

Doors tested per ANSI/DASMA 108 for static air pressure

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
12'-0"	5	3	24.4 -30.3	5	2	24.4 -30.3	5	2	24.4 -30.3
14'-0"	6	4	21.0 -25.9	5	2	21.0 -25.9	5	2	21.0 -25.9
16'-0"	7	3	18.4 -22.7	7	3	18.4 -22.7	7	3	18.4 -22.7

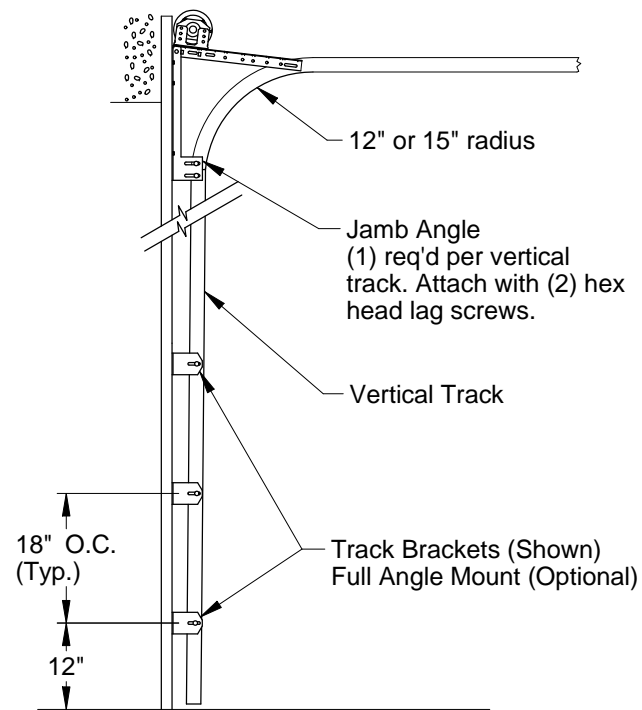
John E. Scates
 2560 King Arthur Blvd, Ste 124-54
 Lewisville, TX 75056
 FL PE #51737
 TX PE #56308-12203

Rev.	Description	ECO	Date
B	Removed vent option on sheet 1.	7679.02	12/09/19
A	New release for production.	7679.01	01/08/19

