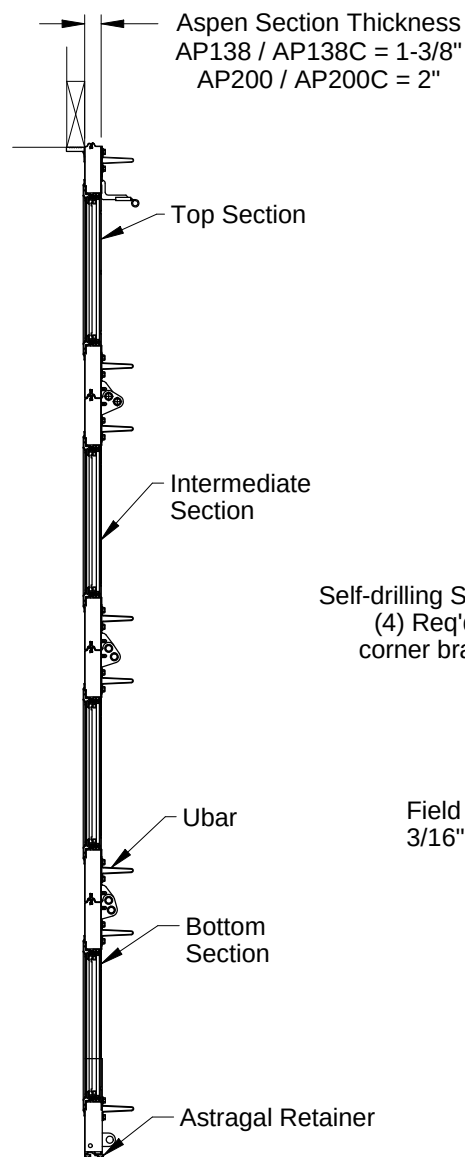
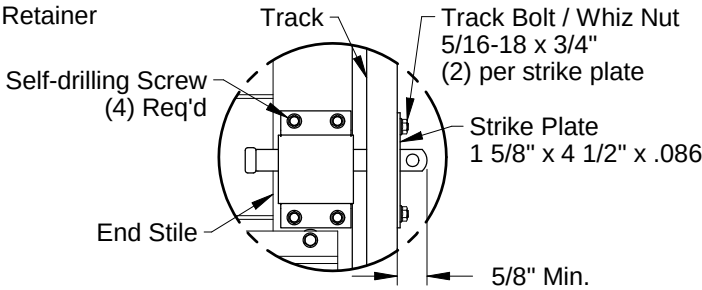
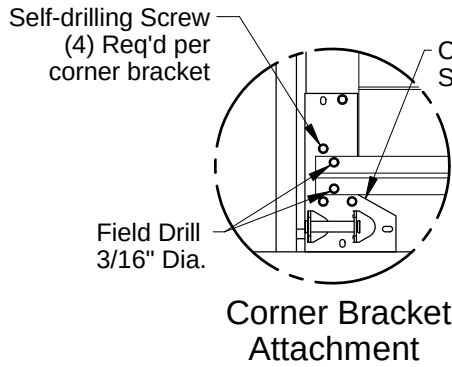


