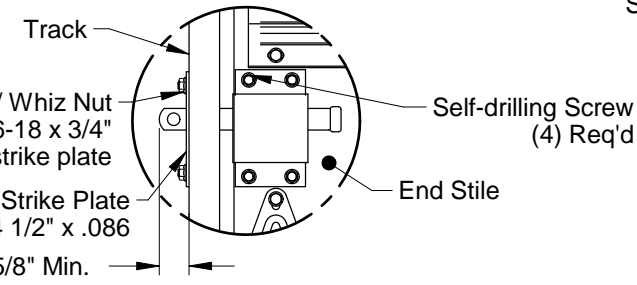
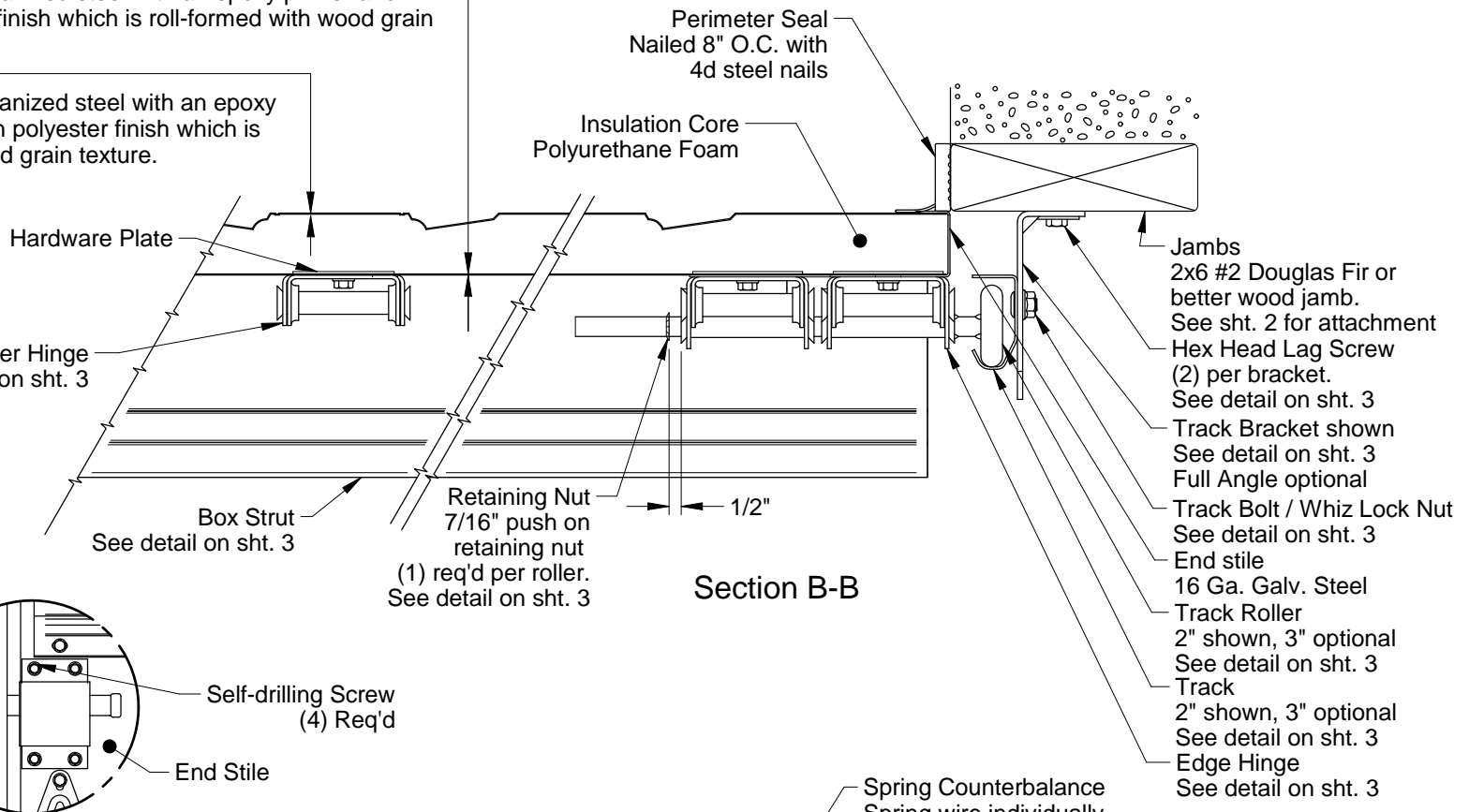


Interior Skin
 .013 thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with wood grain texture.

