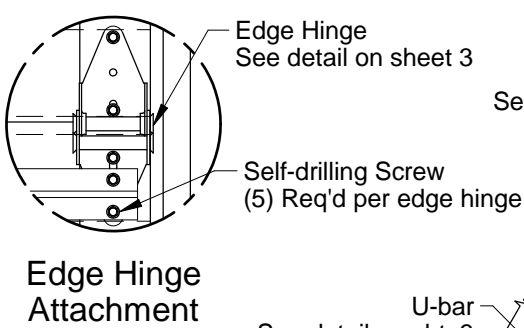


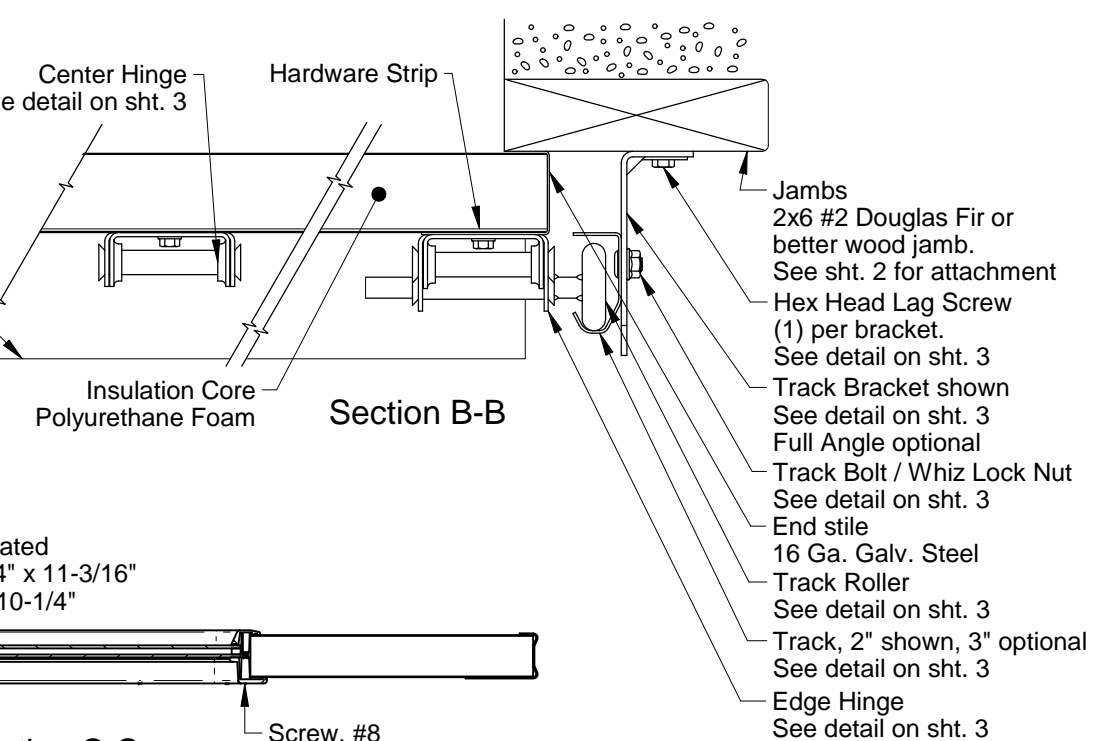
TH160
Exterior Skin = .013
Interior Skin = .013

TM175
Exterior Skin = .017
Interior Skin = .013

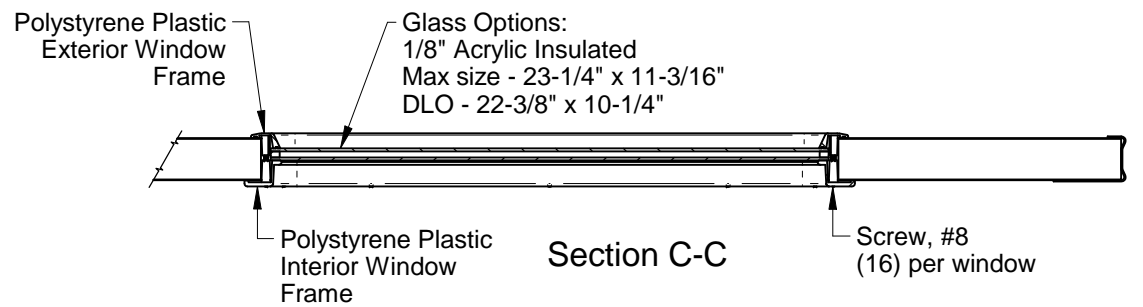
TM200
Exterior Skin = .013
Interior Skin = .013