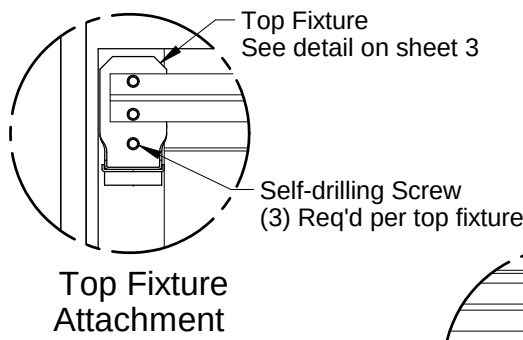


Section A-A

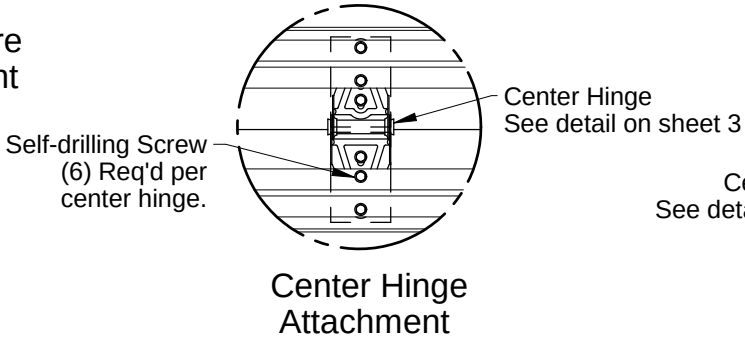


Optional Interior Lock Attachment

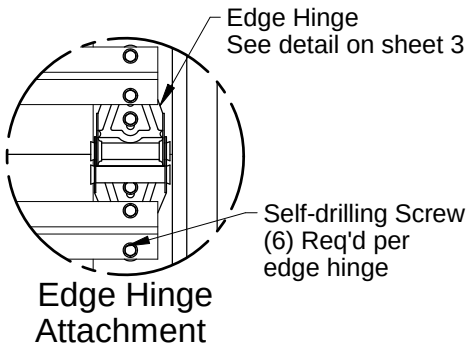
Doors tested per ANSI/DASMA 108 for static air pressure and ANSI/DASMA 115 for large missile impact and cyclic wind pressure



