

Section A-A

Section B-B

Edge Hinge Attachment

Optional Interior Lock Attachment

Roller Carrier Attachment

Top Fixture Attachment

Center Hinge Attachment

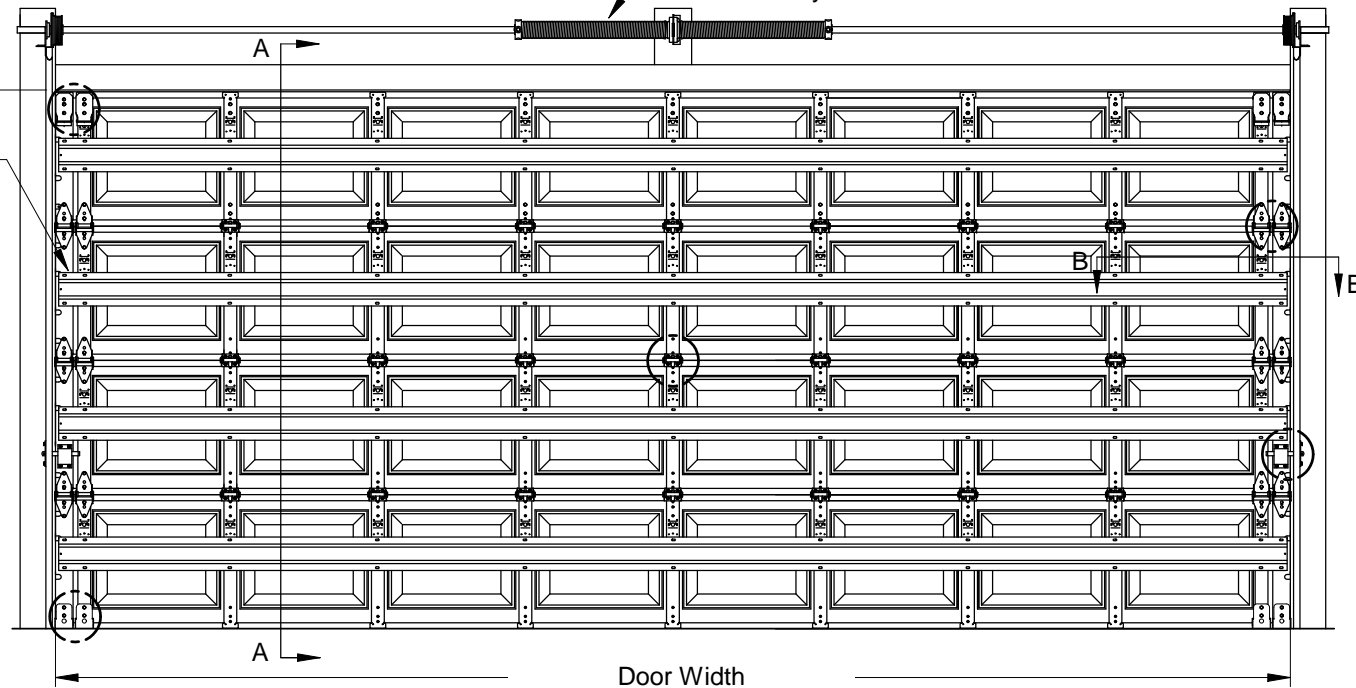
Steel Reinforcement
 (1) Box strut per section fastened to all center and end stiles using (2) sheet metal screws at each stile.

Locks required on doors not electrically operated. See detail on sht 3.

Door Height
 7'- 0" High shown
 Other door heights available up to 16'-0" using 18" or 21" high sections

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

Doors tested per ANSI/DASMA 108 for static air pressure and ANSI/DASMA 115 for large missile impact and cyclic wind pressure



Door Width
 See chart for other door widths (16'- 0" shown)

