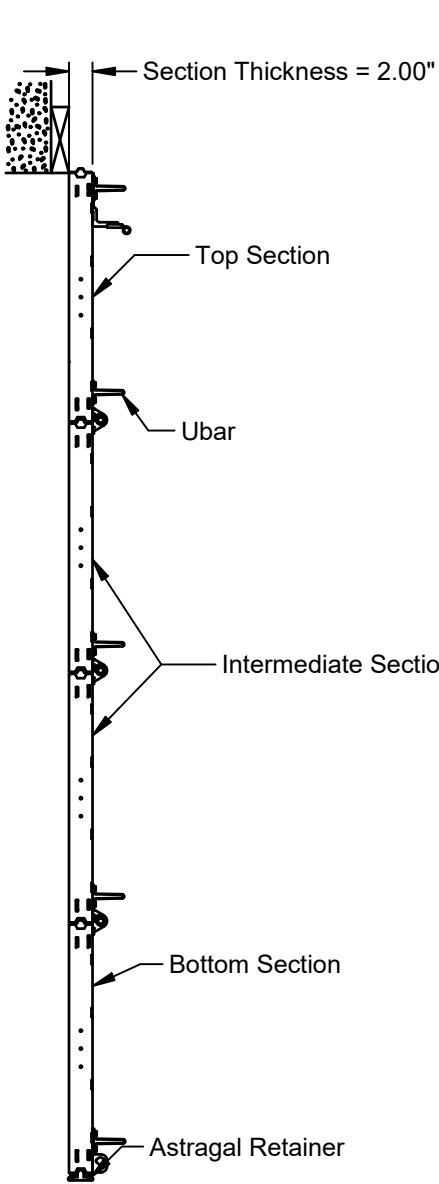
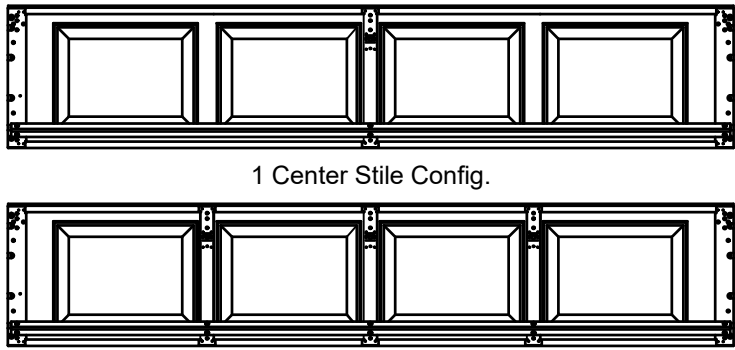




Section A-A

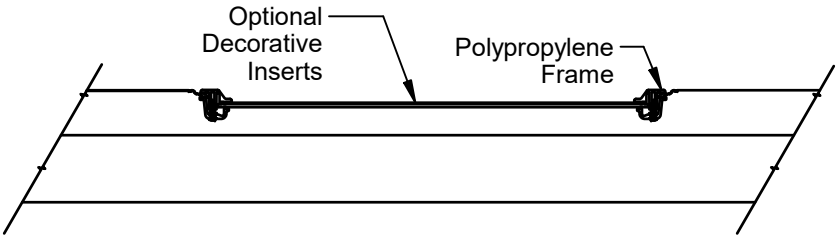
Window Options			
Nominal Size	DLO	Glass	Frame Screws
17.75" x 12.75"	16.75" x 11.75"	1/8" Annealed or Tempered	10
40.75" x 12.75"	39.75" x 11.75"		18

Window availability limited by section width.