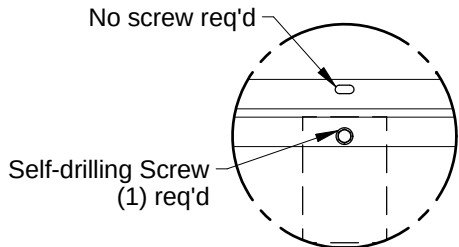
Top Fixture Attachment



Center Hinge Attachment

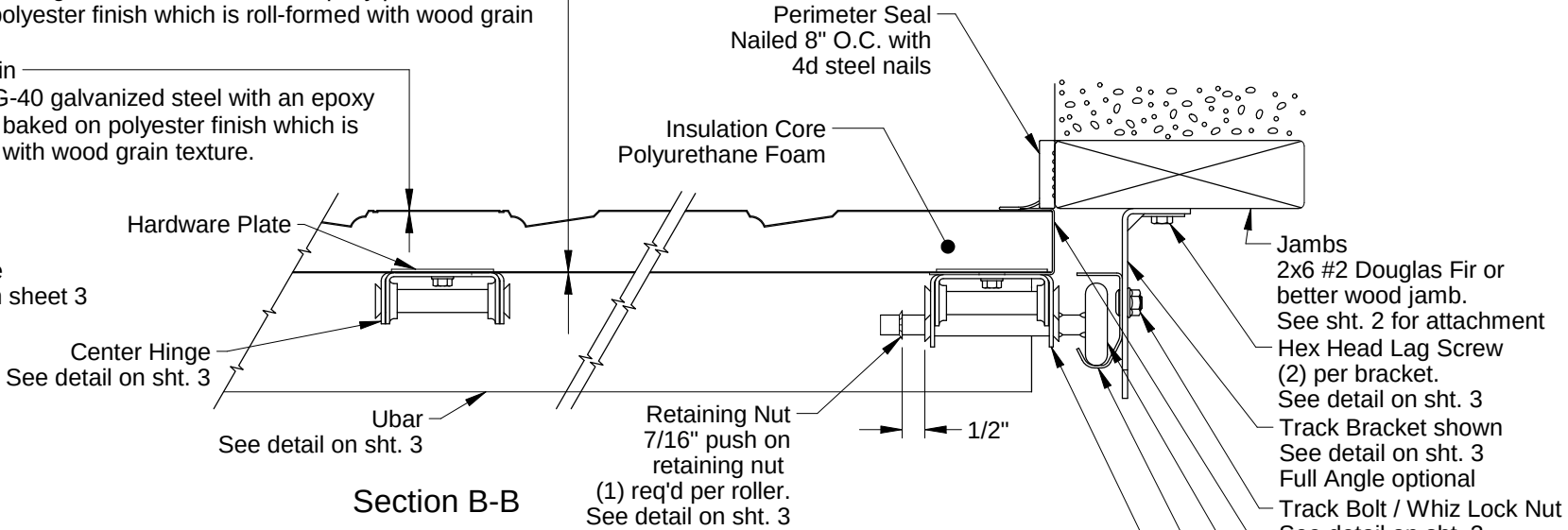


Edge Hinge Attachment

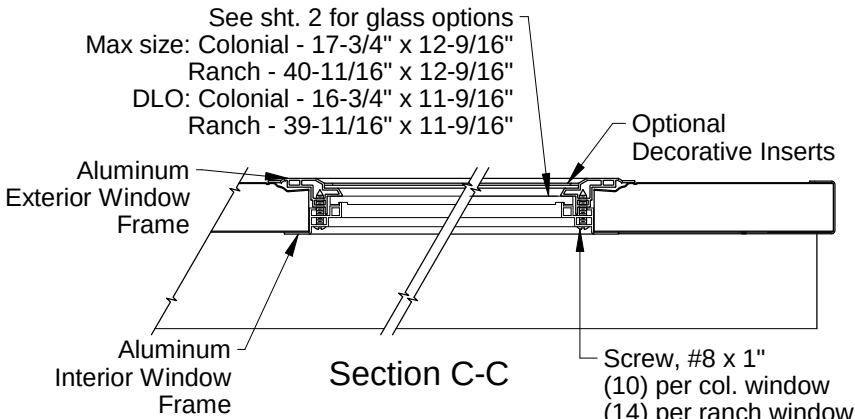


Bottom Section Ubar Attachment

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.



Section B-B



Section C-C

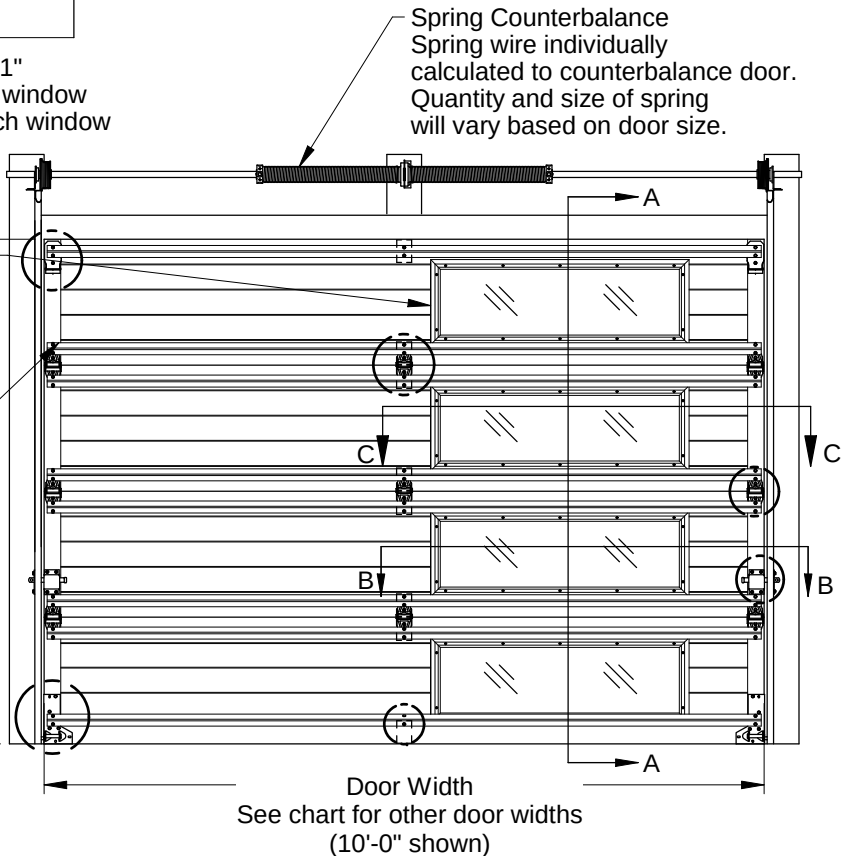
Door Height
7'- 0" High shown
Other door heights available up to 18'-0" using 18", 21" or 24" high sections

Windows (Optional)
See options on sht. 2
One vertical row available on left or right side of door. (Right shown)

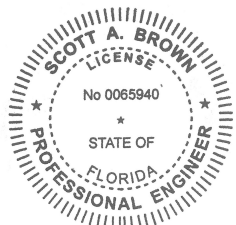
Steel Reinforcement
(2) U-bar per section fastened to all center and end stiles using (2) self-drilling screws at each stile.

