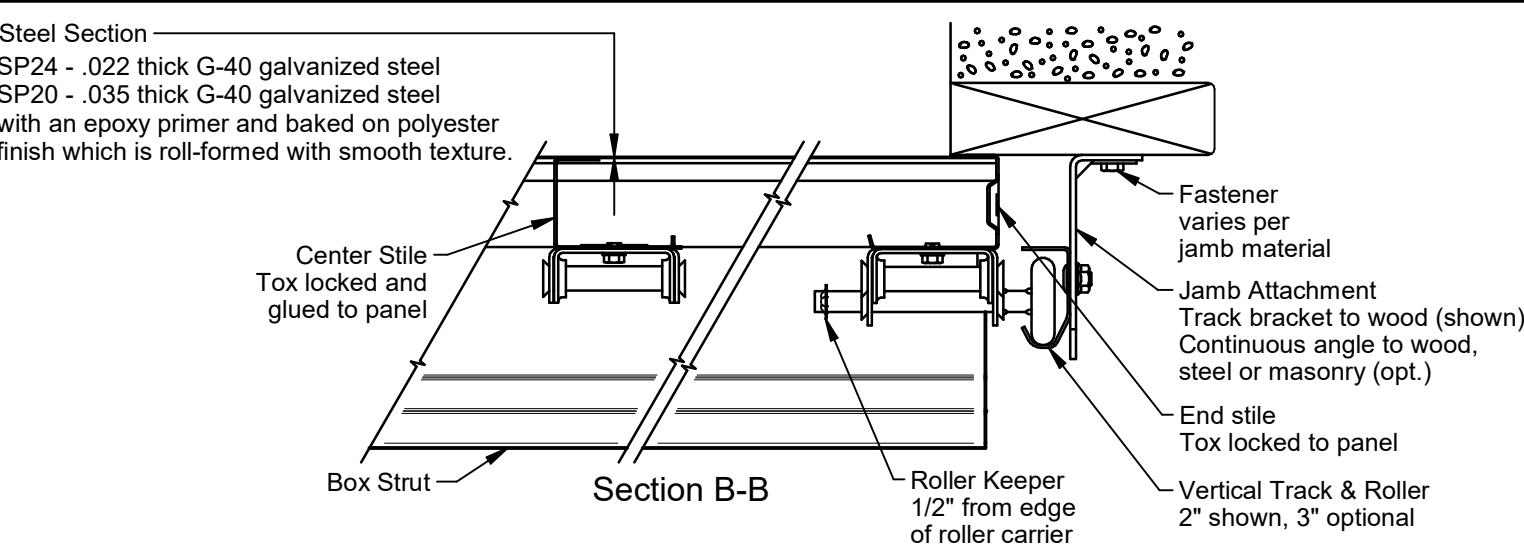
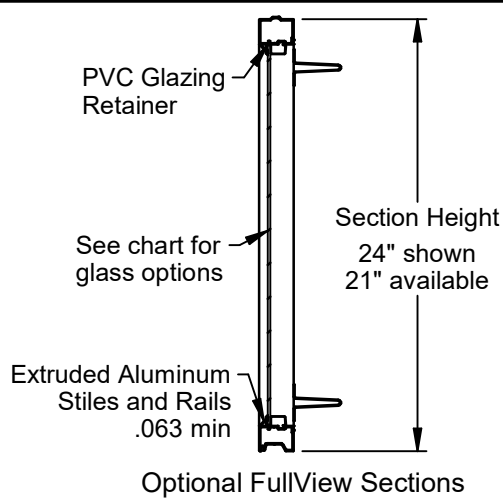
