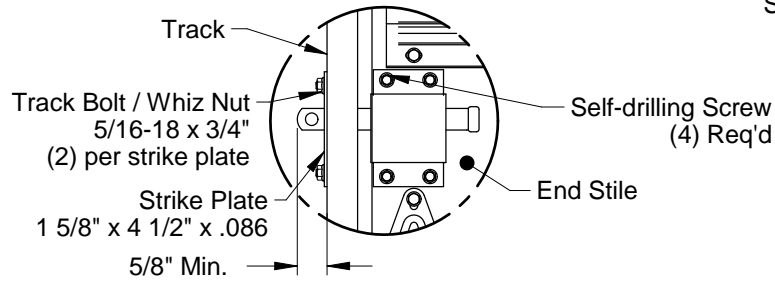
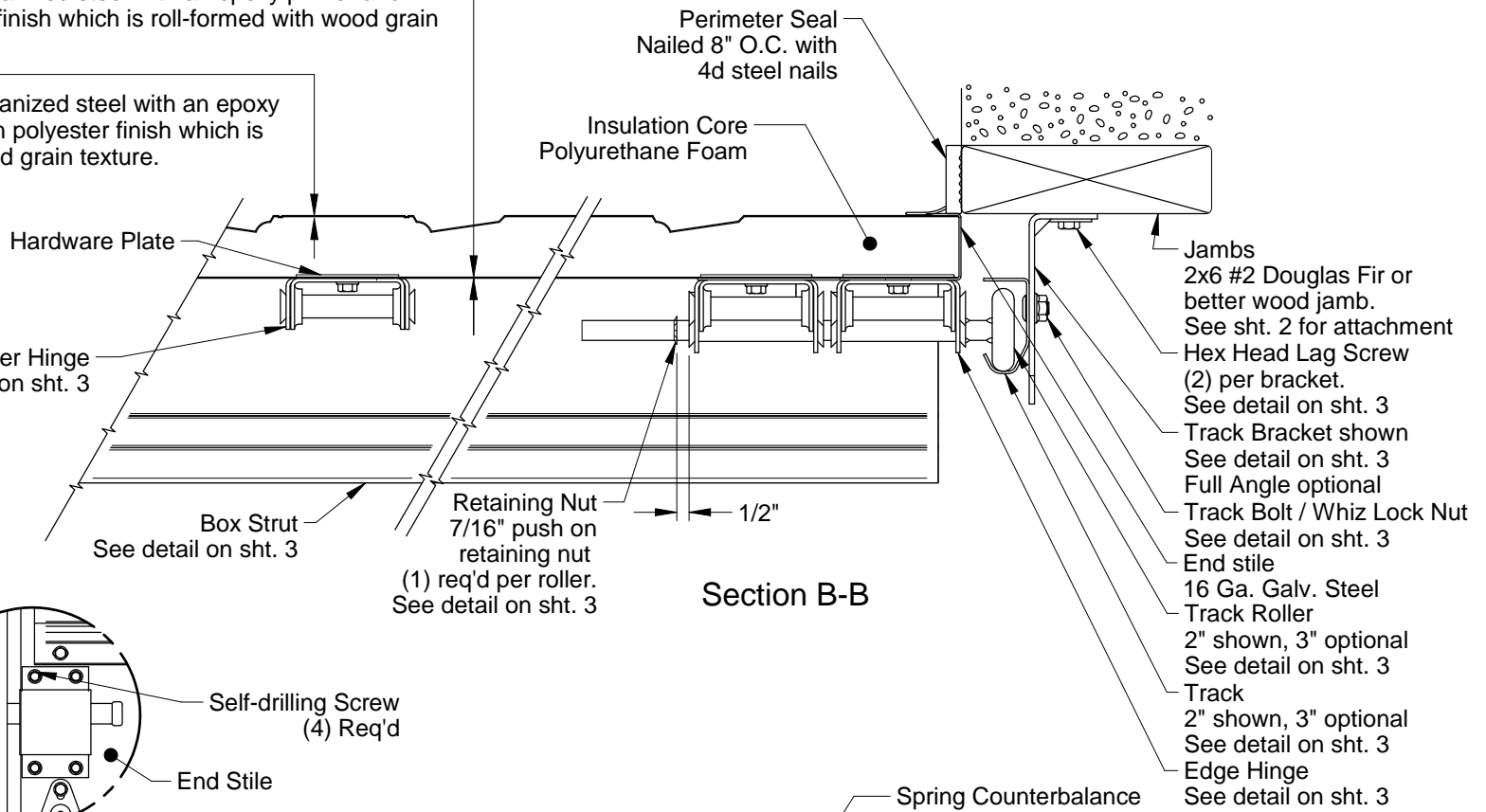


Doors tested per ANSI/DASMA 108 for static air pressure and ANSI/DASMA 115 for large missile impact and cyclic wind pressure

Interior Skin
 .013 thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with wood grain texture.

