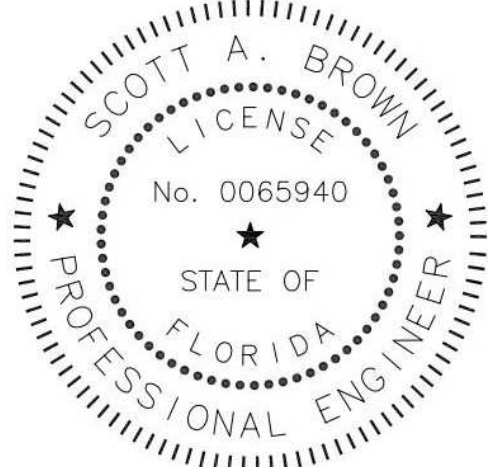
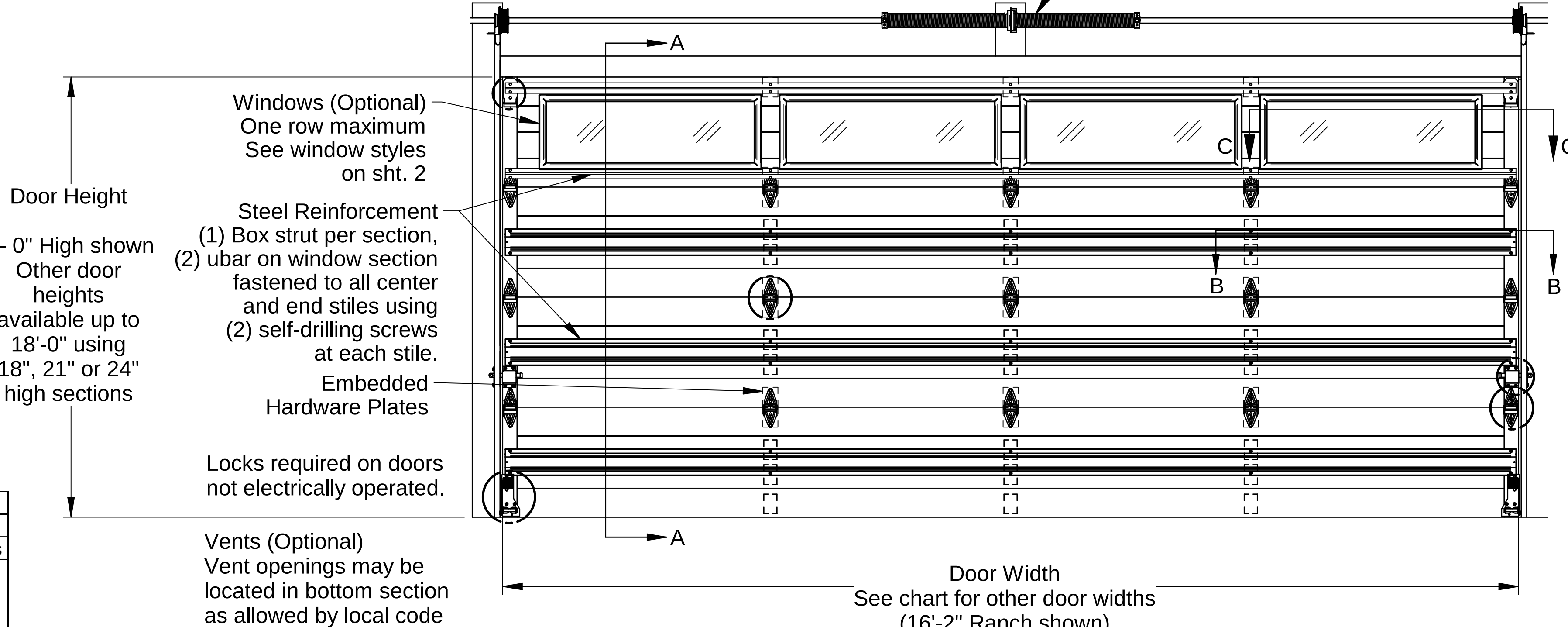
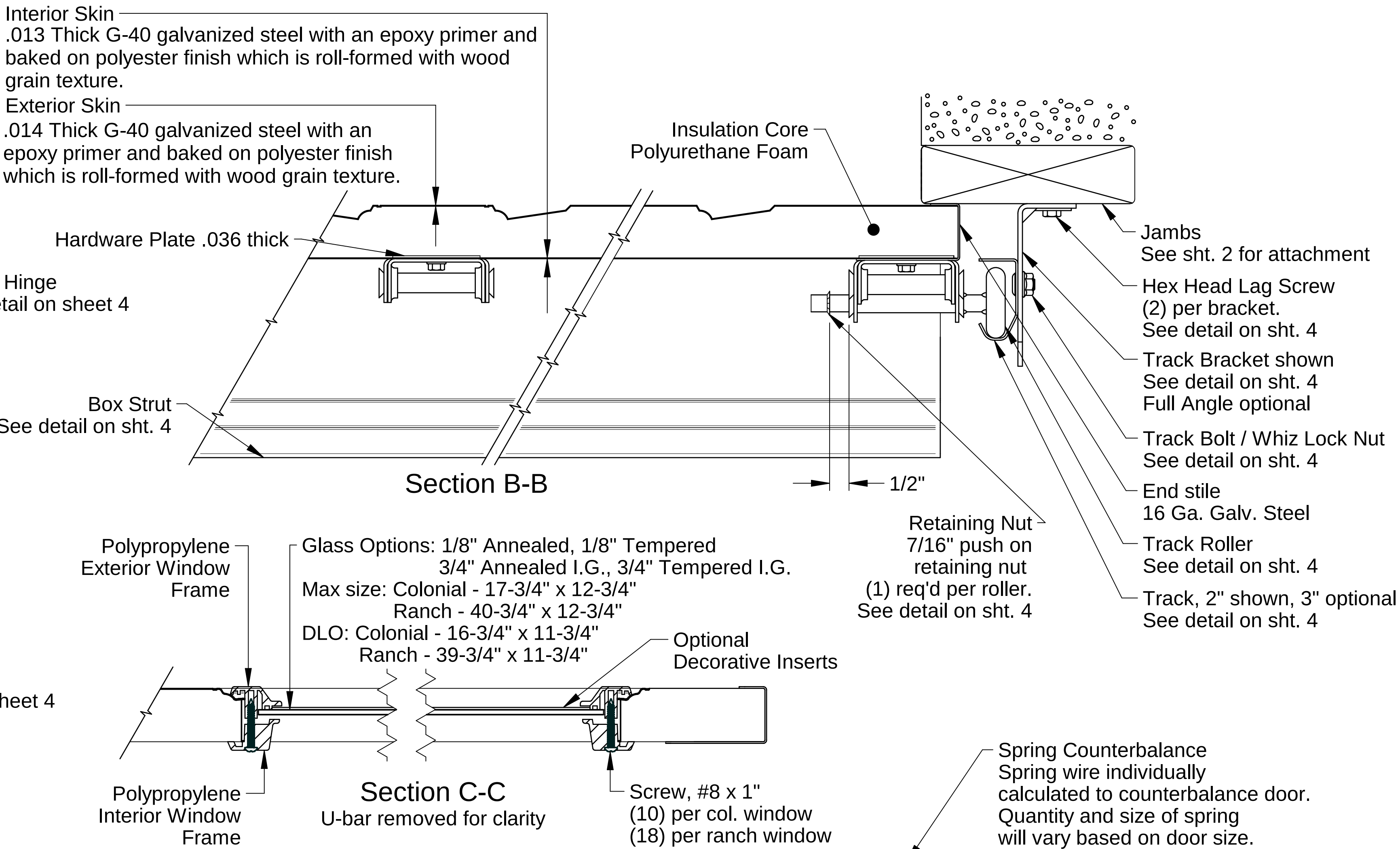
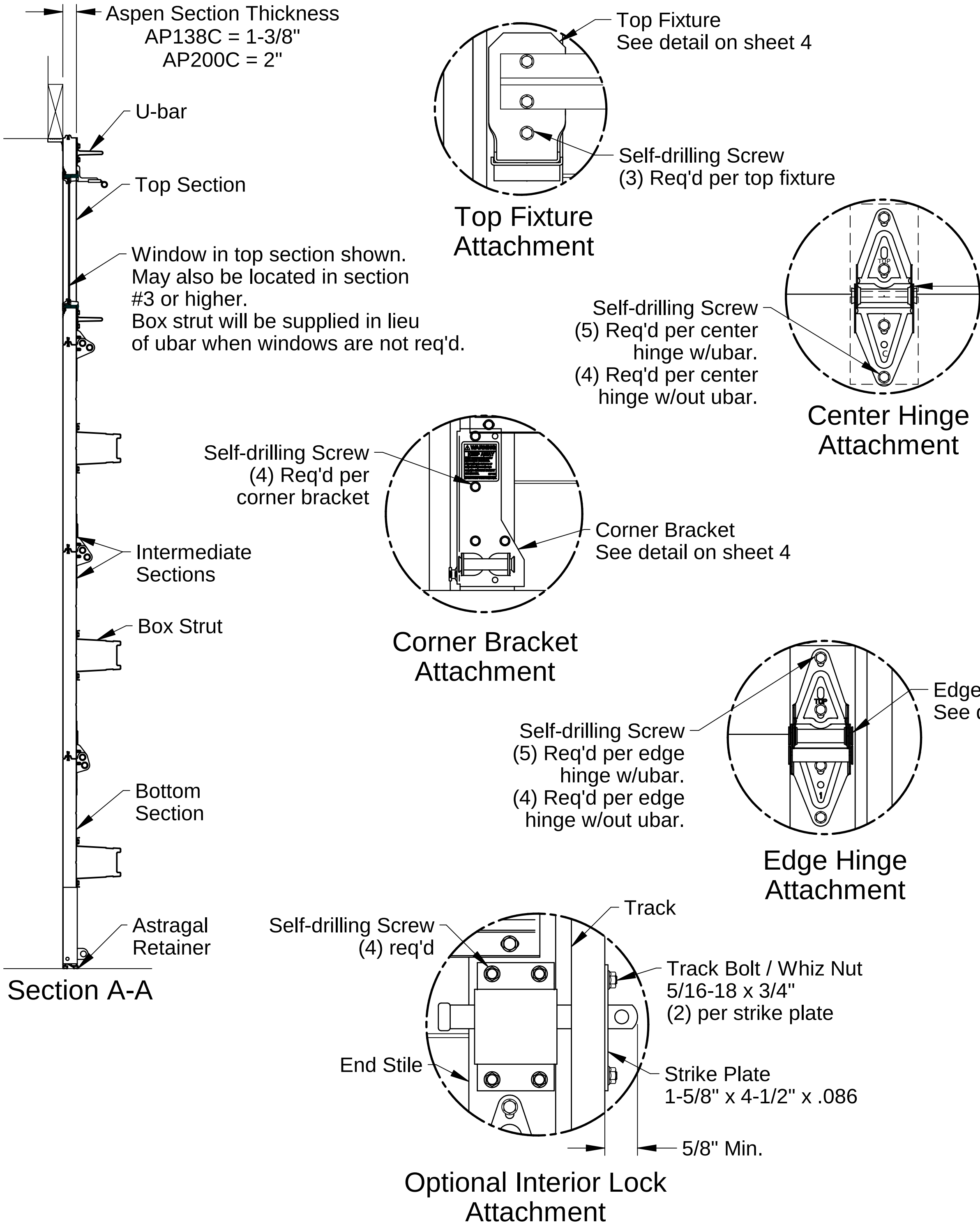




