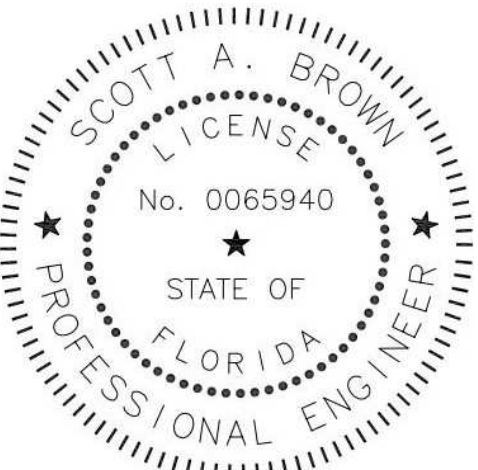
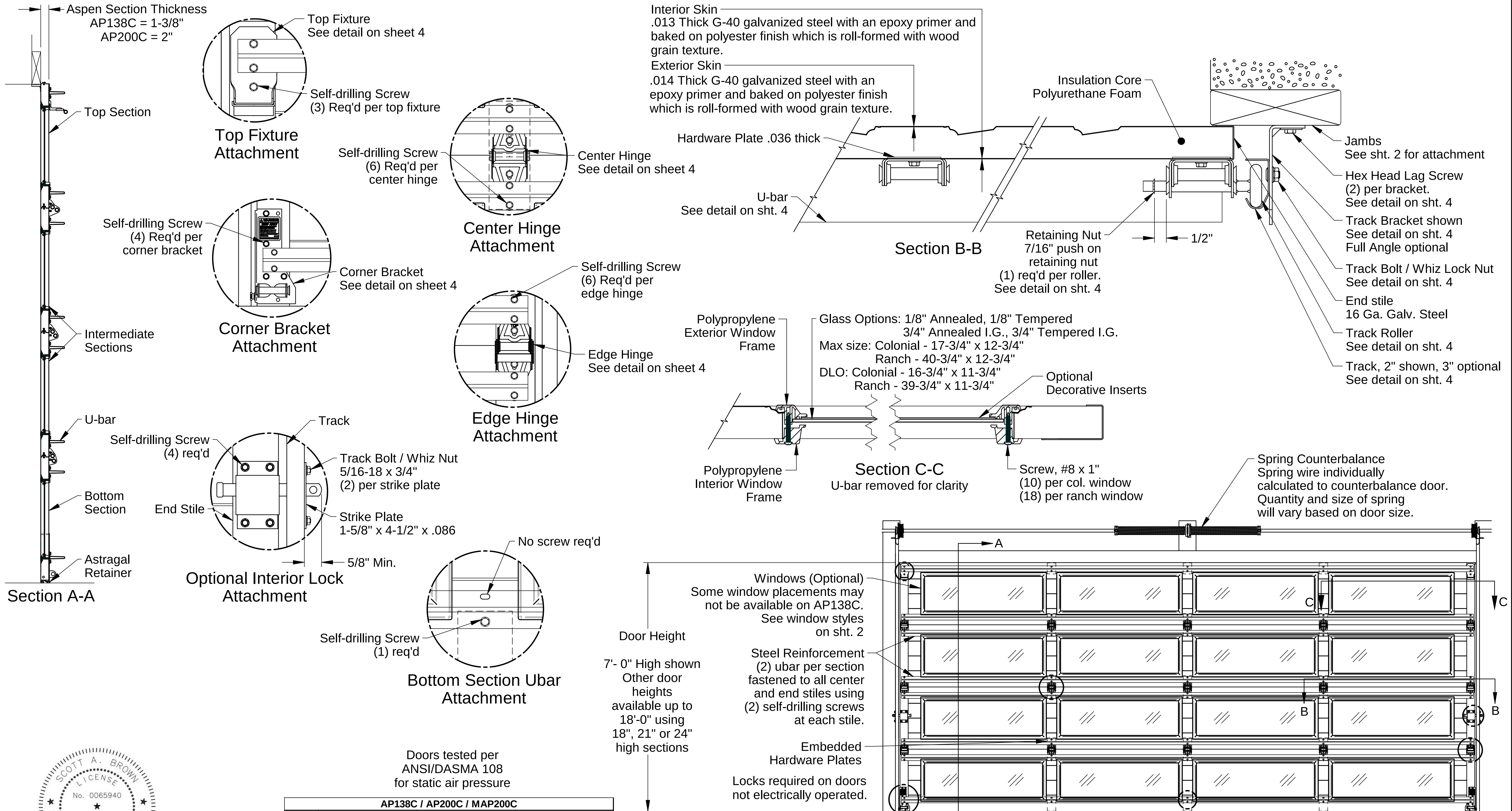




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Doors tested per
ANSI/DASMA 108
for static air pressure