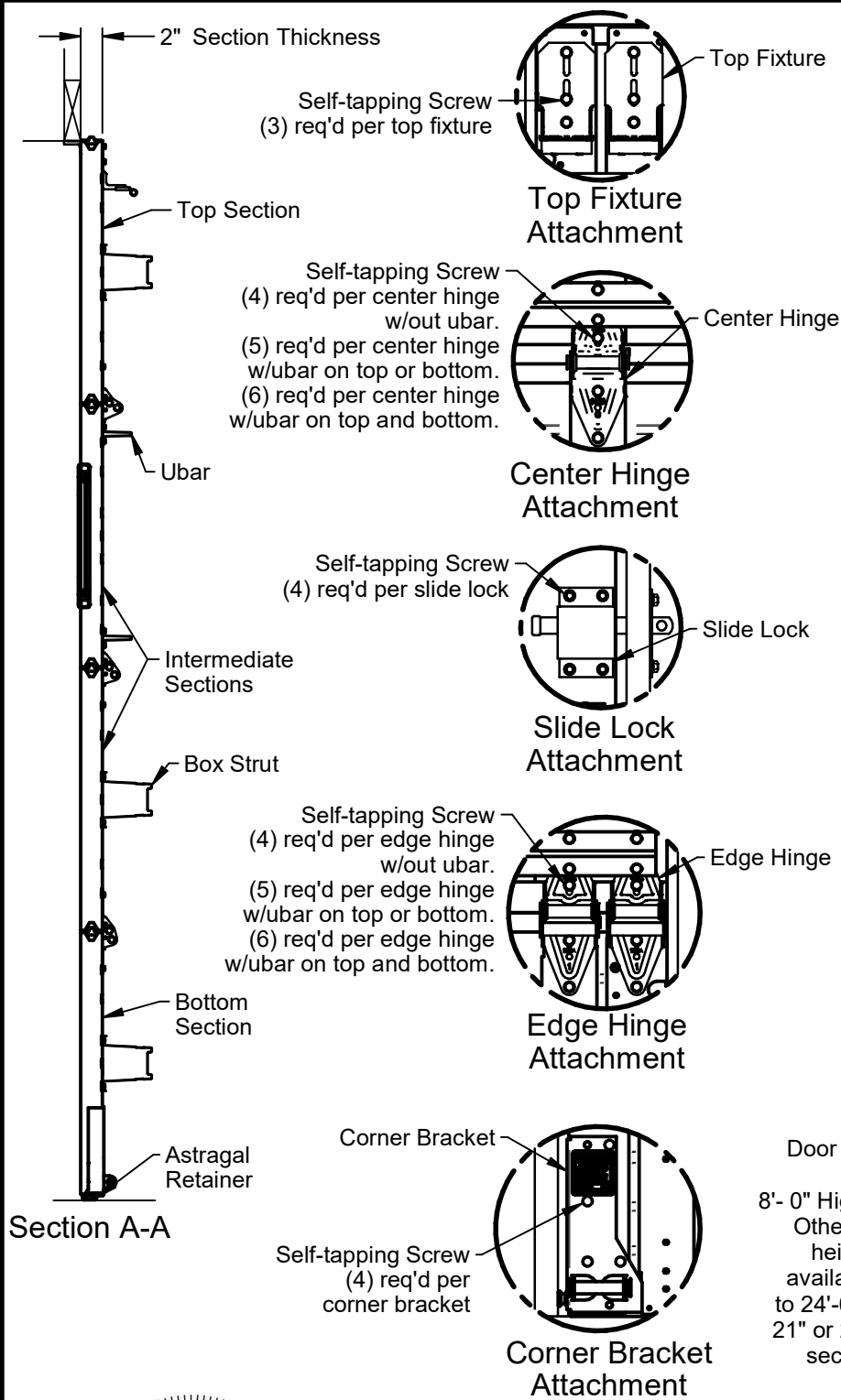
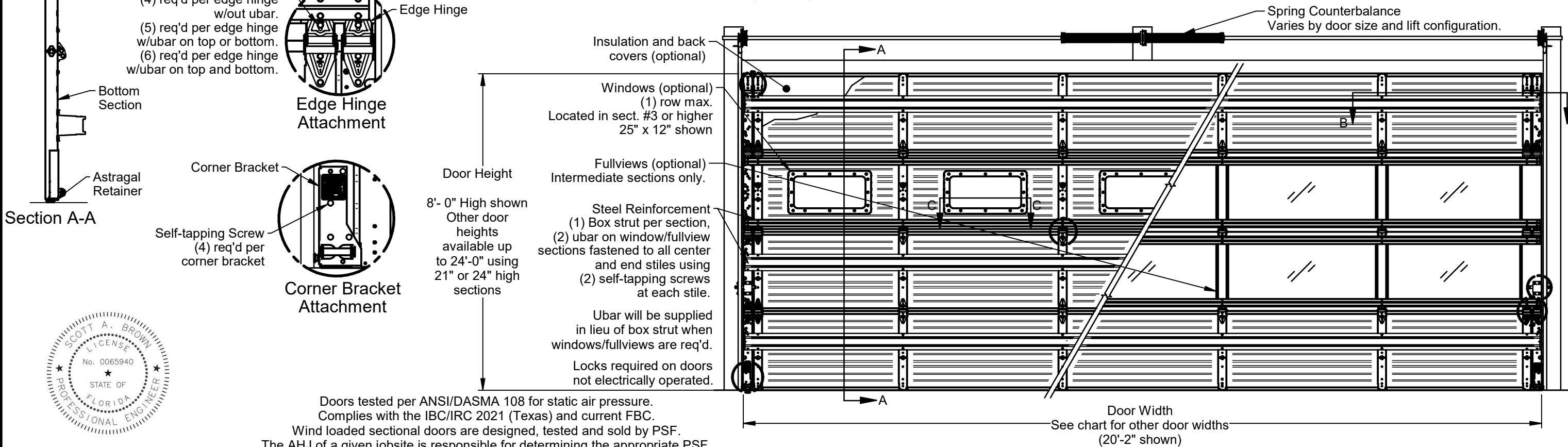