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Scott Brown
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Doors tested per ANSI/DASMA 108 for static air pressure

AP138C / AP200C / MAP200C									
Max. Door Width	Colonial		Ranch		Carriage House				
	Ctr.	Design Loads	Ctr.	Design Loads	Ctr.	Design Loads			
	Hngs.	24" Max	Hngs.	24" Max	Hngs.	24" Max			
	per	Section	per	Section	per	Section			
	Sect.	Height	Sect.	Height	Sect.	Height			
8'-2"	1	57.5	-64.9	1	57.5	-64.9	1	57.5	-64.9
9'-2"	1	51.1	-57.7	1	51.1	-57.7	1	51.1	-57.7
10'-2"	2	49.8	-56.3	1	41.4	-46.7	1	41.4	-46.7
12'-2"	2	41.5	-46.9	2	41.5	-46.9	2	35.2	-39.2
14'-2"	4	30.5	-34.5	2	30.5	-34.5	2	30.2	-33.6
16'-2"	3	26.4	-32.6	3	26.4	-32.6	3	26.4	-32.6
18'-2"	3	20.9	-25.8	3	20.9	-25.8	3	20.9	-25.8
20'-2"	5	17.7	-19.7	4	17.7	-19.7	3	17.7	-19.7

Rev.	Description	ECO	Date	ECO: 8399.01
B	Added MAP200C, updated P.E. information	8997.01	12/08/23	
A	Preliminary release.	8399.01	07/16/21	

Scale: None
Drawn by: J. Lahman
Checked by: R. Frey
Date: 07/19/21
ECO: 8399.01



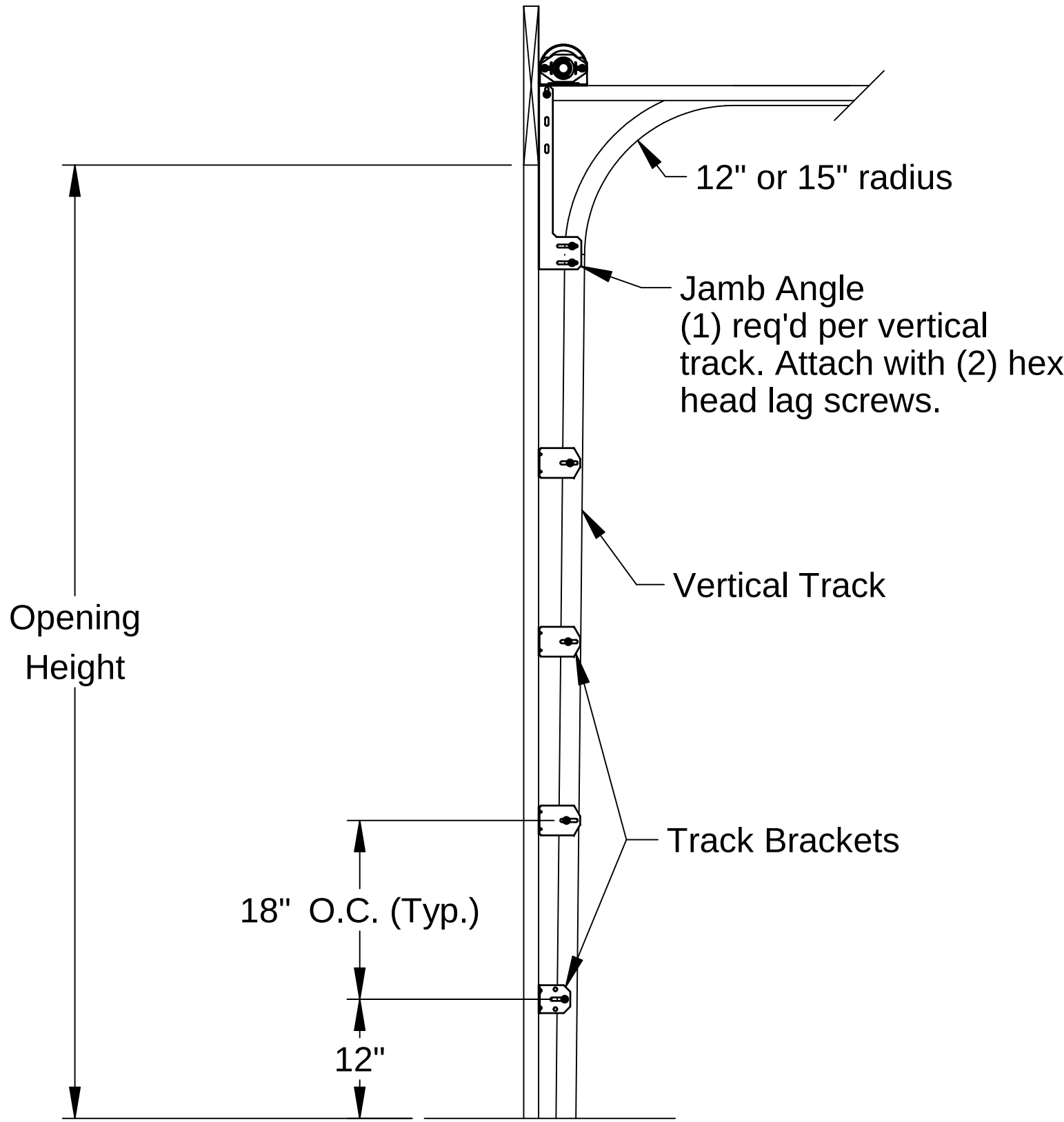
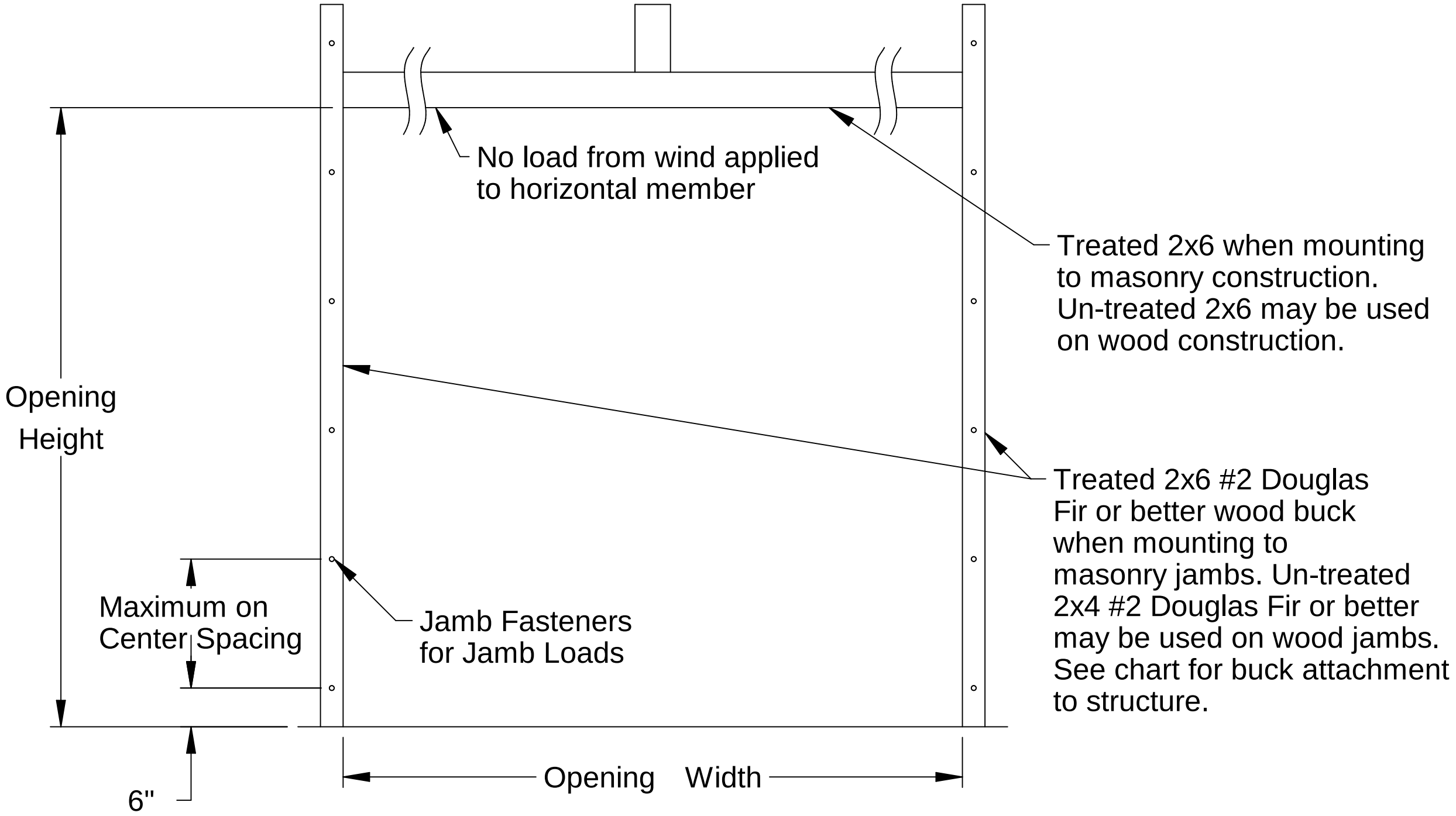
Title: Spec, Wind Load Commercial Aspen			
No. P-2444	Sheet 1 of 4	Rev B	