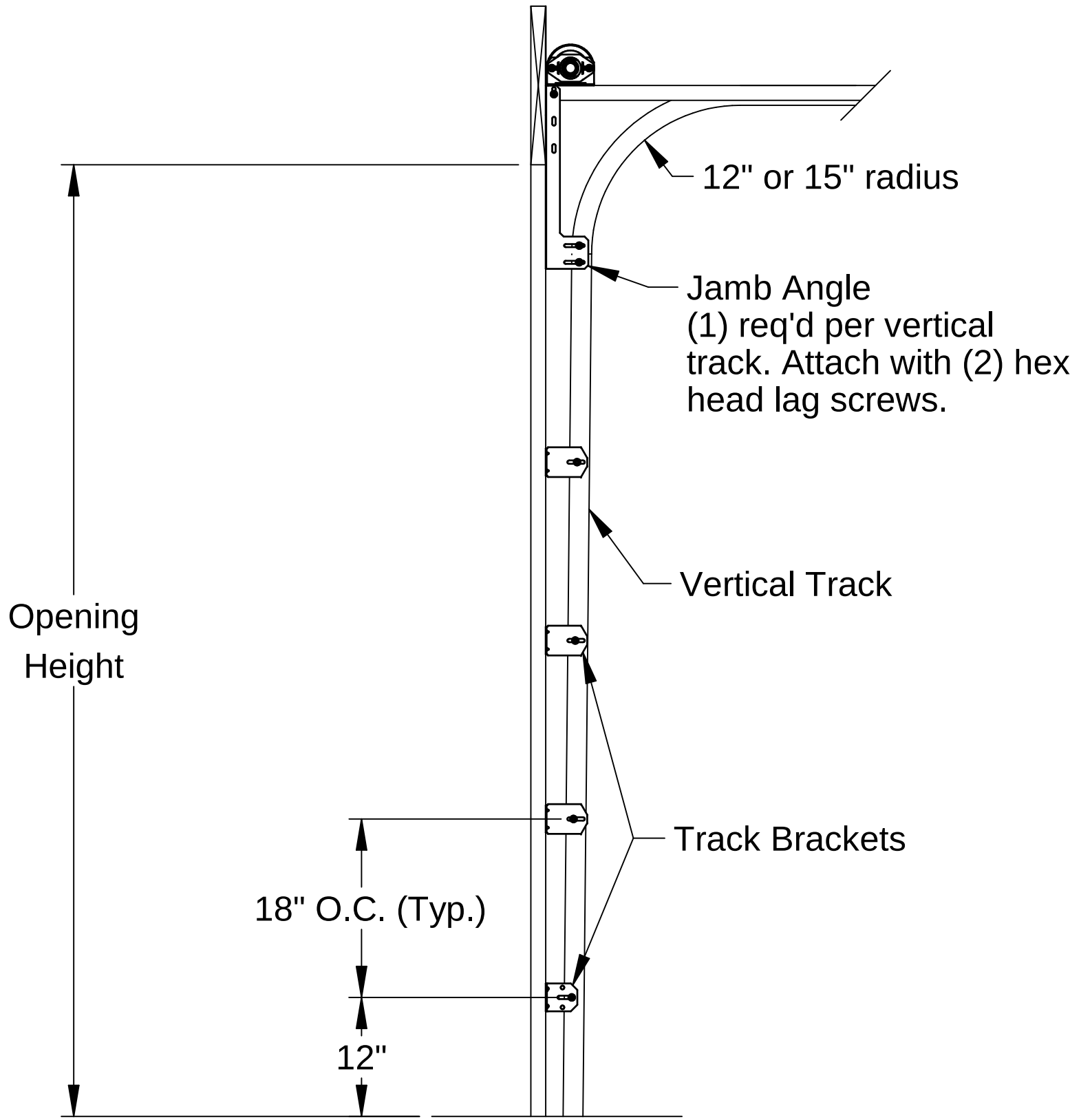
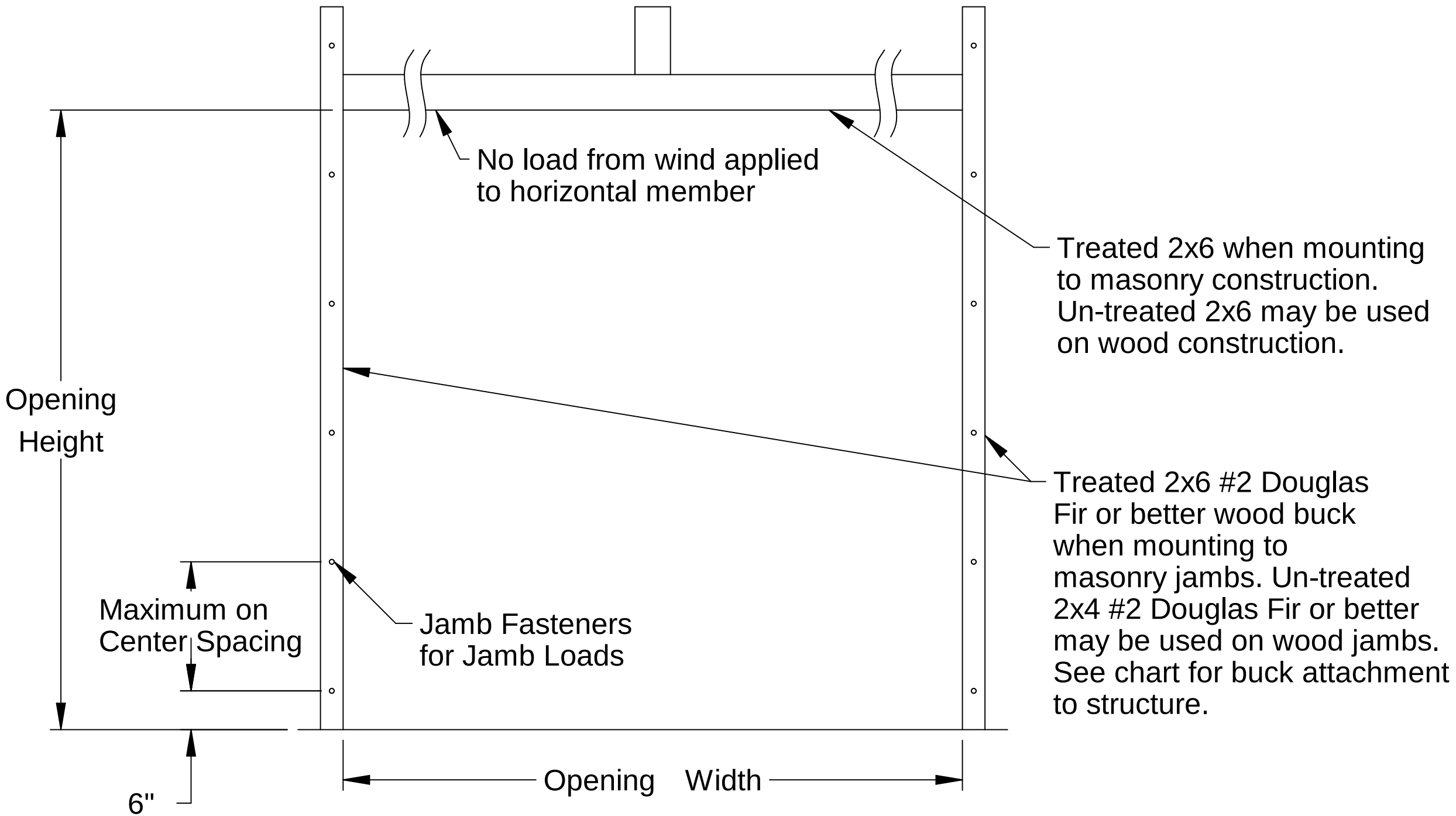
AP138C / AP200C / MAP200C									
Max. Door Width	Colonial		Ranch		Carriage House				
	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads			
		24" Max Section Height		24" Max Section Height		24" Max Section Height			
8'-2"	1	68.4	-77.3	1	68.4	-77.3	1	68.4	-77.3
9'-2"	1	60.8	-68.7	1	60.8	-68.7	1	60.8	-68.7
10'-2"	2	49.8	-56.3	1	49.2	-55.6	1	49.2	-55.6
12'-2"	2	41.5	-46.9	2	41.5	-46.9	2	31.0	-34.6
14'-2"	4	30.5	-34.5	2	30.5	-34.5	2	26.6	-29.7
16'-2"	3	26.4	-29.4	3	26.4	-29.4	3	26.4	-29.4
18'-2"	3	20.9	-23.2	3	20.9	-23.2	3	20.9	-23.2
20'-2"	5	14.5	-16.2	4	14.5	-16.2	3	14.5	-16.2

				Drawn by: J. Lahman	 1101 East River Road Dixon, IL. 61021	Spec, Wind Load Commercial Aspen		
B	Added MAP200C, updated P.E. information	8997.01	12/08/23	Checked by: R. Frey				
A	Preliminary release.	8399.01	07/26/21	Date: 07/26/21				
Rev.	Description	ECO	Date	ECO: 8399.01		No. P-2445	Sheet 1 of 4	Rev B

Jamb Attachment Notes:

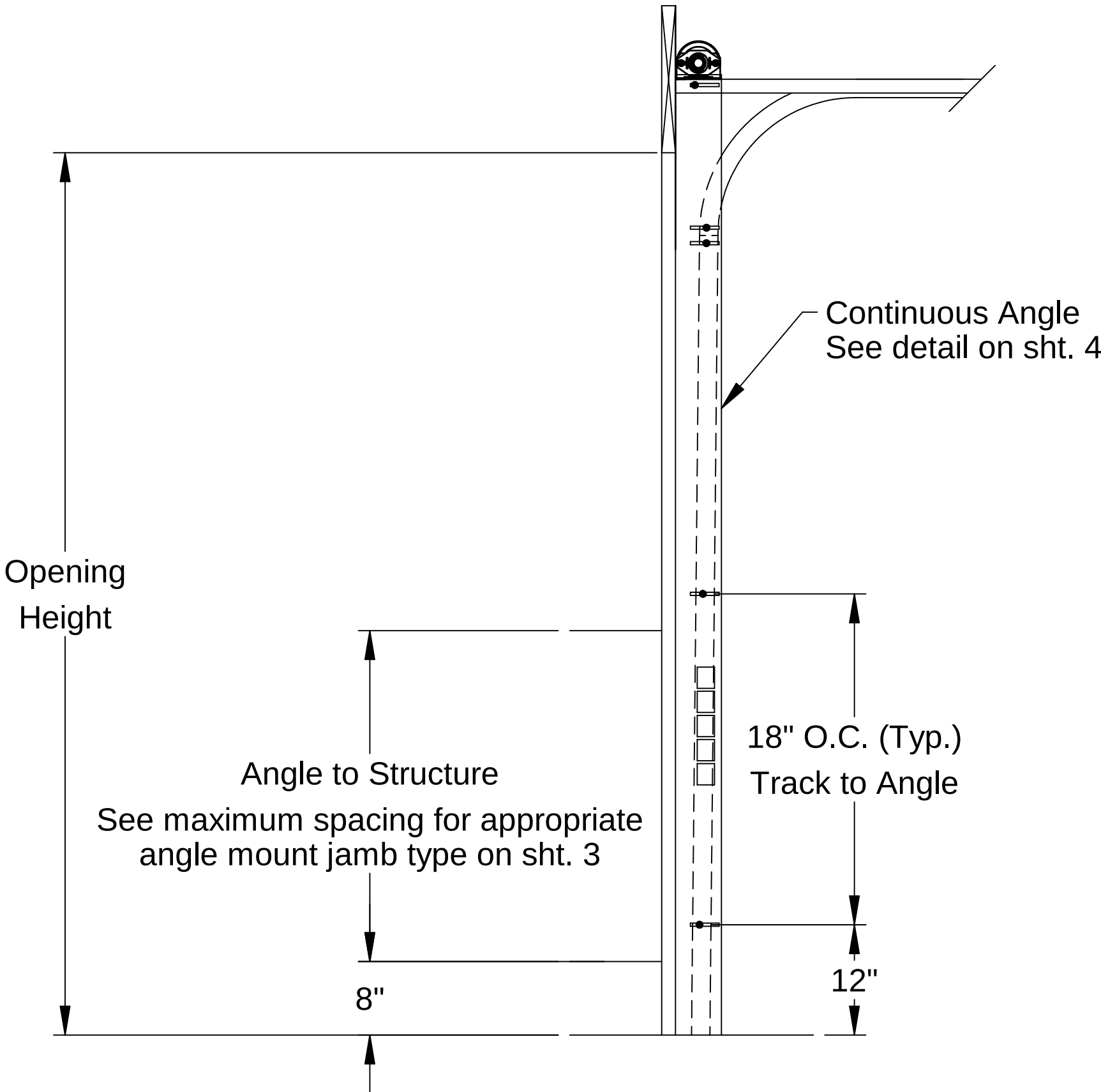
- 1. Maximum Positive Load per Jamb = (9'-0" x 60.8 PSF) / 2 = 274 lbs. per foot.
- 2. Maximum Negative Load per Jamb = (9'-0" x -68.7 PSF) / 2 = 310 lbs. per foot.
- 3. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the jamb loads 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 1/4" pilot hole and 1-1/2" minimum required distance.
- 7. Masonry fasteners by others.