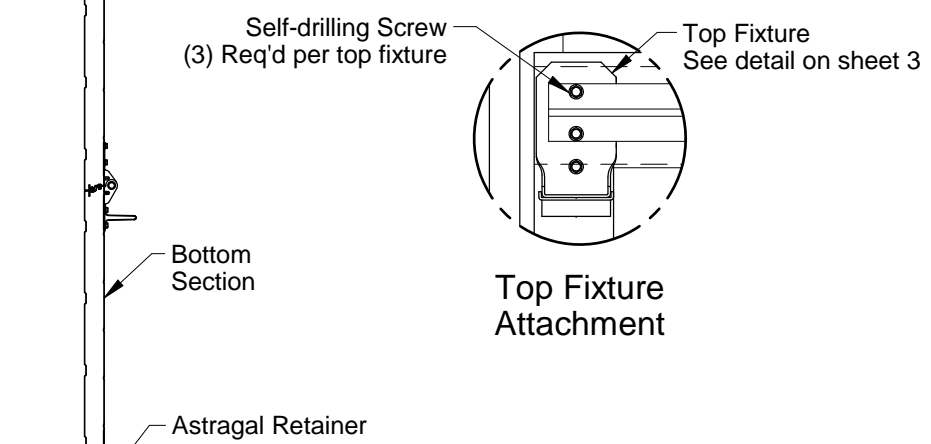
Edge Hinge Attachment



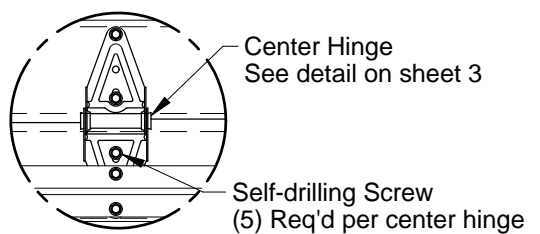
Section B-B



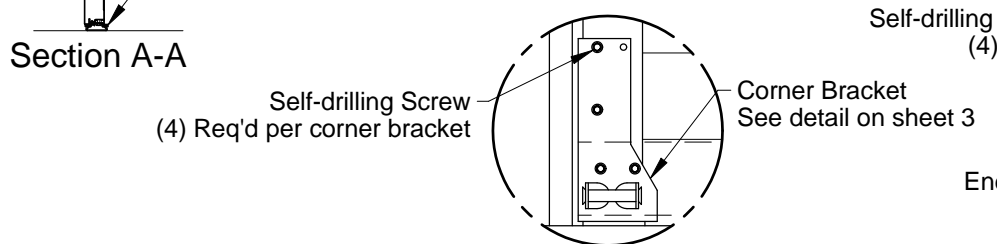
Section C-C



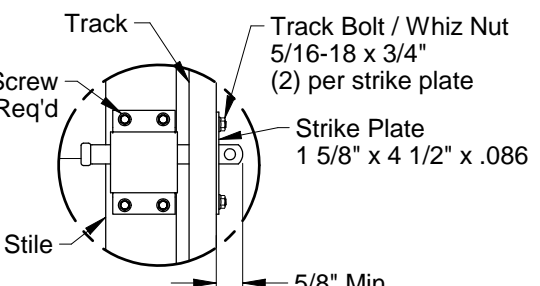
Top Fixture Attachment



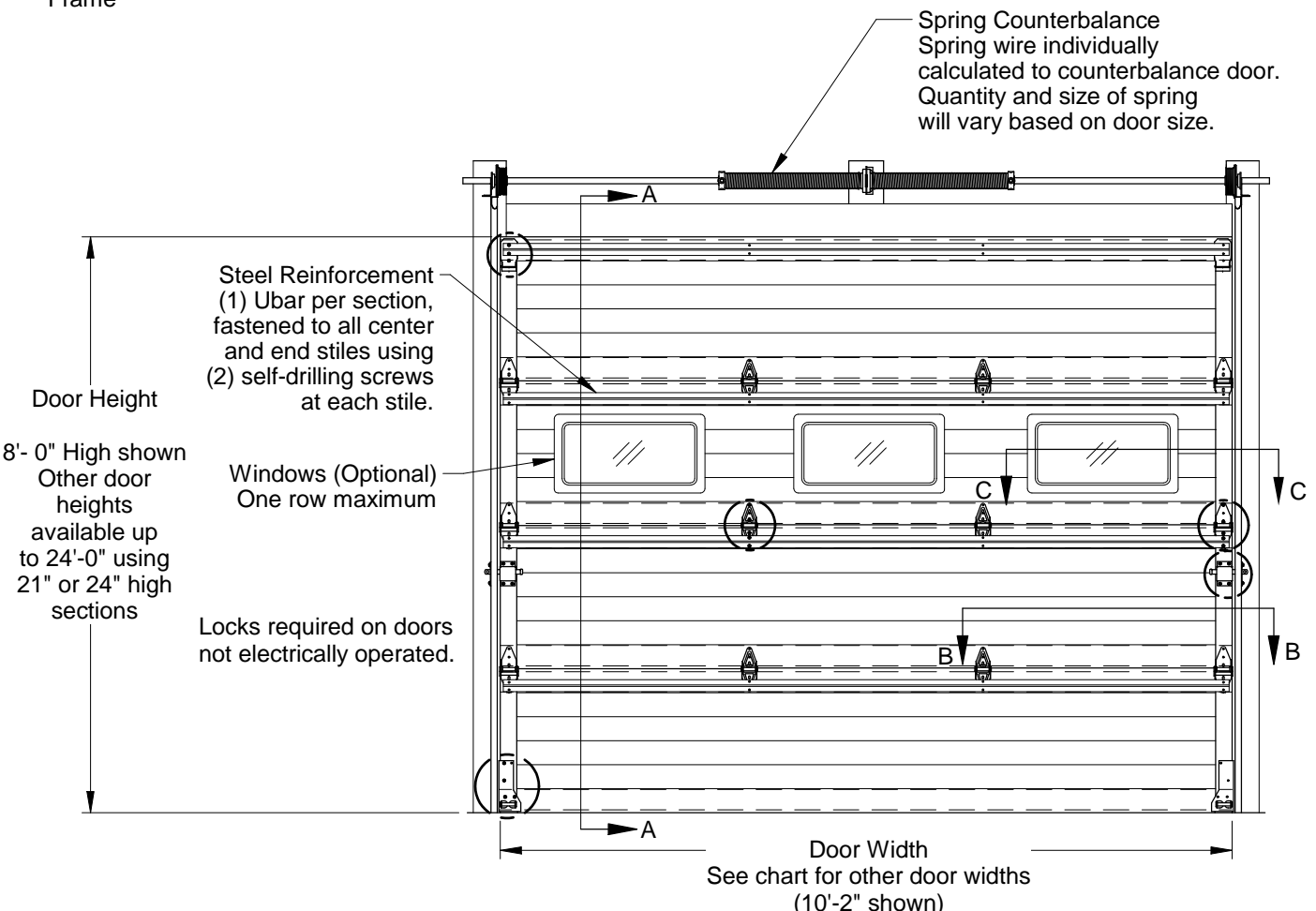
Center Hinge Attachment



Corner Bracket Attachment



Optional Interior Lock Attachment