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 01/08/19
ECO: 7679.01

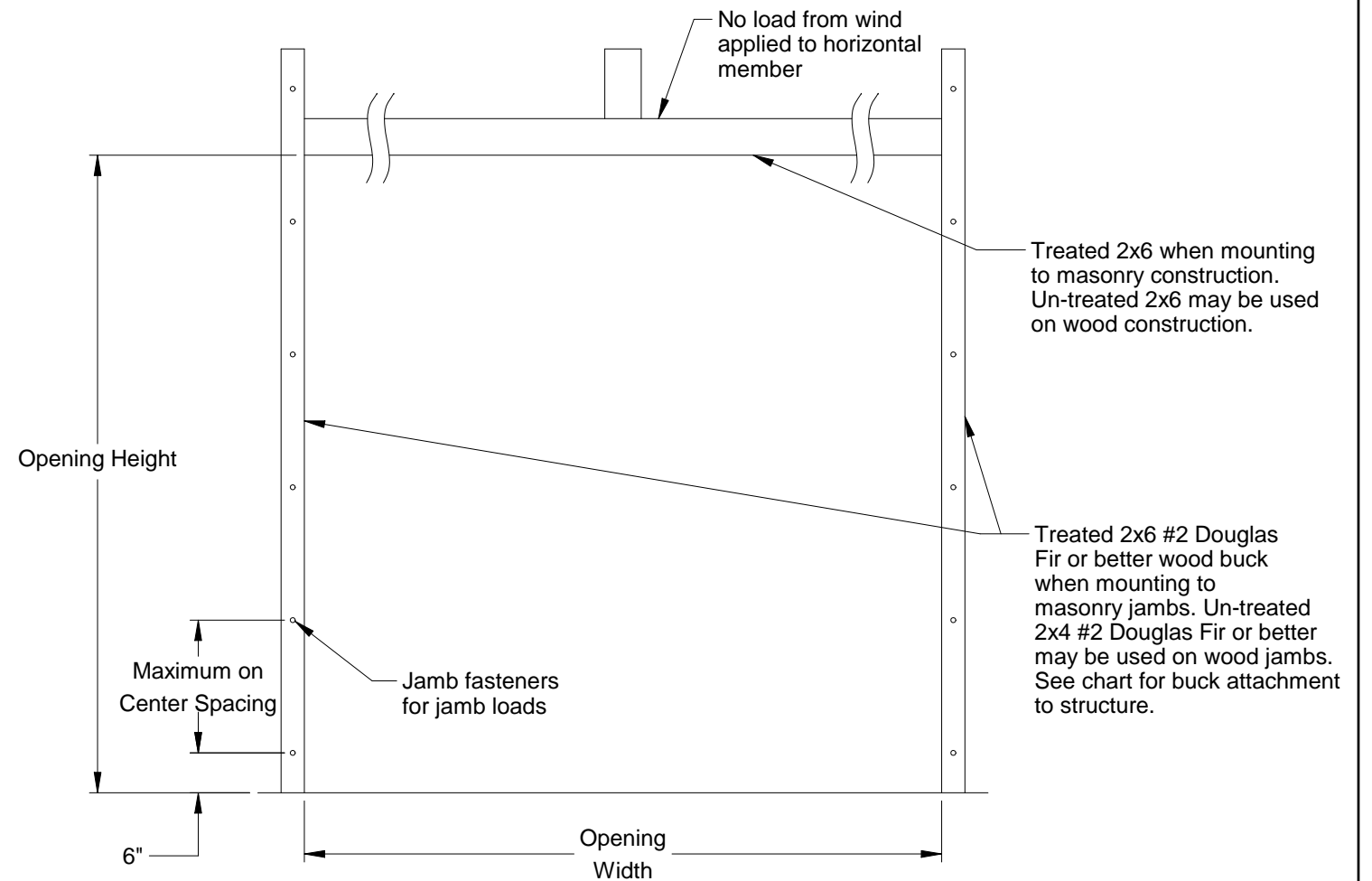


Title: Spec, Wind Load BuildMark / TradeMark	
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Rev B	



Typical Track Installation

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

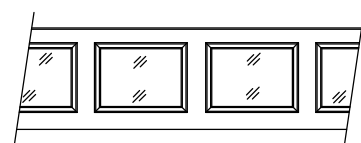


Jamb Attachment Notes:

1. Maximum Positive Load per Jamb = (16'-0" x 18.4 PSF) / 2 = 148 lbs. per foot.
2. Maximum Negative Load per Jamb = (16'-0" x -22.7 PSF) / 2 = 182 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.

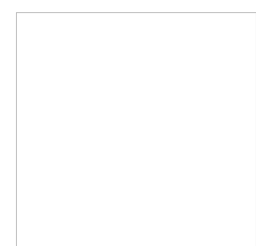
2x6 Attachment to Structure

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"	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 Options

Colonial windows
 1/8" DSB - Clear, Obscure, Satin
 1/8" Tempered - Clear, Obscure, Satin



John E. Scates
 2560 King Arthur Blvd, Ste 124-54
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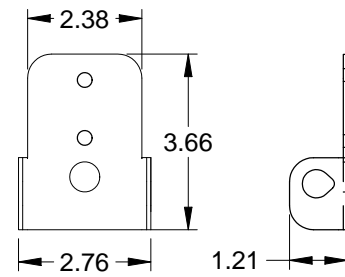
1101 East River Road
 Dixon, IL 61021