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"	23"	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"	21"	482



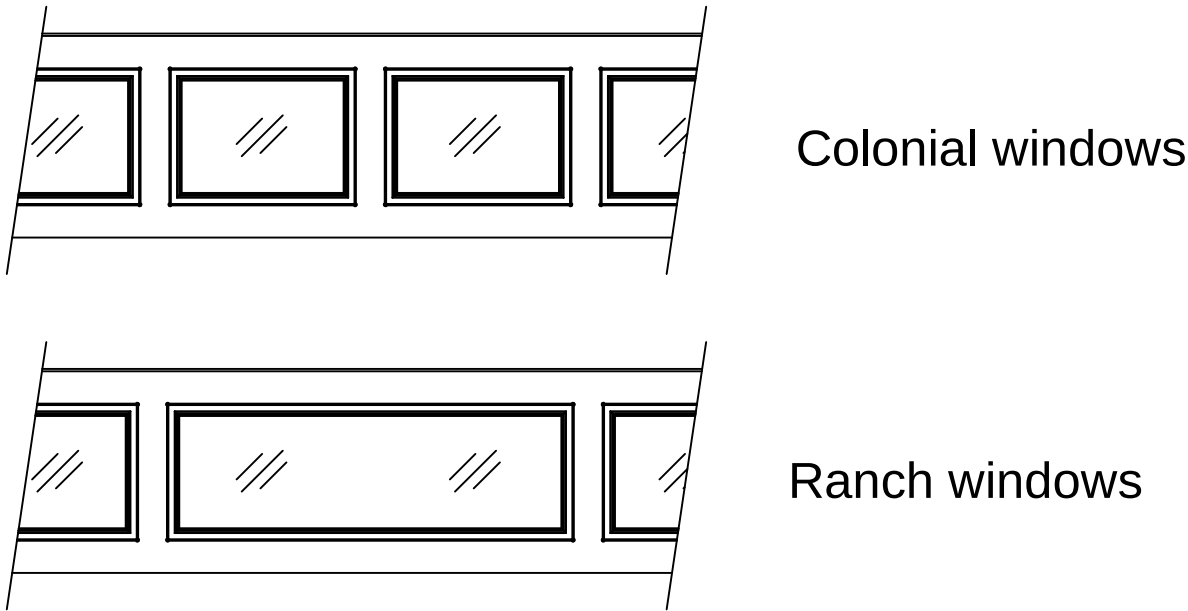
Typical Track Installation
Bracket Mount
Wood Jamb

Normal headroom track shown, low headroom, lift clearance and verical lift track available.

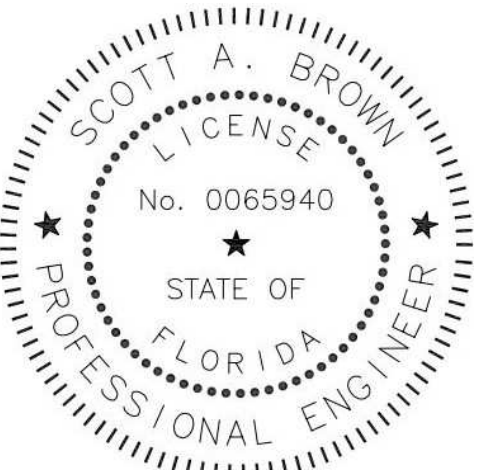


Typical Track Installation
Angle Mount
Wood, Steel or Concrete Jamb

Normal headroom track shown, low headroom, lift clearance and verical lift track available.