Interior Elevation

Doors tested per ANSI/DASMA 108 for static air pressure

Maximum Door Width	Ctr Hngs per Sect	Design Loads
8'-2"	1	38.5 -43.1
9'-2"	1	34.3 -38.4
10'-2"	2	30.9 -34.6
12'-2"	2	21.6 -24.2

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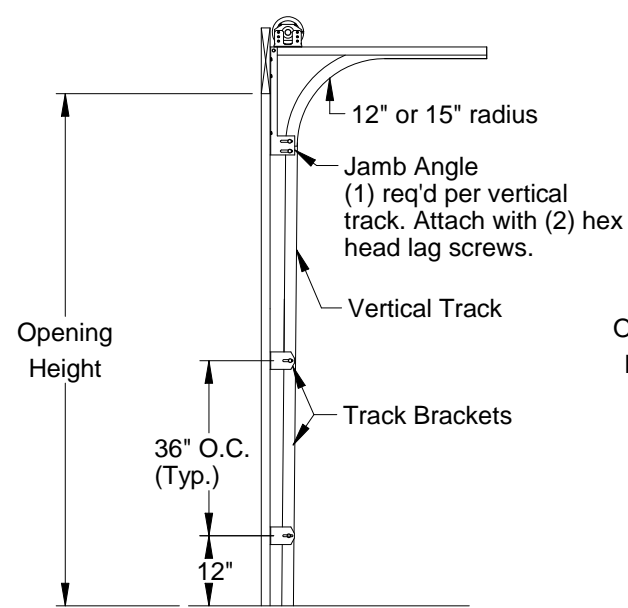
Professional Engineer's seal provided only for verification of wind load construction details