Window Options			
Window Size/Style	DLO	Glass	Frame Screws
25" x 12"	21.57" x 9.67"	1/8" Annealed, Tempered, or Acrylic	16
24" x 6"	21.08" x 2.96"	1/8" Insulated: Annealed or Tempered	10
45.76" x 20.91" Fullview (Max. size)	44.76" x 19.91"	1/8" Annealed or Tempered, 3/16" Annealed or Tempered, 1/4" Annealed or Tempered, 1/2" Insulated Annealed or Insulated Tempered	N/A

Window availability limited by section width.



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.

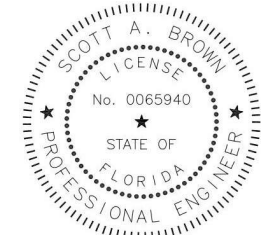
Maximum Door Width	Hinge Rows	Panels	Design Loads		End Stiles
12'-2"	2	3	45.9	-51.9	Double (Std.)
14'-2"	3	4	30.9	-33.1	
16'-2"			25.9	-28.9	
18'-2"	4	5	23.3	-26.0	
20'-2"					

Rev.	Description	ECO	Date	ECO: 9203.01
E	Track was 13ga. in error changed to 16ga. on sheet 4.	9203.05	01/06/26	
D	Added 5/8" screws sht 4, 14'-2" width sht 1, drywall/sheathing detail on sht 3 and updated DLO and glass options sht 1	9203.04	10/02/25	
C	Added fullviews up to 20'-2" wide, 12'-2" door width, updated fullview max. window size.	9203.03	08/04/25	

Scale: None
Drawn by: Max Kozeal
Checked by: R. Frey
Date: 03/19/25
ECO: 9203.01

 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load SteelPro - SP24 / SP20	
	No. P-2604	Sheet 1 of 4 Rev E

FL#47394



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

Scott A. Brown

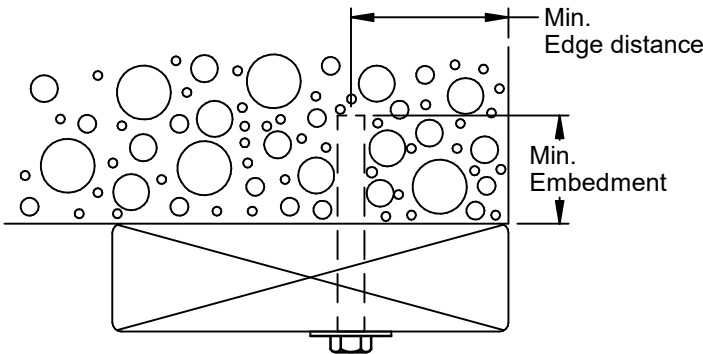
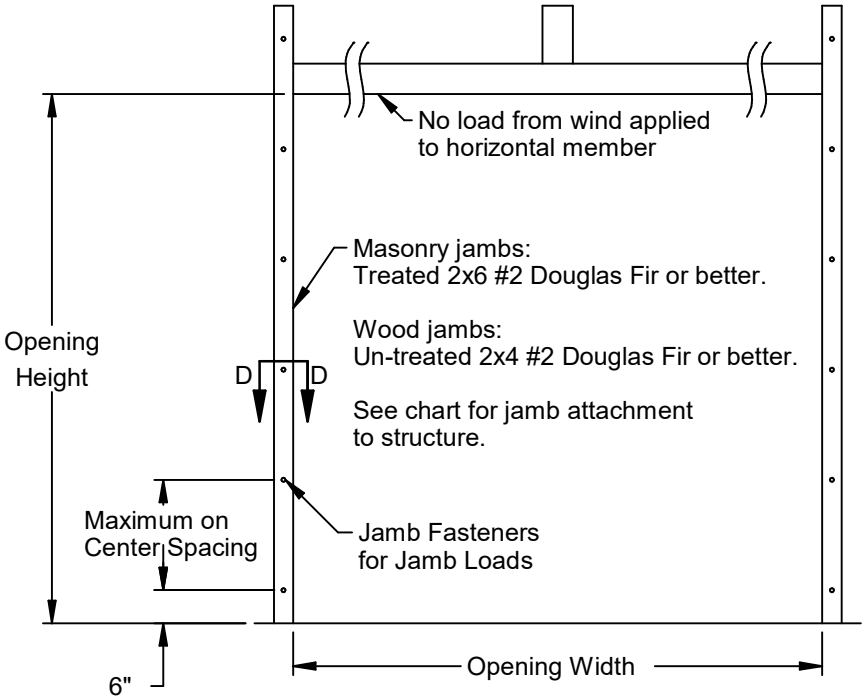
Digitally signed by Scott A Brown
Date: 2026.02.08 12:10:57-06'00'

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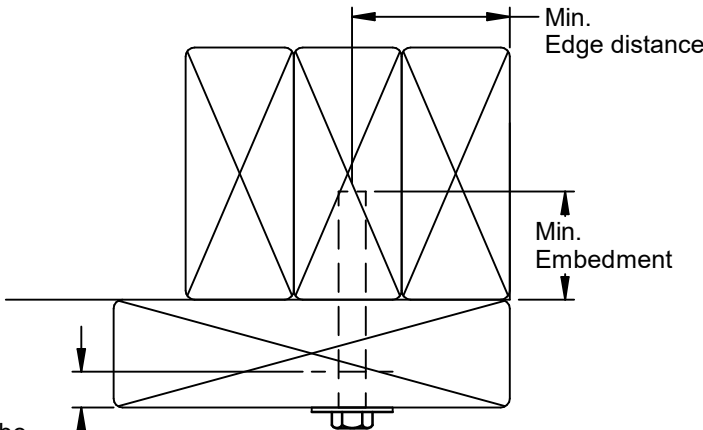
1. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the maximum jamb loads listed.
2. DASMA Technical Data Sheet TDS-161 may be used for alternate jamb attachments. Alternate jamb attachments may be used if approved by a registered 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 cladding.