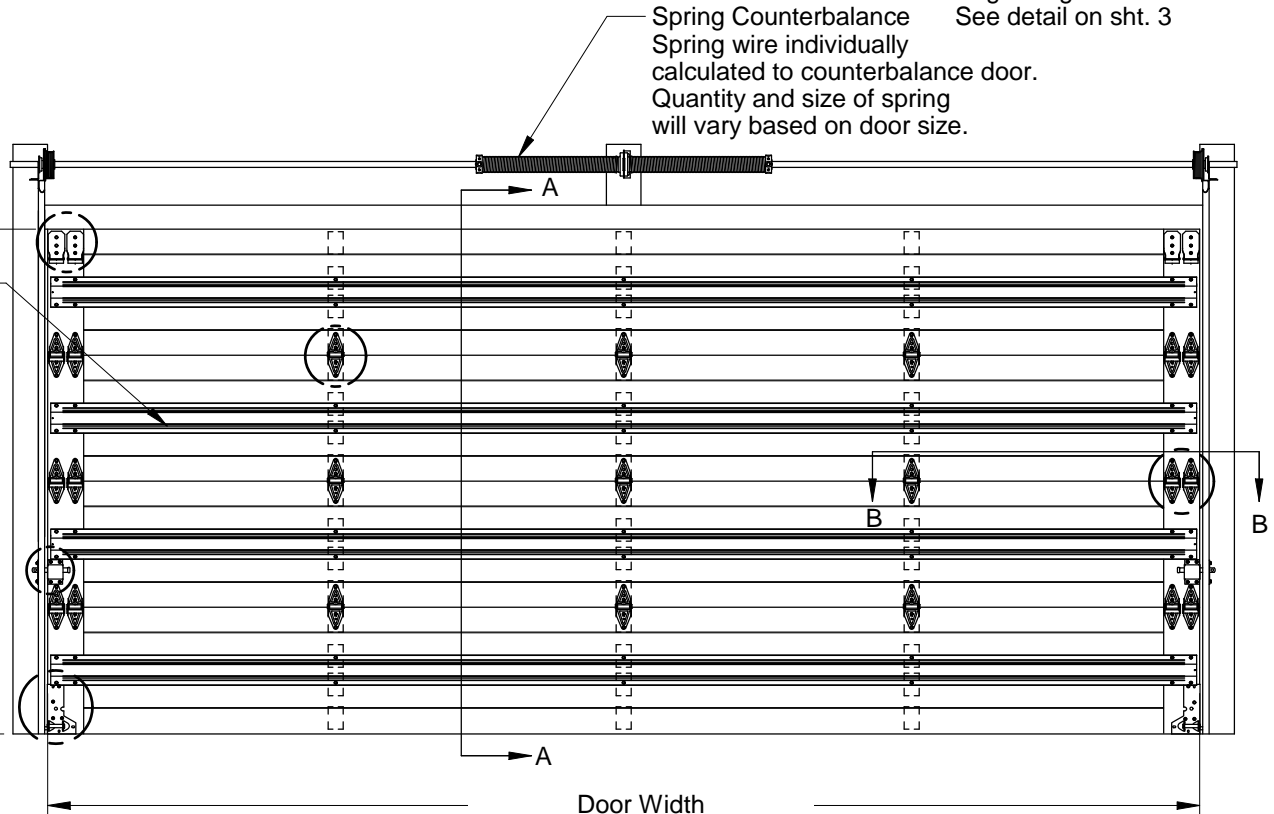
Exterior Skin
 .014 thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with wood grain texture.



Optional Interior Lock Attachment

Steel Reinforcement
 (1) Box strut per section, fastened to all center and end stiles using (2) self-drilling screws at each center stile and (4) at each end stile.