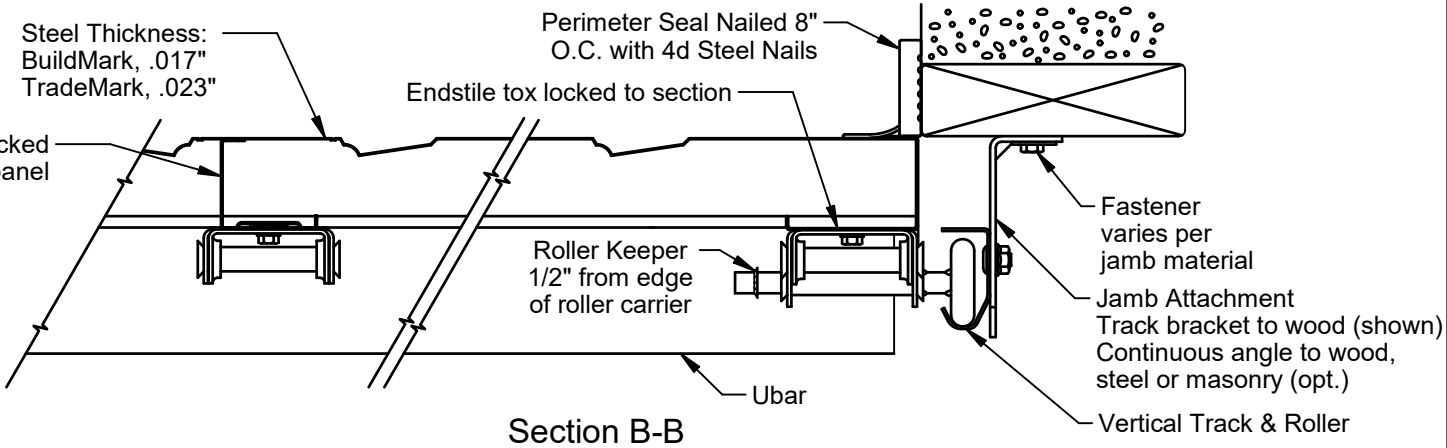


3 Center Stile Config.

Interior Elevation



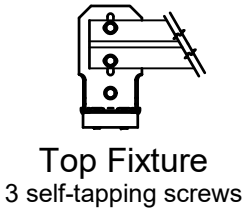
Section C-C



Section B-B



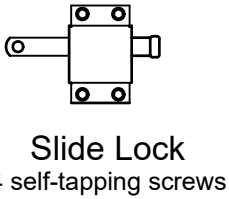
Roller Carrier
2 self-tapping screws



Top Fixture
3 self-tapping screws



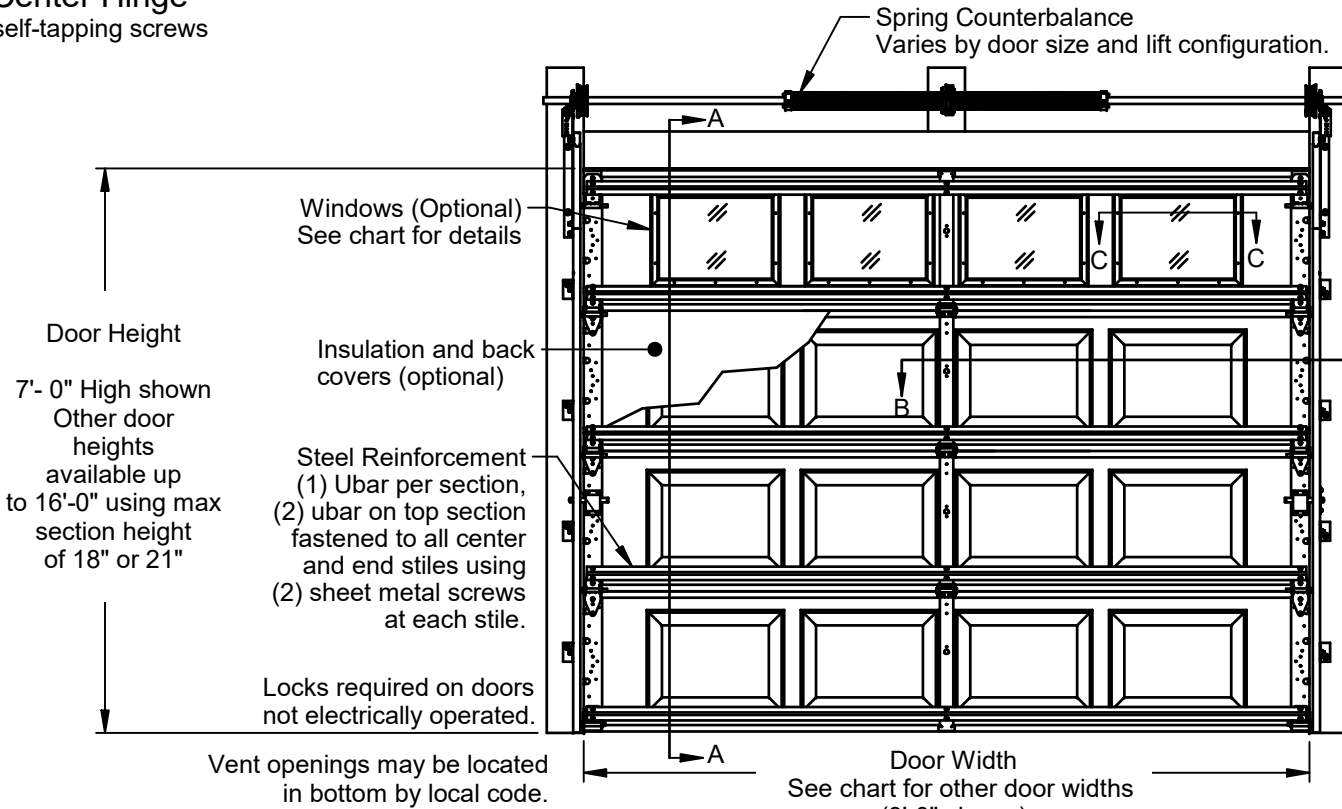
Edge Hinge
6 self-tapping screws



Slide Lock
4 self-tapping screws



Center Hinge
4 self-tapping screws



Interior Elevation

FL#15212



Scott A. Brown, P.E. Lic. No. 65940
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809 E 2nd St, Dixon, IL 61021
FBPE CA Lic. No. 35415
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Doors tested per ANSI/DASMA 108 for static air pressure.
Complies with the IBC/IRC 2021 (Texas) and current FBC.
Wind loaded sectional doors are designed, tested and sold by PSF.
The AHJ of a given jobsite is responsible for determining the appropriate PSF.

Max. Door Width	Embossment	Hinge Rows	Center Stiles	Panels	Design Loads	End Stile
8'-0"	Ranch	1	1	2	27.9	-31.5
	Colonial/Carriage House		3	4	34.9	-39.5
9'-0"	Ranch	1	1	2	24.8	-28.0
	Colonial/Carriage House		3	4	31.0	-35.1
10'-0"	Ranch	1	1	2	24.4	-27.5
	Colonial/Carriage House	2	1	5		

Rev.	Description	ECO	Date	ECO: 6321.01
E	Revised and redrawn. Added 10' width.	9472.01	06/01/2026	
D	1) Was Richard A Baumann, P.E, 2) Updated Jamb Attachments	7804.01	10/02/2017	
C	Added 3 center stile option	6601.01	04/12/2013	

