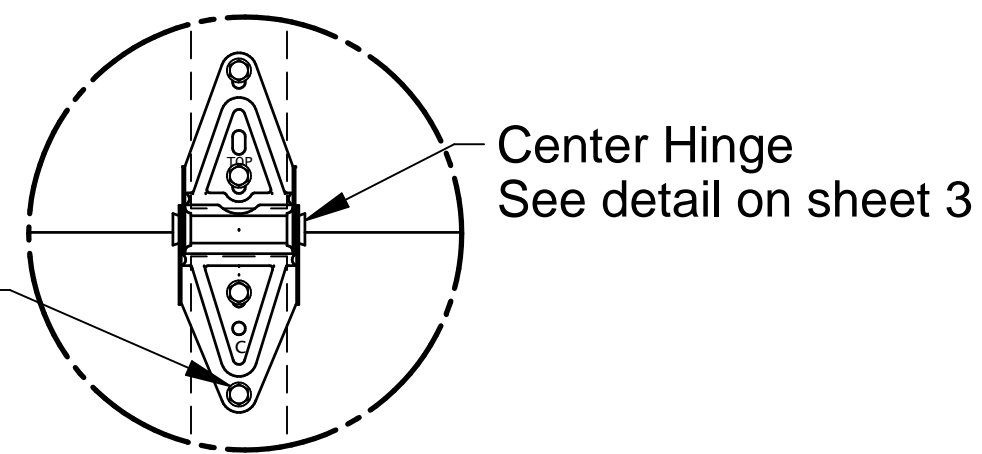
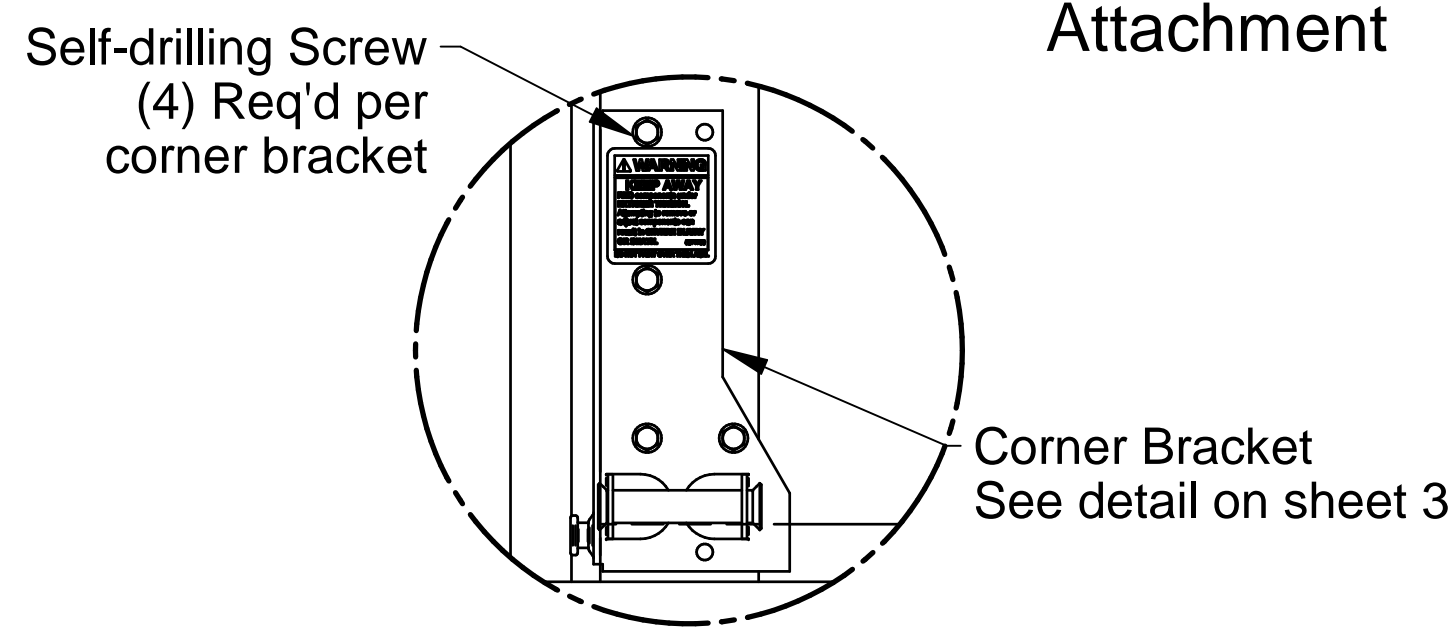