Max. Positive Jamb Load	
(12'-2" x 45.9 PSF) / 2 =	280 lbs. per foot
Max. Negative Jamb Load	
(12'-2" x -51.9 PSF) / 2 =	317 lbs. per foot

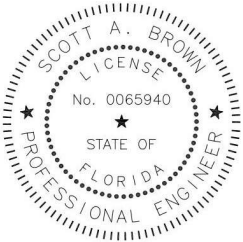
2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	6"	22"	526
Southern Pine	3/8" x 3" Lag with 1-1/8" 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"	20"	482



Section D-D
2500 PSI Min. Concrete



Section D-D
Southern Pine or
Spruce Pine Fir

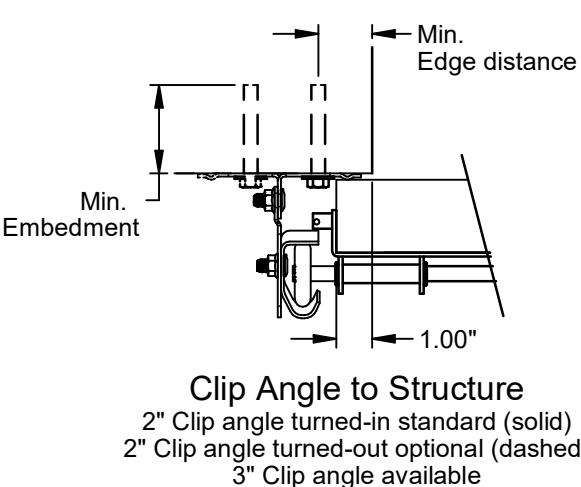
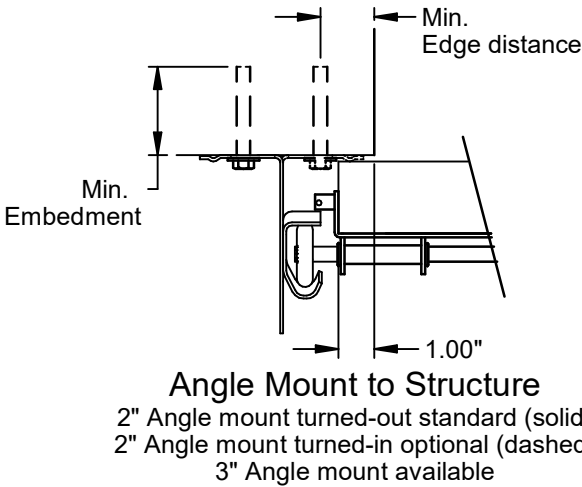
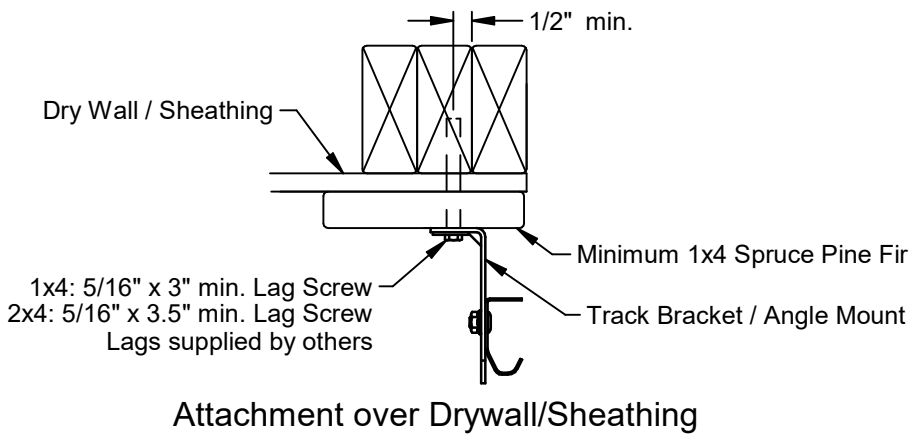
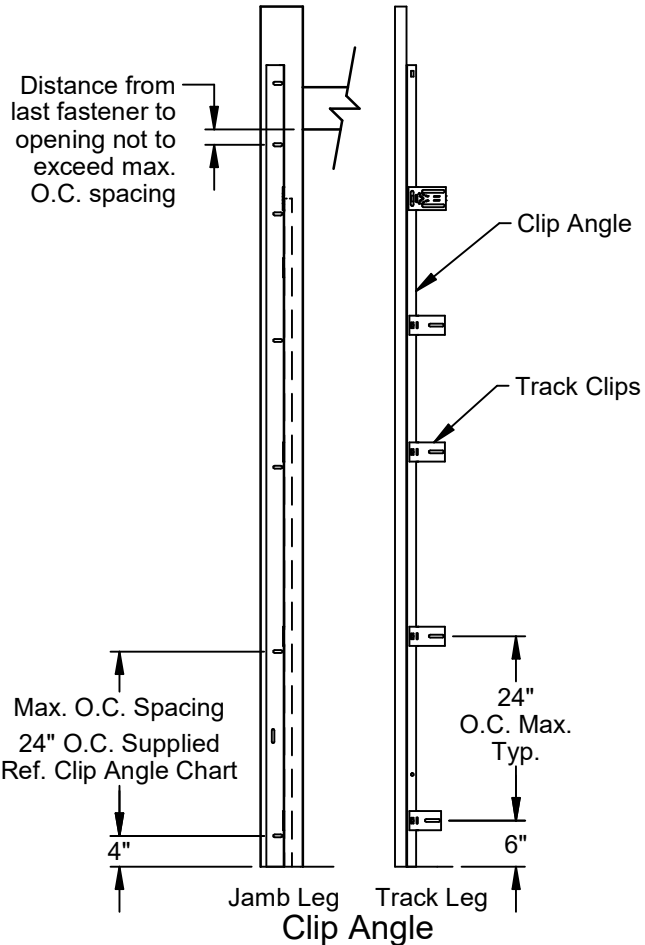
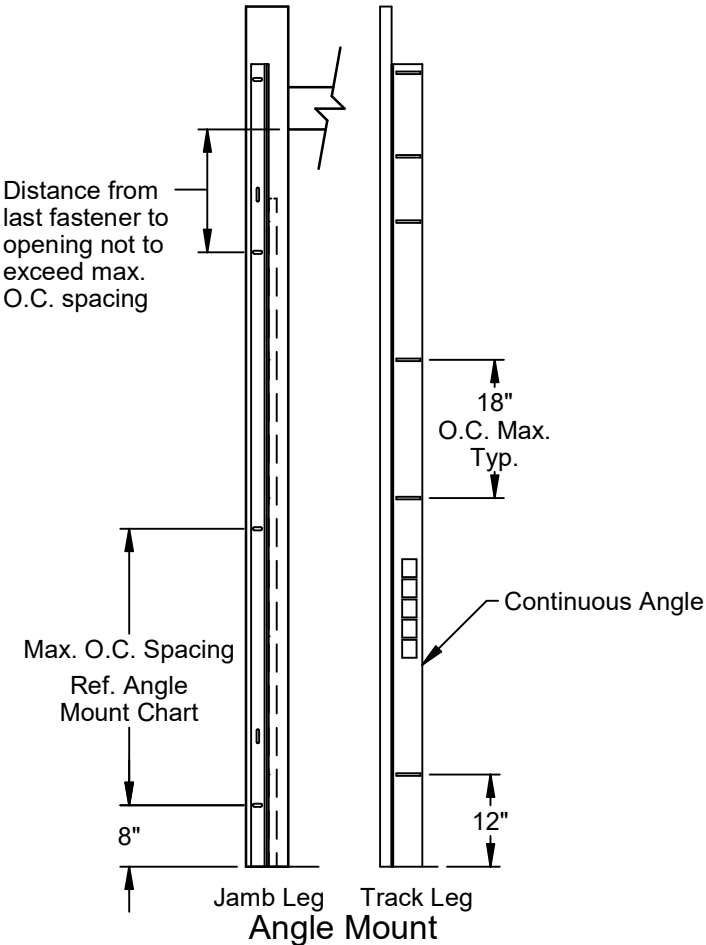
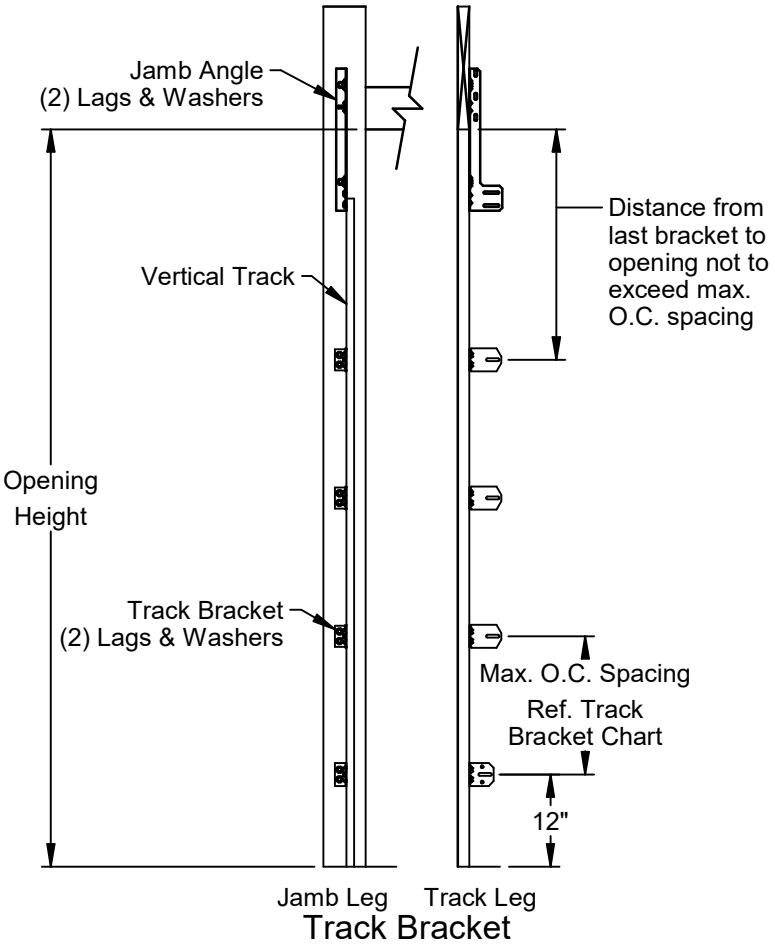