Rev.	Description	ECO	Date
B	Removed vent option, annealed & tempered glass on sht 1.	7679.03	12/09/19
A	New release for production.	7679.01	01/29/19

Scale: None
 Drawn by: R. Frey
 Checked by: G. Wedekind
 Date: 01/29/19
 ECO: 7679.01

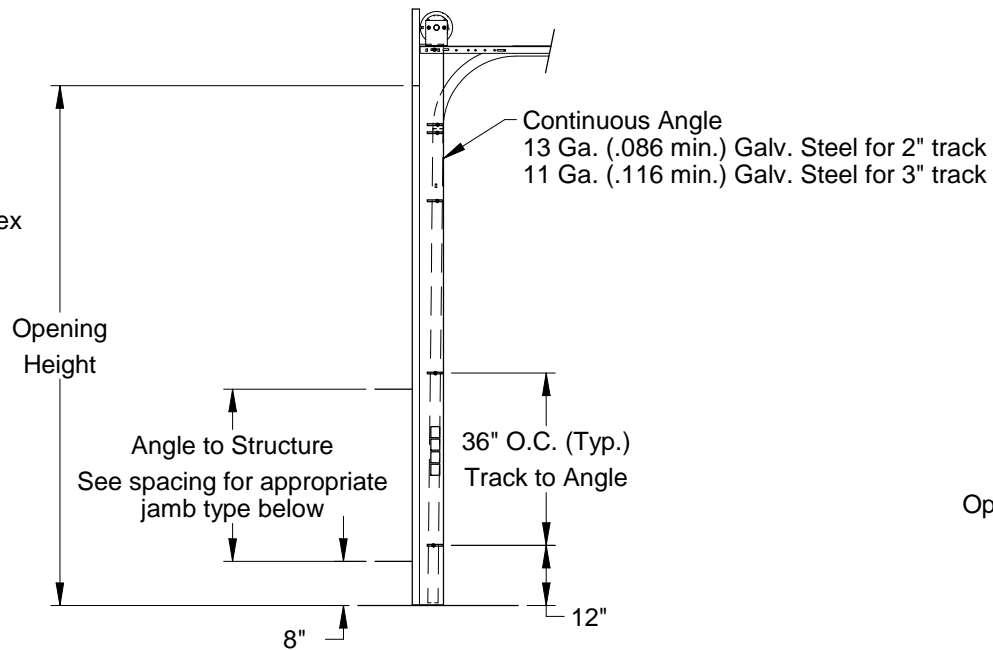
RAYNOR
 1101 East River Road
 Dixon, IL 61021

Title: Spec, Wind Load TH160, TM175, TM200
 No. **P-2812**
 Sheet 1 of 3
 Rev **B**