Window Styles



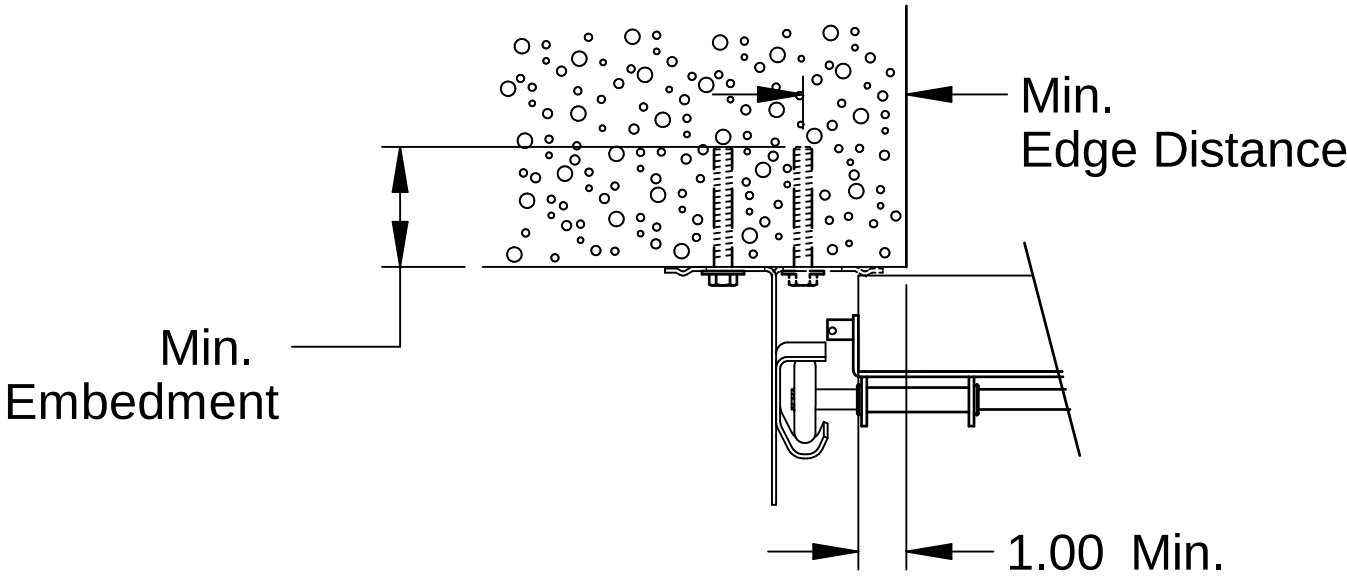
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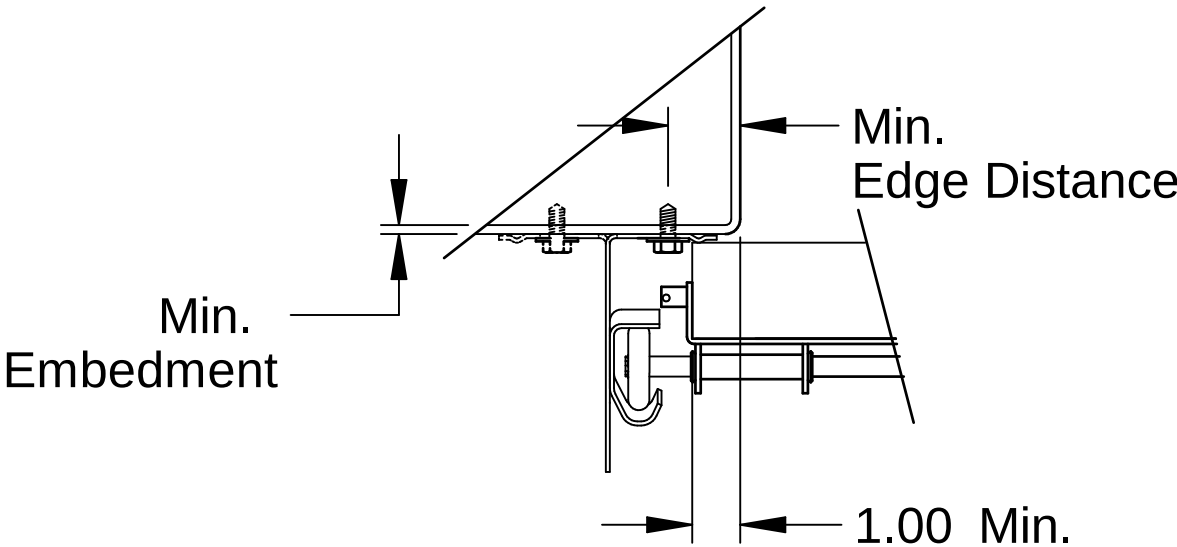
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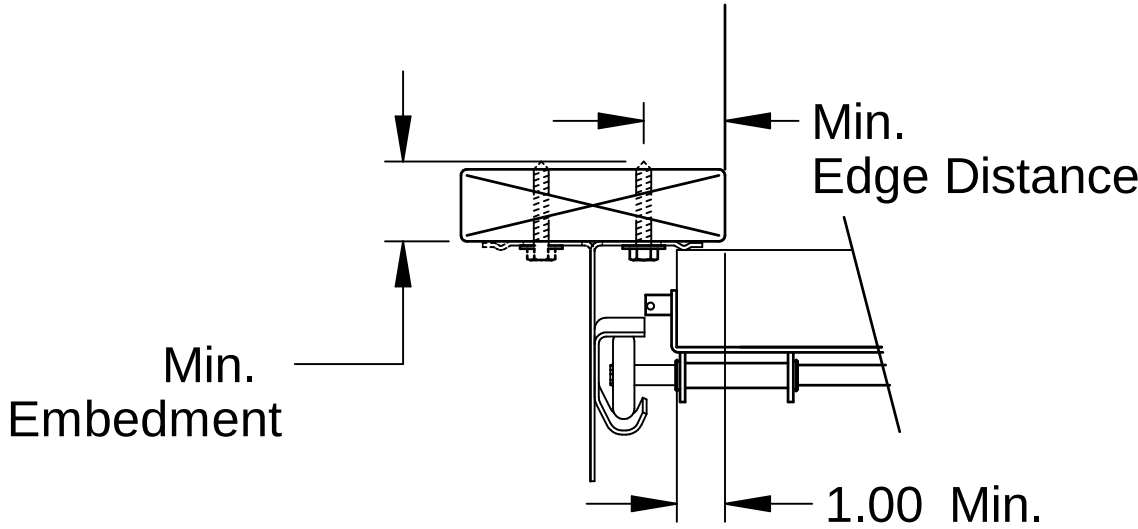
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Checked by: R. Frey			
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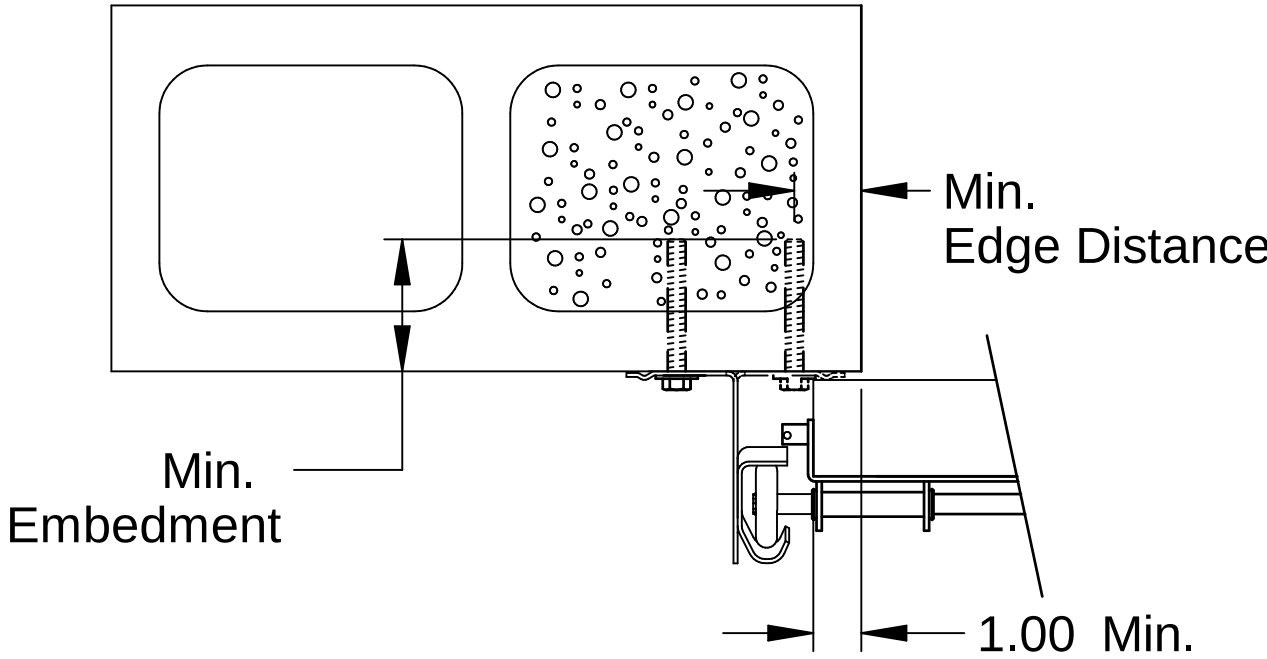
Track Assembly Attachment
to 2500 PSI Min. Concrete
2" Angle mount turned-out standard (solid)
Angle turned-in optional (dashed)
3" Angle mount available



Track Assembly Attachment
to 3/16" Min. Steel Jamb
2" Angle mount turned-in standard (solid)
Angle turned-out optional (dashed)
3" Angle mount available

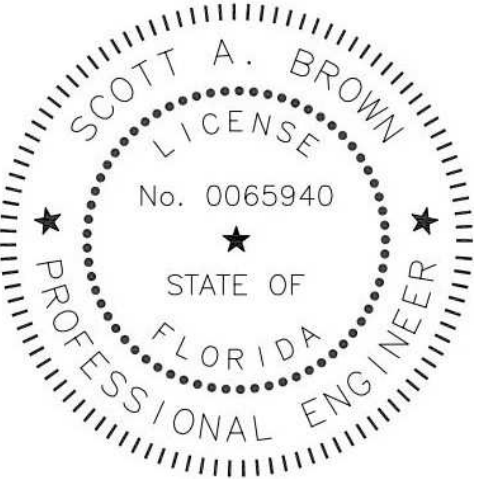


Track Assembly Attachment
to Wood Jamb
2" Angle mount turned-in standard (solid)
Angle turned-out optional (dashed)
3" Angle mount available



Track Assembly Attachment
to Grout Filled CMU Block
2" Angle mount turned-out standard (solid)
Angle turned-in optional (dashed)
3" Angle mount available

Angle Mount					
Jamb Type	Fastener Type	Minimum Embedment (in.)	Minimum Edge Distance (in.)	Maximum on Center Spacing (in.)	Allowable Tension Load (lbs.)
2500 PSI Min. Concrete	3/8" ITW Trubolt	2-1/2"	2-1/2"	36"	893
	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	18"	687
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	36"	971
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	12"	352
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	18"	480