Locks required on doors not electrically operated.



AP138 / AP138C										
Max. Door Width	Colonial		Ranch		Carriage House					
	Hinges per Section	Design Loads	Hinges per Section	Design Loads	Hinges per Section	Design Loads	Hinges per Section	Design Loads		
8'-0"	1	66.3 -73.0	1	66.3 -73.0	1	66.3 -73.0	1	66.3 -73.0		
9'-0"	1	66.3 -73.0	1	66.3 -73.0	1	66.3 -73.0	1	66.3 -73.0		
10'-0"	2	51.5 -60.6	1	51.5 -60.6	1	51.5 -60.6	1	51.5 -60.6		
12'-0"	2	51.5 -60.6	2	51.5 -60.6	2	51.5 -60.6	2	51.5 -60.6		
14'-0"	4	37.0 -45.0	2	37.0 -45.0	2	37.0 -45.0	2	37.0 -45.0		
16'-0"	3	37.0 -45.0	3	37.0 -45.0	3	37.0 -45.0	3	37.0 -45.0		
18'-0"	3	33.4 -36.7	3	33.4 -36.7	3	33.4 -36.7	3	N/A N/A		
20'-0"	5	33.4 -36.7	4	33.4 -36.7	3	33.4 -36.7	3	N/A N/A		

AP200 / AP200C										
Max. Door Width	Colonial		Ranch		Carriage House					
	Hinges per Section	Design Loads	Hinges per Section	Design Loads	Hinges per Section	Design Loads	Hinges per Section	Design Loads		
8'-0"	1	73.5 -80.0	1	73.5 -80.0	1	73.5 -80.0	1	73.5 -80.0		
9'-0"	1	73.5 -80.0	1	73.5 -80.0	1	73.5 -80.0	1	73.5 -80.0		
10'-0"	2	56.5 -65.5	1	56.5 -65.5	1	56.5 -65.5	1	56.5 -65.5		
12'-0"	2	56.5 -65.5	2	56.5 -65.5	2	56.5 -65.5	2	56.5 -65.5		
14'-0"	4	45.0 -52.0	2	45.0 -52.0	2	45.0 -52.0	2	45.0 -52.0		
16'-0"	3	45.0 -52.0	3	45.0 -52.0	3	45.0 -52.0	3	45.0 -52.0		
18'-0"	3	33.4 -36.7	3	33.4 -36.7	3	33.4 -36.7	3	N/A N/A		
20'-0"	5	33.4 -36.7	4	33.4 -36.7	3	33.4 -36.7	3	N/A N/A		

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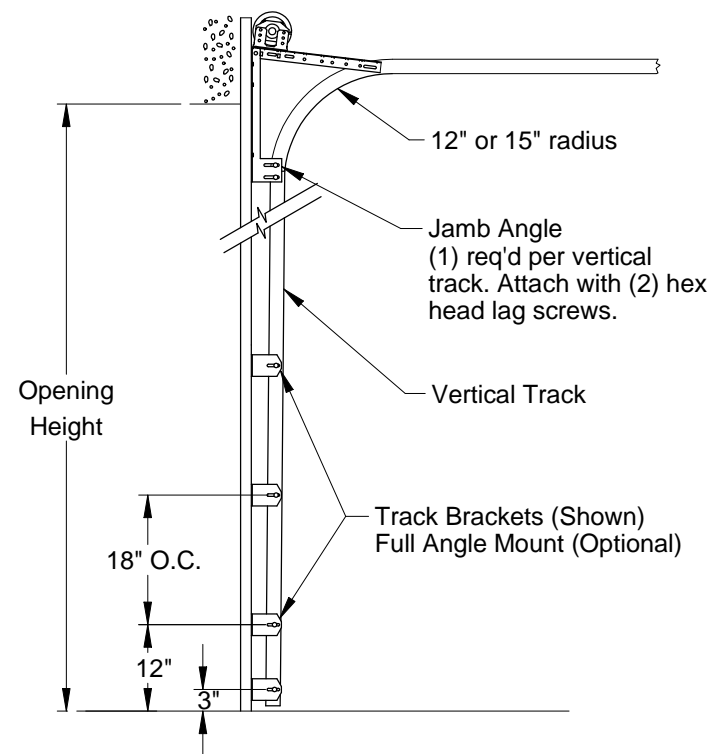
Rev.	Description	ECO	Date	ECO: 7679.01
B	Removed vent option on sheet 1.	7679.04	12/09/19	Checked by: G. Wedekind
A	New release for production.	7679.01	02/15/19	Date: 02/15/19