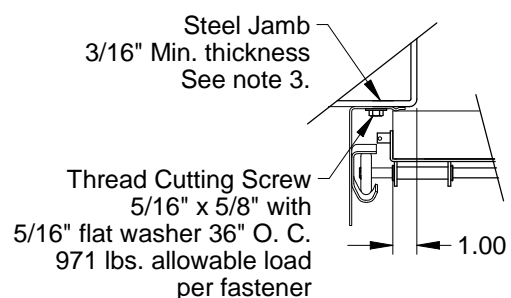
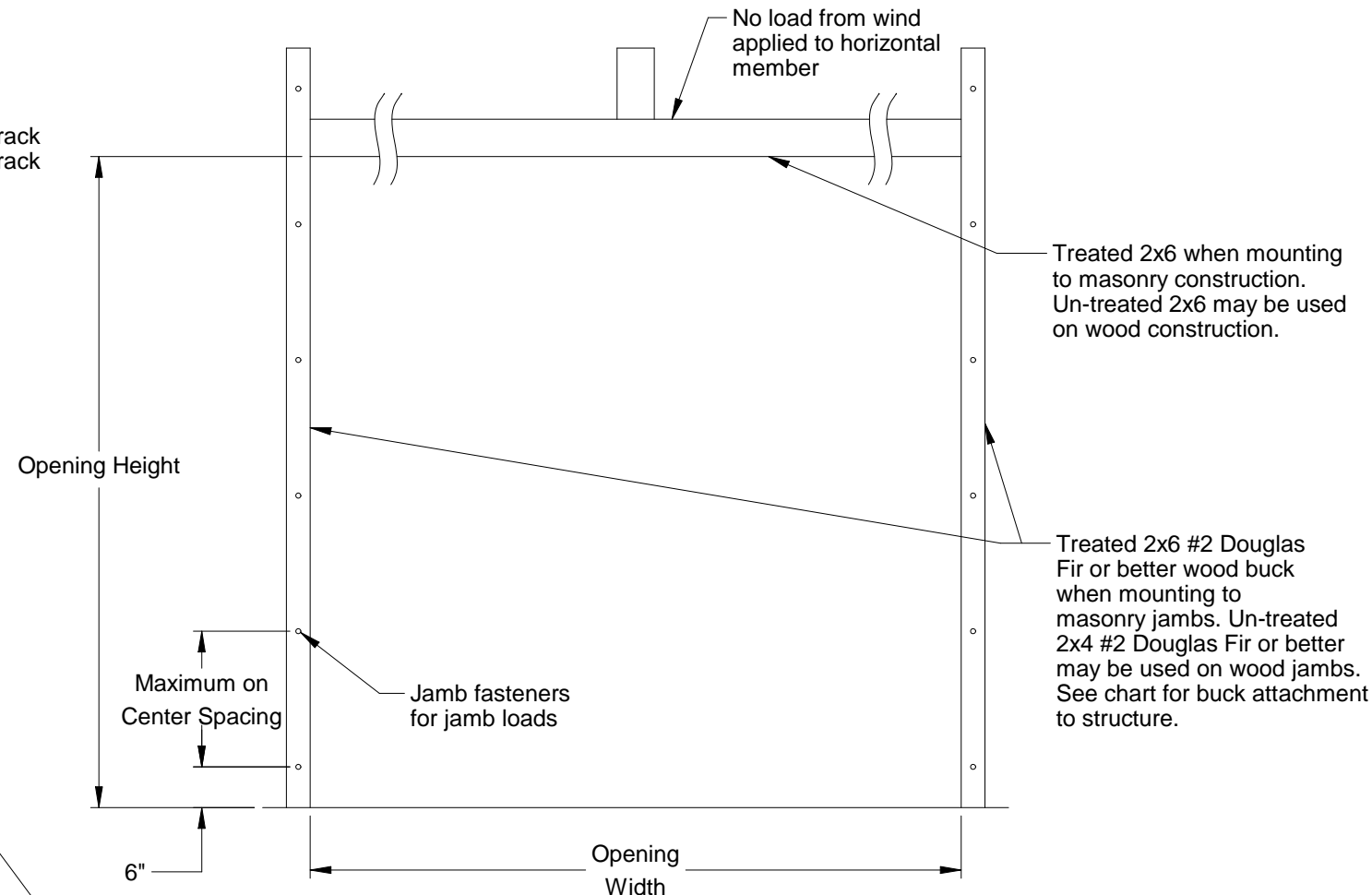


**Typical Track Installation
Bracket Mount
Wood Jamb**

Normal headroom track shown, low headroom, lift clearance and vertical lift track available