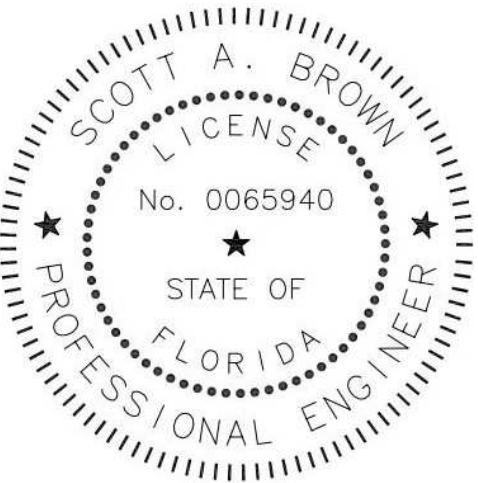
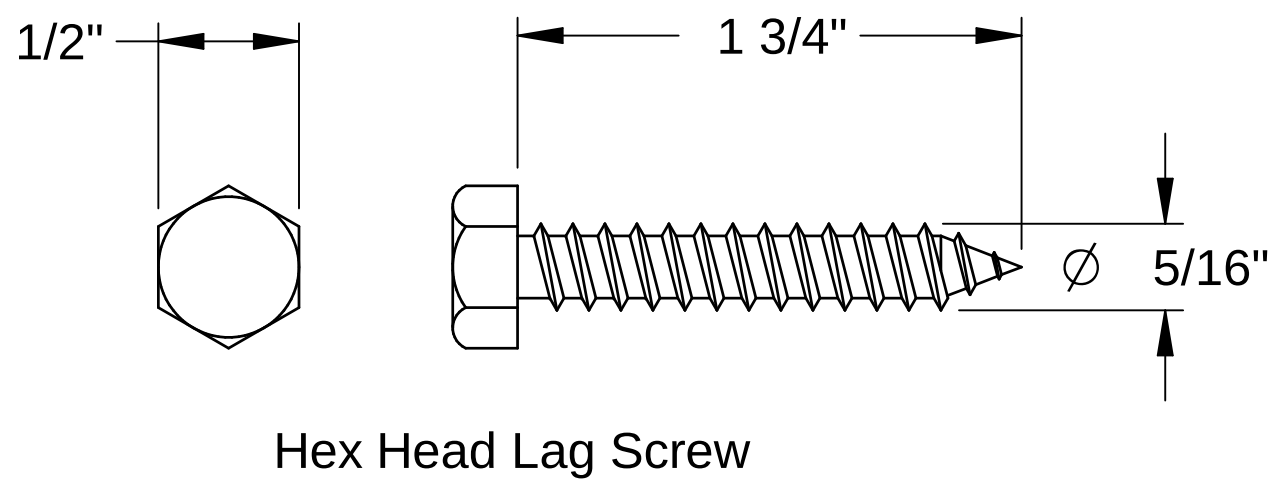
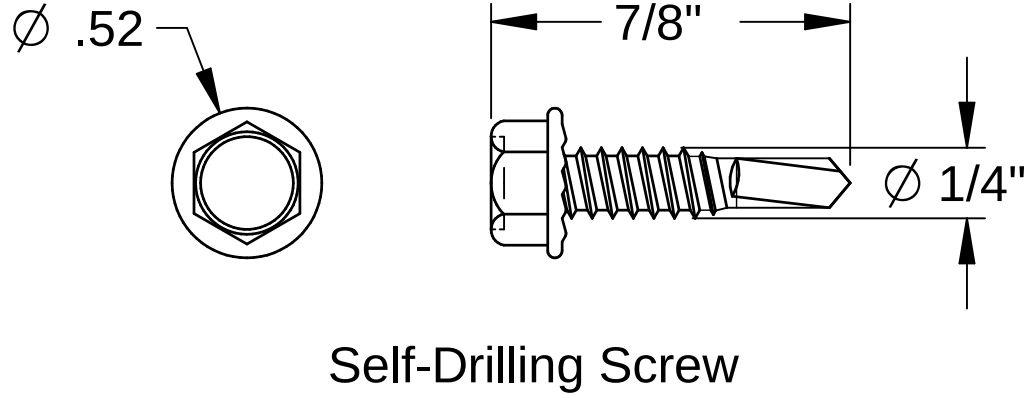
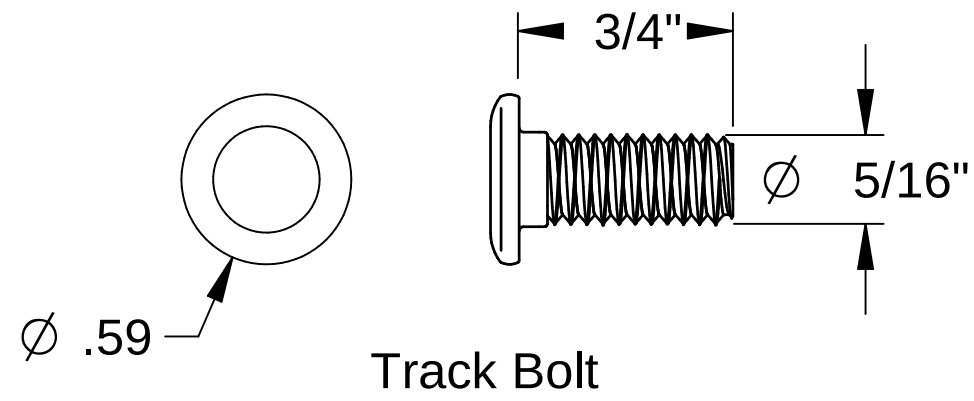
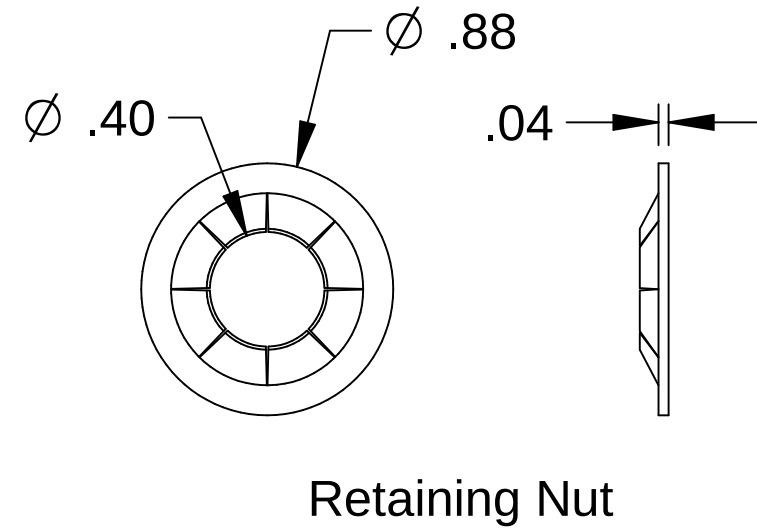
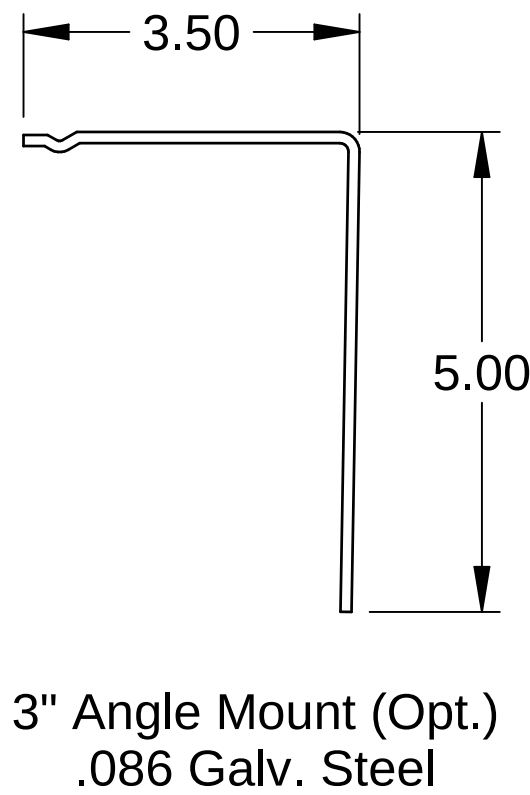