FL#21471

Jamb Attachment Notes:

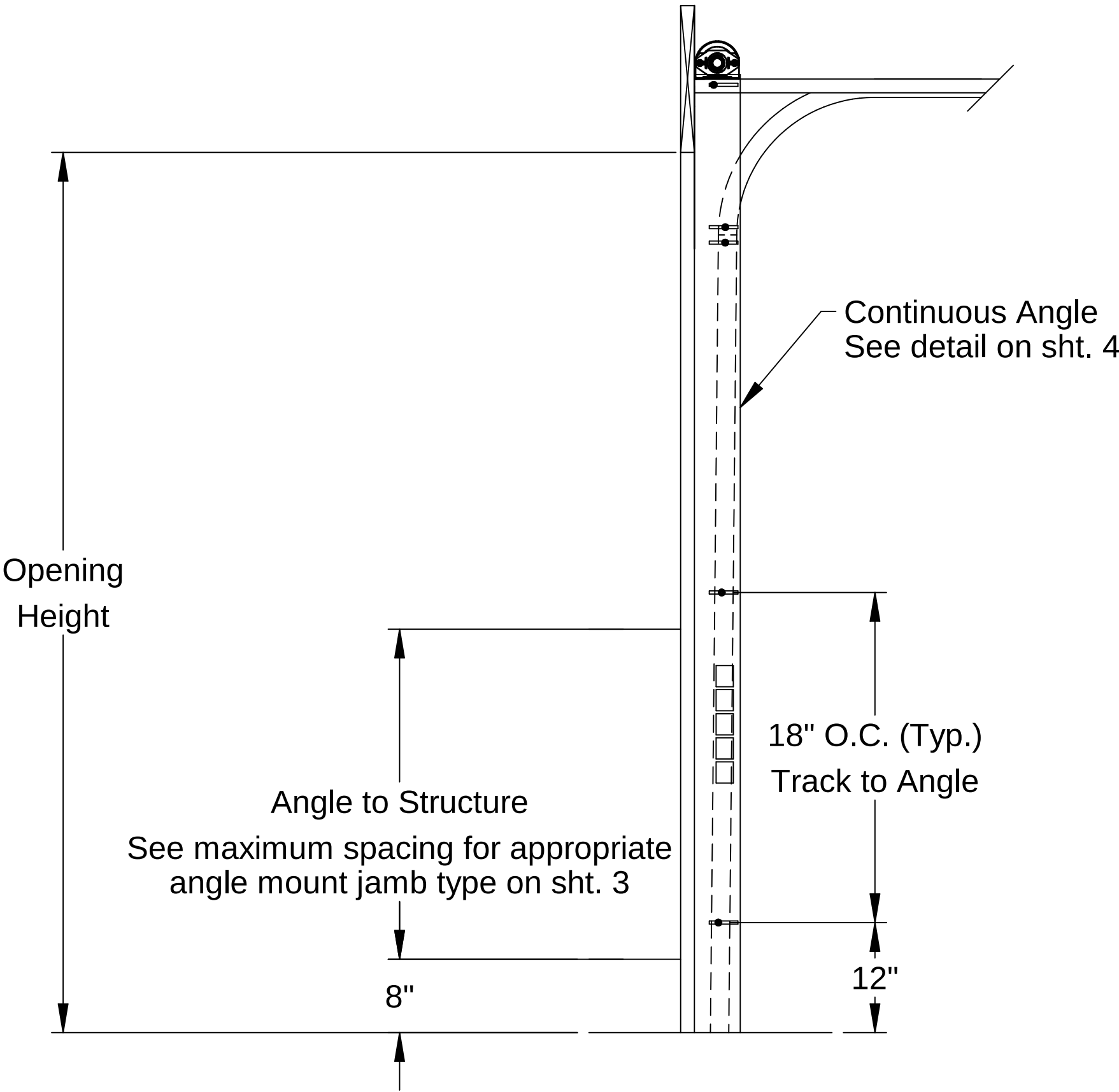
- 1. Maximum Positive Load per Jamb = (10'-0" x 49.8 PSF) / 2 = 249 lbs. per foot.
- 2. Maximum Negative Load per Jamb = (10'-0" x -56.3 PSF) / 2 = 282 lbs. per foot.
- 3. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the jamb loads 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"	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"	23"	482



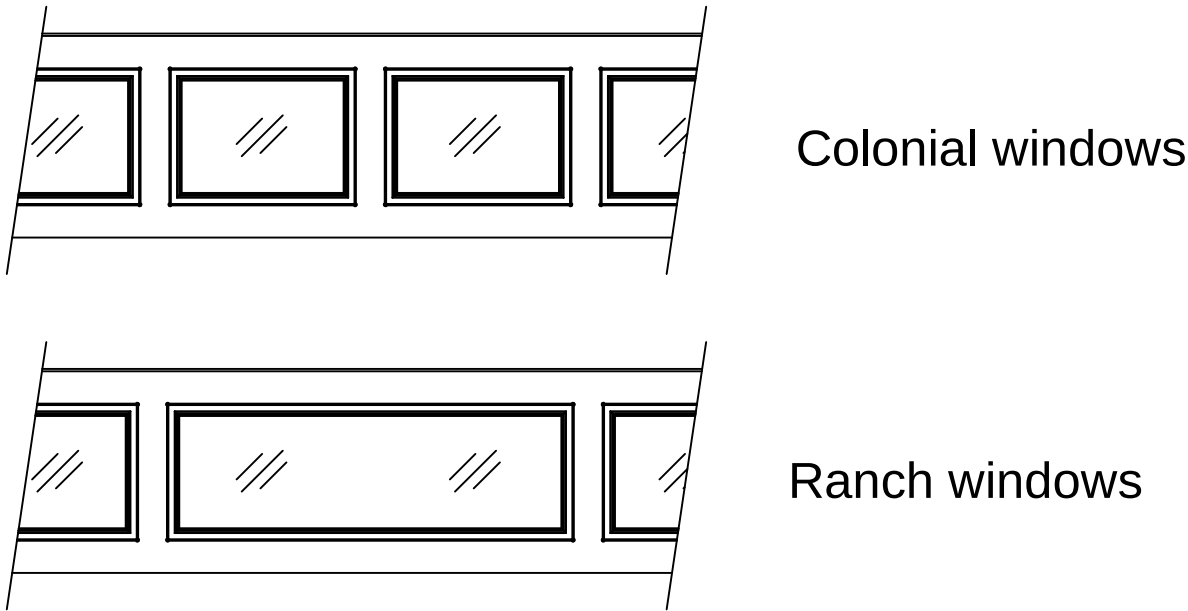
Typical Track Installation
Bracket Mount
Wood Jamb