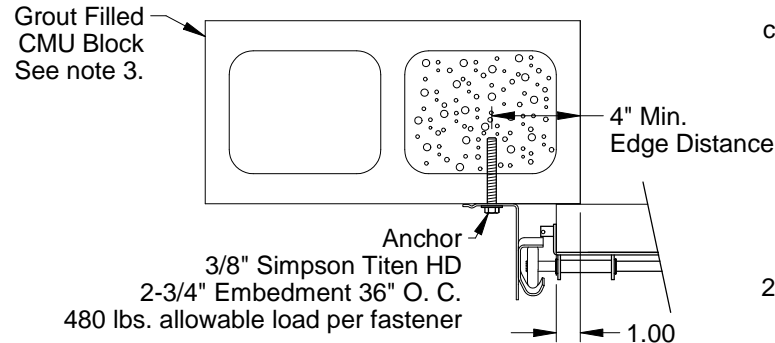


**Typical Track Installation
Angle Mount
Wood, Steel or Concrete Jamb**



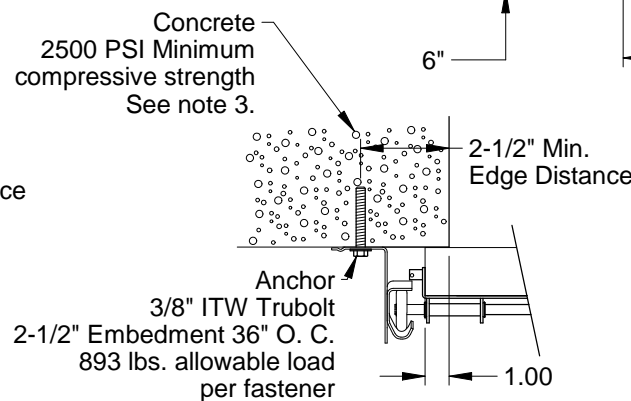
**Track Assembly Attachment
to Steel Jamb**

2" Track Angle Mount Turned-in (shown)
3" Track Angle Mount Available



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

2" Track Angle Mount Turned-out (shown)
3" Track Angle Mount Available

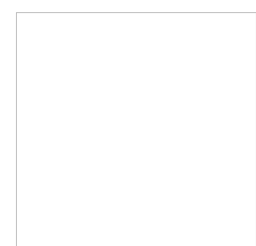


**Track Assembly Attachment
to 2500 PSI Min. Concrete**

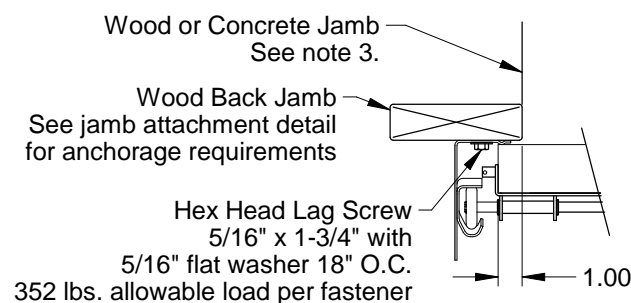
2" Track Angle Mount Turned-out (shown)
3" Track Angle Mount Available

Jamb Attachment Notes:

1. Maximum Positive Load per Jamb = $(10'-2" \times 30.9 \text{ PSF}) / 2 = 158 \text{ lbs. per foot.}$
2. Maximum Negative Load per Jamb = $(10'-2" \times -34.6 \text{ PSF}) / 2 = 176 \text{ lbs. per foot.}$
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 1/16" pilot hole and 1-1/2" minimum required distance.

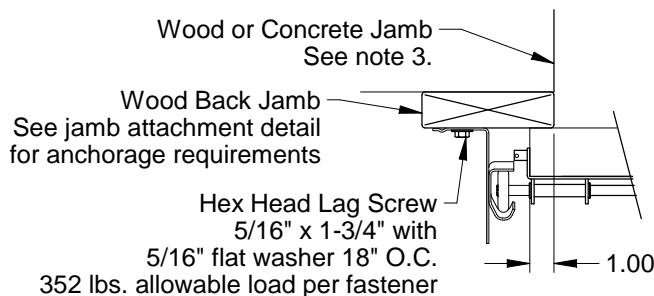


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**Track Assembly Attachment
to Wood Back Jamb**