Scale: None
Drawn by: D. Marco
Checked by: R. Frey
Date: 05/14/2026

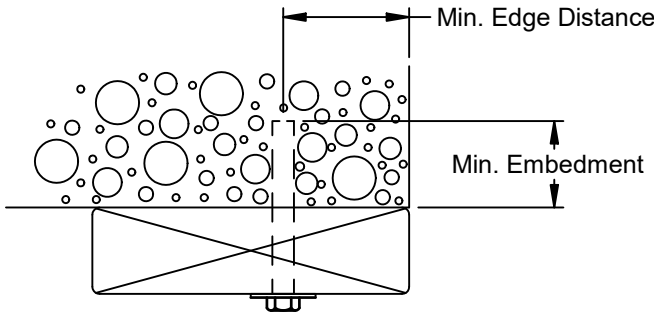


Title: Spec, Wind Load BuildMark / TradeMark		
No. P-2301	Sheet 1 of 4	Rev E

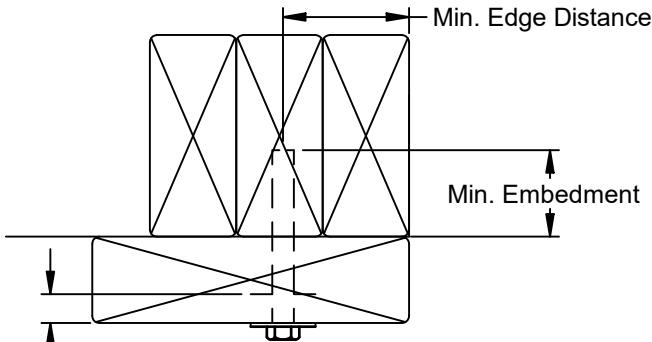
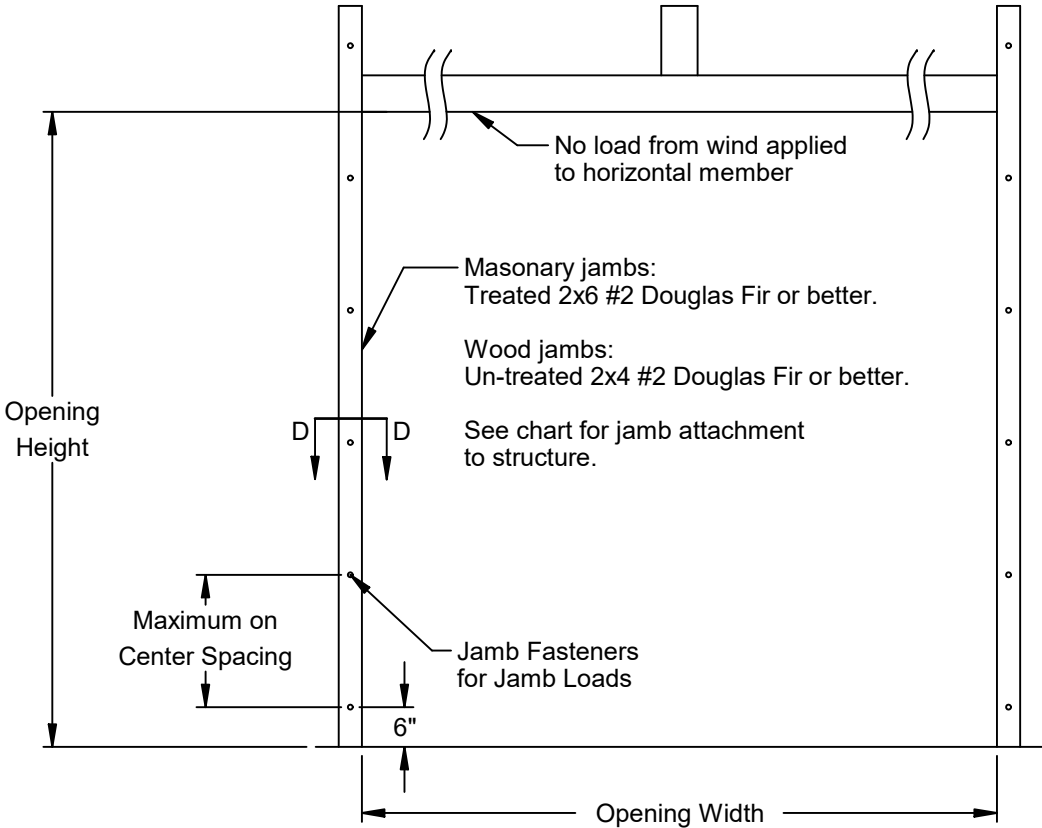
1. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the maximum jamb loads listed.
2. DASMA Technical Data Sheet TDS-161 may be used for alternate jamb attachments. Alternate jamb attachments may be used if approved by a registered Professional Engineer.
3. 3/8" diameter lag screws required 1/4" pilot hole and 1-1/2" minimum required distance.
4. Masonry fasteners by others.
5. Garage doors evaluated as attached to enclosed buildings.
6. Garage doors evaluated as components and clading.