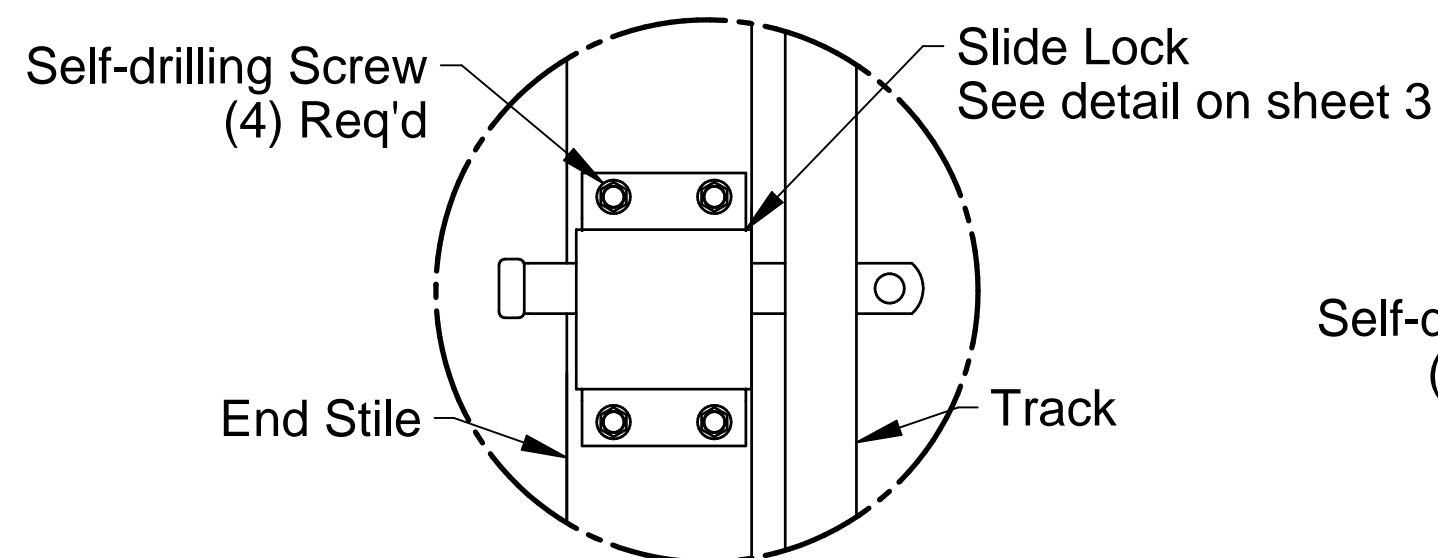
**Top Fixture Attachment**



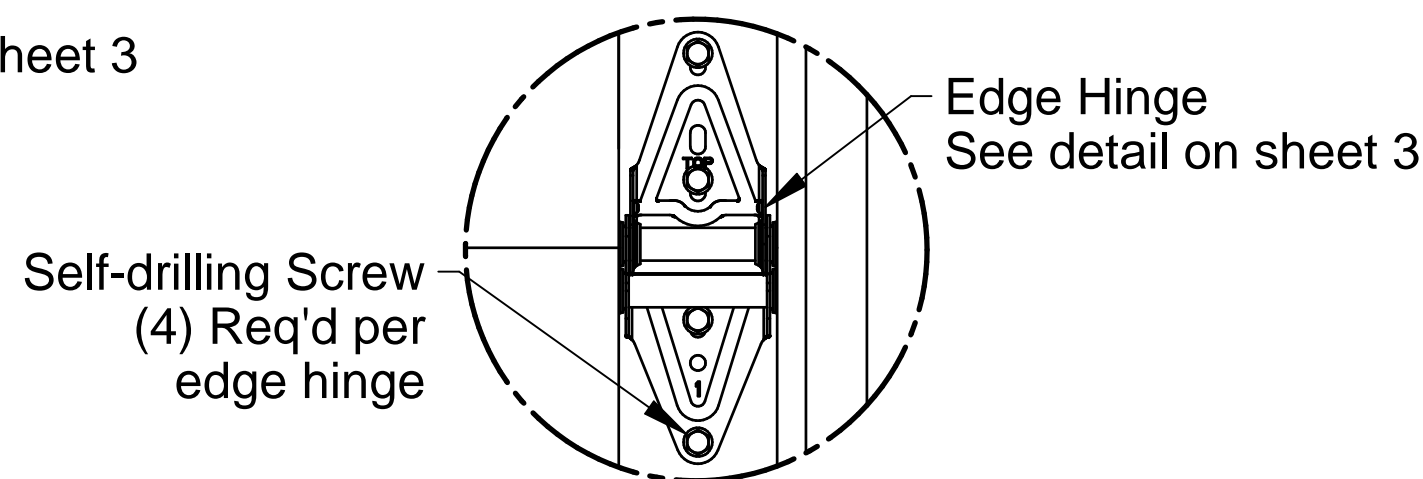
**Center Hinge Attachment**



**Corner Bracket Attachment**



**Optional Interior Lock Attachment**

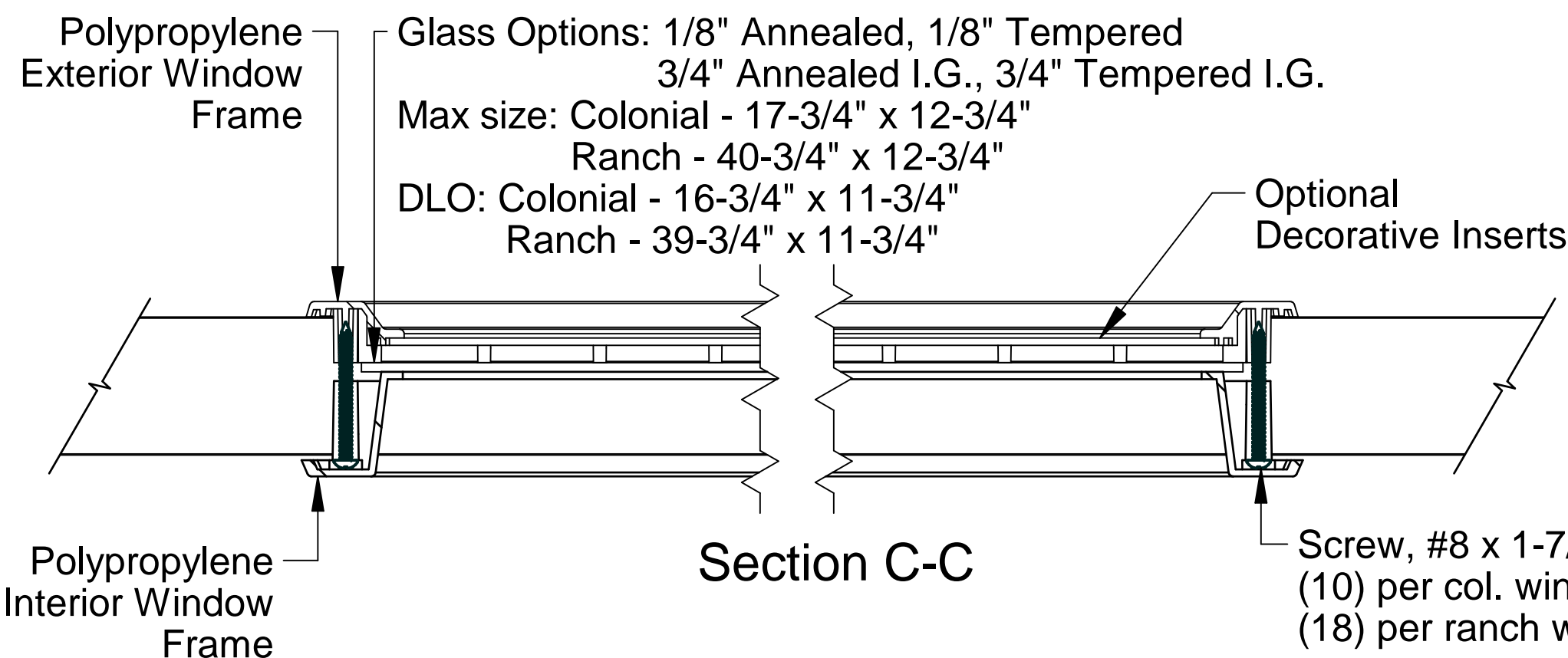


**Edge Hinge Attachment**

**Interior Skin**  
 .015 Thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with a texture embossed skin.

**Exterior Skin**  
 .015 Thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with a texture embossed skin.

Hardware Plate .035 thick



**Section C-C**

**Glass Options:** 1/8" Annealed, 1/8" Tempered  
 3/4" Annealed I.G., 3/4" Tempered I.G.

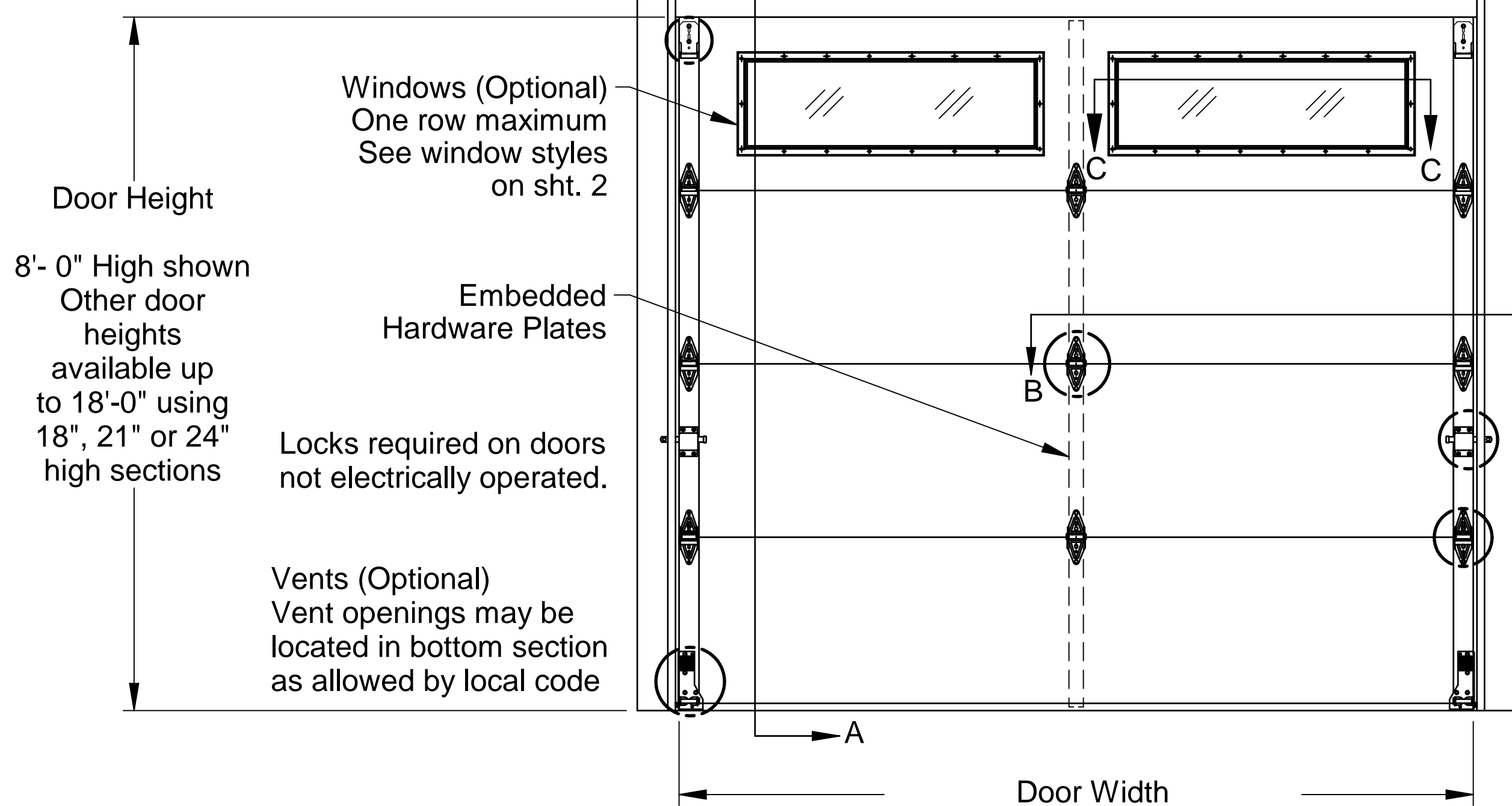
**Max size:** Colonial - 17-3/4" x 12-3/4"  
 Ranch - 40-3/4" x 12-3/4"  
 DLO: Colonial - 16-3/4" x 11-3/4"  
 Ranch - 39-3/4" x 11-3/4"

**Section B-B**

**Insulation Core**  
 Expanded Polystyrene

- Jambs See sht. 2 for attachment
- Hex Head Lag Screw (2) per bracket. See detail on sht. 3
- Track Bracket See detail on sht. 3
- Track Bolt / Nut See detail on sht. 3
- End stile 19 Ga. Galv. Steel
- Track Roller See detail on sht. 3
- Track, 2" shown, 3" optional See detail on sht. 3

Spring Counterbalance  
 Spring wire individually calculated to counterbalance door. Quantity and size of spring will vary based on door size.



**Interior Elevation**  
 See chart for other door widths (9'-2" Ranch shown)



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Doors tested per ANSI/DASMA 108 for static air pressure

Commercial Encore									
Max. Door Width	Colonial		Ranch			Carriage House			
	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads	Design Loads	Ctr. Hngs. per Sect.	Design Loads	Design Loads	
8'-2"	1	12.2 -13.7	1	12.2 -13.7	1	12.2 -13.7	1	12.2 -13.7	
9'-2"	1	10.8 -12.2	1	10.8 -12.2	1	10.8 -12.2	1	10.8 -12.2	

Rev.	Description	ECO	Date
A	New release for production.	8593.01	05/24/22

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 05/24/22
ECO: 8593.01

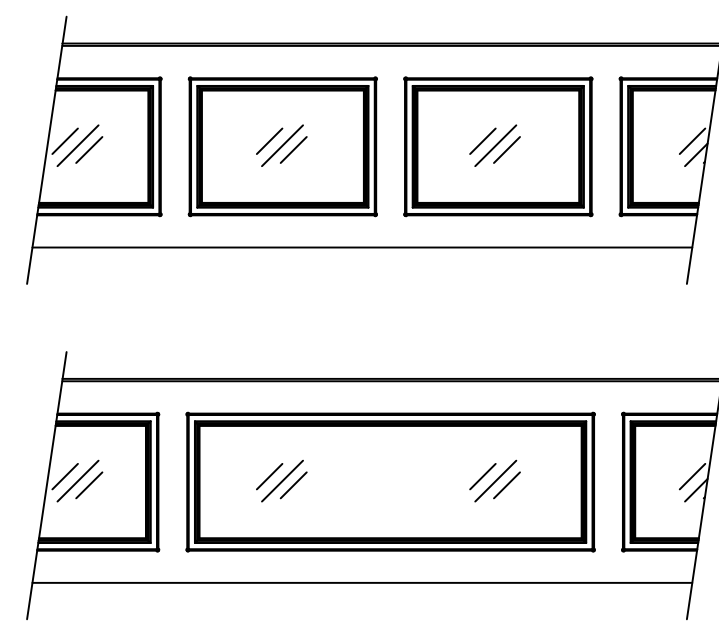


Title: Spec, Wind Load Commercial Encore	
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**Jamb Attachment Notes:**

1. Maximum Positive Load per Jamb =  $(9'-0" \times 10.8 \text{ PSF}) / 2 = 49 \text{ lbs. per foot.}$
2. Maximum Negative Load per Jamb =  $(9'-0" \times -12.2 \text{ PSF}) / 2 = 55 \text{ lbs. per foot.}$
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.