Locks required on doors not electrically operated.

Vents (Optional)
Vent openings may be located in bottom section as allowed by local code



Interior Elevation



Scott A. Brown, P.E. Lic. No. 65940
Wendler Engineering Services, Inc.
698 Timber Creek Road, Dixon, IL 61021
FBPE CA Lic. No. 31544
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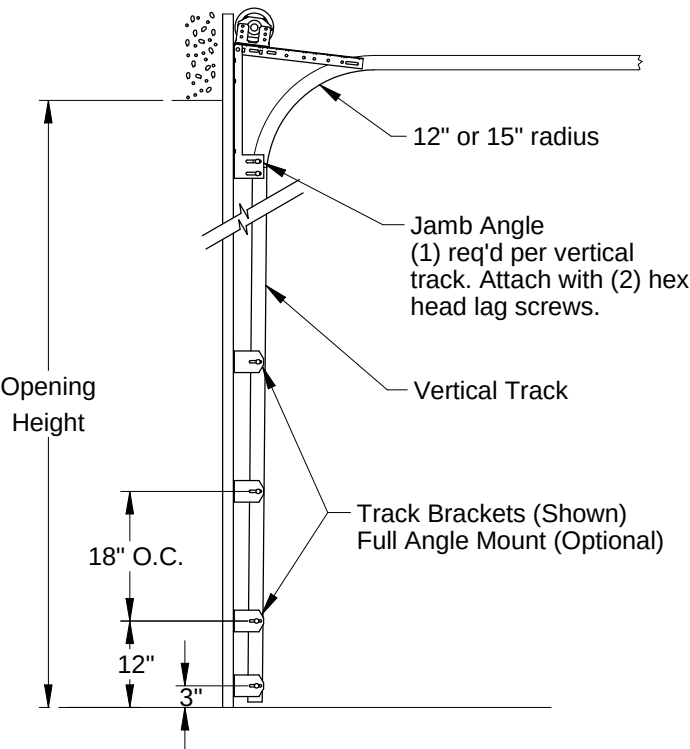
AP138 / AP138C / AP200 / AP200C									
Max. Door Width	Colonial		Ranch		Carriage House		Hinges per Section	Design Loads	
	Hinges per Section	Design Loads	Hinges per Section	Design Loads	Hinges per Section	Design Loads		Design Loads	Design Loads
8'-0"	1	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	50.0 -55.0
9'-0"	1	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	50.0 -55.0
10'-0"	2	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	1	50.0 -55.0	50.0 -55.0
12'-0"	2	20.4 -22.7	2	20.4 -22.7	2	20.4 -22.7	2	20.4 -22.7	20.4 -22.7
14'-0"	4	20.4 -22.7	2	20.4 -22.7	2	20.4 -22.7	2	20.4 -22.7	20.4 -22.7
16'-0"	3	20.4 -22.7	3	20.4 -22.7	3	20.4 -22.7	3	20.4 -22.7	20.4 -22.7