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



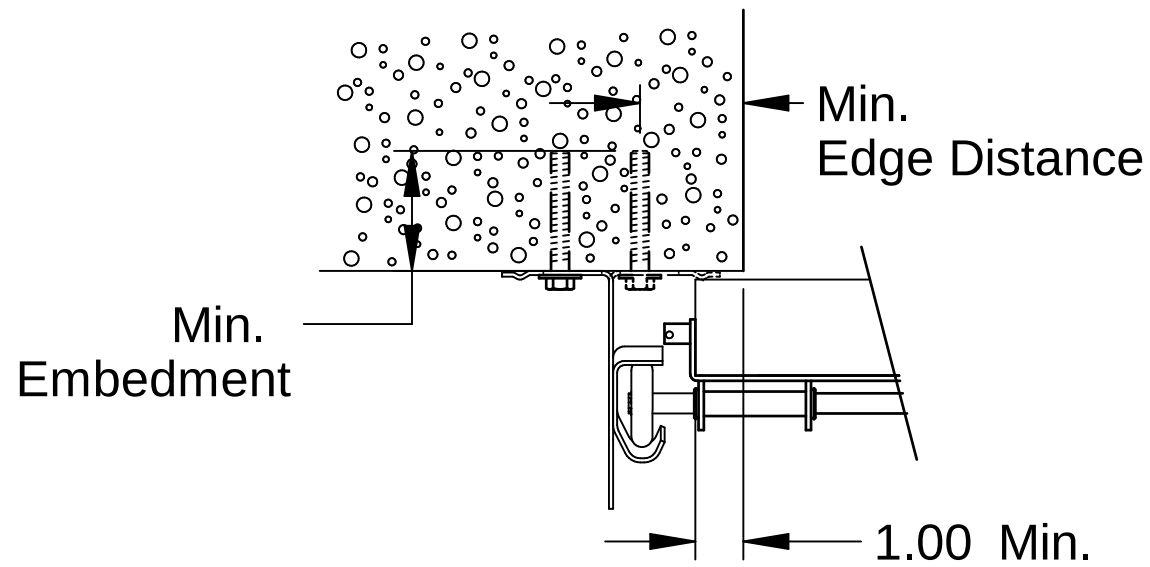
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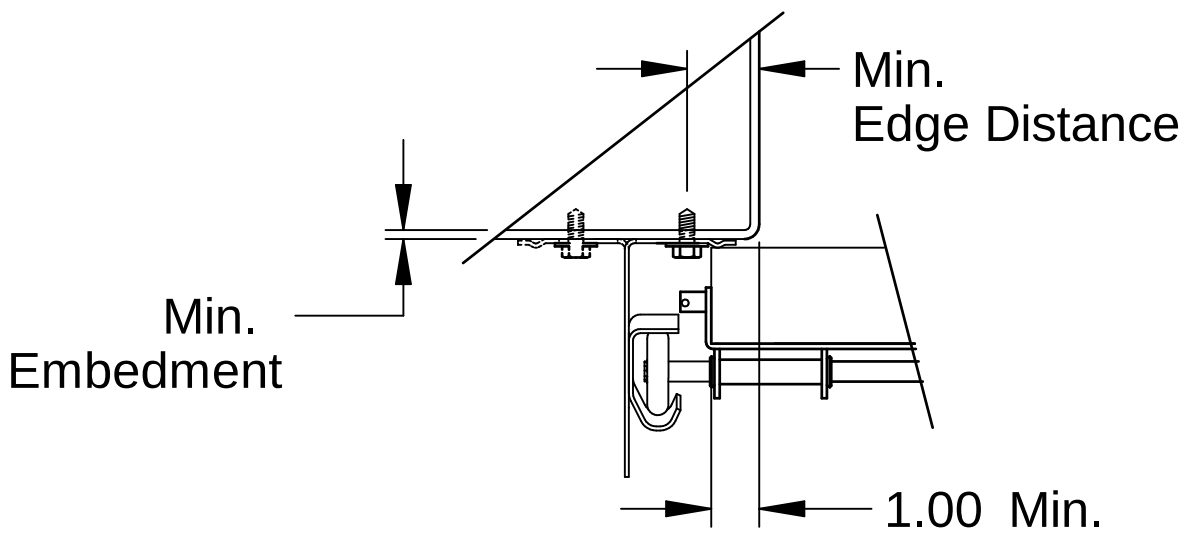
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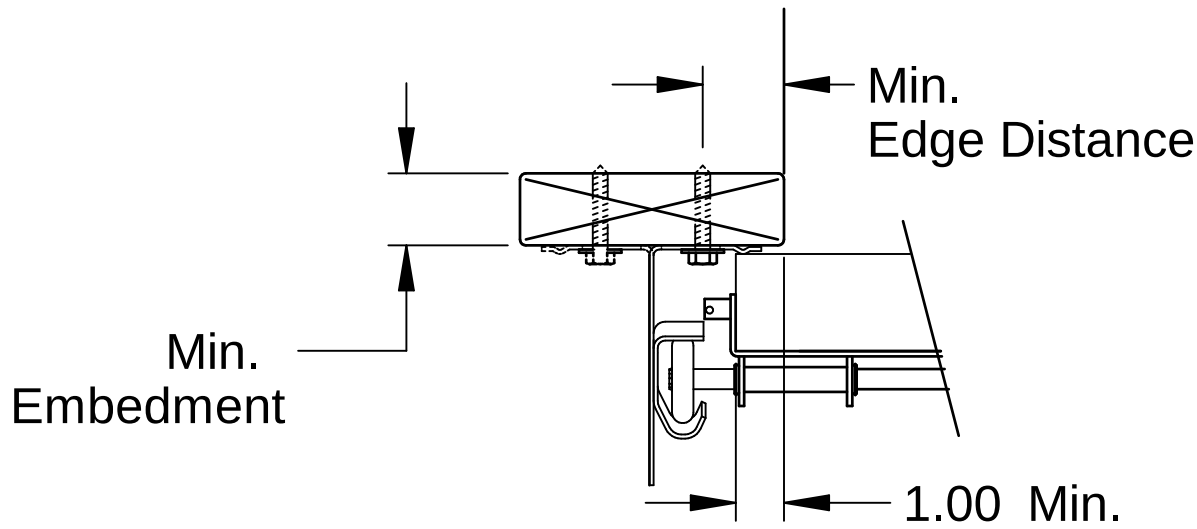
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No. P-2444	Sheet 2	Rev B		



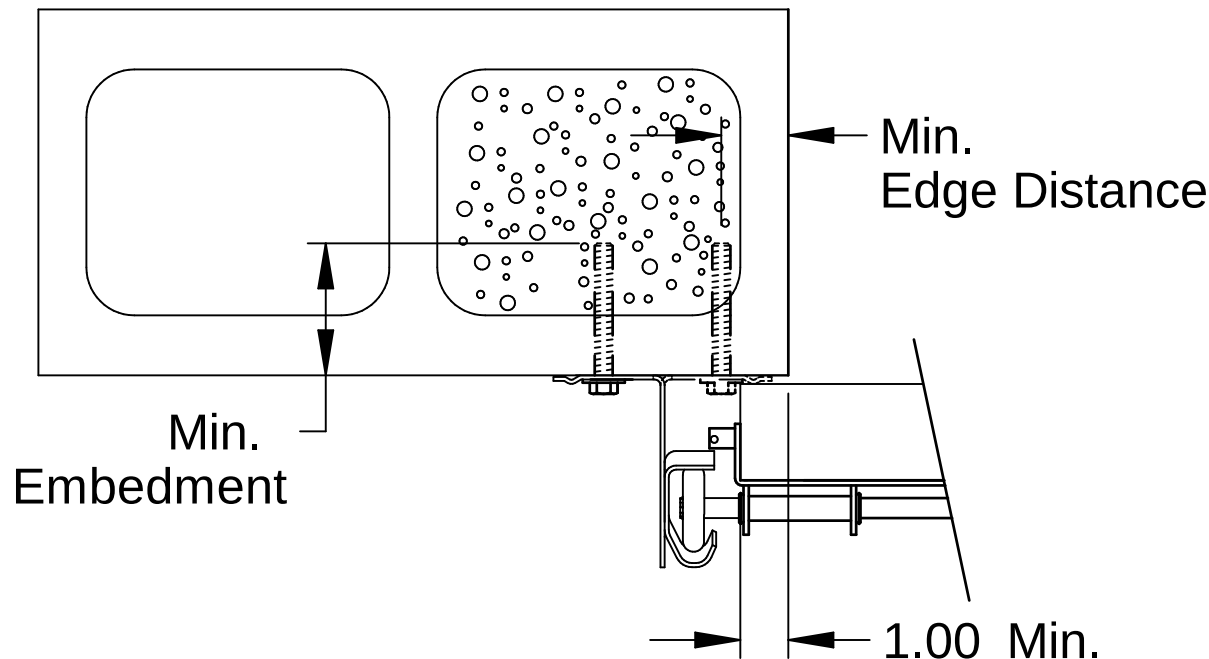
Track Assembly Attachment
to 2500 PSI Min. Concrete
2" Angle mount turned-out standard (solid)
Angle turned-in optional (dashed)
3" Angle mount available



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

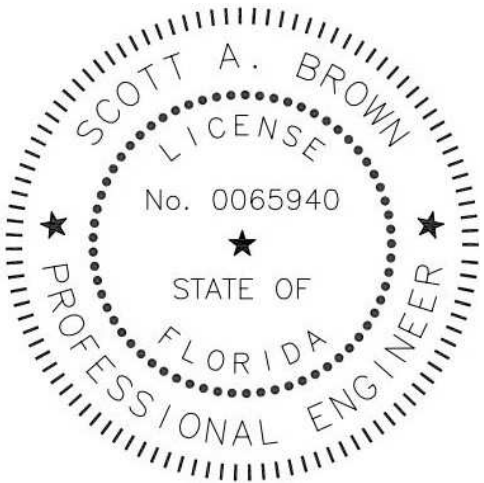


Track Assembly Attachment
to Wood Jamb
2" Angle mount turned-in standard (solid)
Angle turned-out optional (dashed)
3" Angle mount available