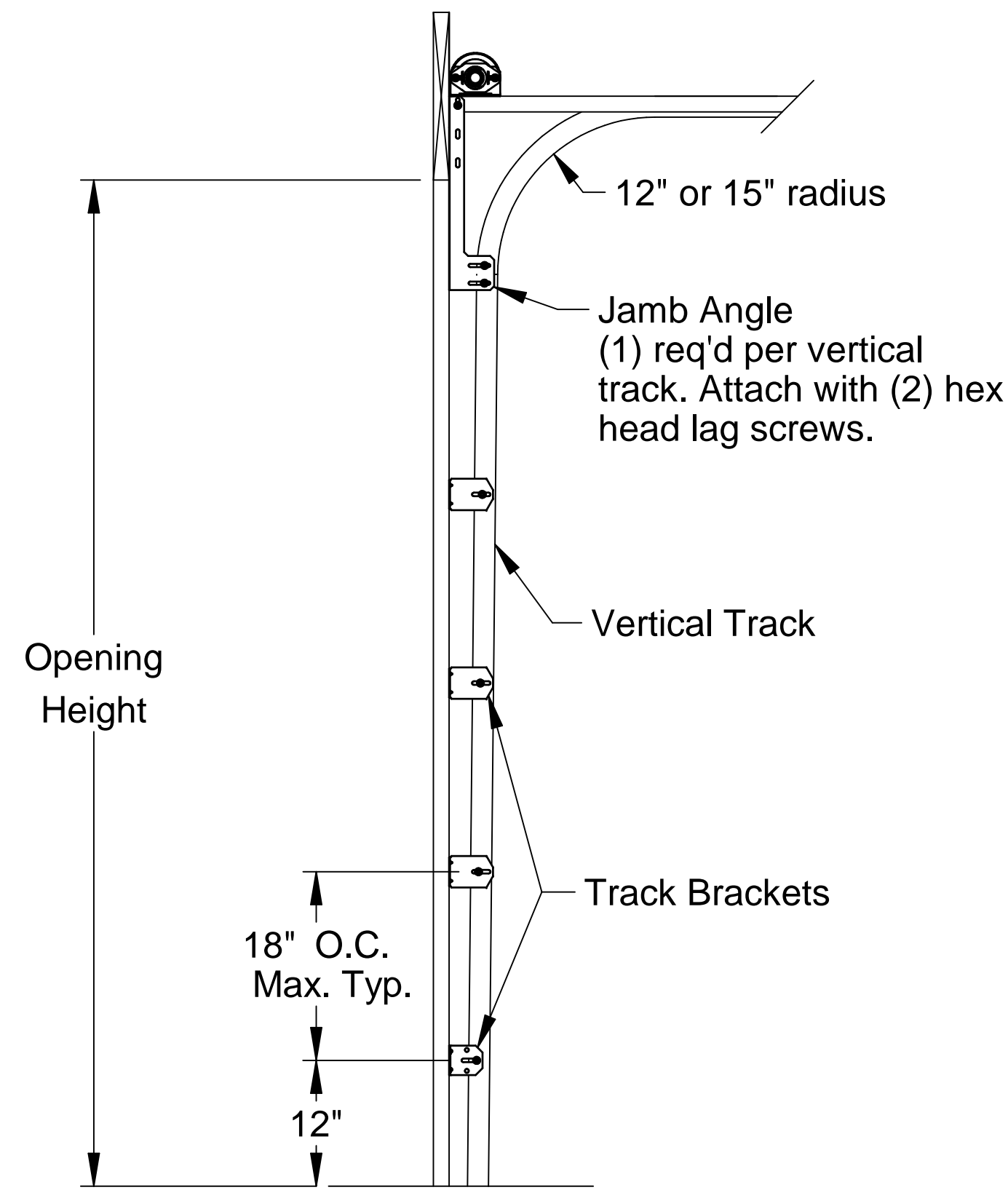
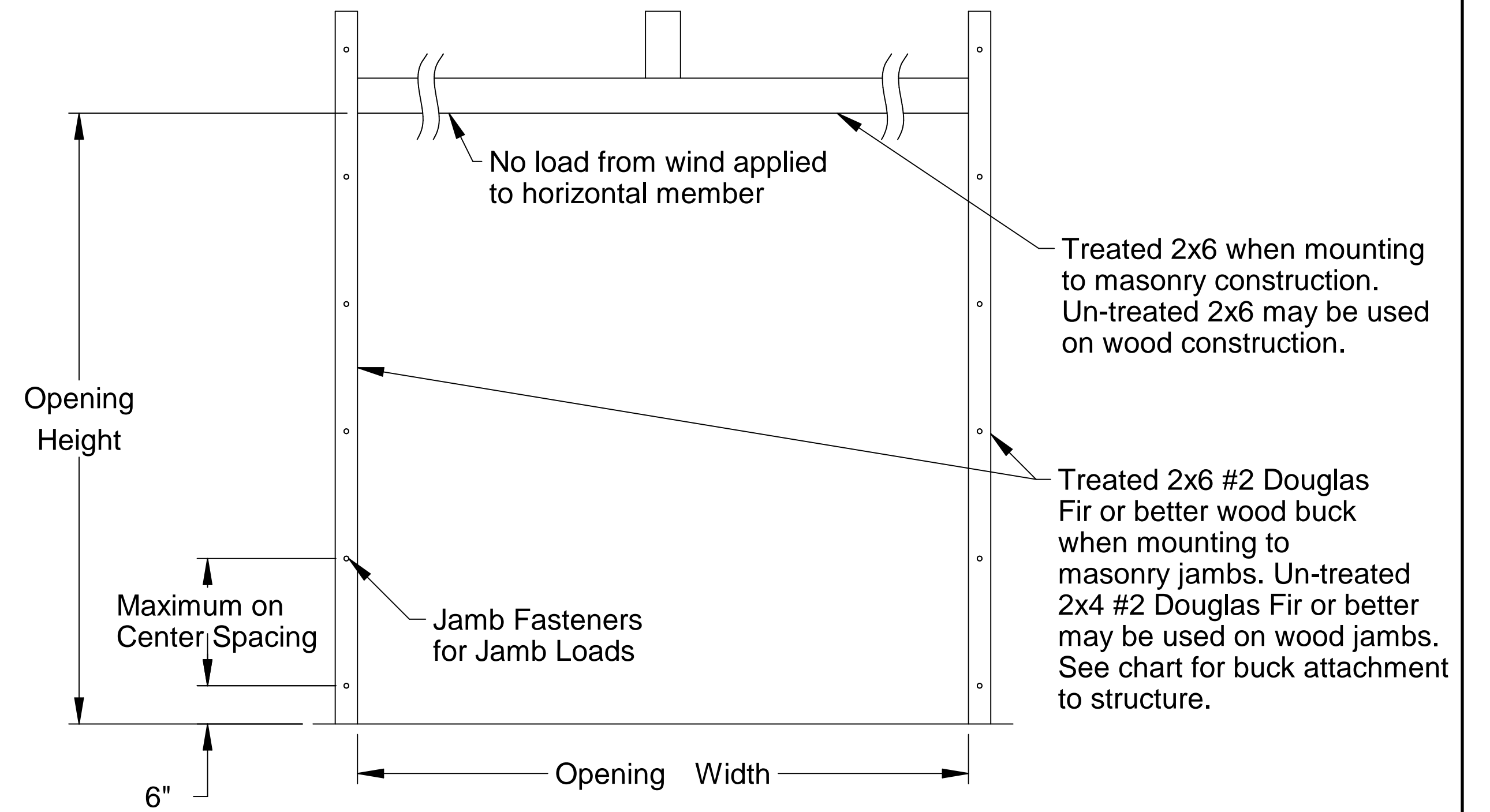
2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	6"	24"	526
Southern Pine	3/8" x 3" Lag with 1-1/8"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