Rev.	A	New release for production.	8125.01	04/03/19
		Description	ECO	Date

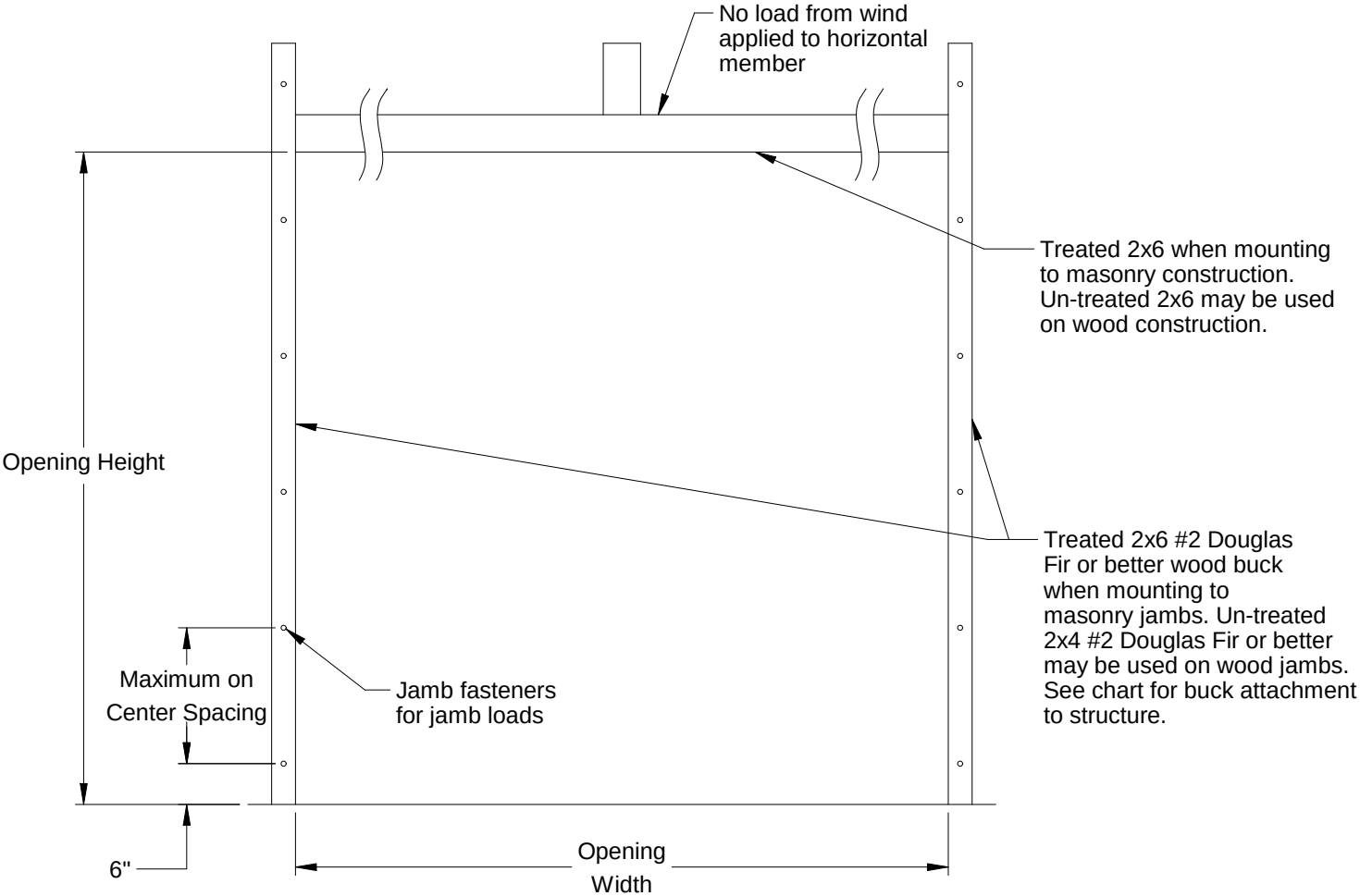
Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 04/03/19
ECO: 8125.01

1101 East River Road Dixon, IL. 61021

Title: Spec, Wind Load Aspen Series			
No.	P-3346	Sheet 1 of 3	Rev A

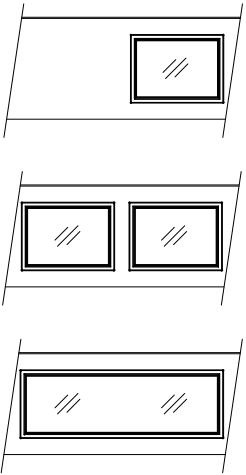


Typical Track Installation
Normal headroom track shown, low headroom, lift clearance and verical lift track available



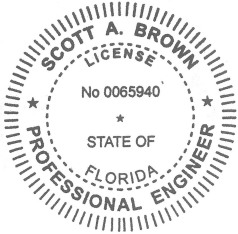
Jamb Attachment Notes:

- 1. Maximum Positive Load per Jamb = (10'-0" x 50.0 PSF) / 2 = 250 lbs. per foot.
- 2. Maximum Negative Load per Jamb = (10'-0" x -55.0 PSF) / 2 = 275 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.