Interior Elevation

Maximum Door Width	Colonial			Ranch			Carriage House		
	Stiles per Sect.	Hinges per Sect.	Design Loads	Stiles per Sect.	Hinges per Sect.	Design Loads	Stiles per Sect.	Hinges per Sect.	Design Loads
8'-0"	3	3	65.0 -75.0	3	3	65.0 -75.0	3	3	65.0 -75.0
9'-0"	3	3		3	3		3	3	
10'-0"	4	4	56.4 -65.1	3	3	56.4 -65.1	3	3	56.4 -65.1
12'-0"	5	5		5	5		5	5	
14'-0"	6	6	45.0 -52.0	5	5	45.0 -52.0	5	5	45.0 -52.0
16'-0"	7	7		7	7		7	7	

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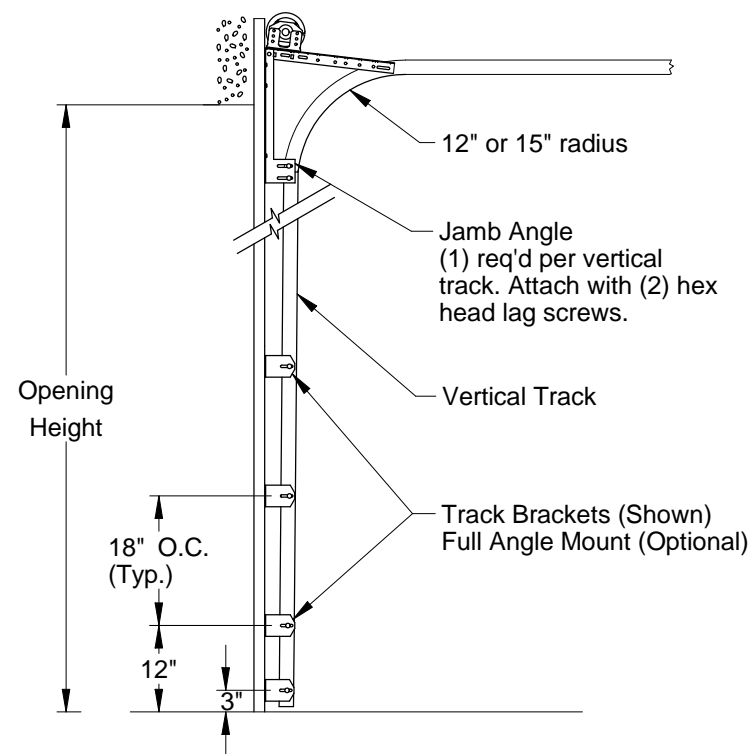
Professional Engineer's seal provided only for verification of wind load construction details

Rev.	Description	ECO	Date
B	Removed vent option on sheet 1.	7679.04	12/09/19
A	New release for production.	7679.01	02/18/19