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

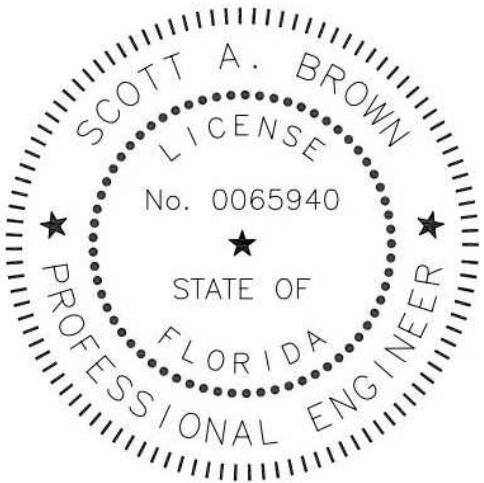
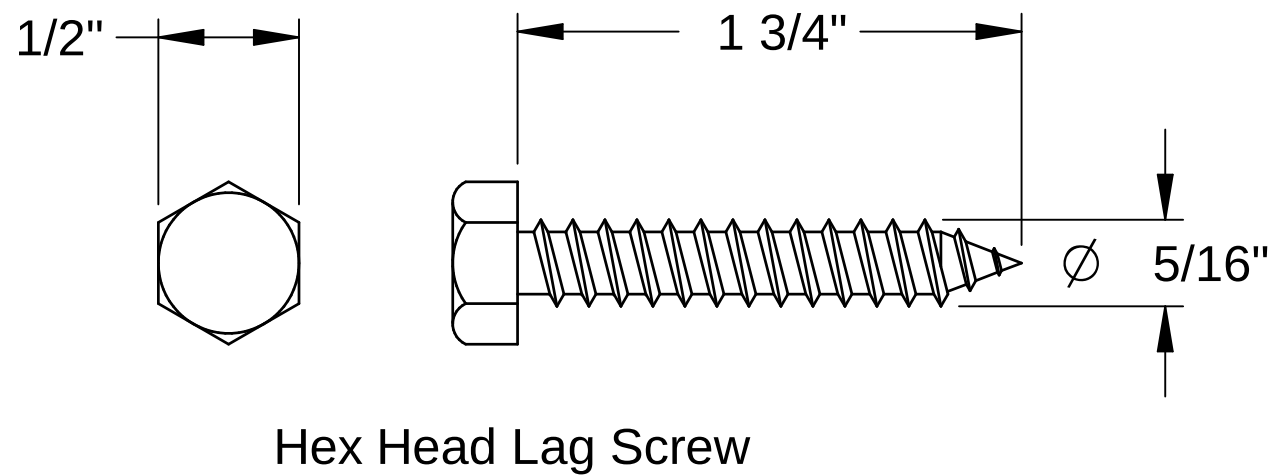
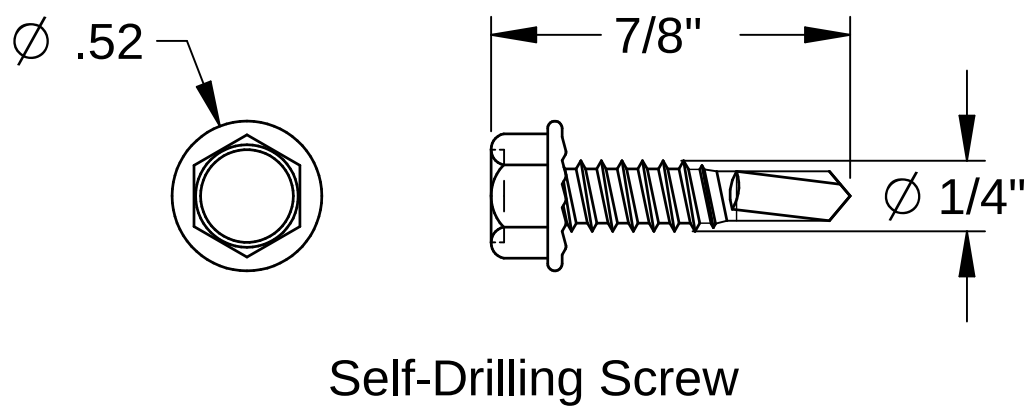
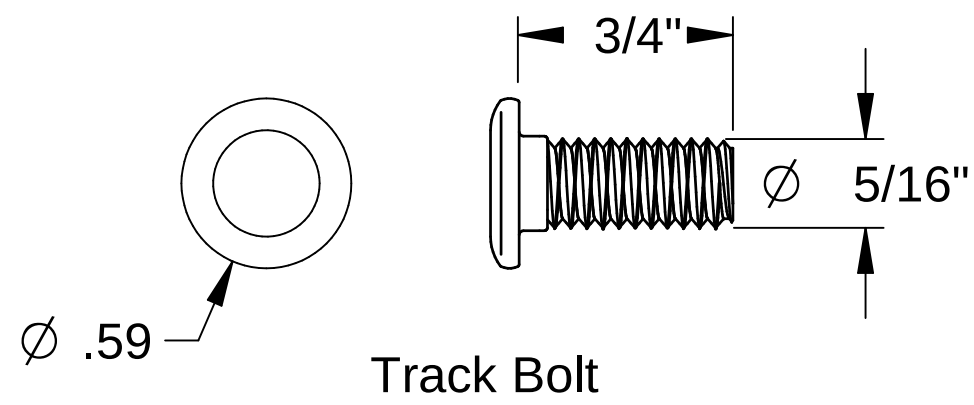