Window Styles

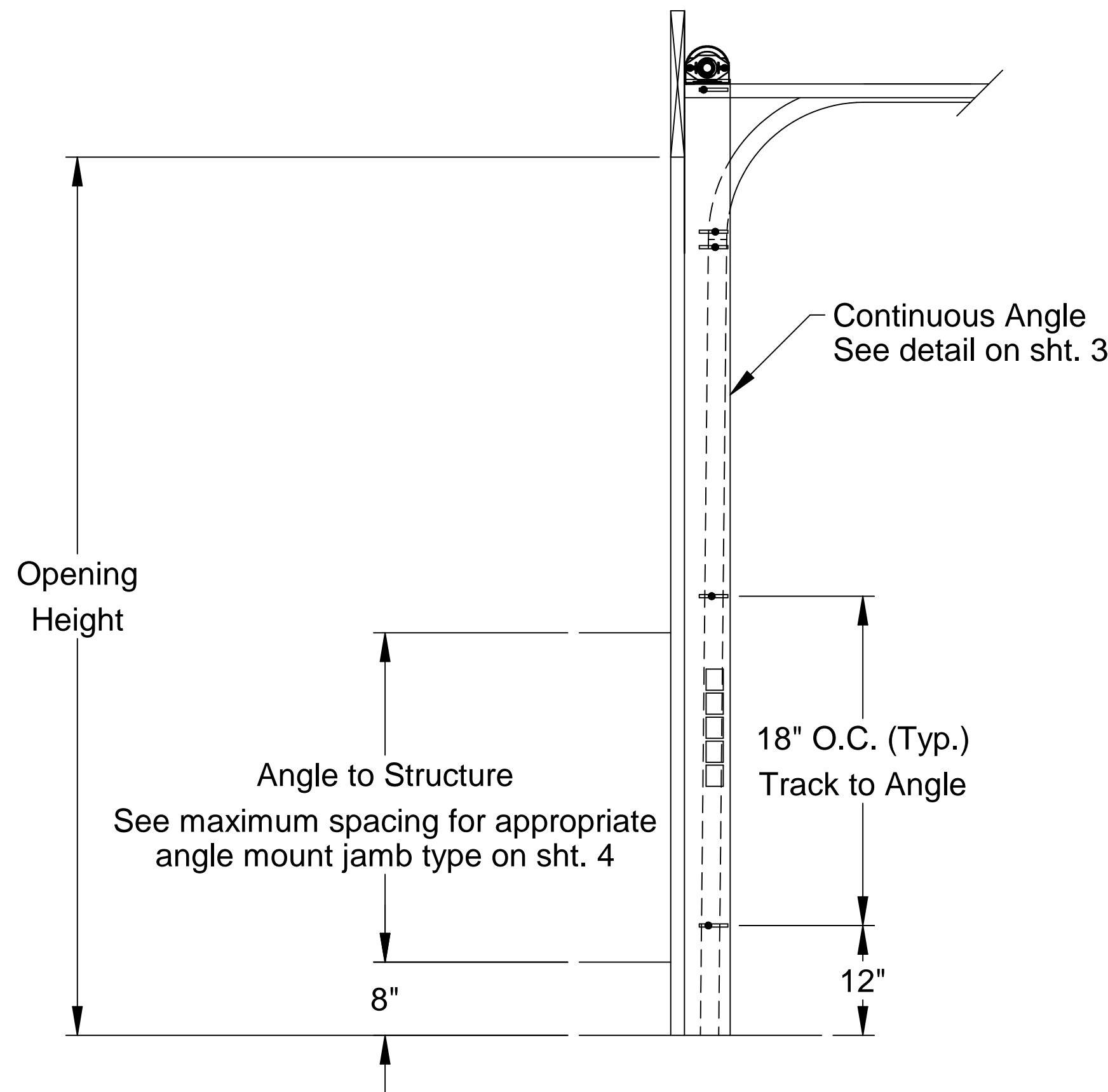
Colonial windows

Ranch windows



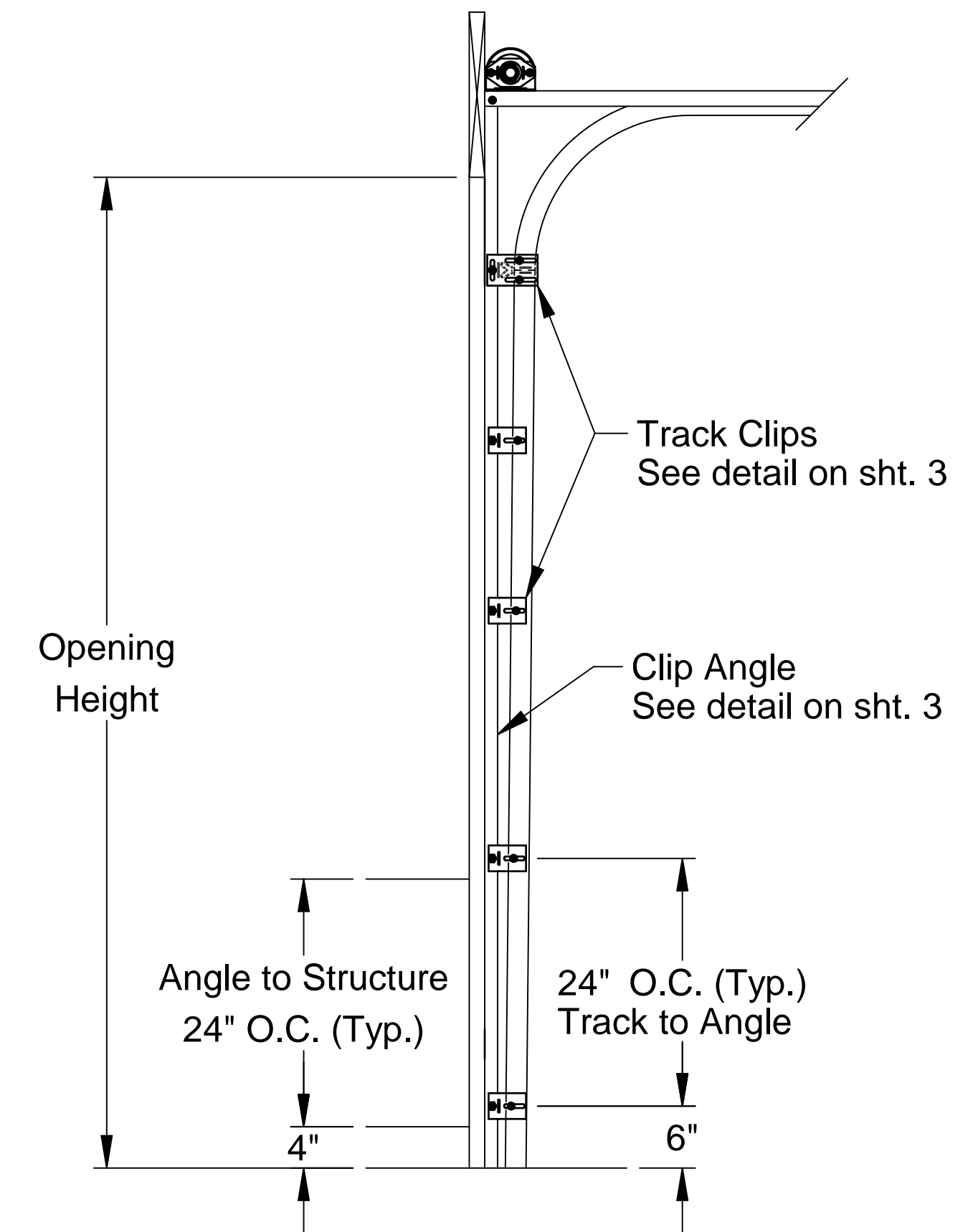
Typical Track Installation  
Bracket Mount  
Wood Jambs

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



Typical Track Installation  
Angle Mount  
Wood, Steel or Concrete Jambs

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



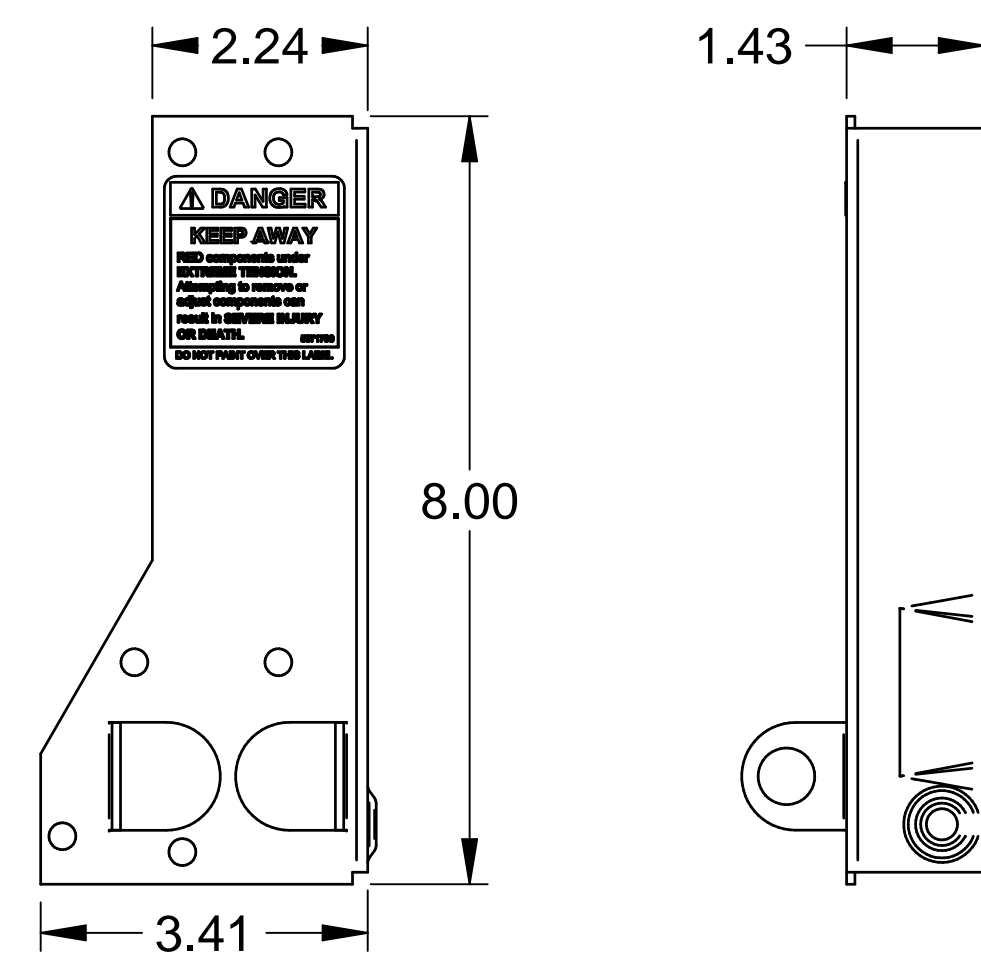
Typical Track Installation  
Pre-Assembled Clip Angle  
Wood, Steel or Concrete Jambs

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

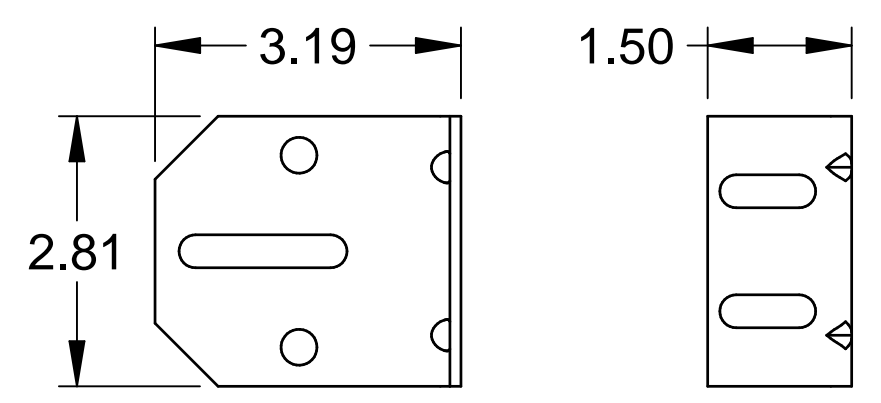


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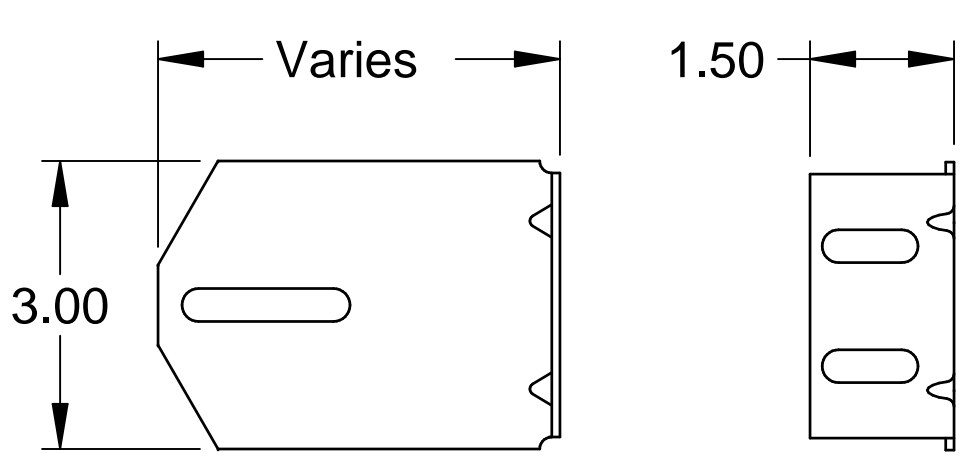
Scale: None	<p>1101 East River Road Dixon, IL 61021</p>	Title: Spec, Wind Load Commercial Encore	
Drawn by: R. Frey		No. P-2400	Sheet 2
Checked by: G. Wedekind			
Date: 05/24/22		ECO: 8593.01	