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	5/16" 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

	(Door Width * Pressure (PSF)) / 2 = Lbs. per foot			
Positive Jamb Loads	9	31.0	2	140
Negative Jamb Loads	9	-35.1	2	158

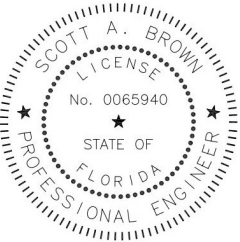


Section D-D
2500 PSI Min. Concrete



Fasteners may be countersunk up to 1/2"

Section D-D
Southern Pine or
Spruce Pine Fir

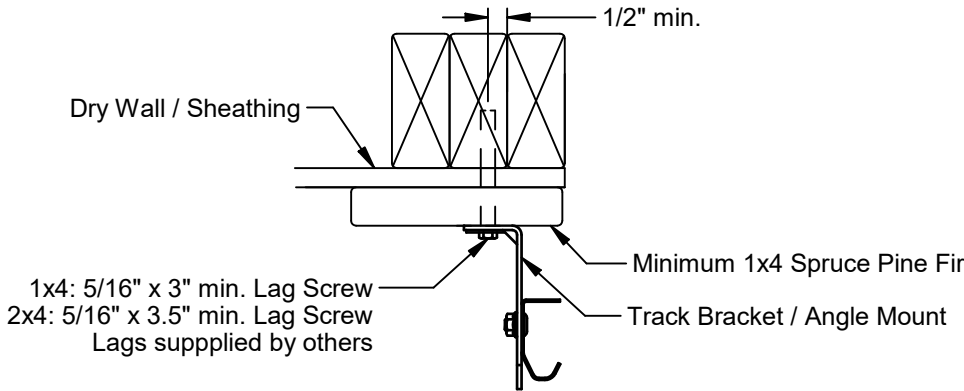
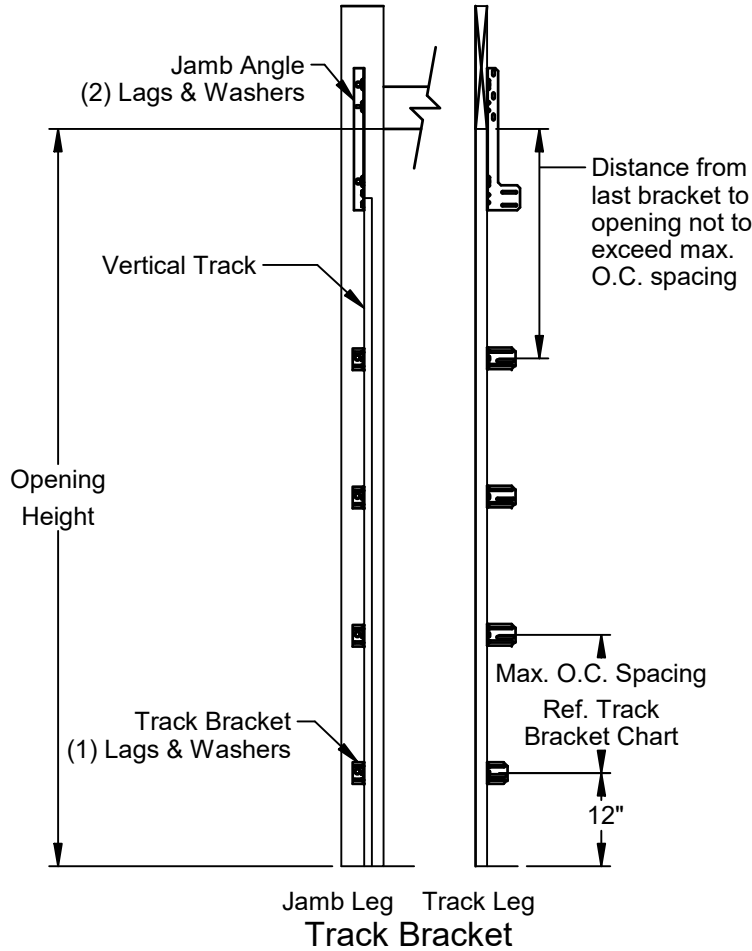