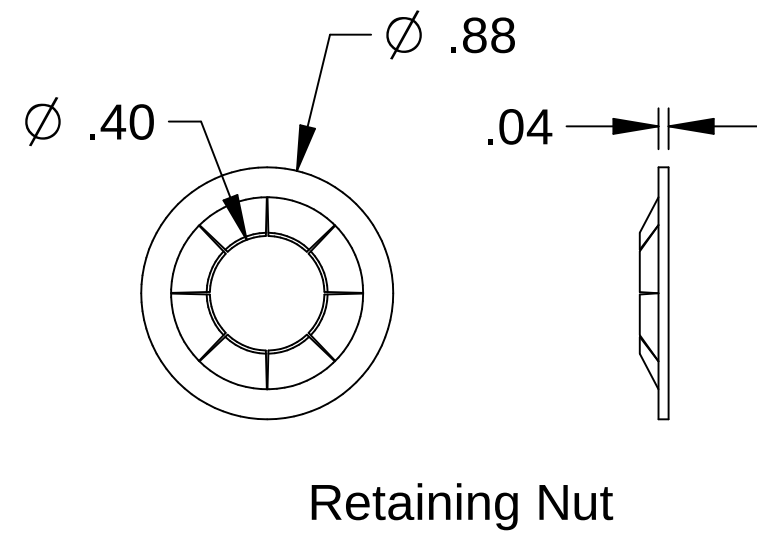
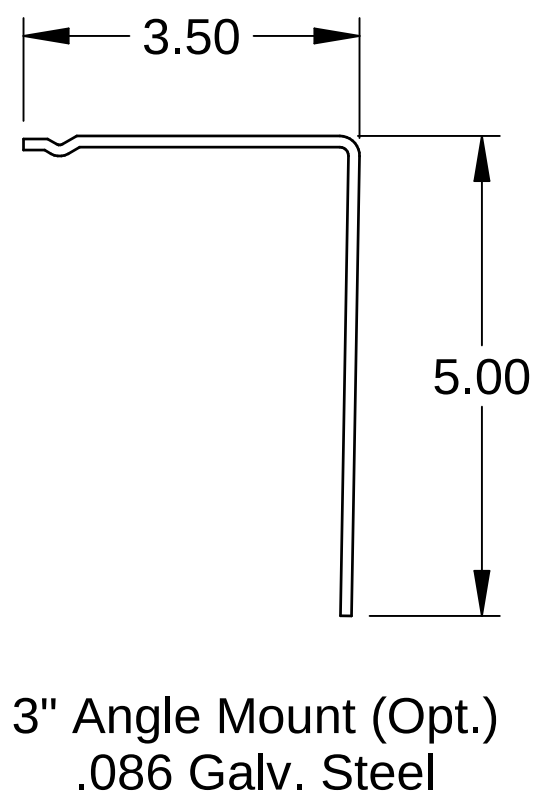
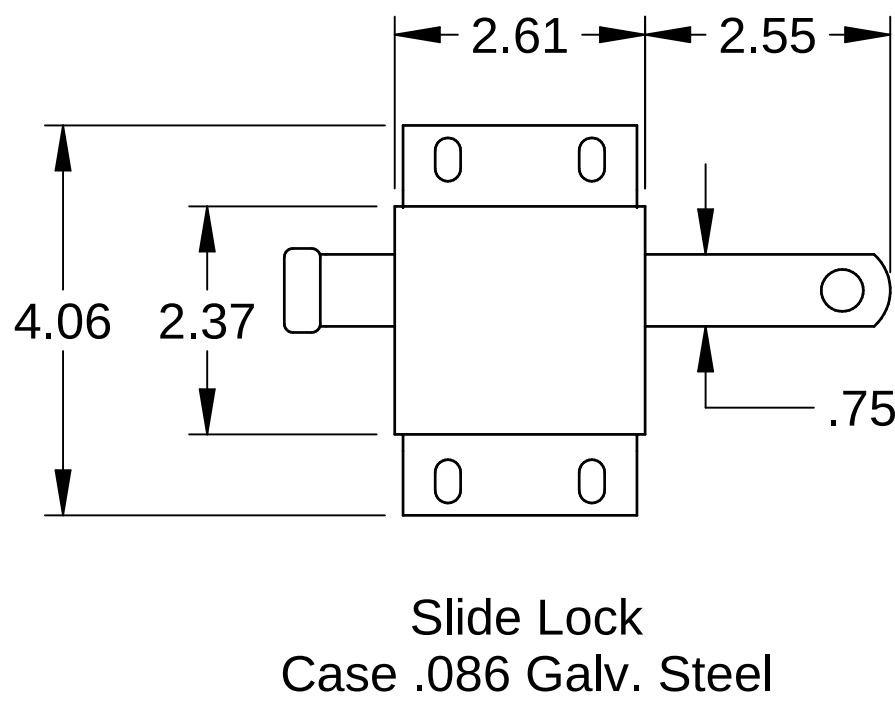
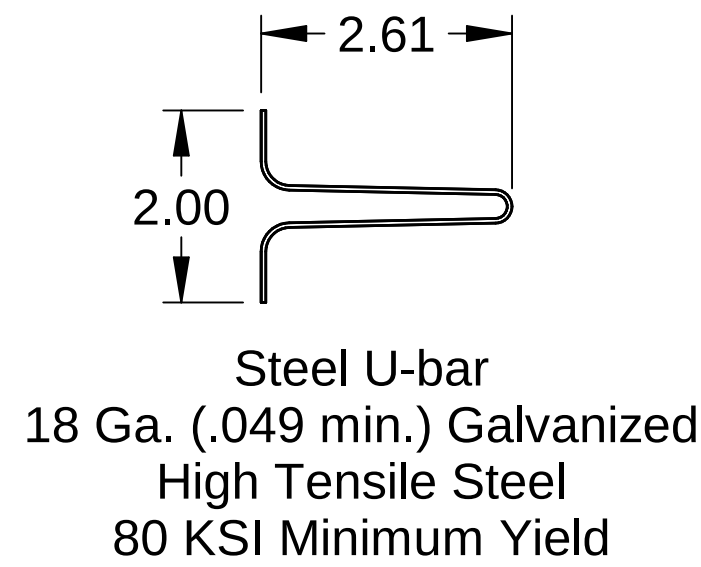