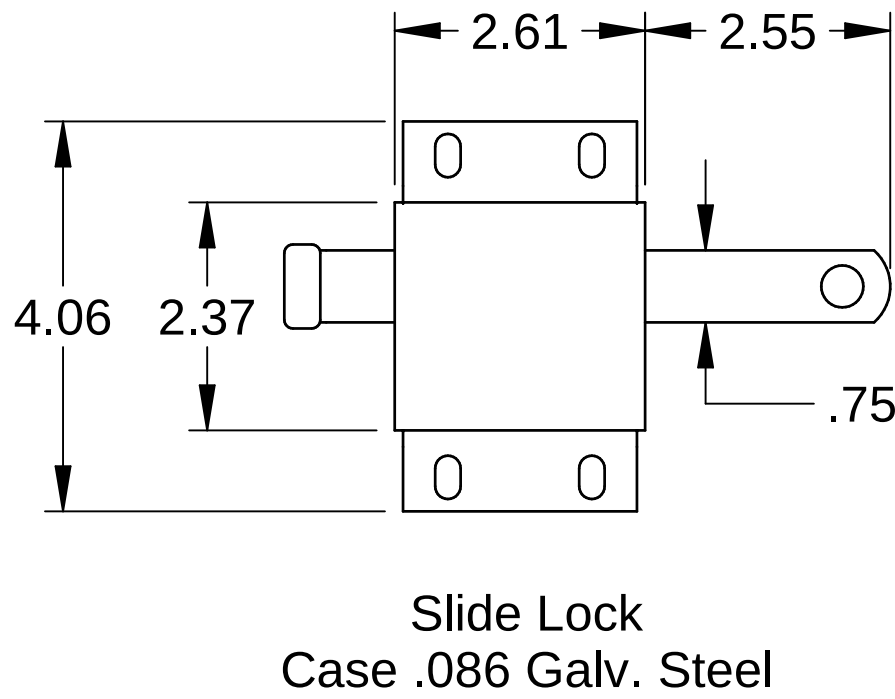
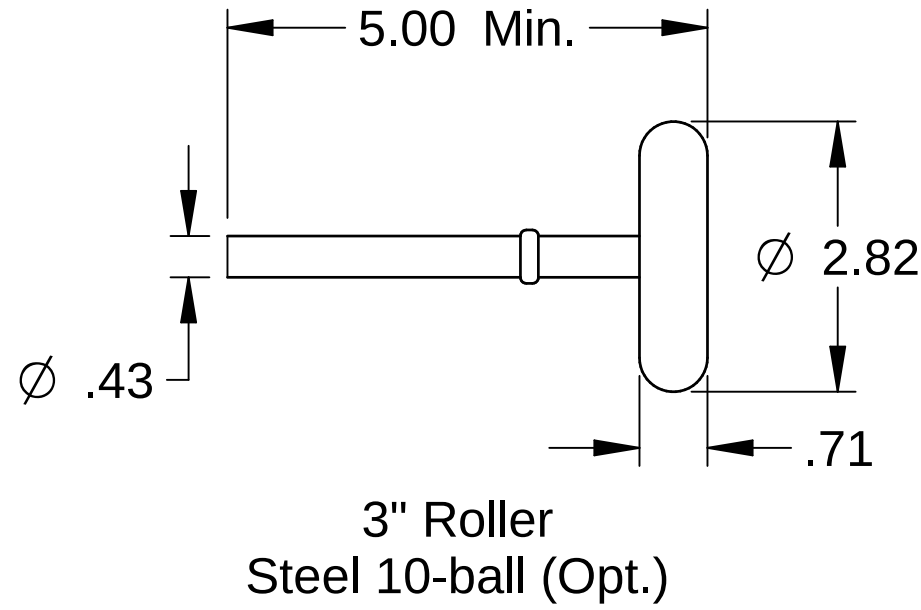
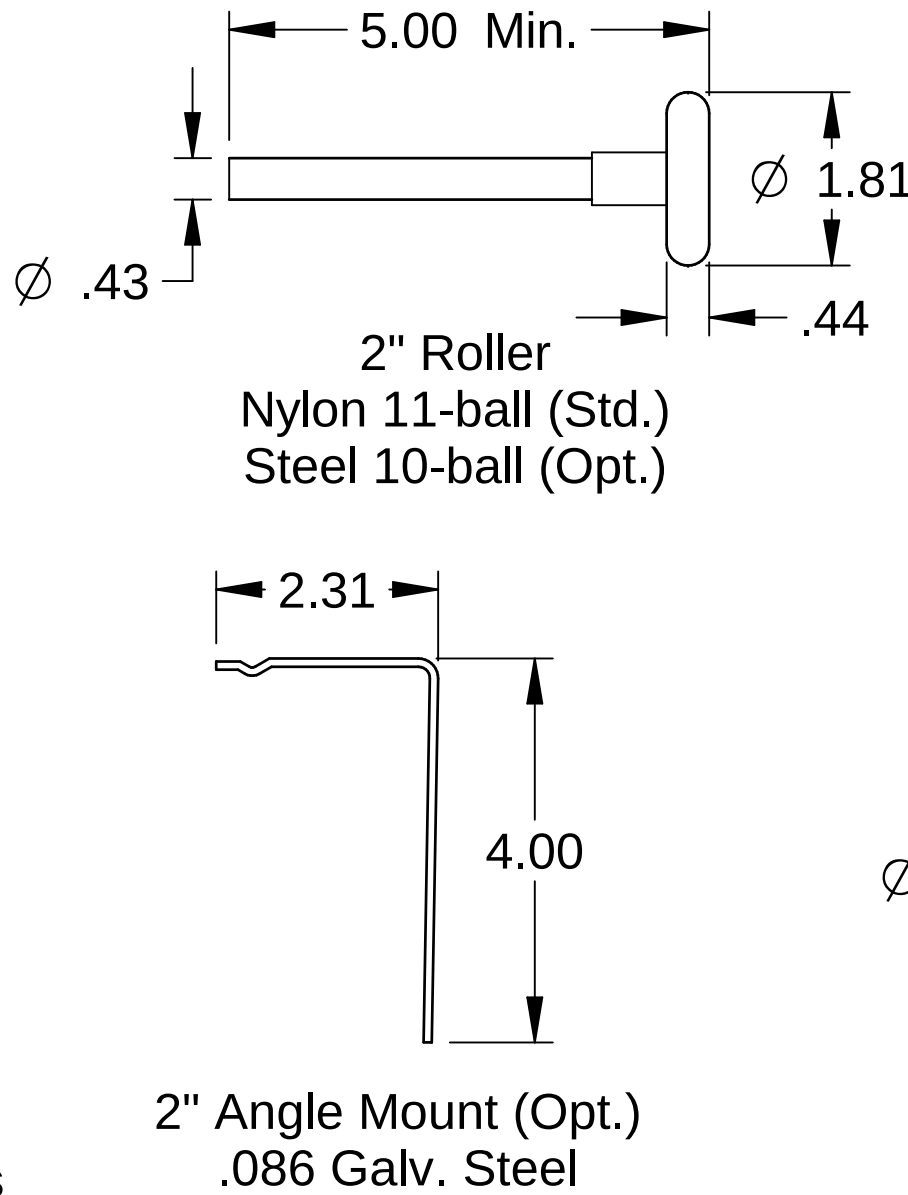
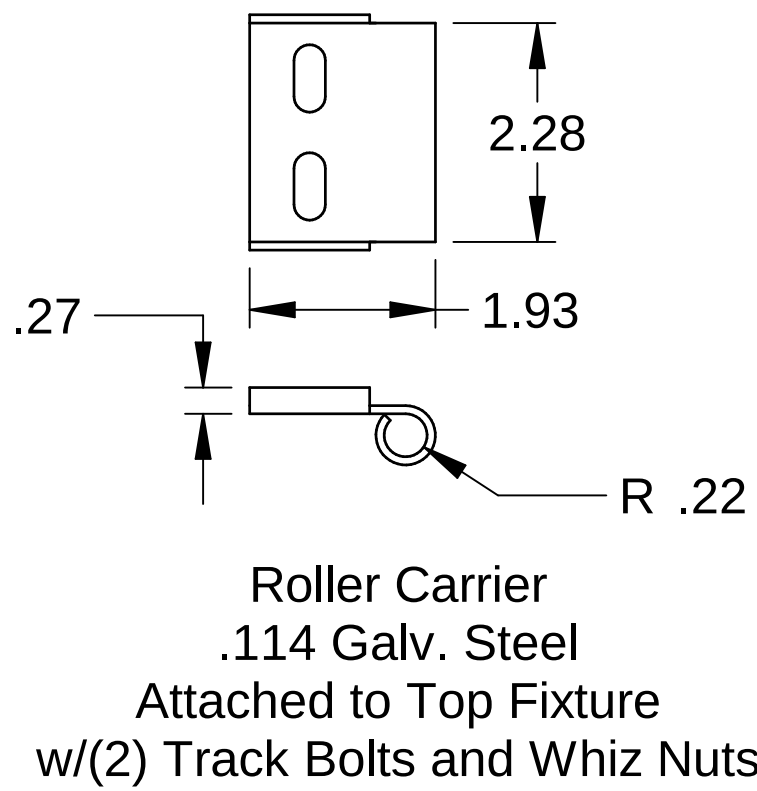
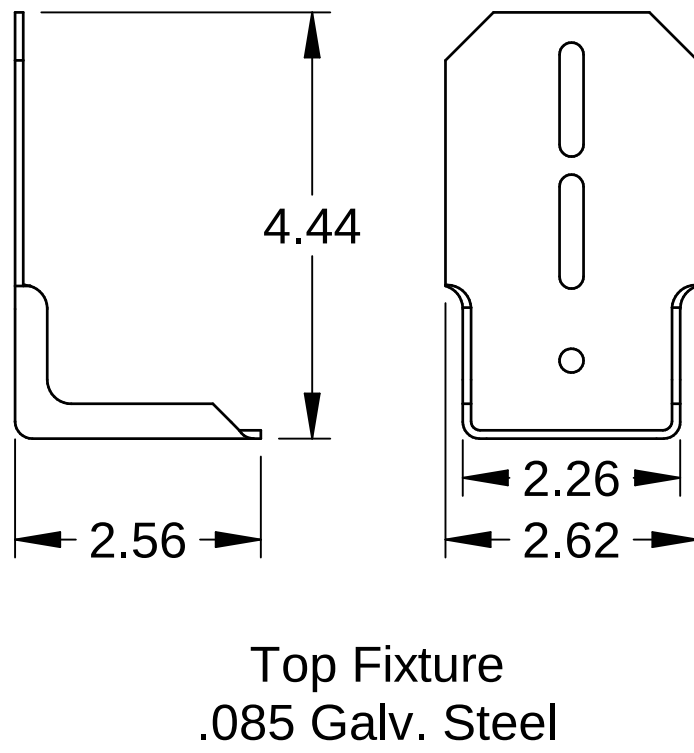
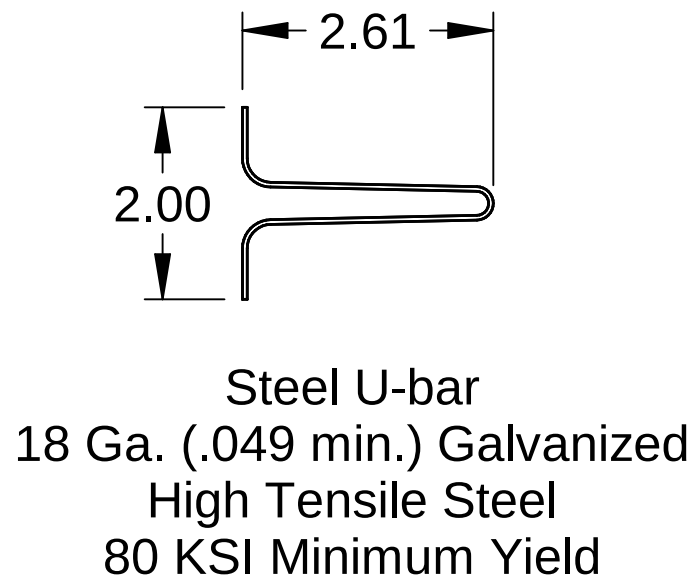