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.



Doors tested per ANSI/DASMA 108 for static air pressure

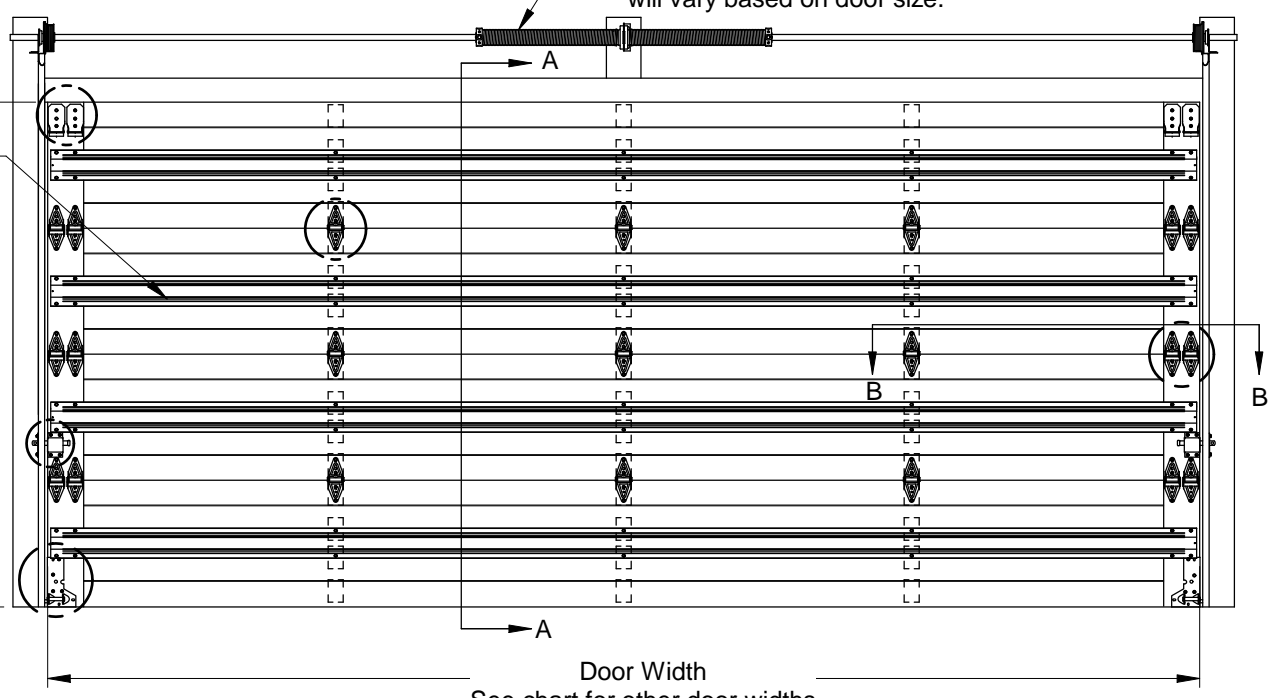
| AP138 / AP138C | | | | | | | | | | |
|-----------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--|--|
| Max. Door Width | Colonial | | Ranch | | Carriage House | | | | | |
| | Hinges per Section | Design Loads | Hinges per Section | Design Loads | Hinges per Section | Design Loads | Hinges per Section | Design Loads | | |
| 8'-0" | 1 | 74.6 -82.1 | 1 | 74.6 -82.1 | 1 | 74.6 -82.1 | 1 | 74.6 -82.1 | | |
| 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 | 61.8 -72.7 | 1 | N/A | 1 | N/A | 1 | N/A | | |
| 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 | 42.3 -51.4 | 2 | N/A | 2 | N/A | 2 | N/A | | |
| 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 | 29.2 -35.6 | 3 | 29.2 -35.6 | 3 | 29.2 -35.6 | 3 | 29.2 -35.6 | | |
| 20'-0" | 5 | 33.4 -36.7 | 4 | 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 | 82.7 -90.0 | 1 | 82.7 -90.0 | 1 | 82.7 -90.0 | 1 | 82.7 -90.0 | | |
| 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 | 67.8 -78.6 | 1 | N/A | 1 | N/A | 1 | N/A | | |
| 12'-0" | 2 | 45.0 -52.0 | 2 | 45.0 -52.0 | 2 | 45.0 -52.0 | 2 | 45.0 -52.0 | | |
| 14'-0" | 4 | 51.4 -59.4 | 2 | N/A | 2 | N/A | 2 | N/A | | |
| 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 | 35.6 -41.1 | 3 | 35.6 -41.1 | 3 | 35.6 -41.1 | 3 | 35.6 -41.1 | | |
| 20'-0" | 5 | 33.4 -36.7 | 4 | 33.4 -36.7 | 3 | N/A | N/A | | | |

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

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.