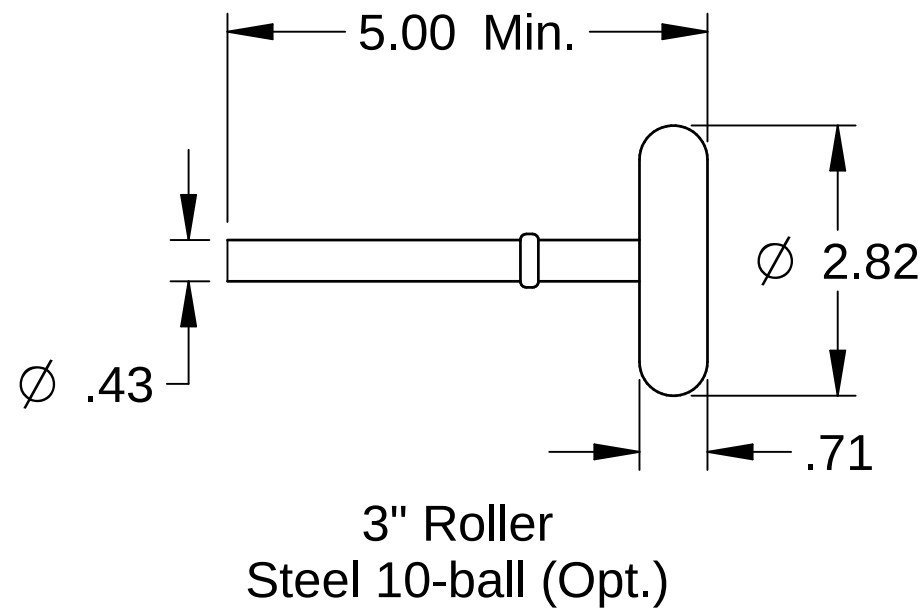
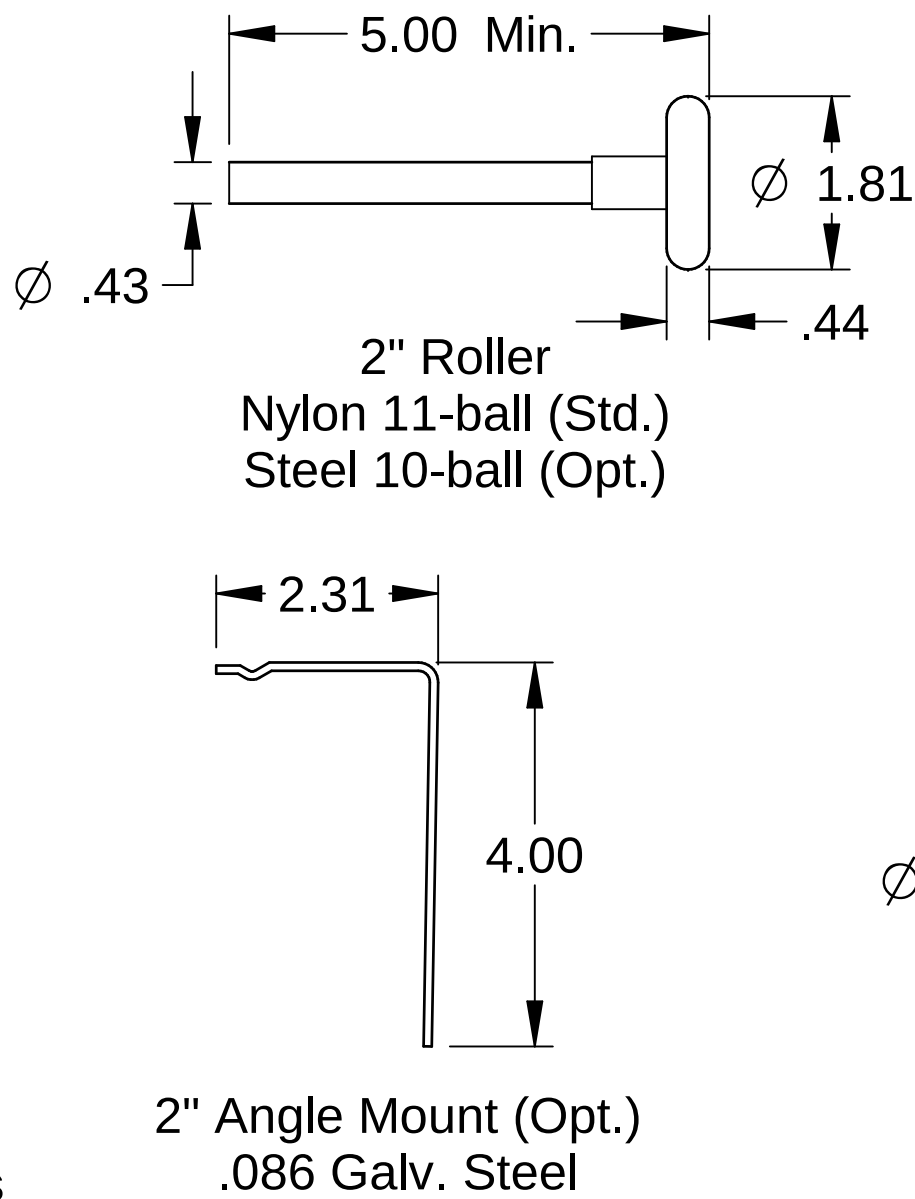
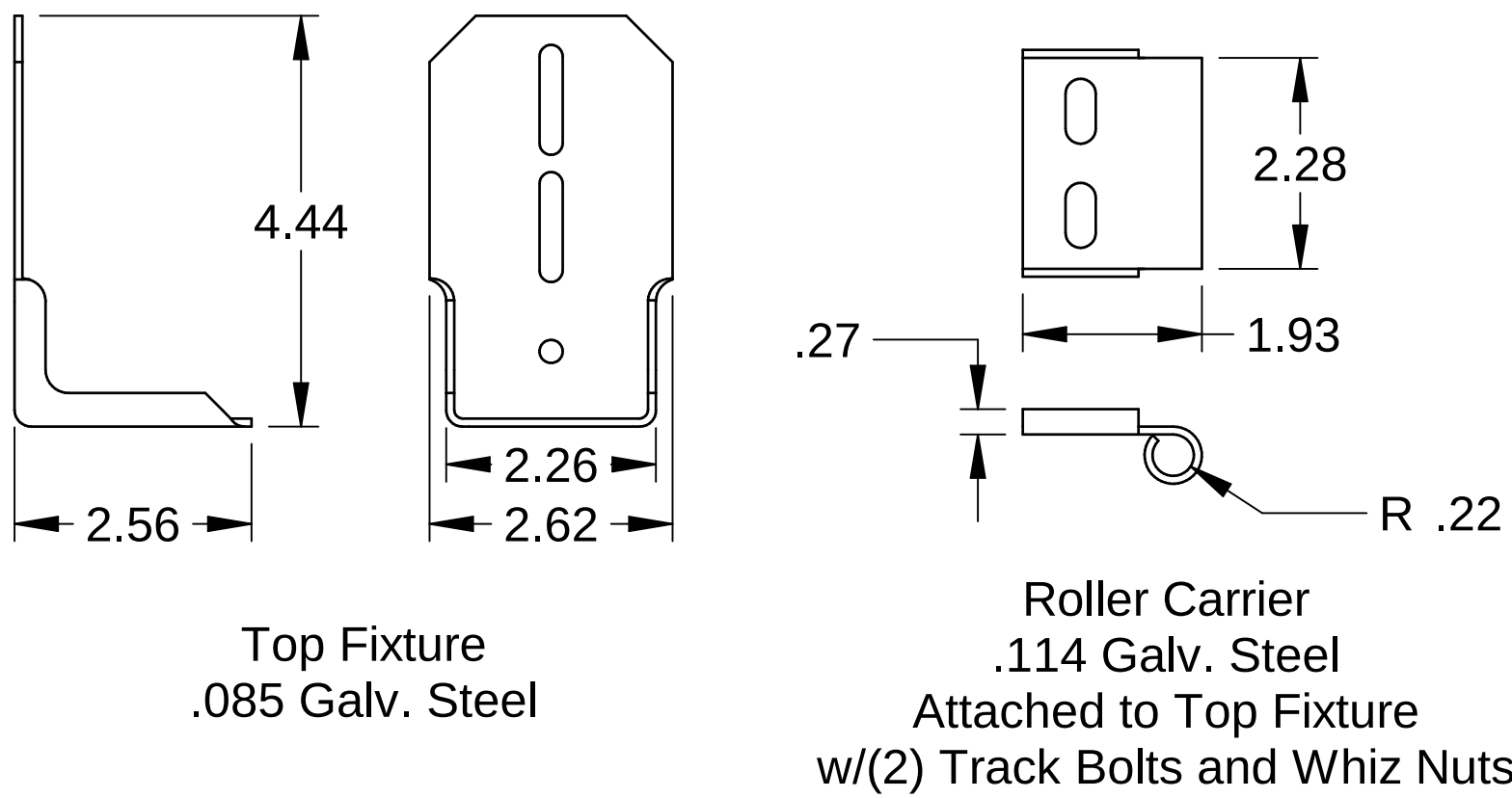
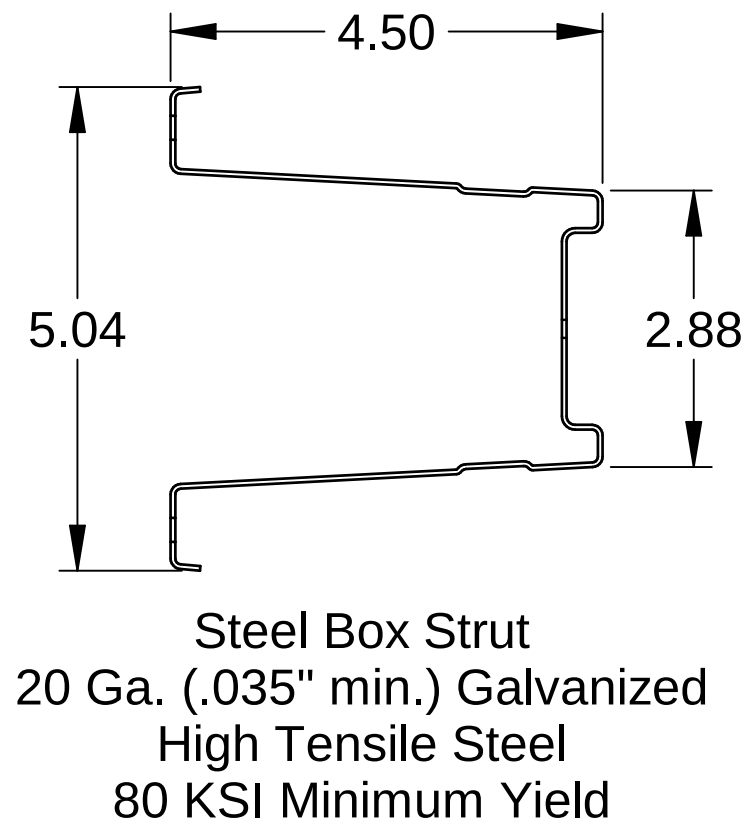
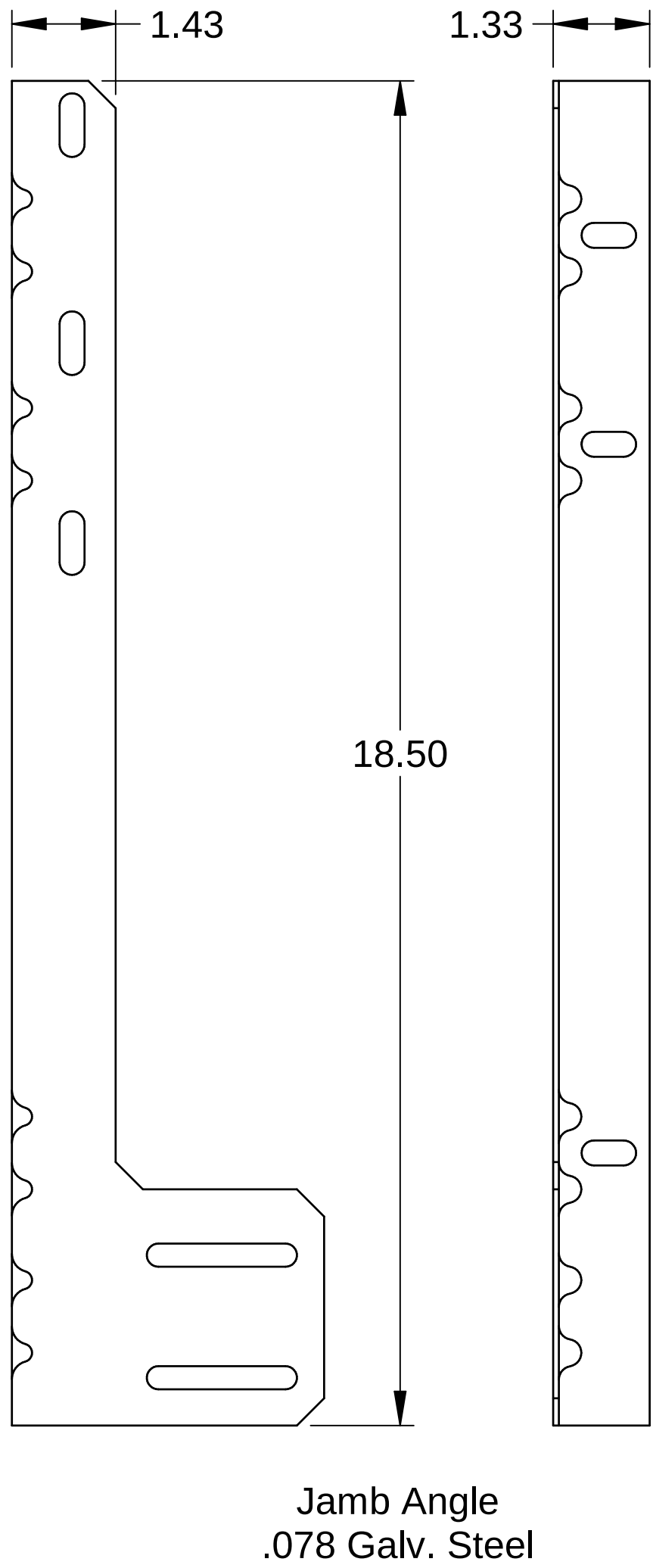