2" Track Angle Mount Turned-in (shown)
3" Track Angle Mount Available



**Track Assembly Attachment
to Wood Back Jamb**

2" Track Angle Mount Turned-out (shown)
3" Track Angle Mount Available

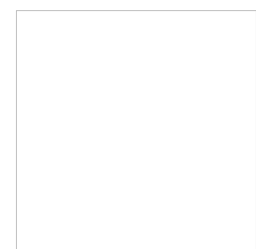
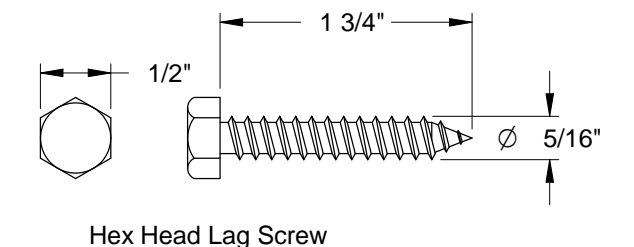
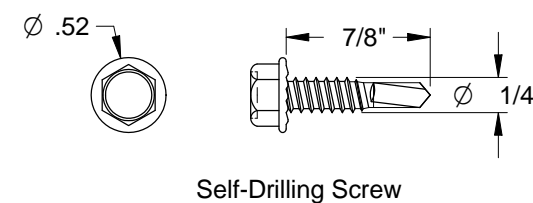
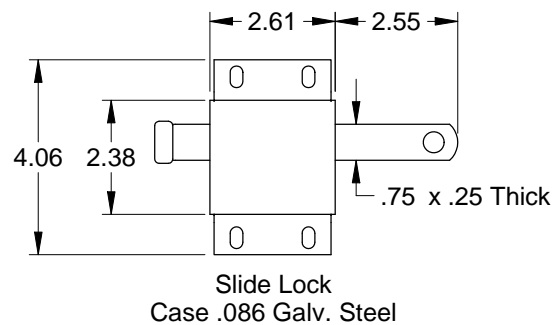
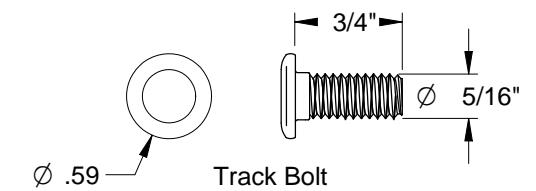
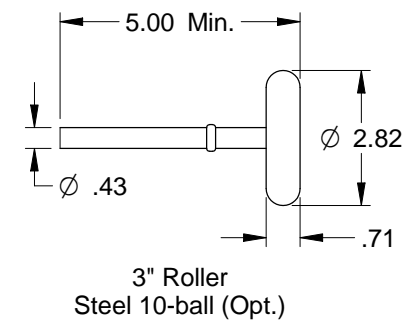
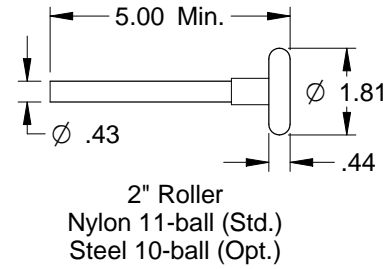
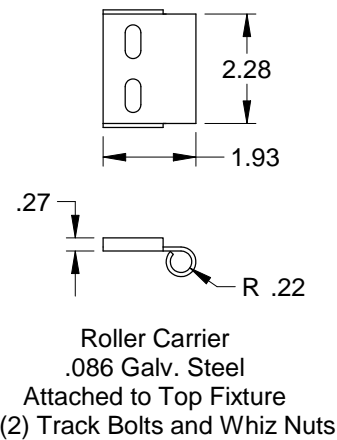
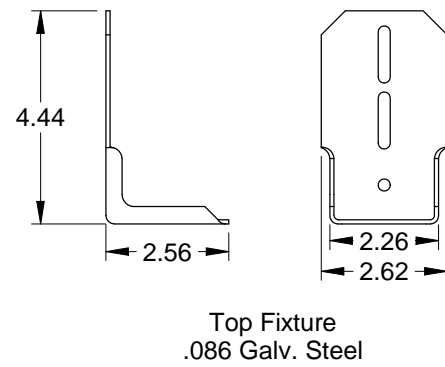
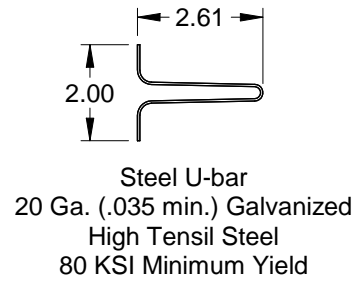
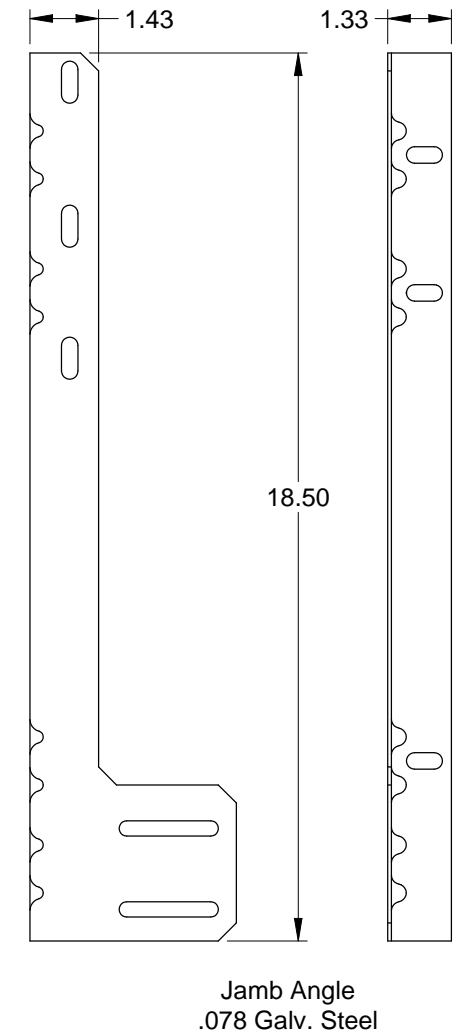
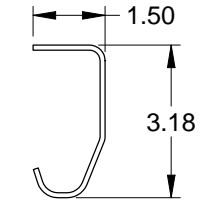
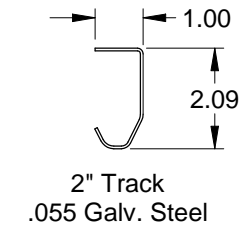
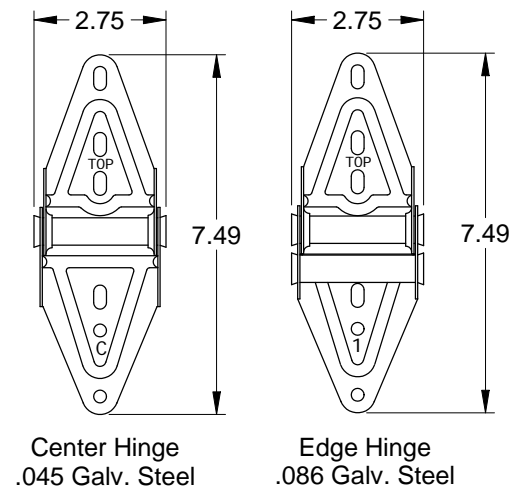