Title: Spec, Wind Load
 BuildMark / TradeMark

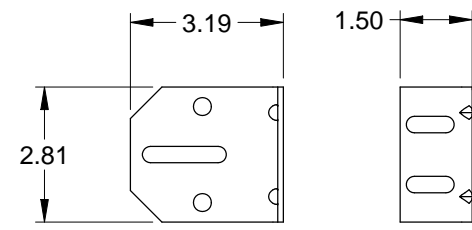
No. P-2804

Sheet 2

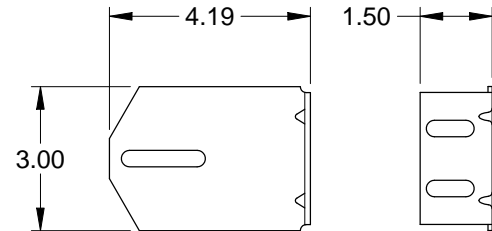
Rev B



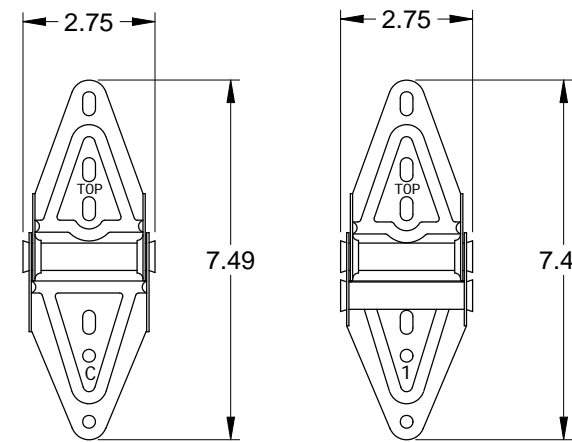
Roller Carrier
.086 Galv. Steel



3" Track Bracket
.116 Galv. Steel

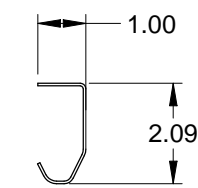


4" Track Bracket
.116 Galv. Steel

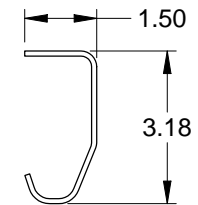


Center Hinge
.045 Galv. Steel

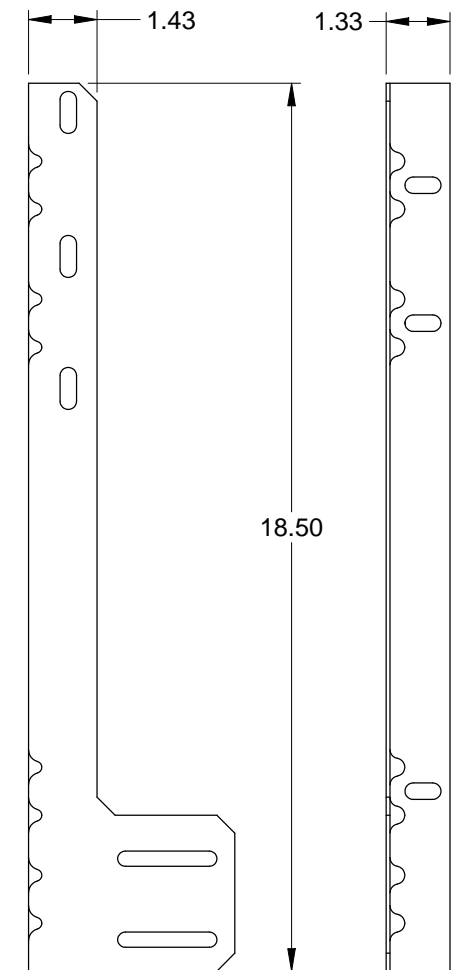
Edge Hinge
.086 Galv. Steel



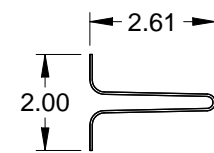
2" Track
.055 Galv. Steel



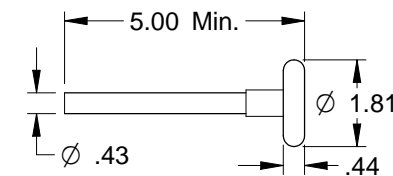
3" Track (Optional)
.105 Galv. Steel



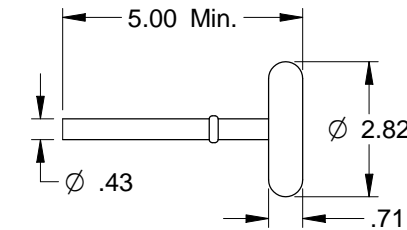
Jamb Angle
.078 Galv. Steel



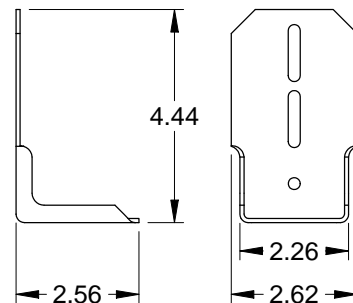
Steel U-Bar
18 Ga. (.049" min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



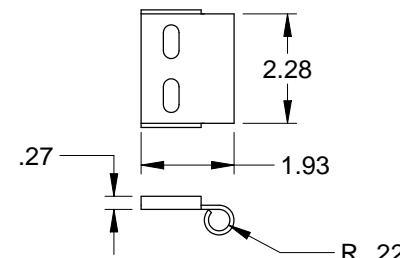