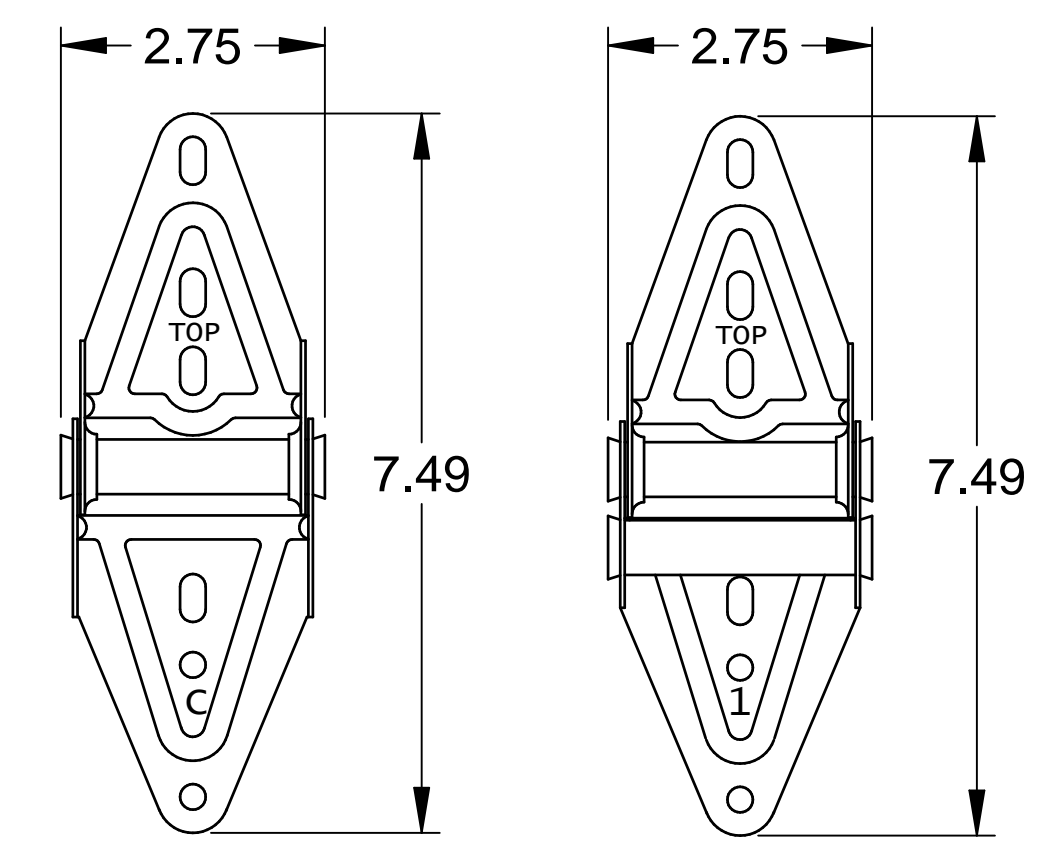
Corner Bracket  
.086 Galv. Steel



3" Track Bracket  
.116 Galv. Steel

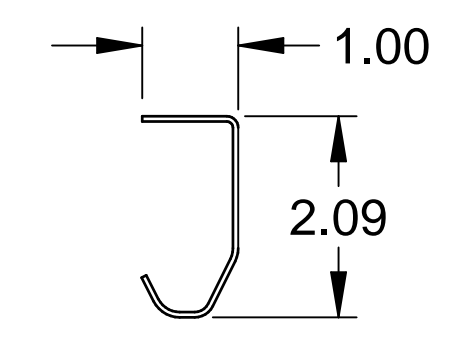


Track Bracket  
.116 Galv. Steel

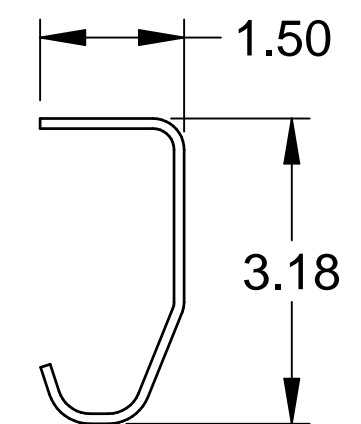


Center Hinge  
.045 Galv. Steel

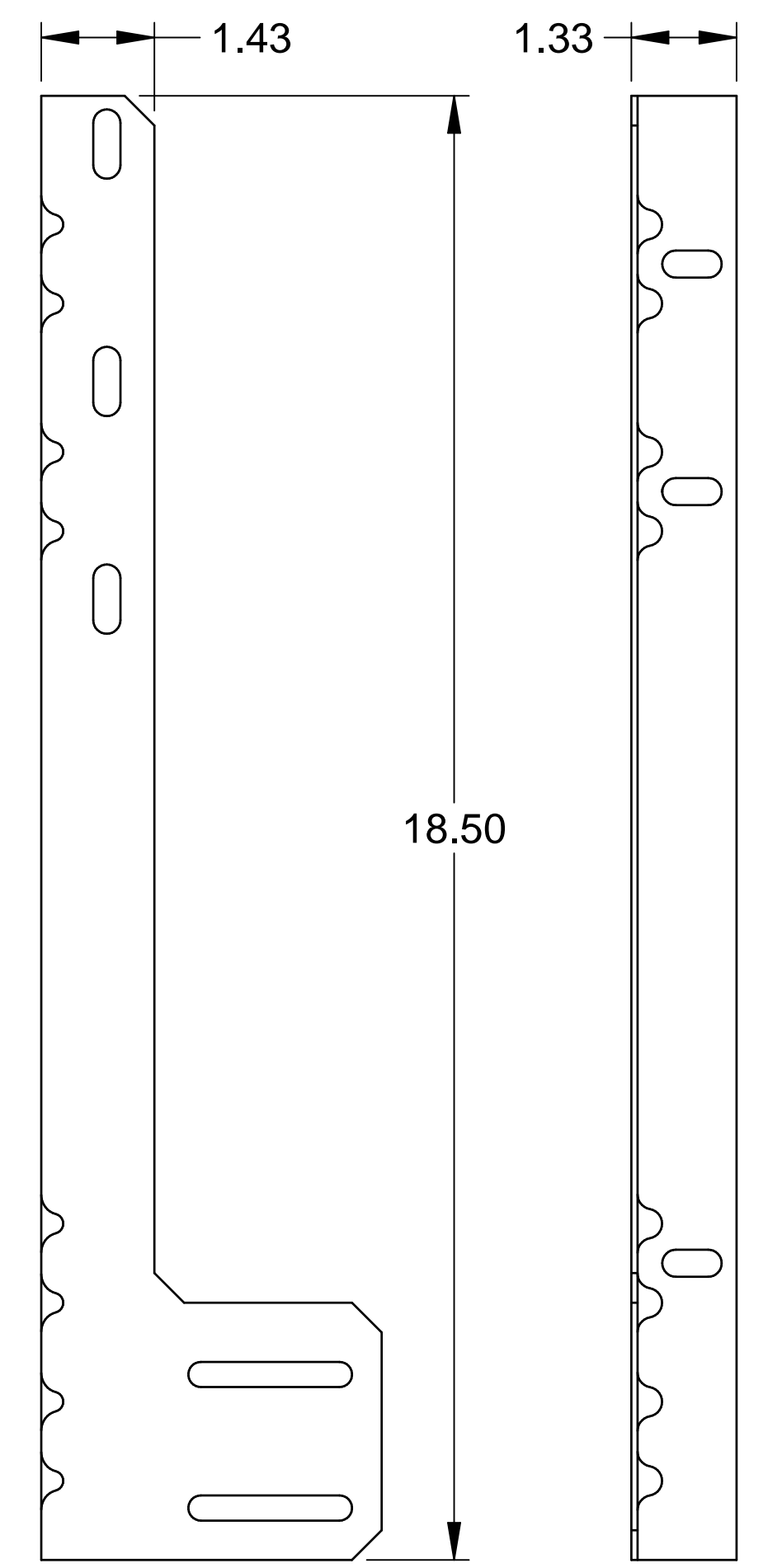
Edge Hinge  
.086 Galv. Steel



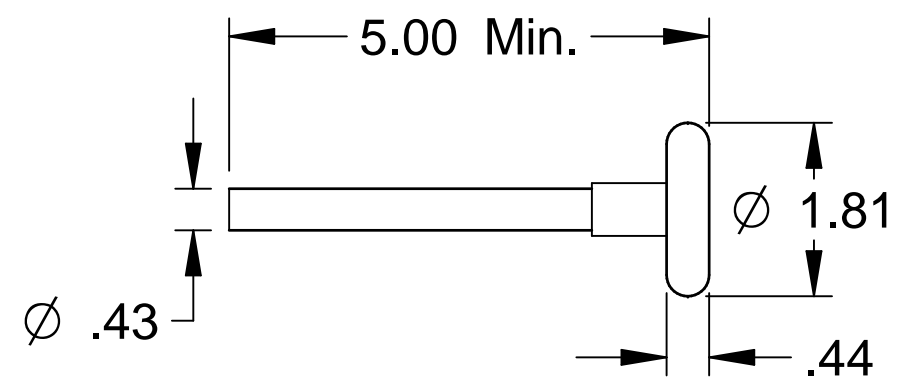
2" Track  
.055 Galv. Steel



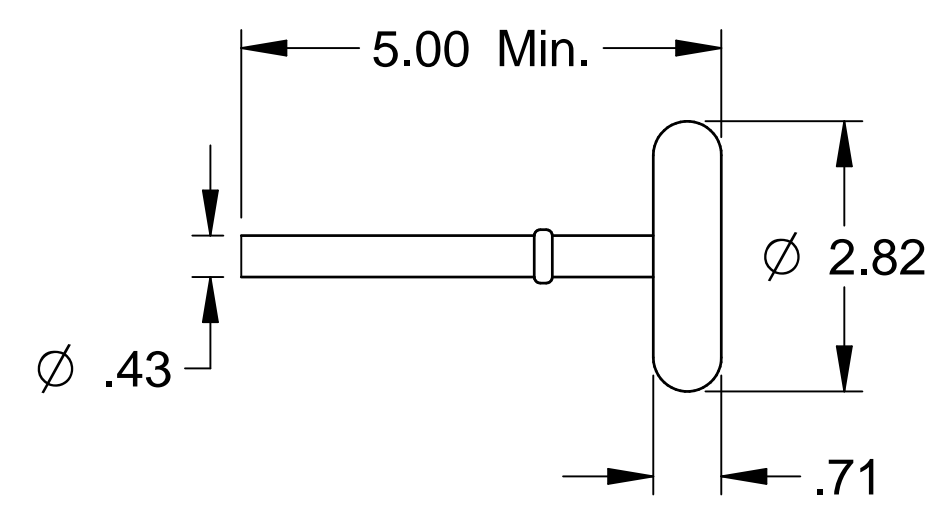
3" Track (Optional)  
.105 Galv. Steel



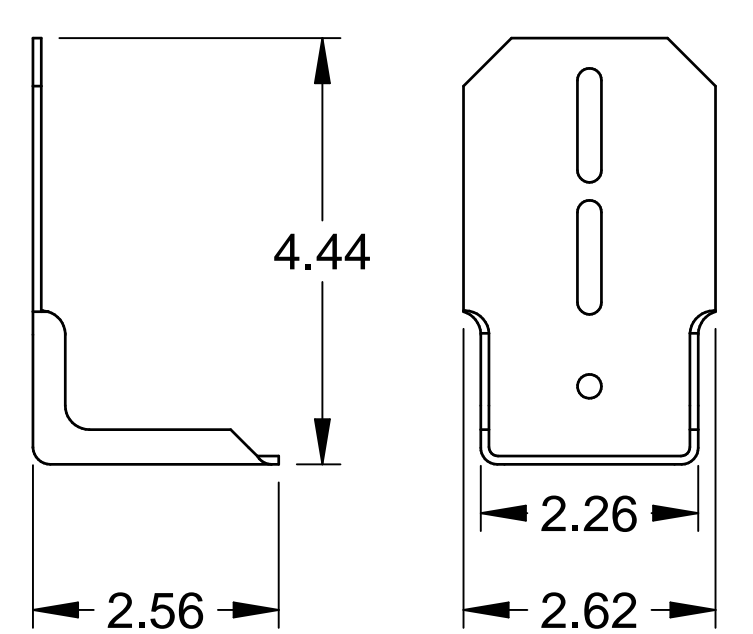
Jamb Angle  
.078 min. Galv. Steel



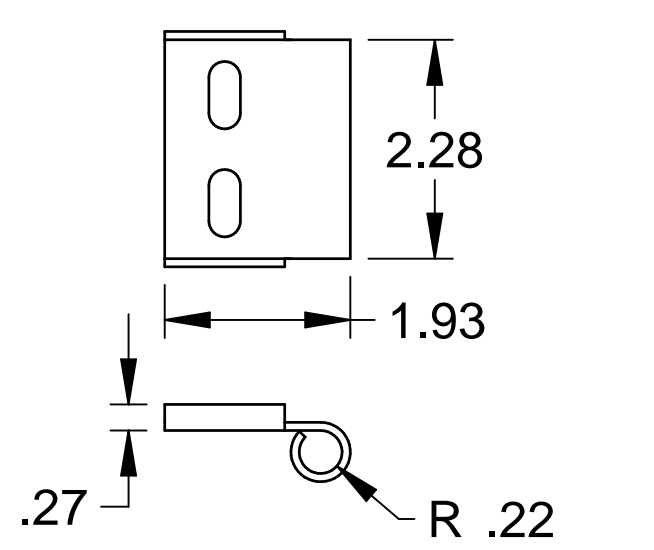
2" Roller  
Nylon 11-ball (Std.)  
Steel 10-ball (Opt.)