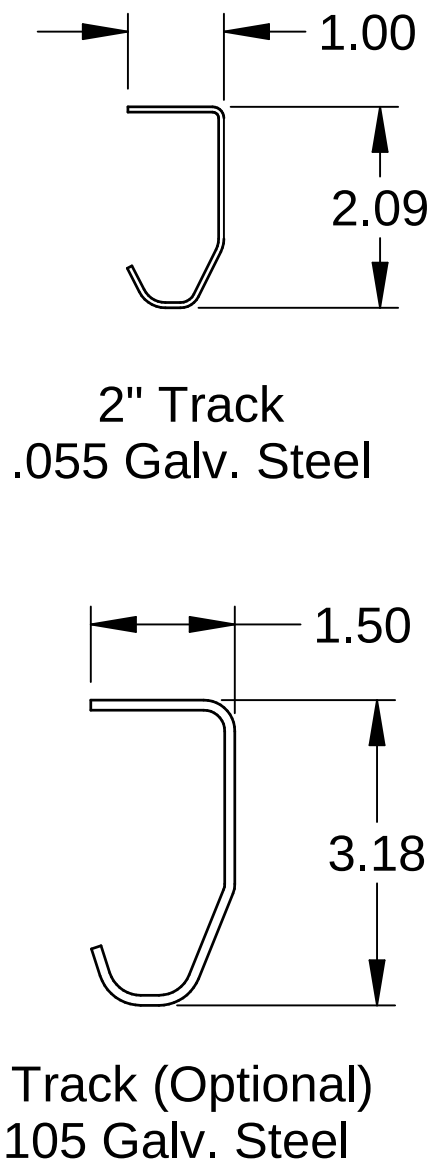
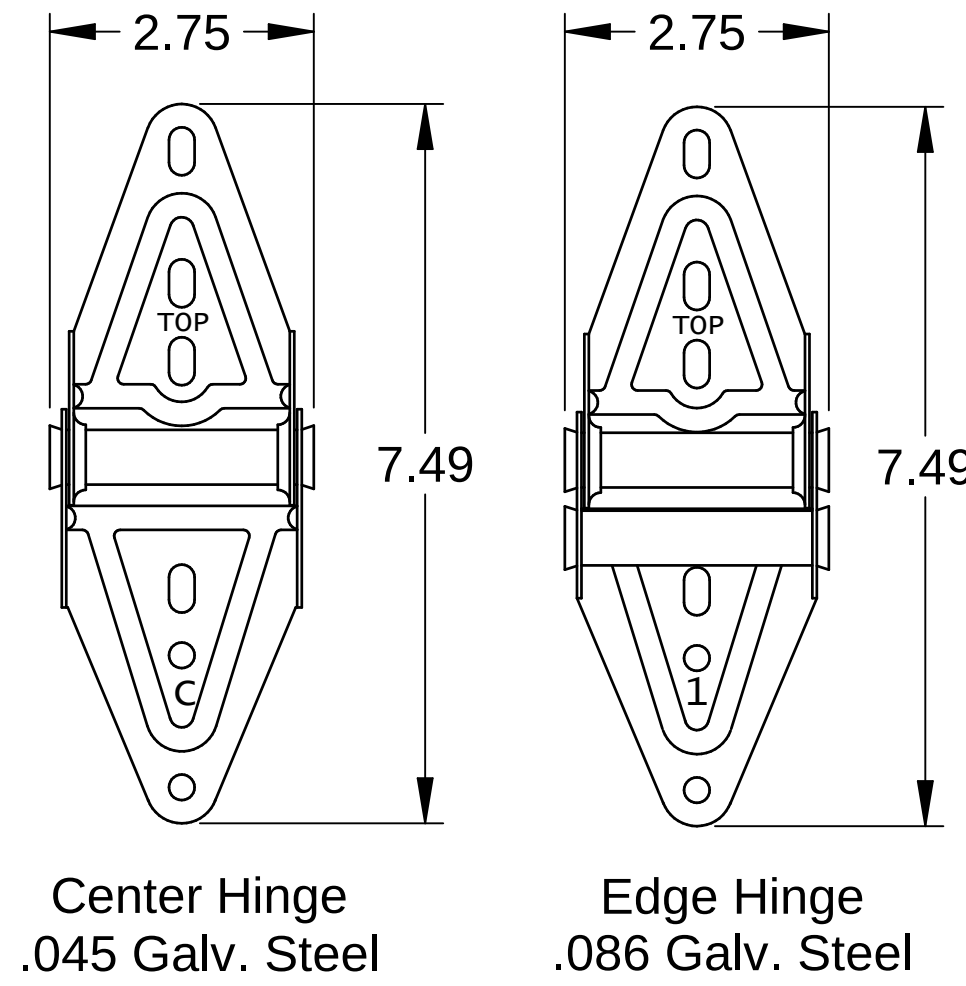
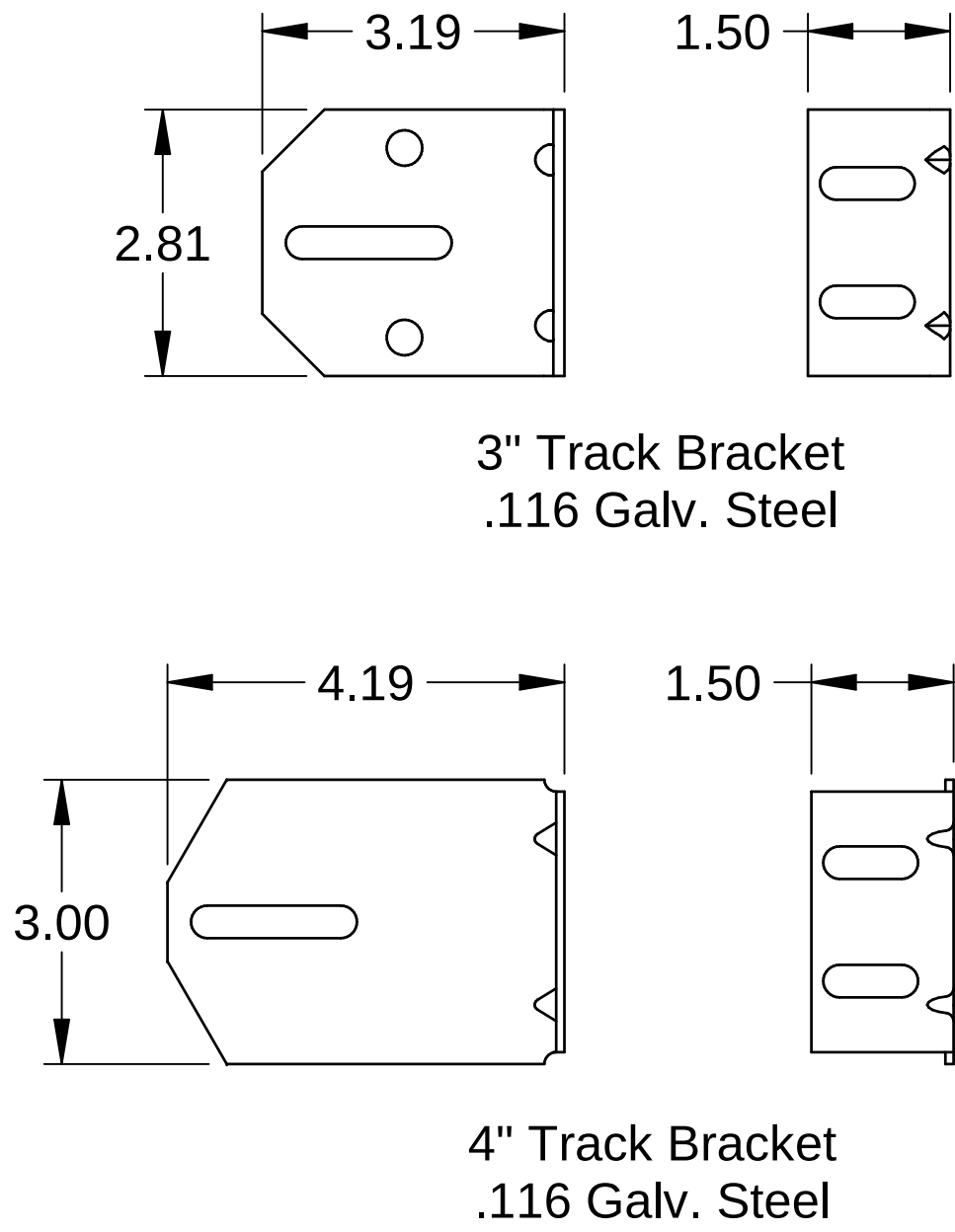
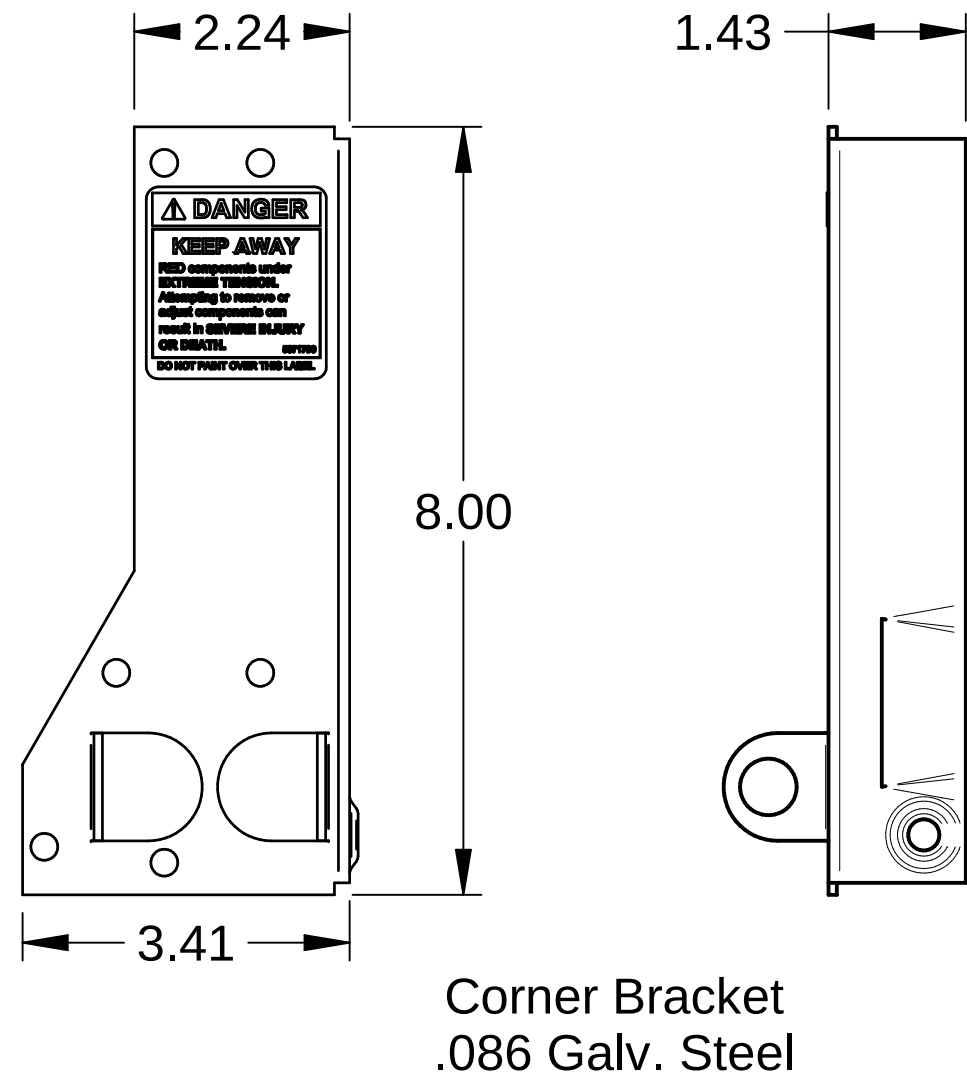


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