Scott A. Brown, P.E. Lic. No. 65940
Willett Hofmann & Associates, Inc.
809 E 2nd St, Dixon, IL 61021
FBPE CA Lic. No. 35415
Structural Adequacy for Wind Load

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Date: 2026.02.08 12:11:27-06'00'

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Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load SteelPro - SP24 / SP20		
Drawn by: Max Kozeal		No. P-2604	Sheet 2	Rev E
Checked by: R. Frey				
Date: 03/19/25				
ECO: 9203.01				



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FBPE CA Lic. No. 35415
Structural Adequacy for Wind Load

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Date: 2026.02.08 12:11:49-06'00'

Jamb Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Allowable Tension Load (lbs.)	Track Bracket	Angle Mount	Clip Angle
					Max. on Center Spacing	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"	24"
	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	687	N/A	18"	24"
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	651	N/A	18"	24"
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	971	N/A	36"	24"
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	352	18"	12"	*12"
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	480	N/A	18"	*12"

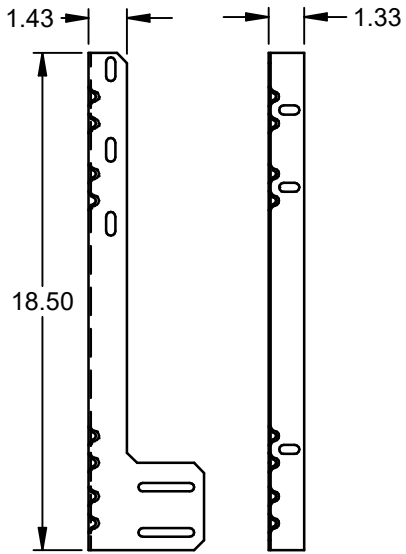
Alternate fasteners may be used if approved by a registered Professional Engineer.
*Field drilling req'd.

Scale: None
Drawn by: Max Kozeal
Checked by: R. Frey
Date: 03/19/25
ECO: 9203.01

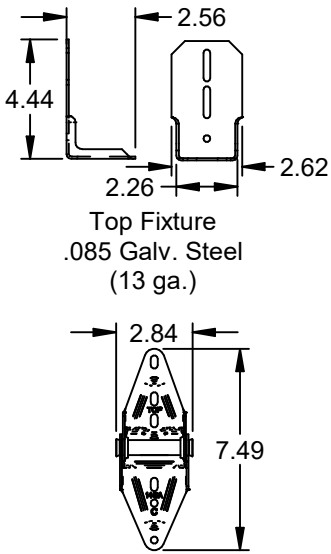
1101 East River Road
Dixon, IL. 61021

Title: Spec, Wind Load SteelPro - SP24 / SP20		
No. P-2604	Sheet 3	Rev E

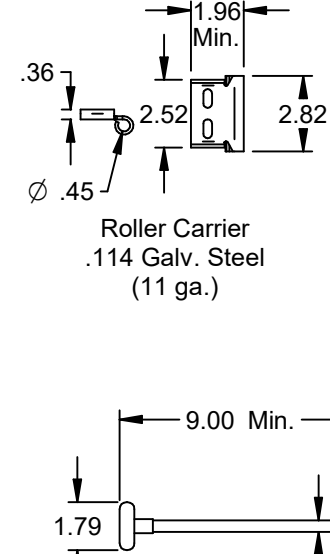
Installation Hardware



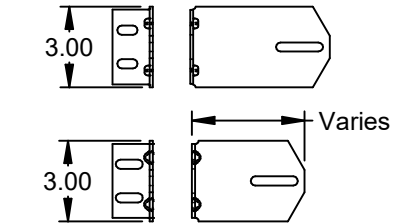
Jamb Angle
.078 Galv. Steel
(14 ga.)



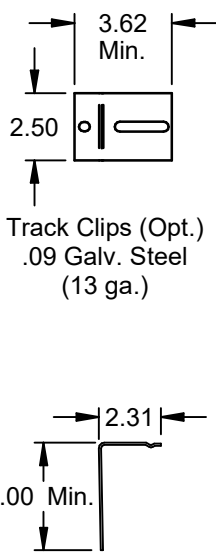
Top Fixture
.085 Galv. Steel
(13 ga.)