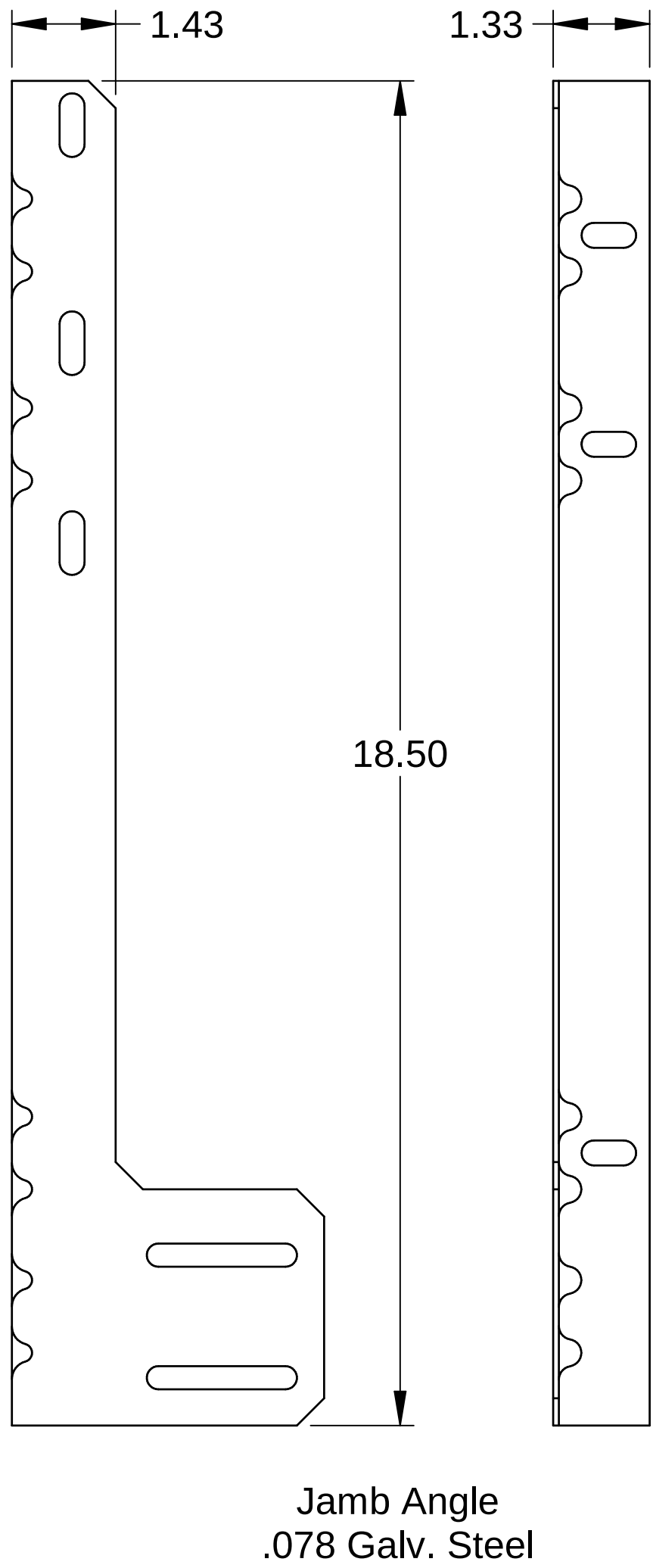
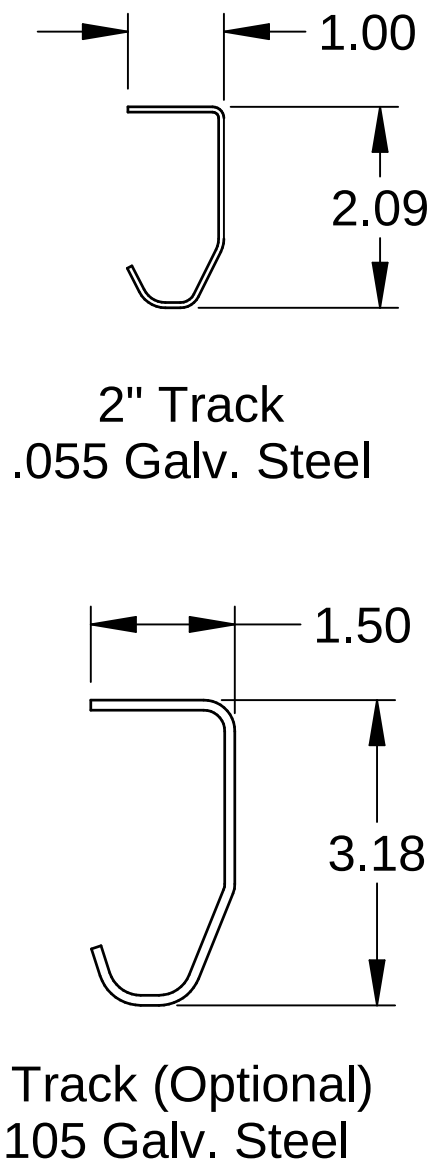
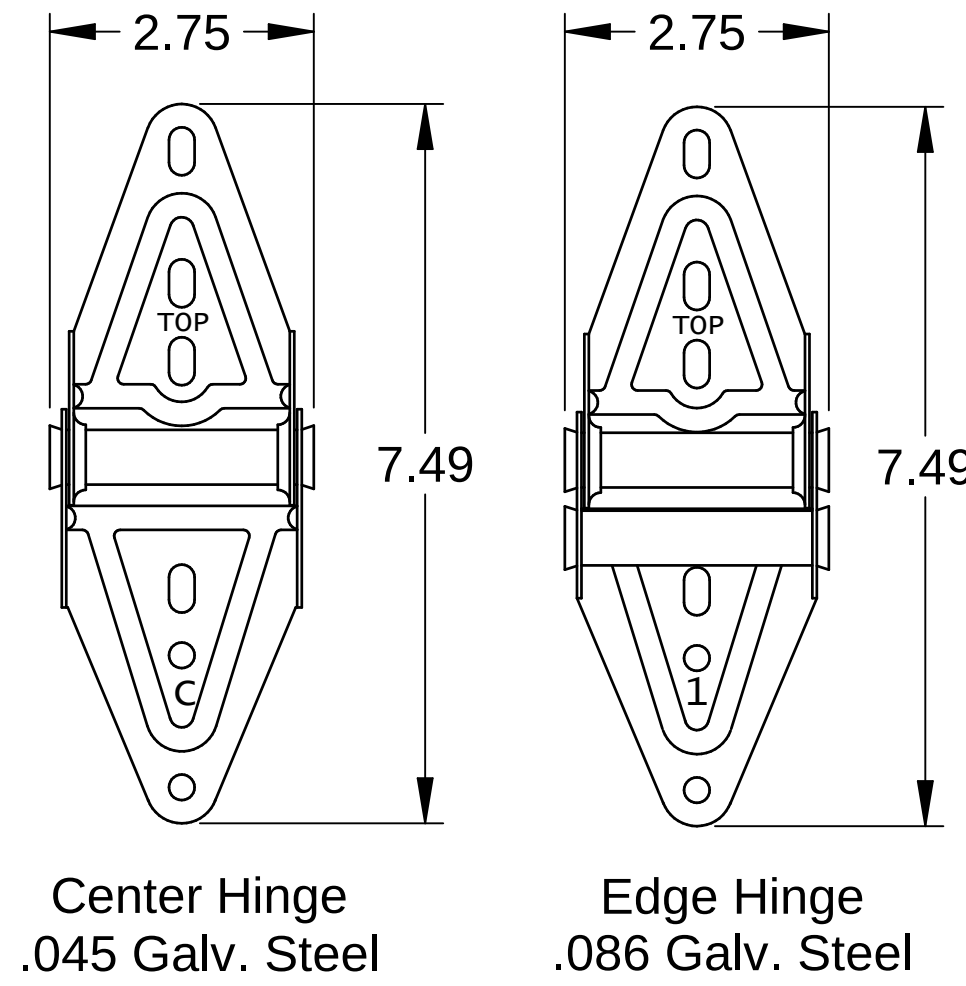
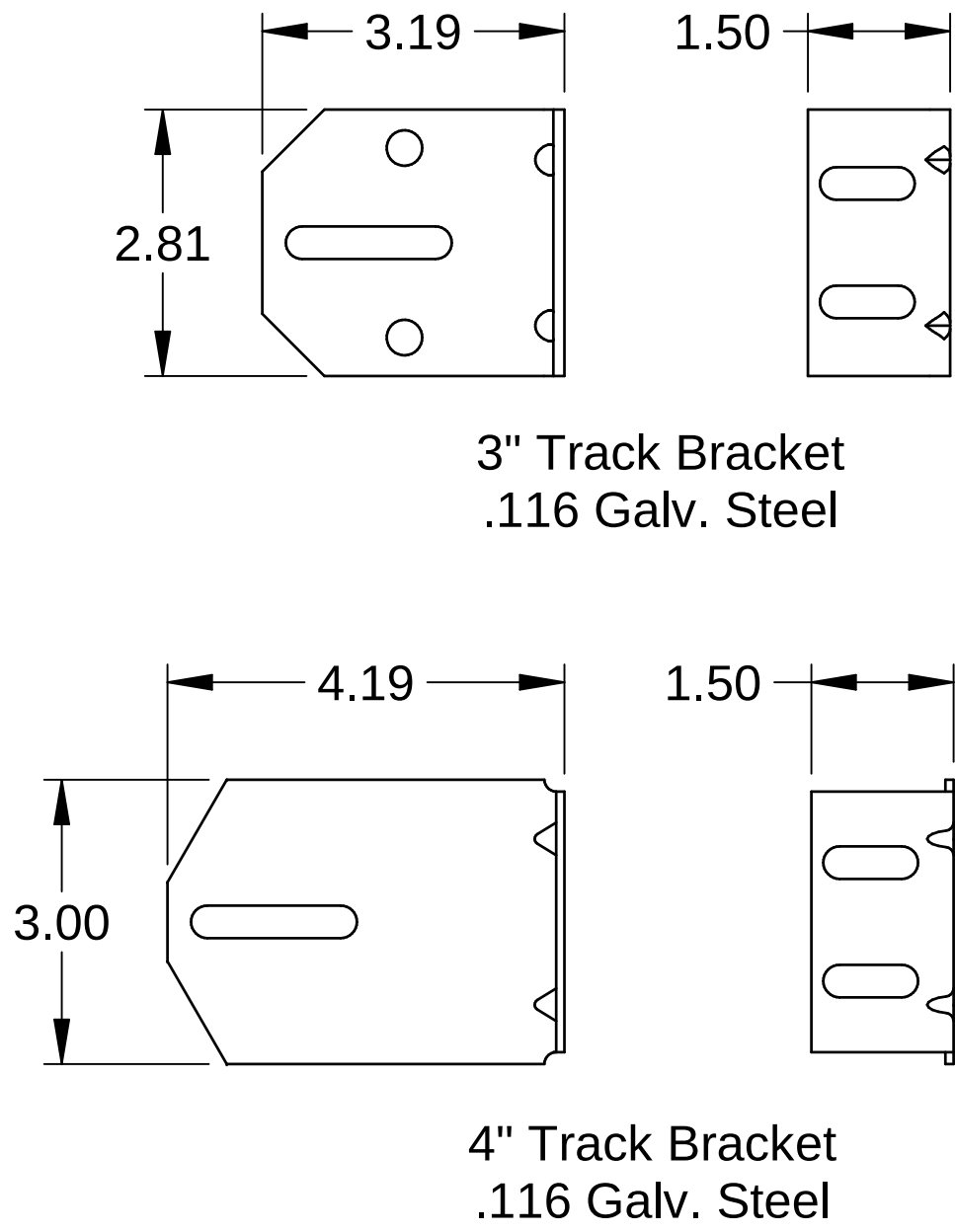
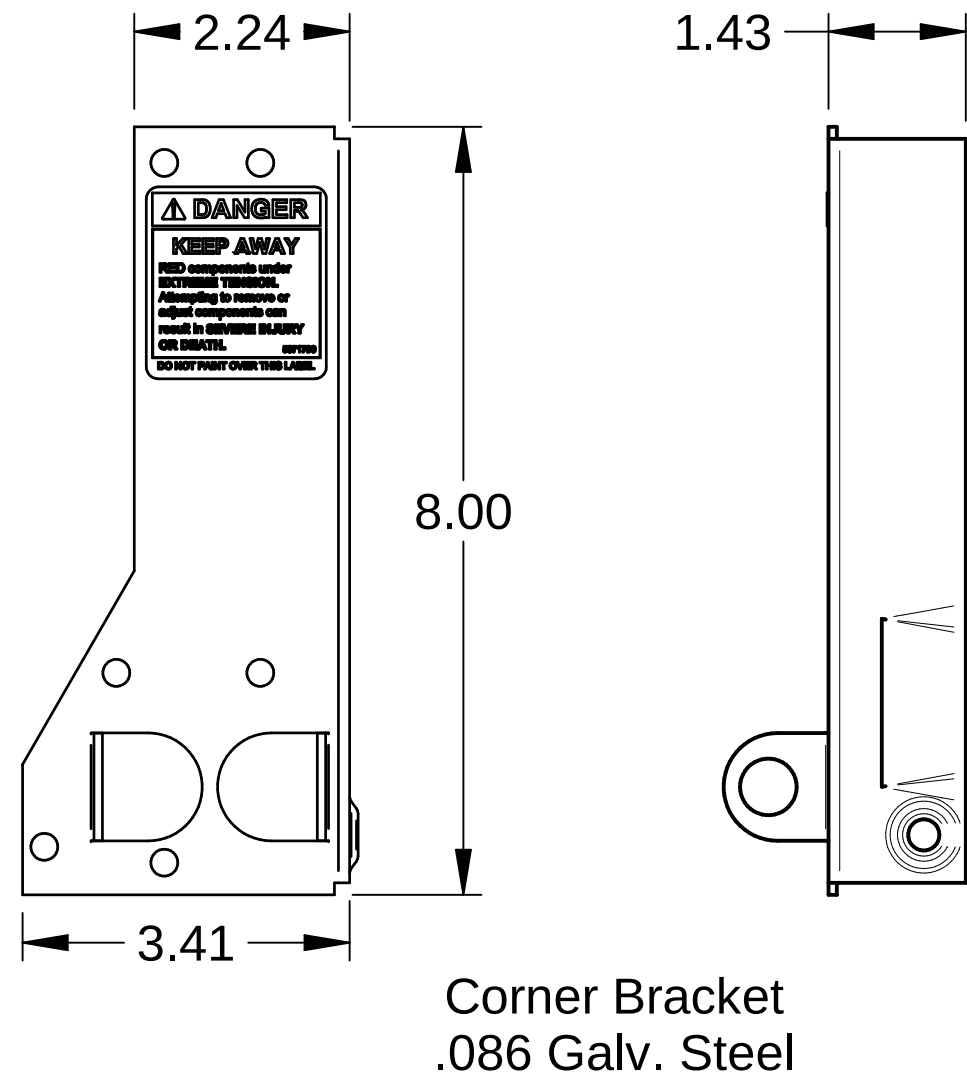
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Checked by: R. Frey			
Date: 07/26/21			
ECO: 8399.01			Rev B



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Dixon, IL. 61021

Title:
Spec, Wind Load
Commercial Aspen

No. P-2445

Sheet
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