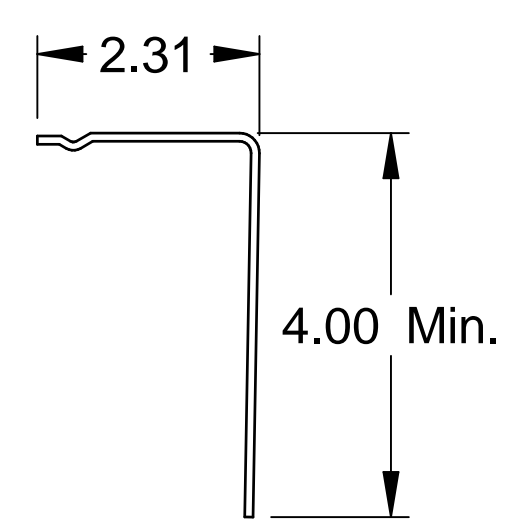
3" Roller  
Steel 10-ball (Opt.)



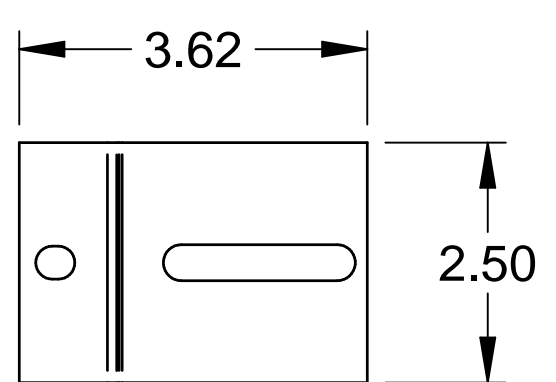
Top Fixture  
.085 Galv. Steel



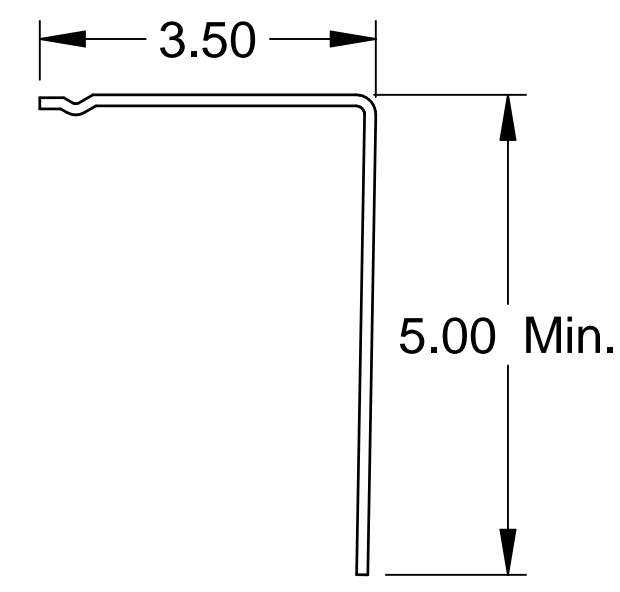
Roller Carrier  
.085 Galv. Steel  
Attached to Top Fixture  
w/(2) Track Bolts and Whiz Nuts



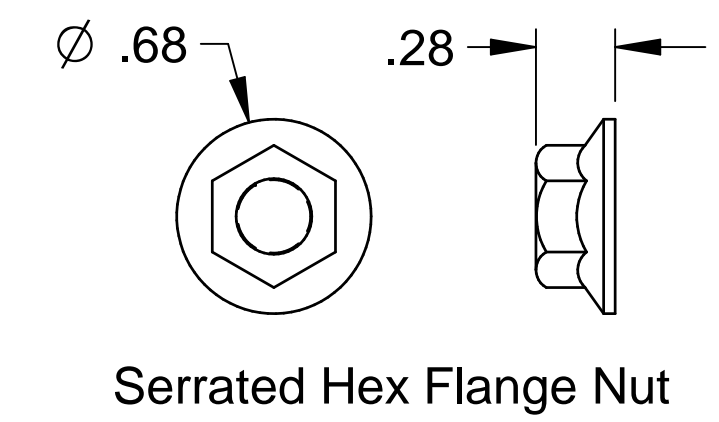
2" Angle Mount (Opt.)  
.086 Galv. Steel



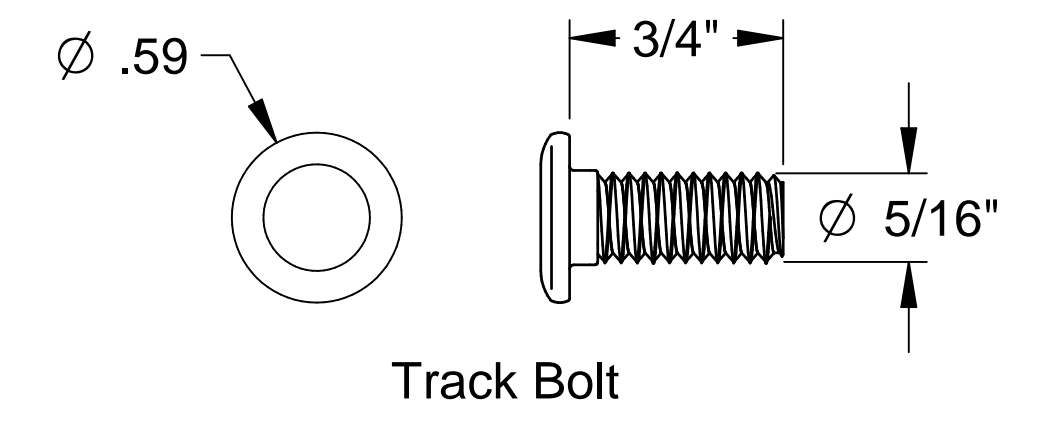
Track Clip (Opt.)  
.09 Galv. Steel



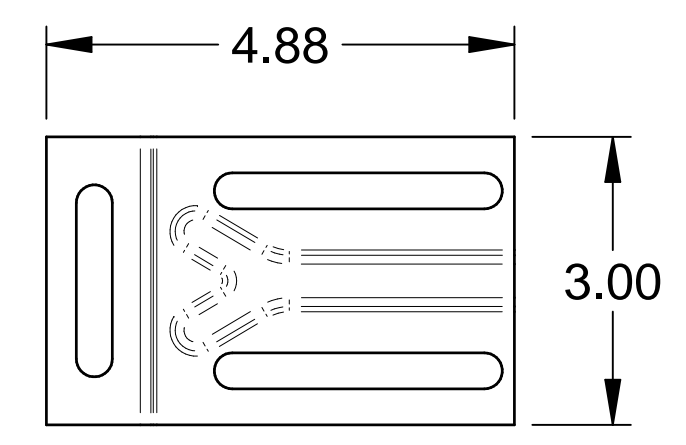
3" Angle Mount (Opt.)  
.086 Min. Galv. Steel



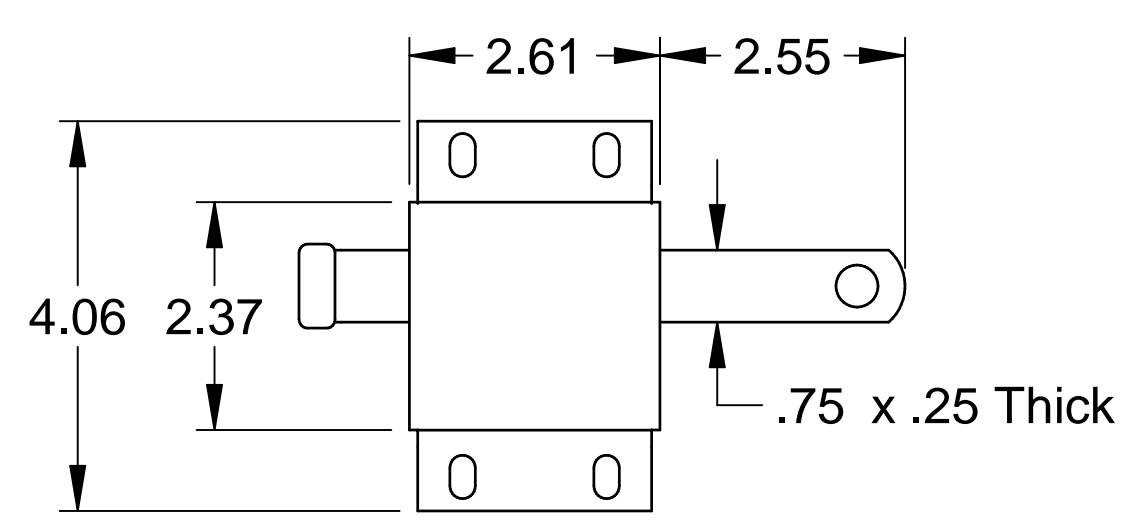
Serrated Hex Flange Nut



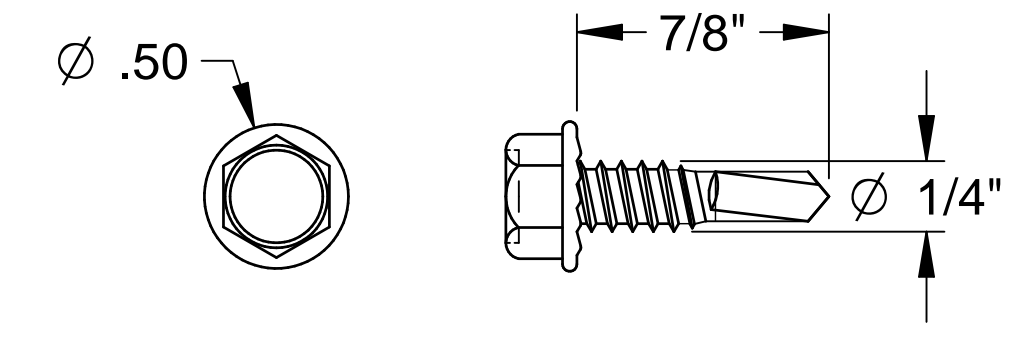
Track Bolt



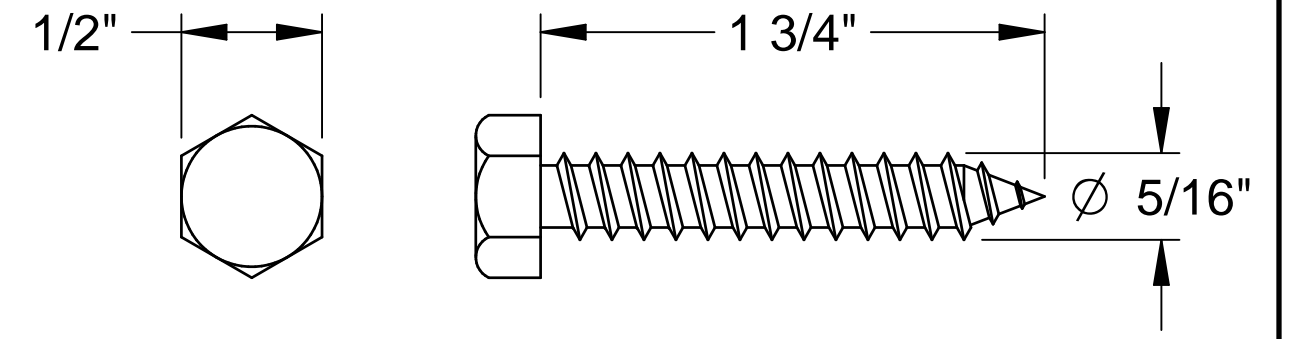
Track Splice Clip (Opt.)  
.105 Galv. Steel