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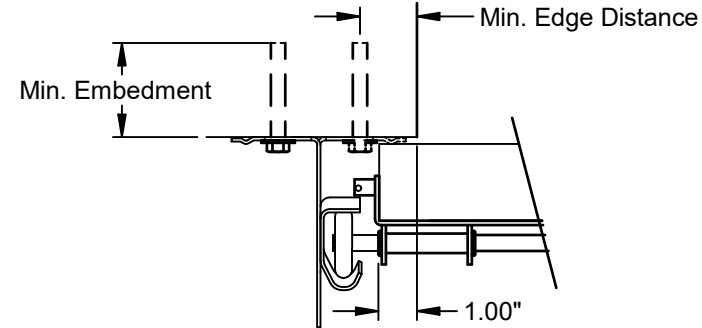
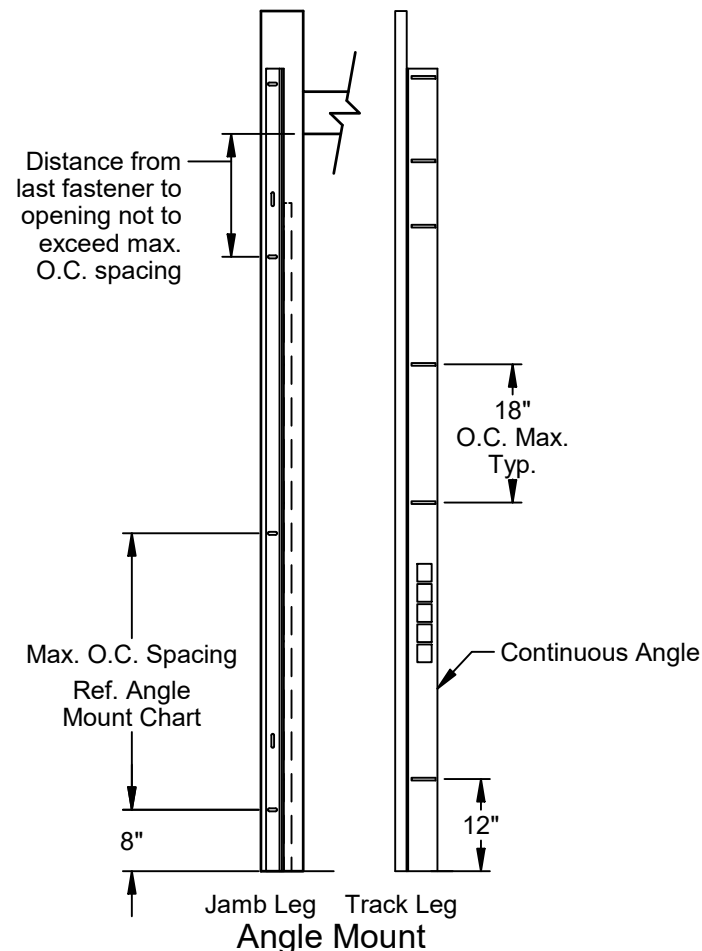
Scott A. Brown
Digitally signed by Scott A Brown
Date: 2026.06.05 17:09:41-05'00'

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Drawn by: D. Marco		No. P-2301	Sheet 2	Rev E
Checked by: R. Frey				
Date: 05/14/2026				
ECO: 9472.01				



Attachment over Drywall/Sheathing



Angle Mount to Structure
2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available

Jamb Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Allowable Tension Load per fastener (lbs.)	Track Bracket	Angle Mount
					Max. on Center Spacing	Max. on Center Spacing
2500 PSI Min. Concrete	3/8" ITW Trubolt	2-1/2"	2-1/2"	893	N/A	36"
	5/16" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	687	N/A	36"
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	651	N/A	36"
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	971	N/A	36"
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	352	18"	18"
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	480	N/A	36"

Alternate fasteners may be used if approved by a registered Professional Engineer.