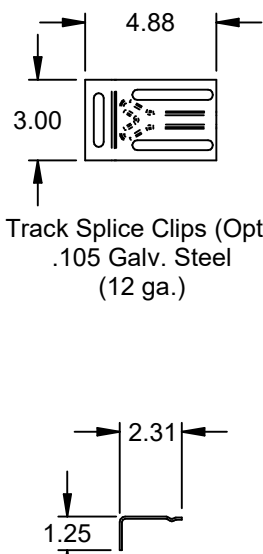
Roller Carrier
.114 Galv. Steel
(11 ga.)



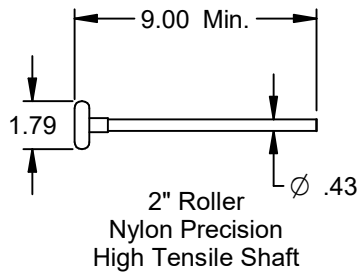
Track Bracket
.116 Galv. Steel
(11 ga.)



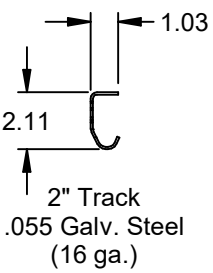
Track Clips (Opt.)
.09 Galv. Steel
(13 ga.)



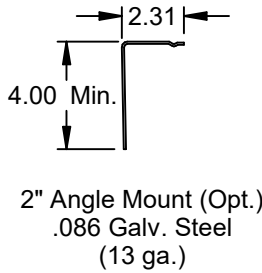
Track Splice Clips (Opt.)
.105 Galv. Steel
(12 ga.)



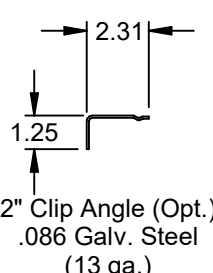
2" Roller
Nylon Precision
High Tensile Shaft



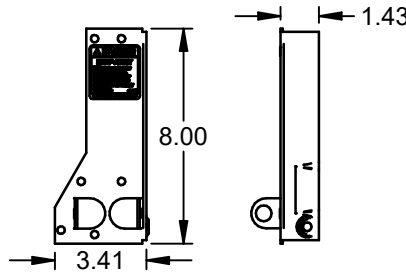
2" Track
.055 Galv. Steel
(16 ga.)



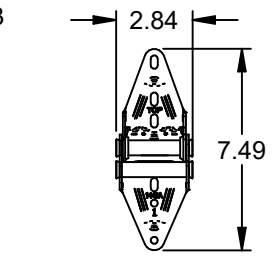
2" Angle Mount (Opt.)
.086 Galv. Steel
(13 ga.)



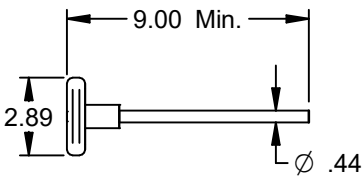
2" Clip Angle (Opt.)
.086 Galv. Steel
(13 ga.)



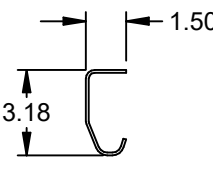
Corner Bracket
.086 Galv. Steel
(13 ga.)



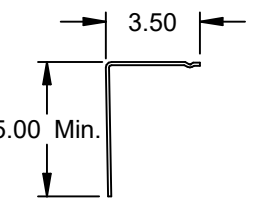
Edge Hinge
.069 min. Galv. Steel
(14 ga.)



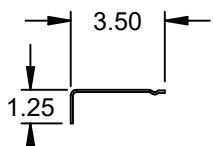
3" Roller
Steel Precision
High Tensile Shaft



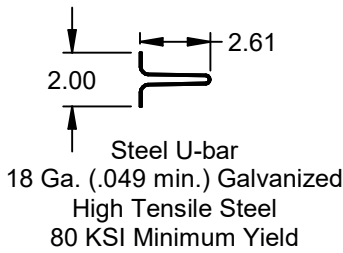
3" Track (Opt.)
.105 Galv. Steel
(12 ga.)



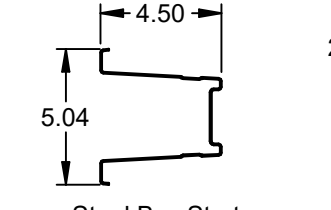
3" Angle Mount (Opt.)
.086 Min. Galv. Steel
(13 ga.)



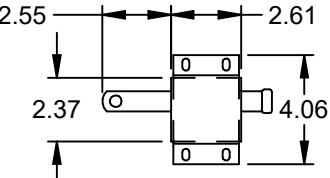
3" Clip Angle (Opt.)
.086 Galv. Steel
(13 ga.)



