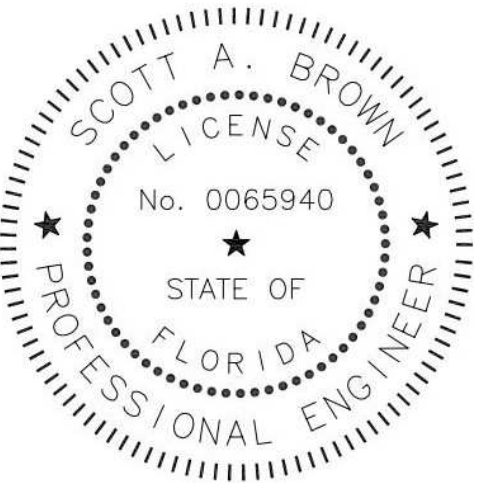
Track Bolt



Self-Drilling Screw



Hex Head Lag Screw



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Drawn by: R. Frey		No. P-3345	Sheet 3	Rev B
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Date: 11/08/18				
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