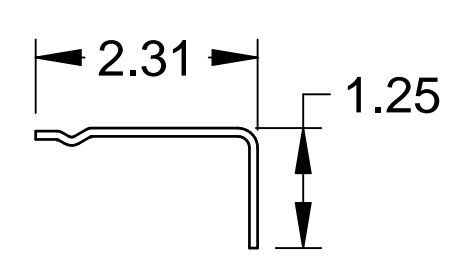
Slide Lock



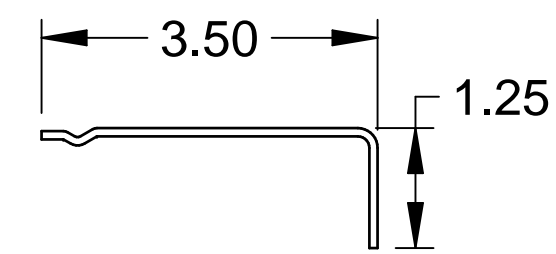
Self-Drilling Screw



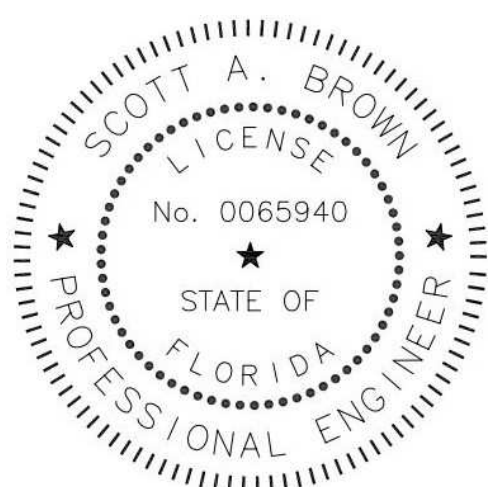
Hex Head Lag Screw



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



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



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Structural Adequacy for Wind Load

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

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

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 05/24/22
ECO: 8593.01

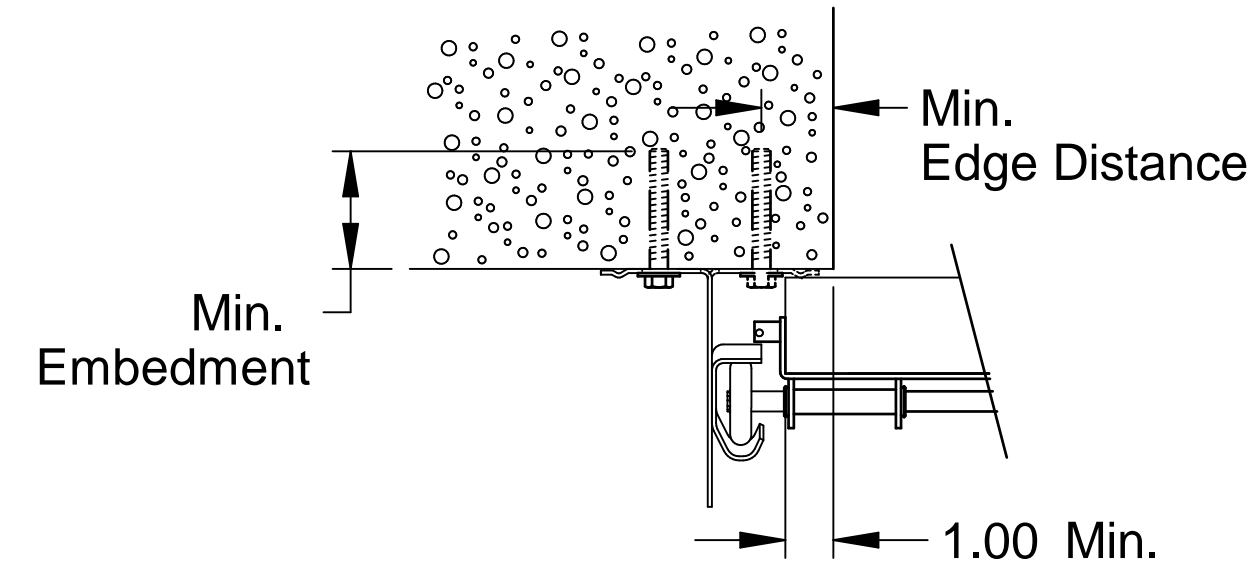


1101 East River Road  
Dixon, IL 61021

Title: Spec, Wind Load Commercial Encore		
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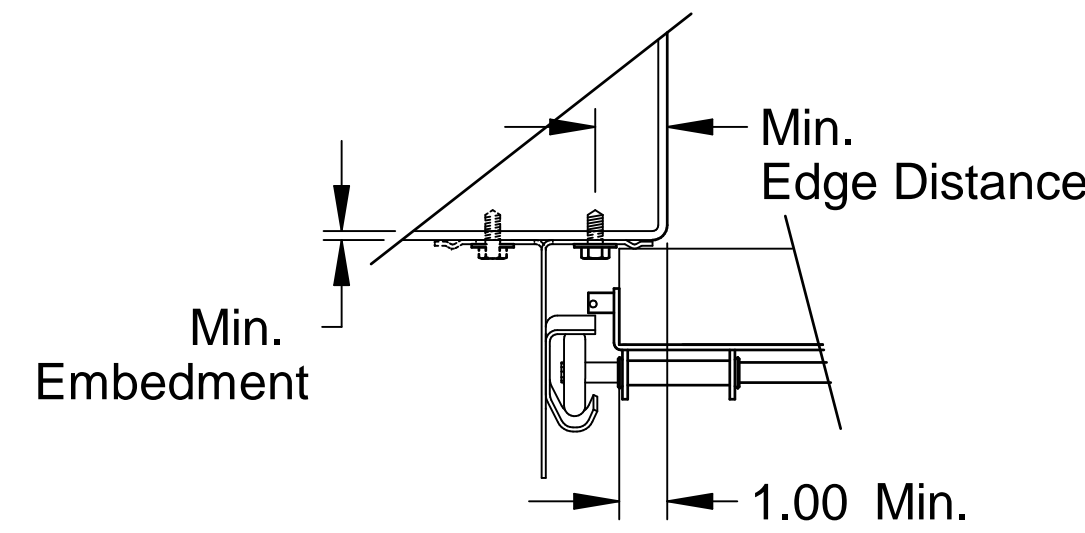
Angle Mount					
Jamb Type	Fastener Type	Minimum Embedment (in.)	Minimum Edge Distance (in.)	Maximum on Center Spacing (in.)	Allowable Tension Load (lbs.)
2500 PSI Min. Concrete	3/8" ITW Trubolt	2-1/2"	2-1/2"	36"	893
	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	36"	687
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	36"	651
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"	36"	352
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	36"	480

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



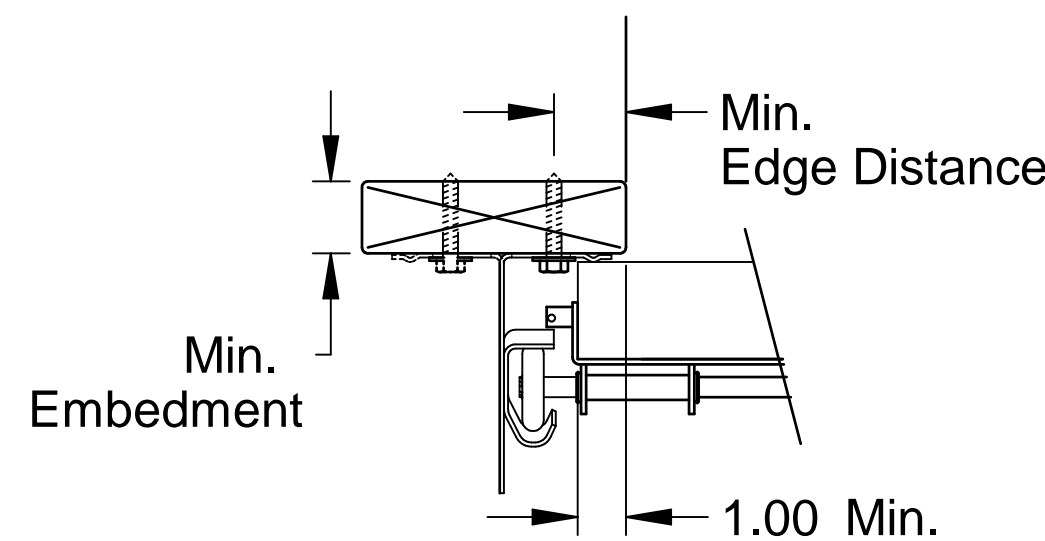
**Track Assembly Attachment to 2500 PSI Min. Concrete**

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



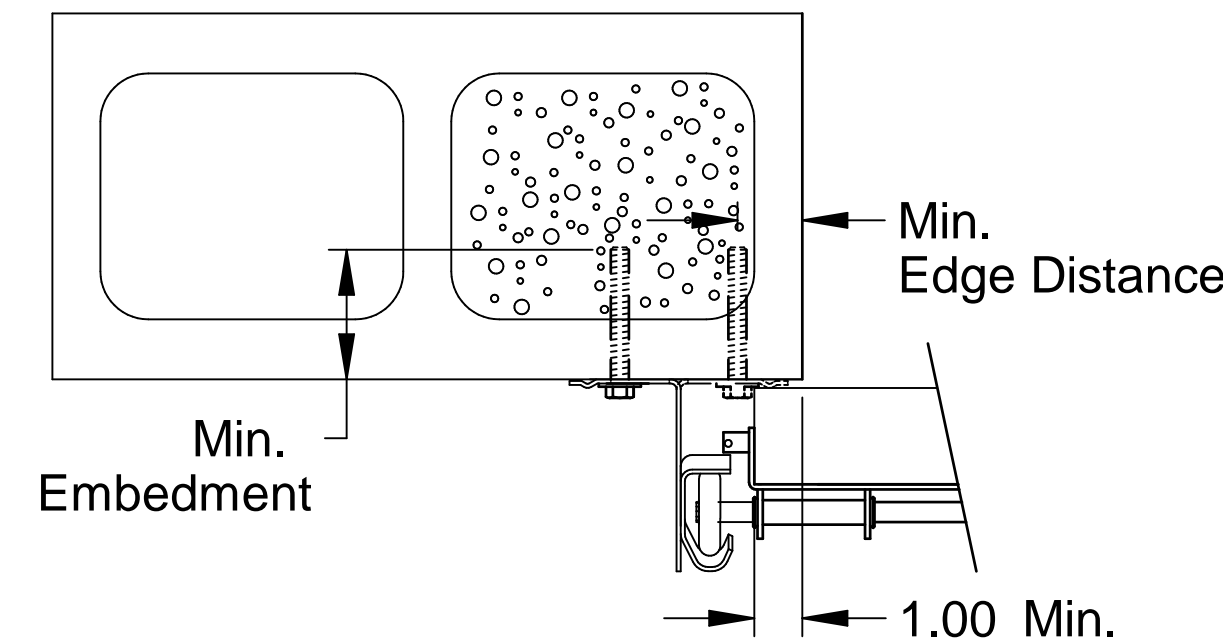
**Track Assembly Attachment to 3/16" Min. Steel Jamb**