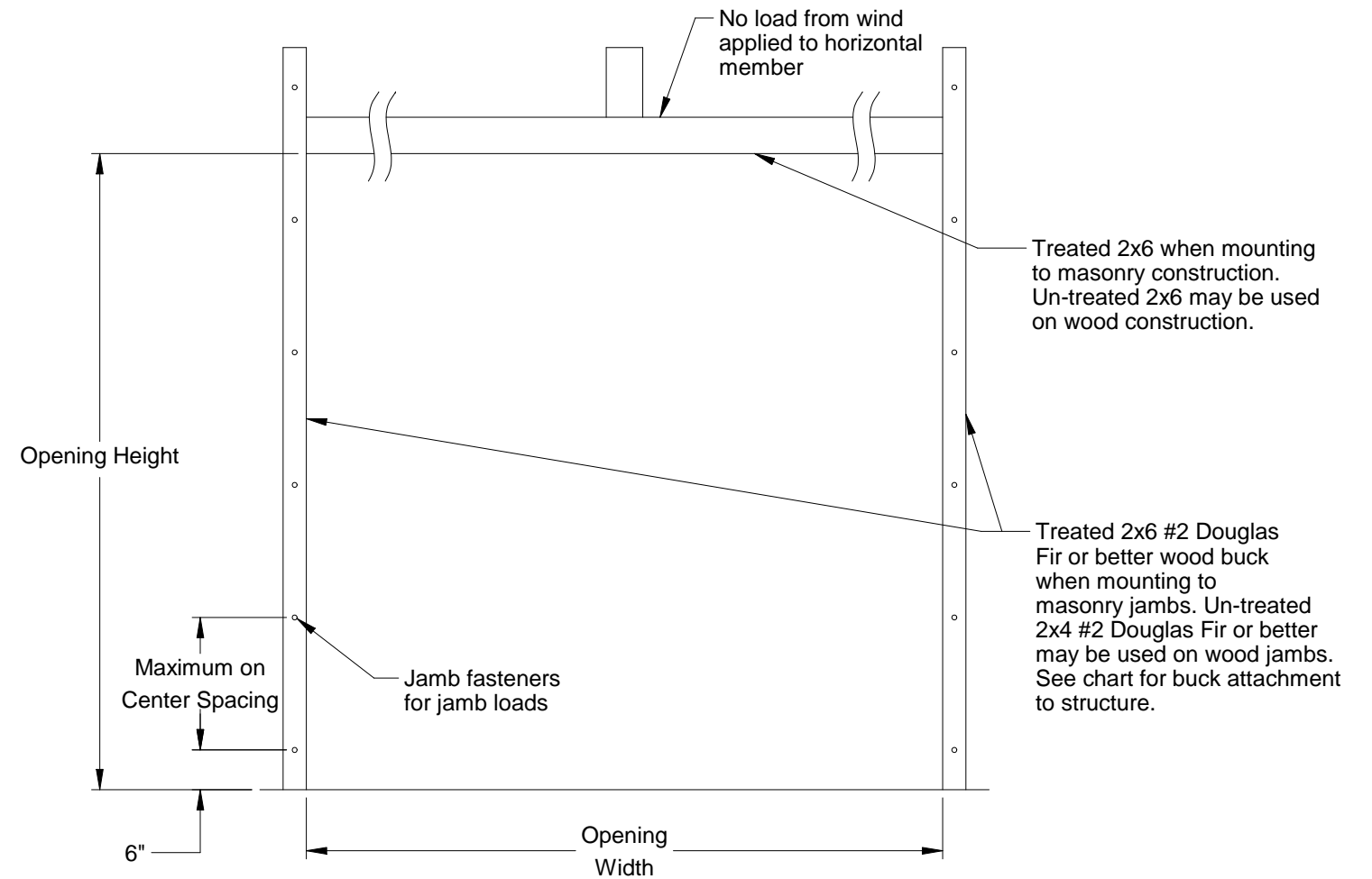
Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 02/18/19
ECO: 7679.01

1101 East River Road
 Dixon, IL. 61021

Title: Spec, Wind Load TradeMark	
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Rev B	



Typical Track Installation
Normal headroom track shown, low headroom, lift clearance and vertical lift track available



Jamb Attachment Notes:

1. Maximum Positive Load per Jamb = $(16'-0" \times 45.0 \text{ PSF}) / 2 = 360 \text{ lbs. per foot.}$
2. Maximum Negative Load per Jamb = $(16'-0" \times -52.0 \text{ PSF}) / 2 = 416 \text{ lbs. per foot.}$
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.

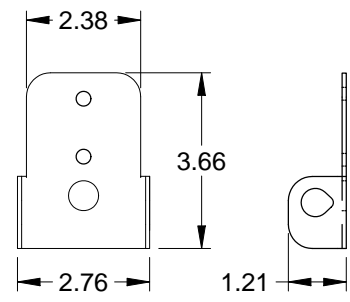
2x6 Attachment to Structure

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"	17"	526
Southern Pine	3/8" x 3" Lag with 1-1/8" OD Washer	1.50"	1.50"	1.50"	21"	655
Spruce Pine Fir	3/8" x 3" LAG with 1-1/8" OD Washer	1.50"	1.50"	1.50"	16"	482