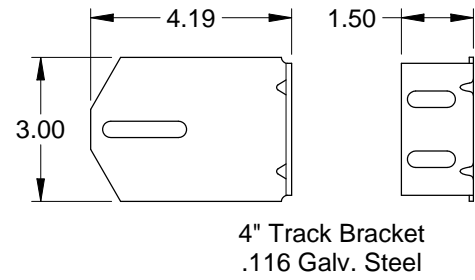
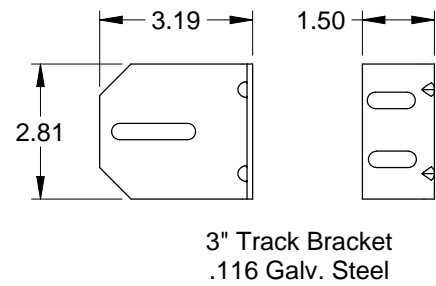
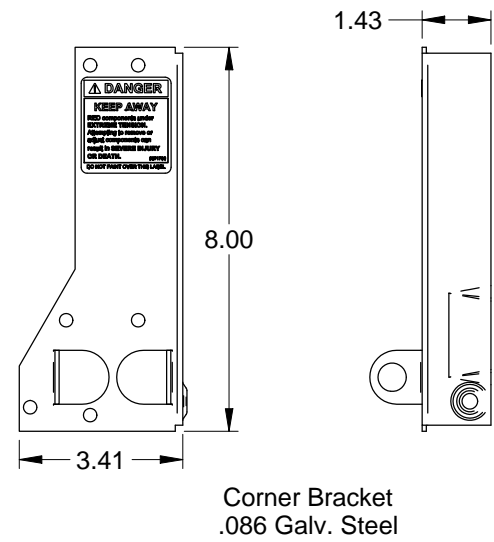
2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5"	6"	24"	526
Southern Pine	3/8" x 3" Lag with 1-1/8"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

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 01/29/19
ECO: 7679.01




1101 East River Road
Dixon, IL 61021

Title: Spec, Wind Load TH160, TM175, TM200		
No. P-2812	Sheet 2	Rev B



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TX PE #56308-f2203

Scale: None	 1101 East River Road Dixon, IL 61021	Title: Spec, Wind Load TH160, TM175, TM200	
Drawn by: R. Frey		No. P-2812	Sheet 3
Checked by: G. Wedekind			
Date: 01/29/19		ECO: 7679.01	