Scale: None
 Drawn by: R. Frey
 Checked by: G. Wedekind
 Date: 02/15/19
 ECO: 7679.01

RAYNOR
 1101 East River Road
 Dixon, IL 61021

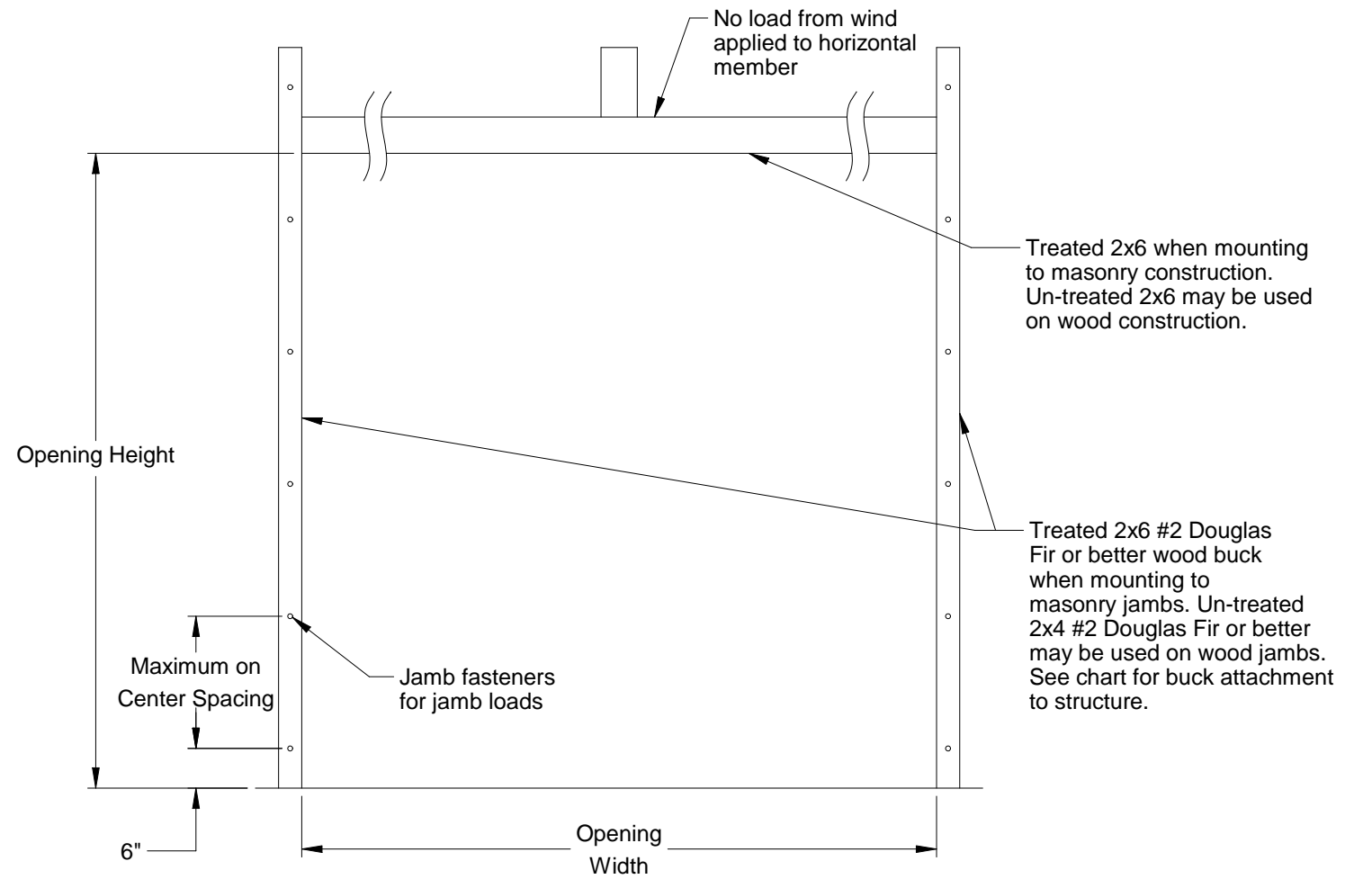
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No. **P-2902** Sheet 1 of 3 Rev **B**