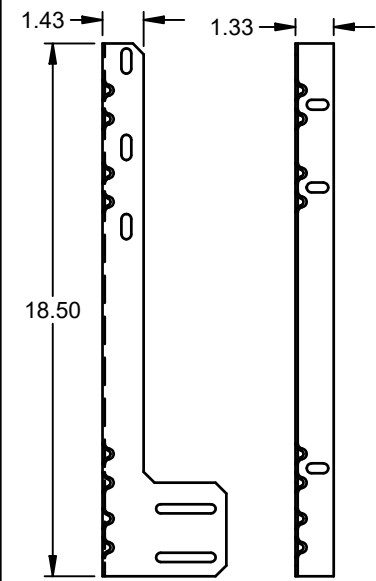
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Scott Brown
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Date: 2026.06.05 17:09:00-05'00'

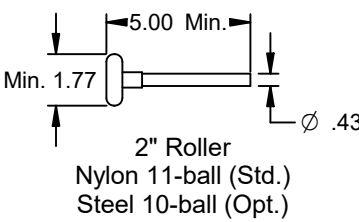
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Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load BuildMark / TradeMark		
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Checked by: R. Frey				
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ECO: 9472.01				

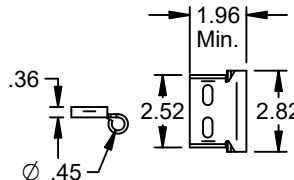
Installation Hardware



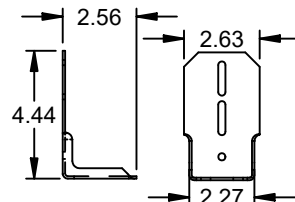
Jamb Angle
.078 Galv. Steel
(14 ga.)



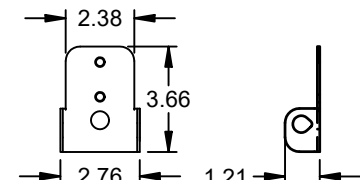
2" Roller
Nylon 11-ball (Std.)
Steel 10-ball (Opt.)



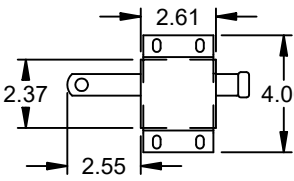
Roller Carrier
.114 Galv. Steel
(11 ga.)



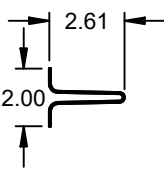
Top Fixture
.085 Galv. Steel
(13 ga.)



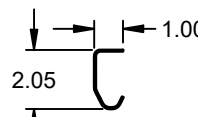
Roller Carrier
.086 Galv. Steel
(13 ga.)



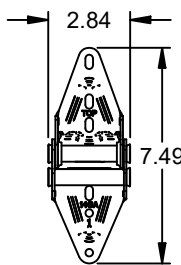
Slide Lock



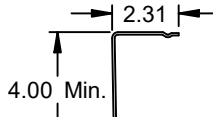
Steel U-bar
18 Ga. (.049 min.)
Galvanized High Tensile Steel
80 KSI Minimum Yield



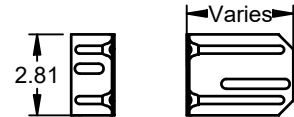
2" Track
.055 Galv. Steel
(16 ga.)



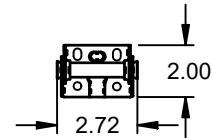
Edge Hinge
.069 min. Galv. Steel
(14 ga.)



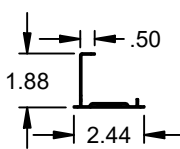
2" Angle Mount (Opt.)
.086 Galv. Steel
(13 ga.)



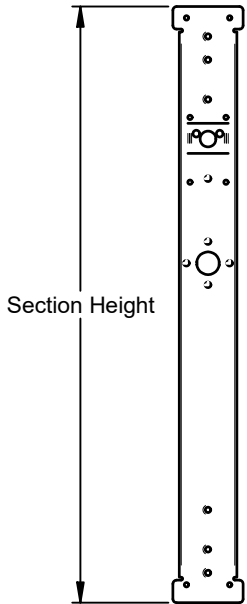
Track Bracket
.085 Galv. Steel
(13 ga.)