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



**Track Assembly Attachment to Wood Jamb**

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

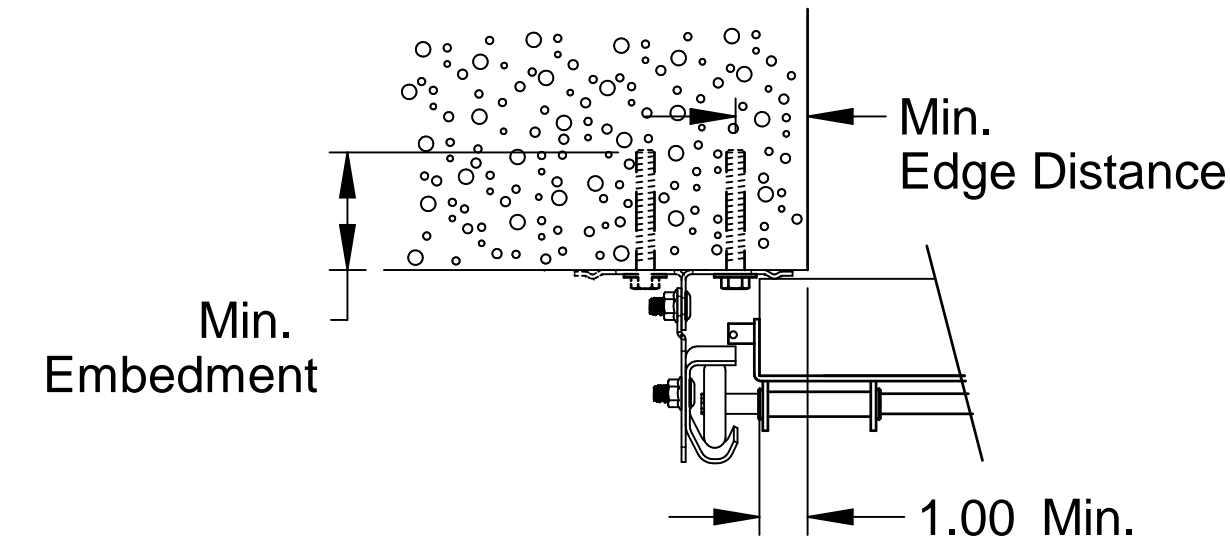


**Track Assembly Attachment to Grout Filled CMU Block**

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

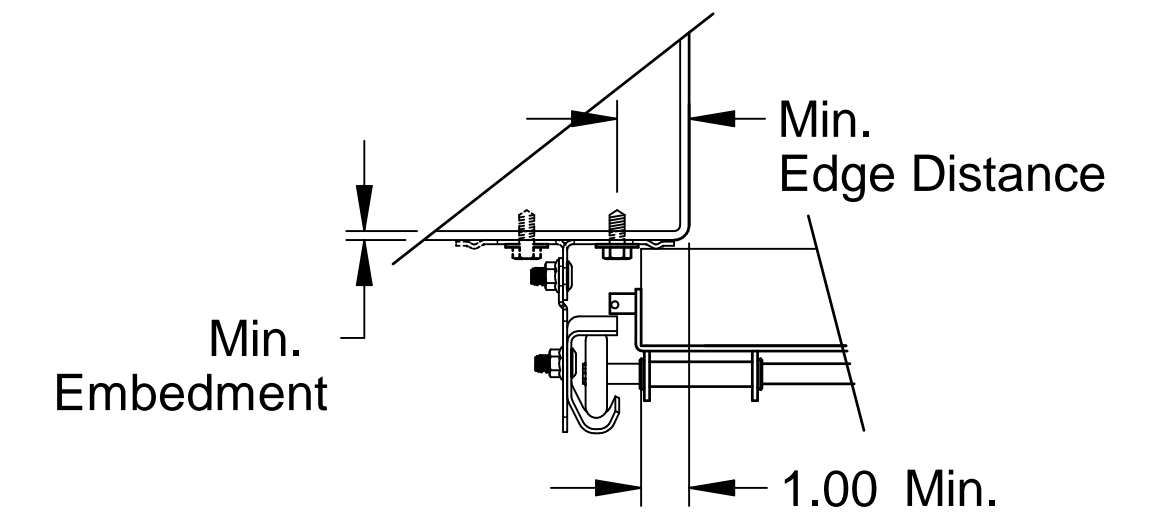
Pre-Assembled Clip Angle					
Jamb Type	Fastener Type	Minimum Embedment (in.)	Minimum Edge Distance (in.)	Maximum on Center Spacing (in.)	Allowable Tension Load (Lbs.)
2500 PSI Min. Concrete	3/8" ITW Trubolt	2-1/2"	2-1/2"	24"	893
	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	24"	687
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	24"	651
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	24"	971
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	24"	352
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	24"	480

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



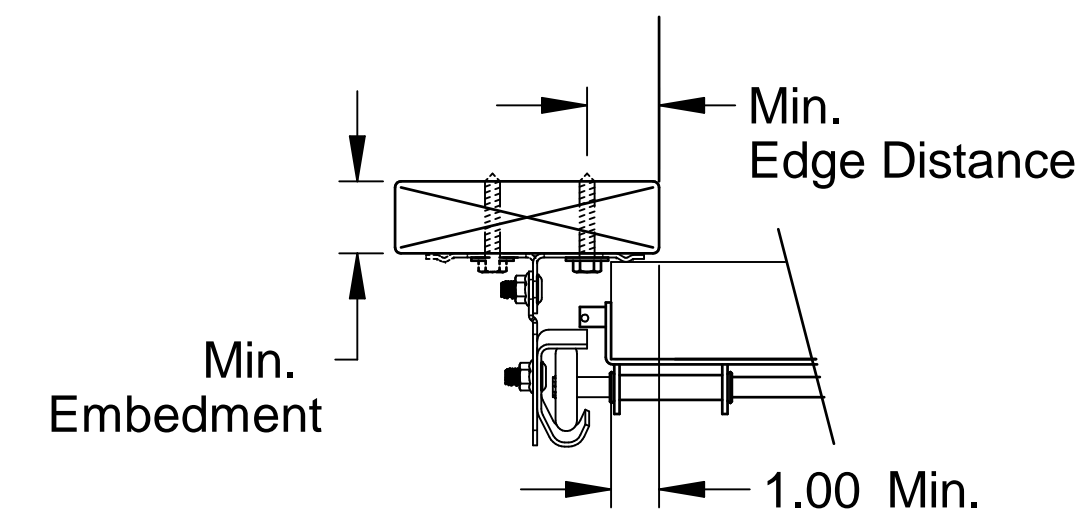
**Pre-Assembled Track Assembly Attachment to 2500 PSI Min. Concrete**

2" Clip angle turned-in standard (solid)  
2" Clip angle turned-out optional (dashed)  
3" Clip angle available



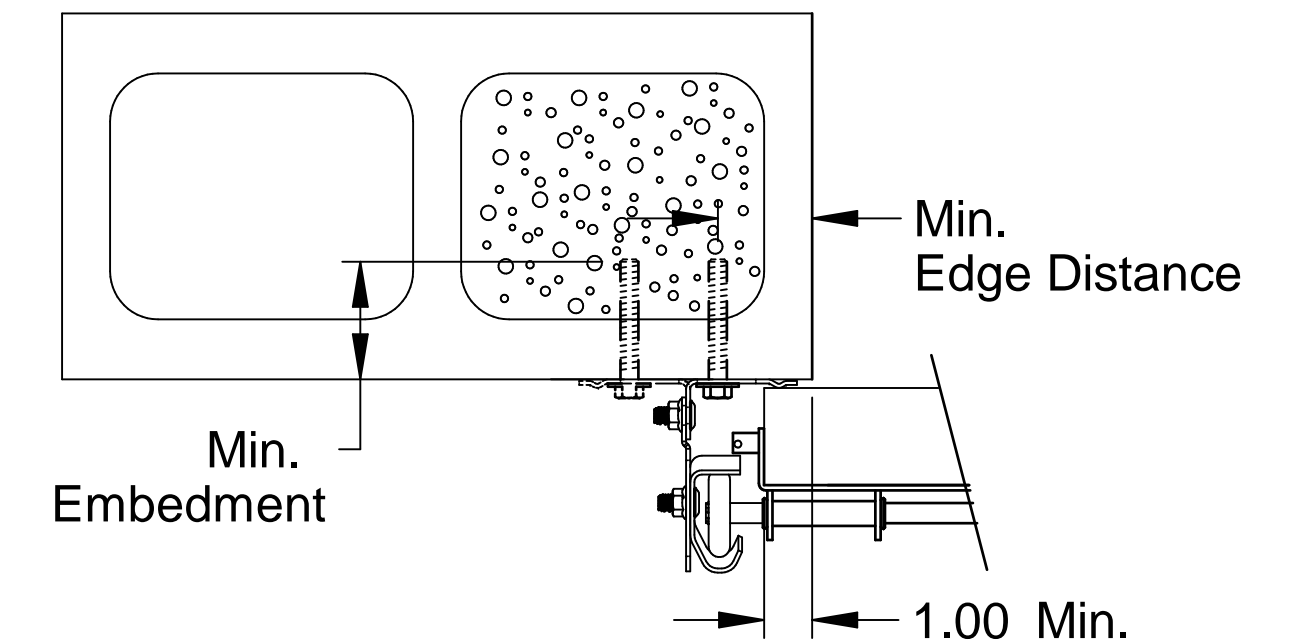
**Pre-Assembled Track Assembly Attachment to 3/16" Min. Steel Jamb**

2" Clip angle turned-in standard (solid)  
2" Clip angle turned-out optional (dashed)  
3" Clip angle available



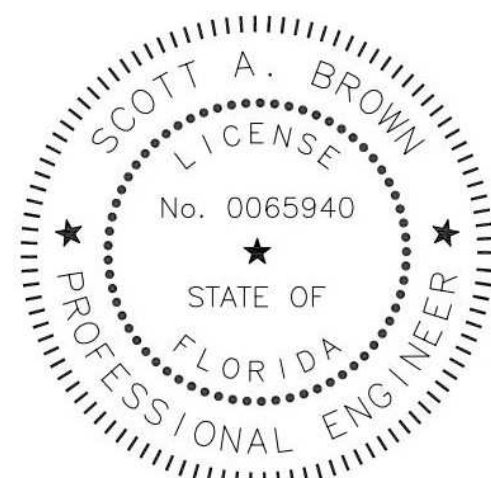
**Pre-Assembled Track Assembly Attachment to Wood Jamb**

2" Clip angle turned-in standard (solid)  
2" Clip angle turned-out optional (dashed)  
3" Clip angle available




**Pre-Assembled Track Assembly Attachment to Grout Filled CMU Block**

2" Clip angle turned-in standard (solid)  
2" Clip angle turned-out optional (dashed)  
3" Clip angle available



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Scale: None	 1101 East River Road Dixon, IL 61021	Title: Spec, Wind Load Commercial Encore	
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Date: 05/24/22		ECO: 8593.01	