Typical Track Installation

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

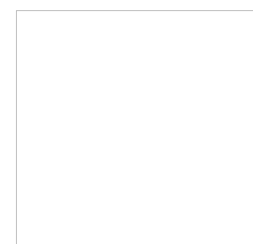


Jamb Attachment Notes:


1. Maximum Positive Load per Jamb = (16'-0" x 45.0 PSF) / 2 = 360 lbs. per foot.
2. Maximum Negative Load per Jamb = (16'-0" x -52.0 PSF) / 2 = 416 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.

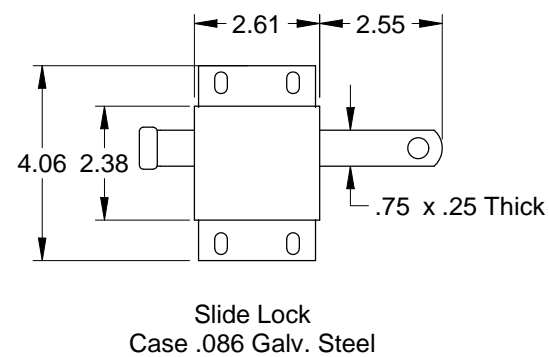
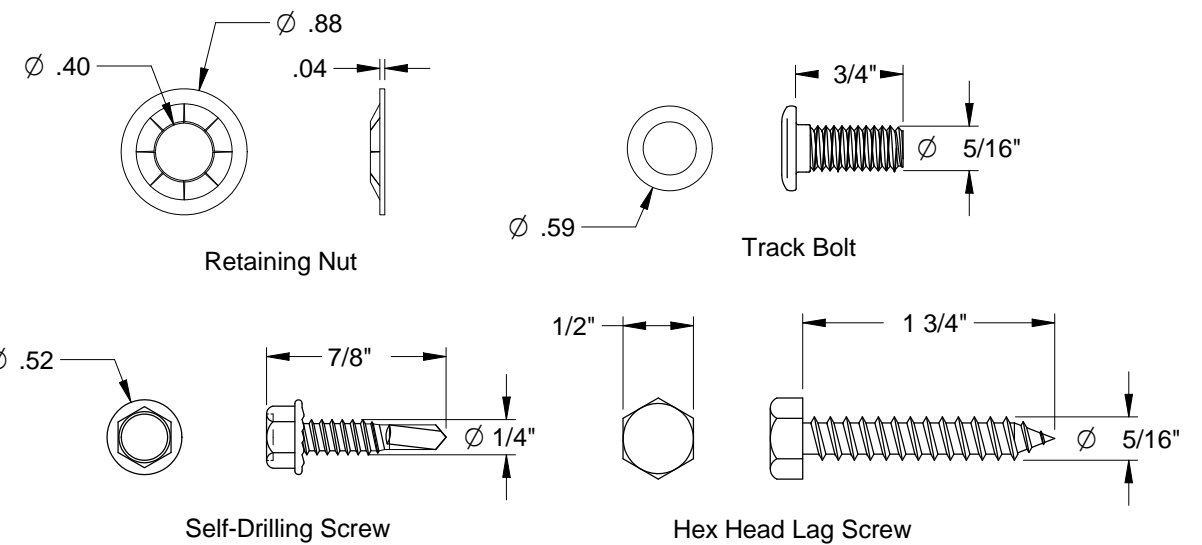
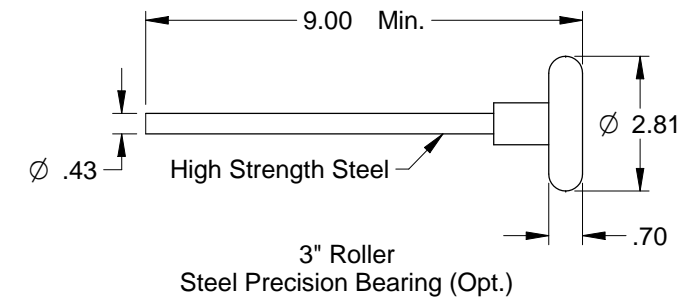
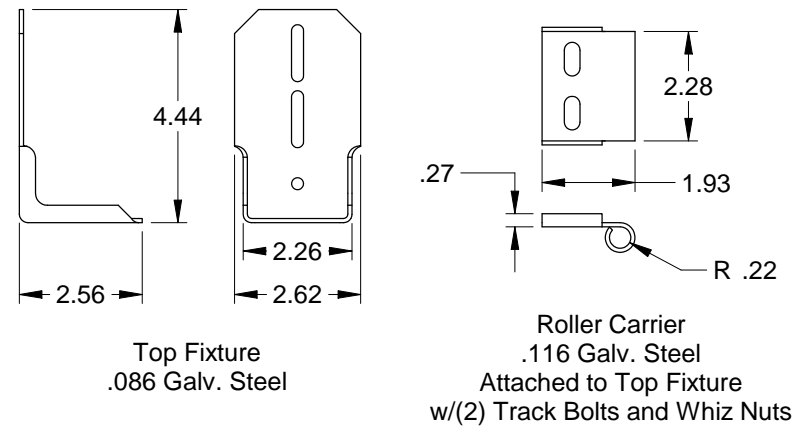
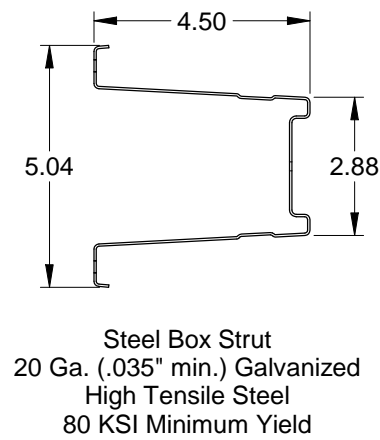
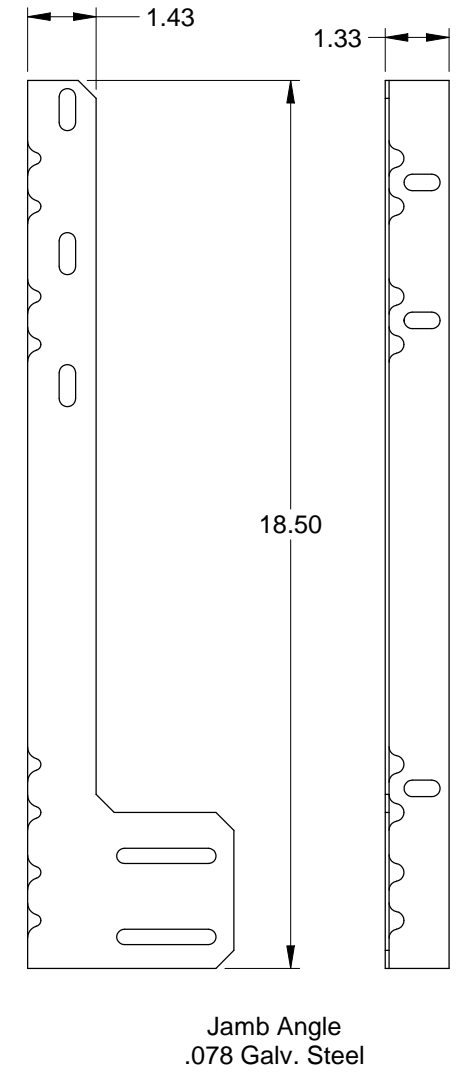
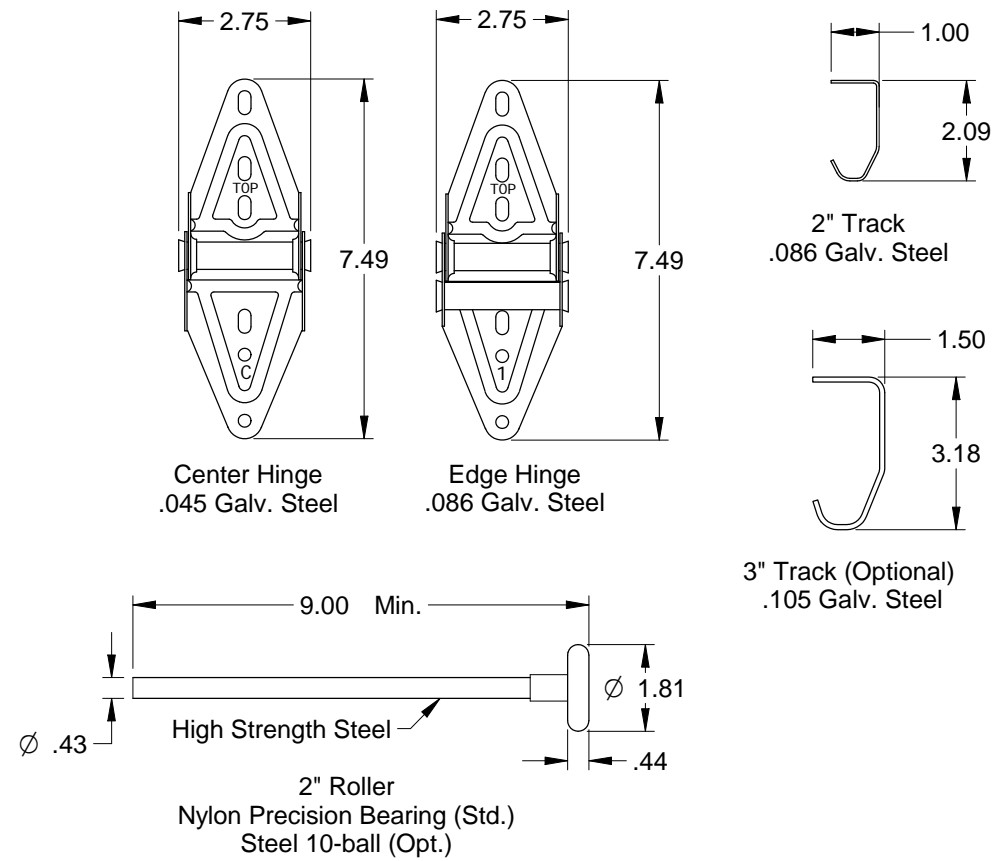
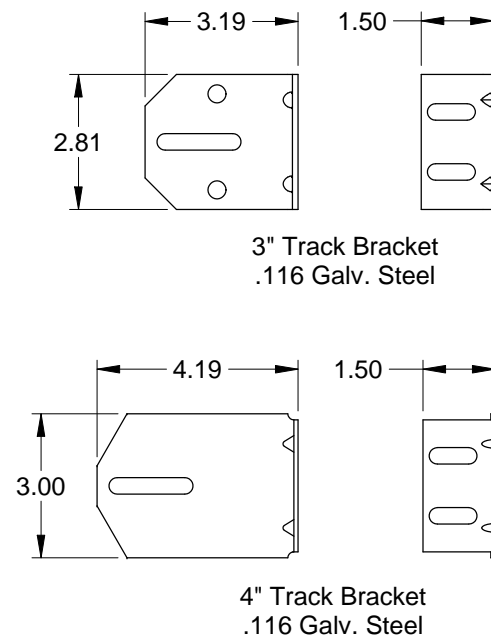