2" Roller
Nylon 11-ball (Std.)
Steel 10-ball (Opt.)



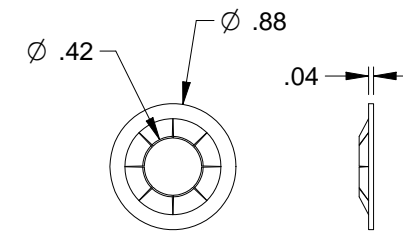
3" Roller
Steel 10-ball (Opt.)



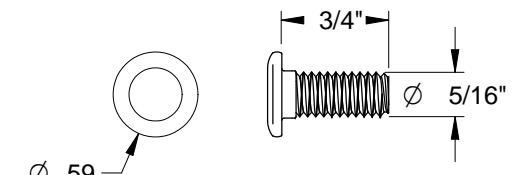
Top Fixture
.086 Galv. Steel



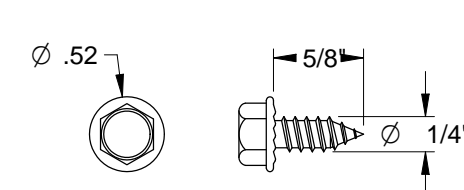
Roller Carrier
.086 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



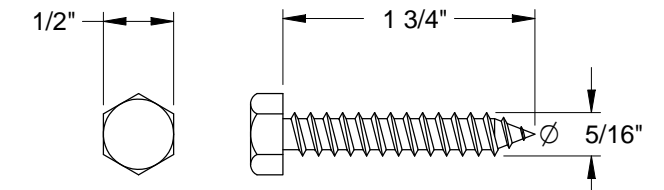
Retaining Nut



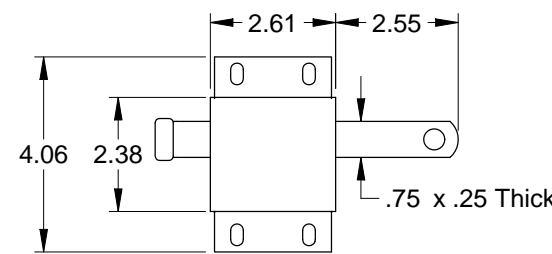
Track Bolt



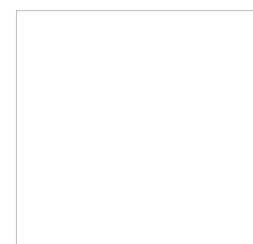
Sheet Metal Screw




Hex Head Lag Screw



Slide Lock
Case .086 Galv. Steel



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Scale: None	 1101 East River Road Dixon, IL 61021	Title: Spec, Wind Load BuildMark / TradeMark	
Drawn by: R. Frey		No. P-2804	Sheet 3
Checked by: G. Wedekind			Rev B
Date: 01/08/19			
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