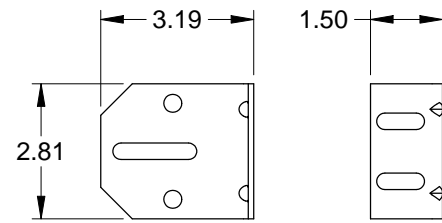


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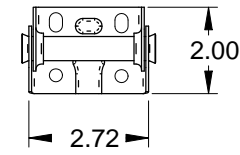
Scale: None	<p>1101 East River Road Dixon, IL 61021</p>	Title: Spec, Wind Load TradeMark		
Drawn by: R. Frey		No. P-2907	Sheet 2	Rev B
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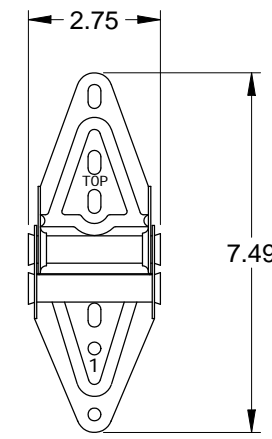
Roller Carrier
.086 Galv. Steel



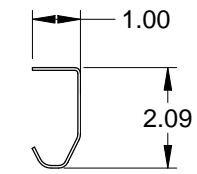
3" Track Bracket
.116 Galv. Steel



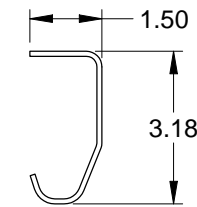
Center Hinge
.045 Galv. Steel



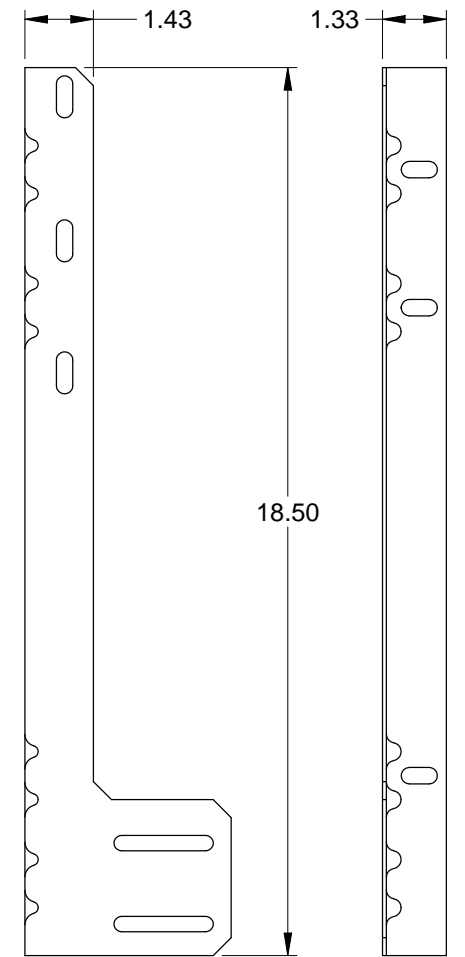
Edge Hinge
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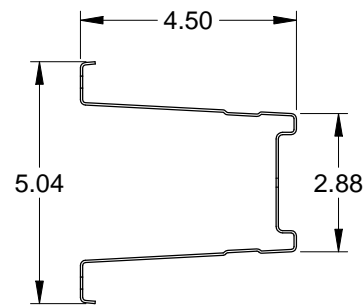
2" Track
.086 Galv. Steel