- (1) Colonial window per section:
1/4" Polycarbonate
- (2) Colonial windows per section:
1/4" Polycarbonate
- (1) Ranch window per section:
1/4" Polycarbonate

Window Options



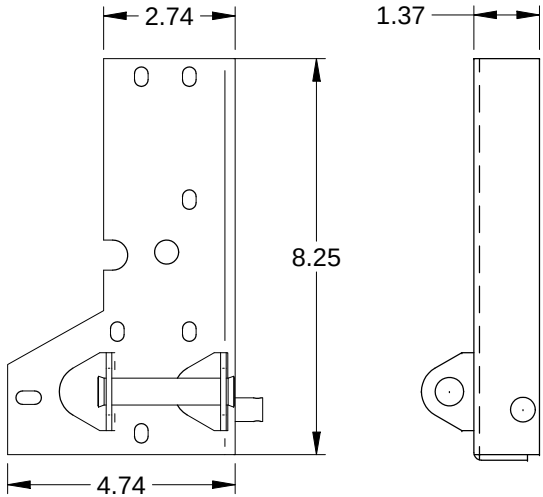
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Wendler Engineering Services, Inc.
698 Timber Creek Road, Dixon, IL 61021
FBPE CA Lic. No. 31544
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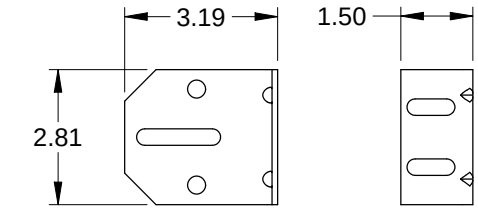
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2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	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"	23"	482

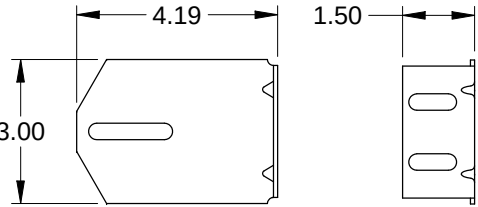
Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load Aspen Series		
Drawn by: R. Frey		No. P-3346	Sheet 2	Rev A
Checked by: G. Wedekind				
Date: 04/03/19				
ECO: 8125.01				