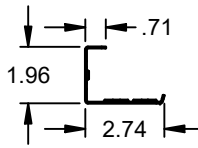
Center Hinge
.045 min. Galv. Steel
(18 ga.)



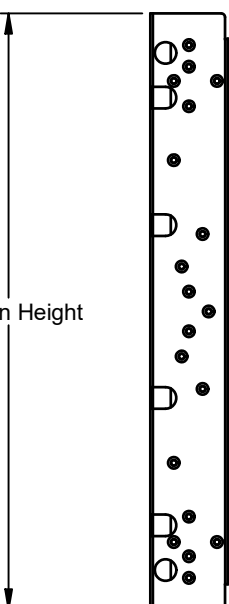
Section Height



Centerstile
20 Ga. (.034 min.)
Galvanized High Tensile Steel
80 KSI Minimum Yield

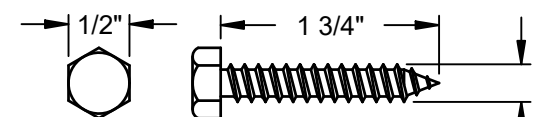


Section Height

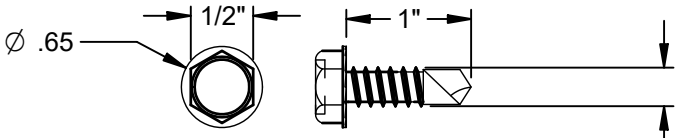


Endstile
18 Ga. (.043 min.)
Galvanized High Tensile Steel
80 KSI Minimum Yield

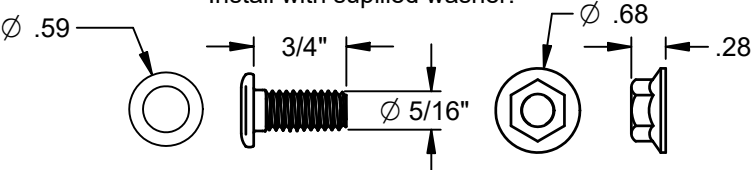
Fasteners & Small Hardware



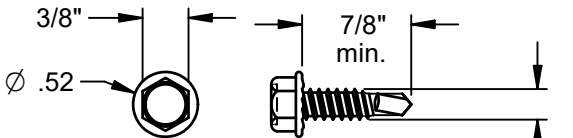
Hex Head Lag Screw
Wood jambs, all jamb attachments.
Install with supplied washer. Ø 5/16"



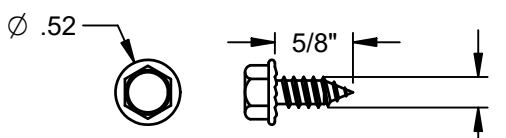
5/16" x 1" Self Drilling Screw
Angle mount & clip angle to steel jambs.
Install with supplied washer. Ø 5/16"



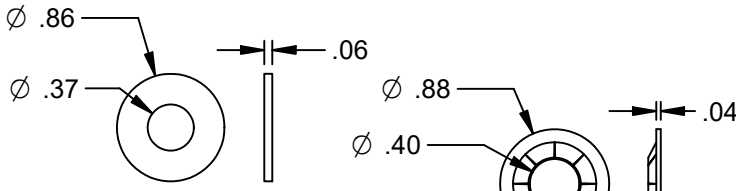
Track Bolt & Serrated Hex Flange Nut
Attach track to jamb attachment with track bolt and
hex flange nut. (1) each required per punch.
(2) Track bolts and (2) nuts connect top fixture and
roller carrier.



1/4" x 7/8" Self Tapping Screw
Attach hardware to sections. Ø 1/4"



1/4" x 5/8" Self Tapping Screw
Attach hardware to sections. Ø 1/4"



Washer
Wood Jambs: (1) per hex head lag
Steel Jambs: (1) per 5/16" x 1"
self-drilling screw.

Retaining Nut
(1) per roller.



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ECO: 9472.01			Rev E