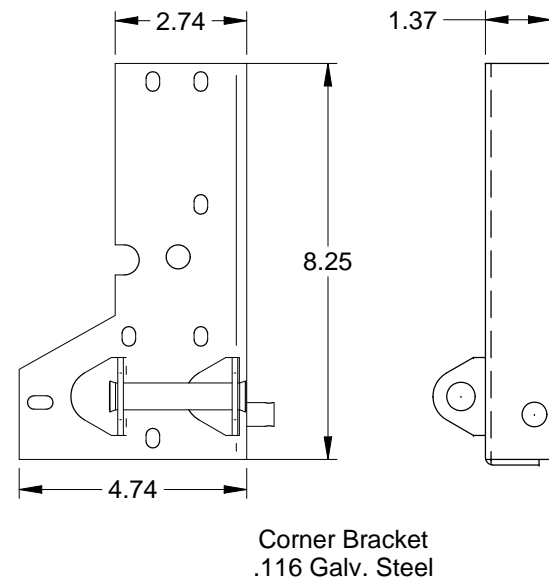
2x6 Attachment to Structure

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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Drawn by: R. Frey		No. P-2902	Sheet 2
Checked by: G. Wedekind			
Date: 02/15/19			
ECO: 7679.01			



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No. P-2902	Sheet 3	Rev B