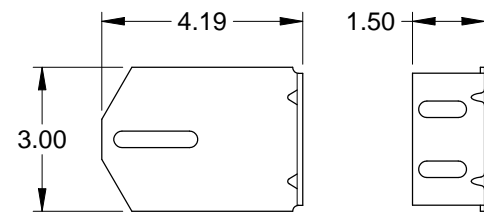
3" Track (Optional)
.105 Galv. Steel



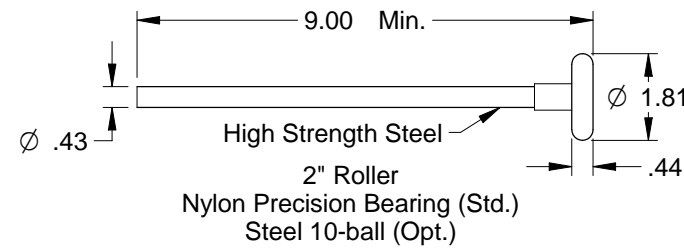
Jamb Angle
.078 Galv. Steel



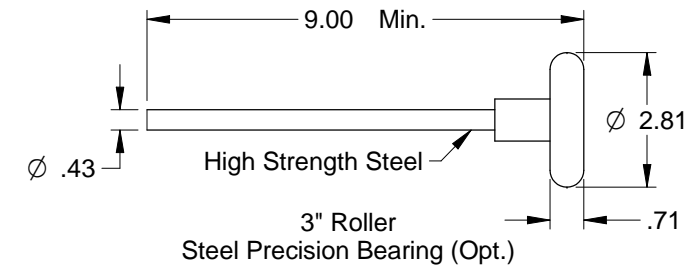
Steel Box Strut
20 Ga. (.035" Min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



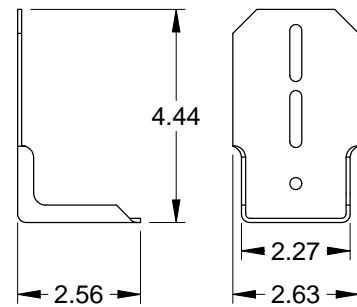
4" Track Bracket
.116 Galv. Steel



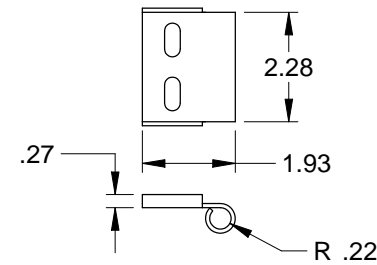
2" Roller
Nylon Precision Bearing (Std.)
Steel 10-ball (Opt.)



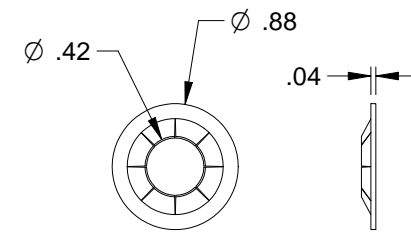
3" Roller
Steel Precision Bearing (Opt.)



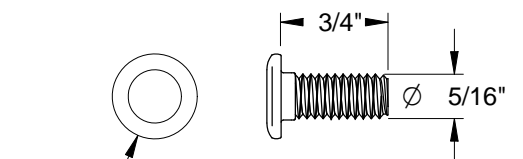
Top Fixture
.086 Galv. Steel



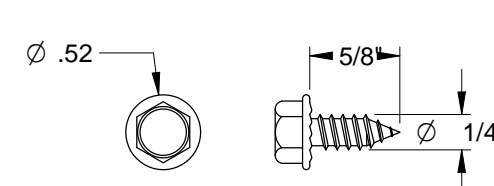
Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



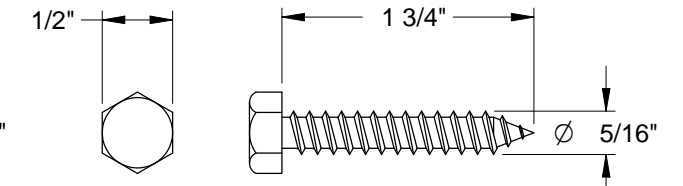
Retaining Nut



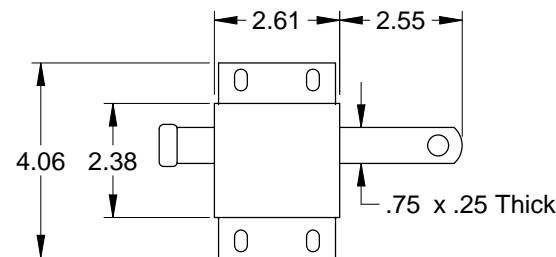
Track Bolt



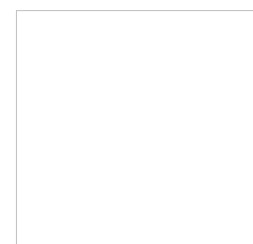
Sheet Metal Screw




Hex Head Lag Screw



Slide Lock
Case .086 Galv. Steel



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