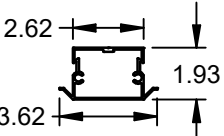
Steel U-bar
18 Ga. (.049 min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



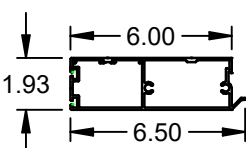
Steel Box Strut
18 Ga. (.049 min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



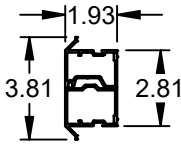
Slide Lock



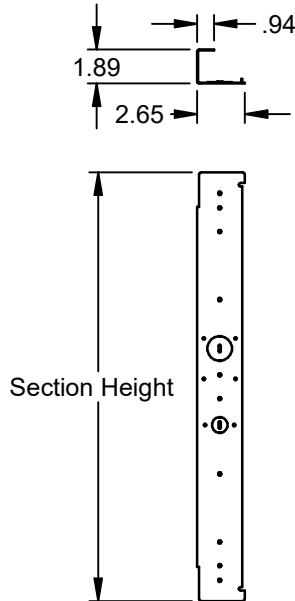
Center Stile
.063 Extruded Aluminum



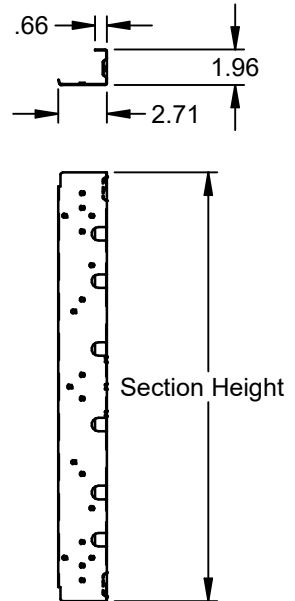
Double End Stile (Opt.)
.080 Extruded Aluminum



Meeting Rail
.075 Extruded Aluminum

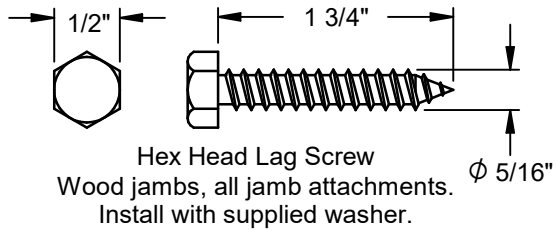


Center Stile
.043 min Galv. Steel
(18 ga.)

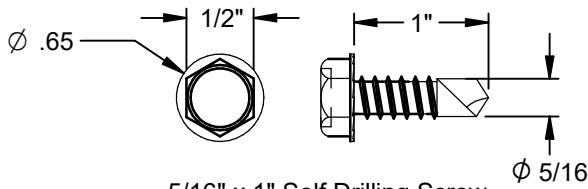


End Stile
.043 min Galv. Steel
(18 ga.)

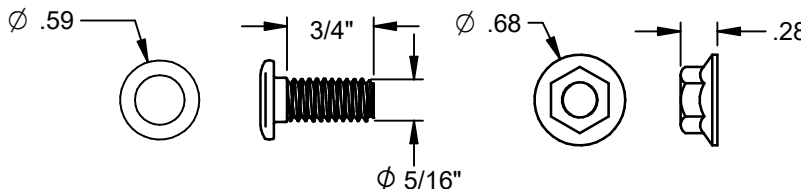
Fasteners & Small Hardware



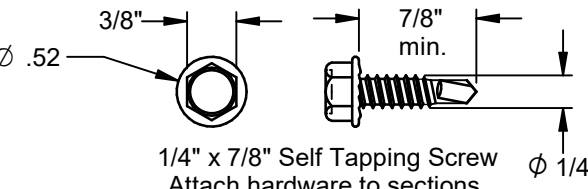
Hex Head Lag Screw
Wood jambs, all jamb attachments.
Install with supplied washer.



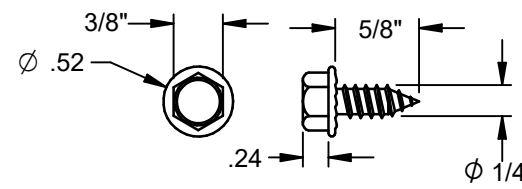
5/16" x 1" Self Drilling Screw
Angle mount & clip angle to steel jambs.
Install with supplied washer.



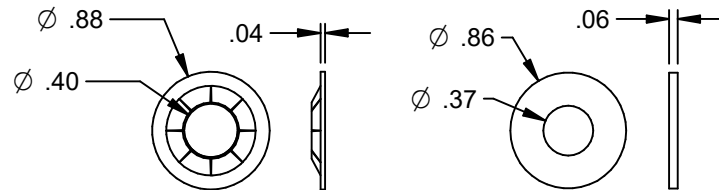
Track Bolt & Serrated Hex Flange Nut
Attach track to jamb attachment with track bolt and
hex flange nut. (1) each required per punch.
(2) Track bolts and (2) nuts connect top fixture and
roller carrier.



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

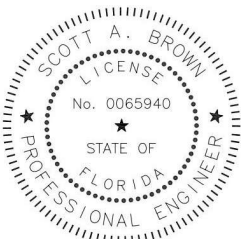


1/4" x 5/8" Self Tapping Screw
Attach hardware to sections.



Roller Keeper
(1) per roller.

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



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Date: 2026.02.08 12:12:11-06'00'

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

Scale: None
Drawn by: Max Kozeal
Checked by: R. Frey
Date: 03/19/25
ECO: 9203.01



Title: Spec, Wind Load SteelPro - SP24 / SP20		
No. P-2604	Sheet 4	Rev E