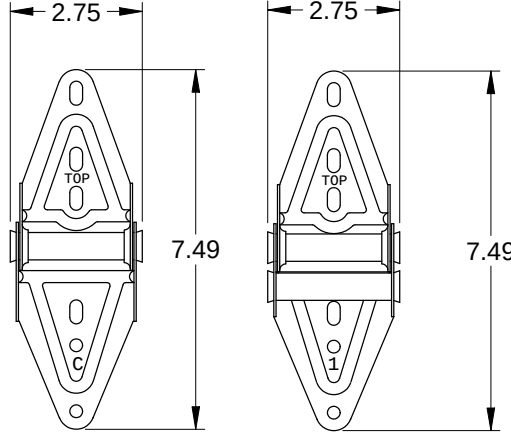
Corner Bracket
.116 Galv. Steel



3" Track Bracket
.116 Galv. Steel

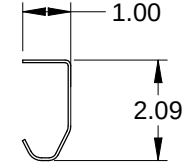


4" Track Bracket
.116 Galv. Steel

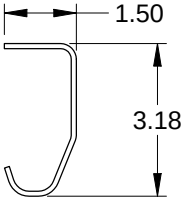


Center Hinge
.045 Galv. Steel

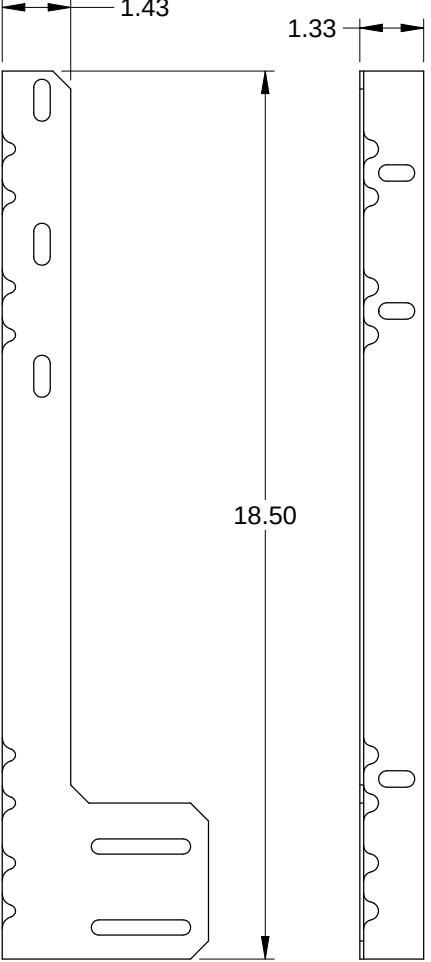
Edge Hinge
.086 Galv. Steel



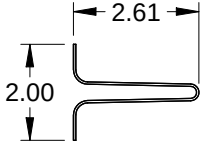
2" Track
.086 Galv. Steel



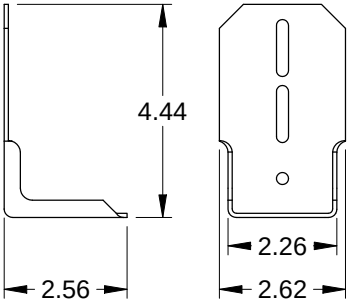
3" Track (Optional)
.105 Galv. Steel



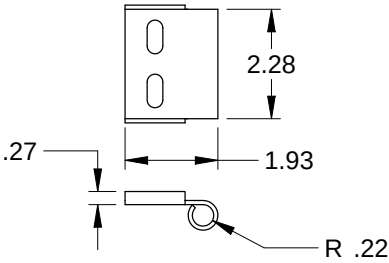
Jamb Angle
.078 Galv. Steel



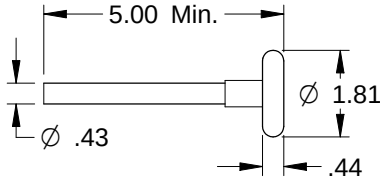
Steel U-bar
18 Ga. (.049 min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



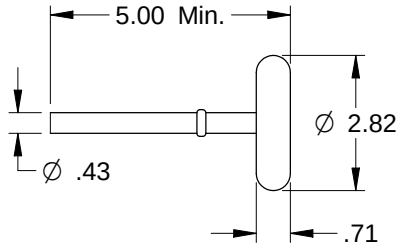
Top Fixture
.086 Galv. Steel



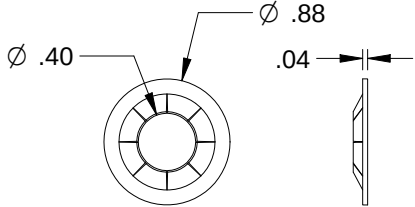
Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



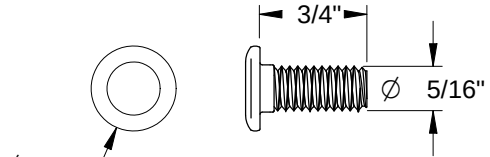
Nylon 11-ball Track Roller (Std.)
Steel 10-ball Track Roller (Opt.)



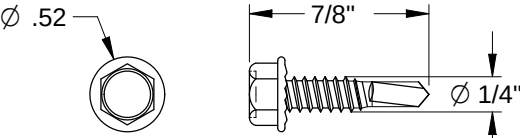
Steel 10-ball Track Roller (Opt.)



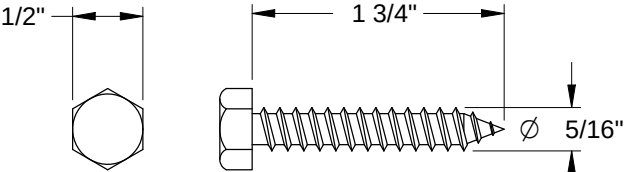
Retaining Nut



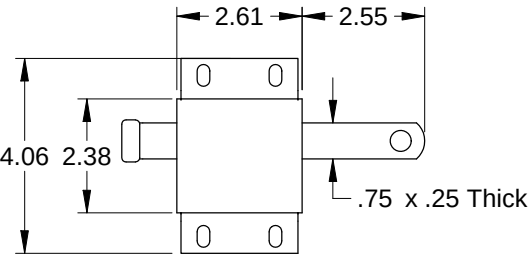
Track Bolt



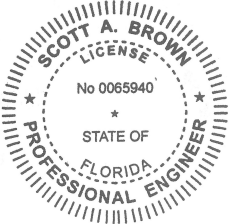
Self-Drilling Screw



Hex Head Lag Screw



Slide Lock
Case .086 Galv. Steel



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Wendler Engineering Services, Inc.
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		Sheet 3	Rev A	