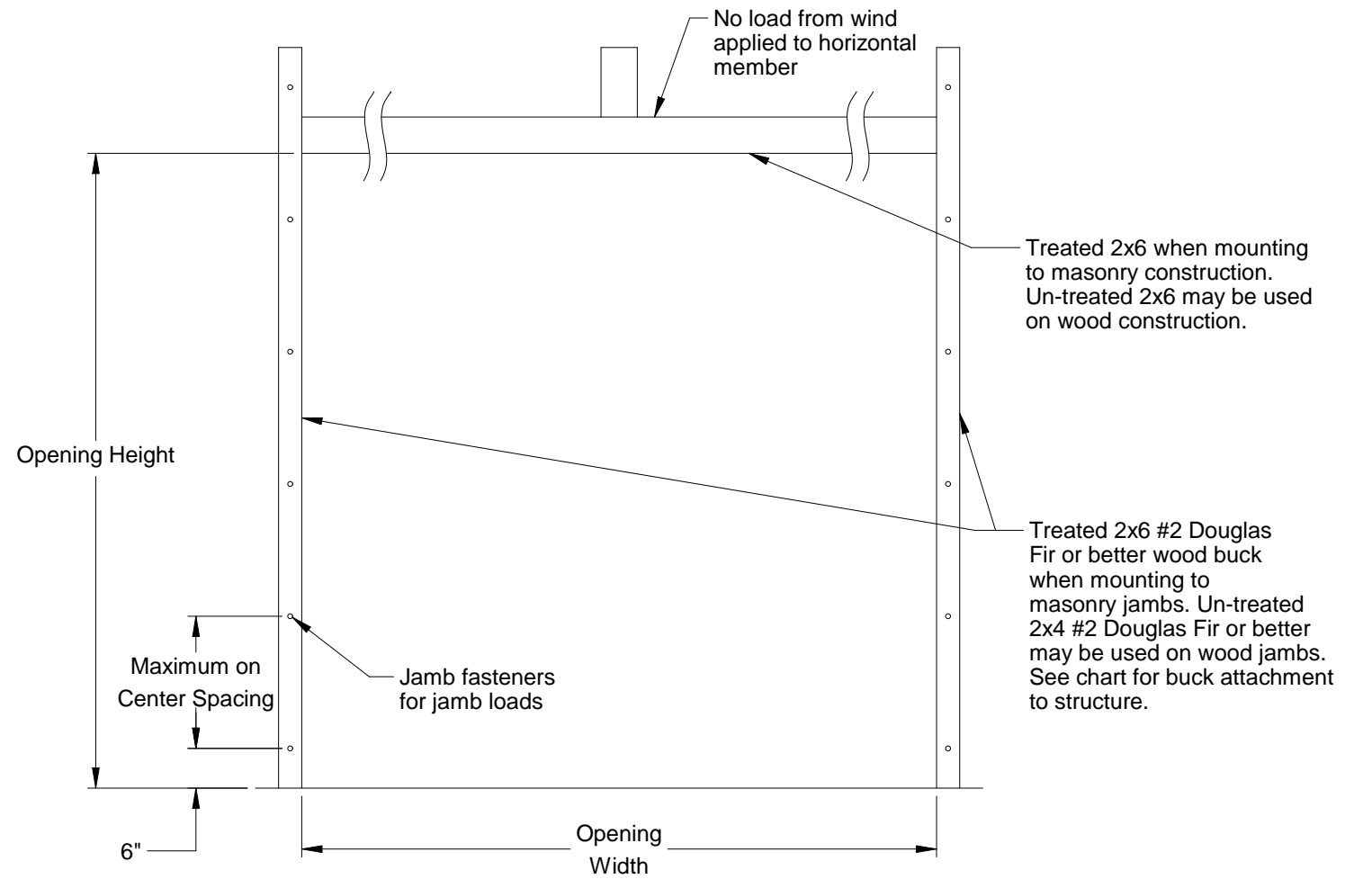
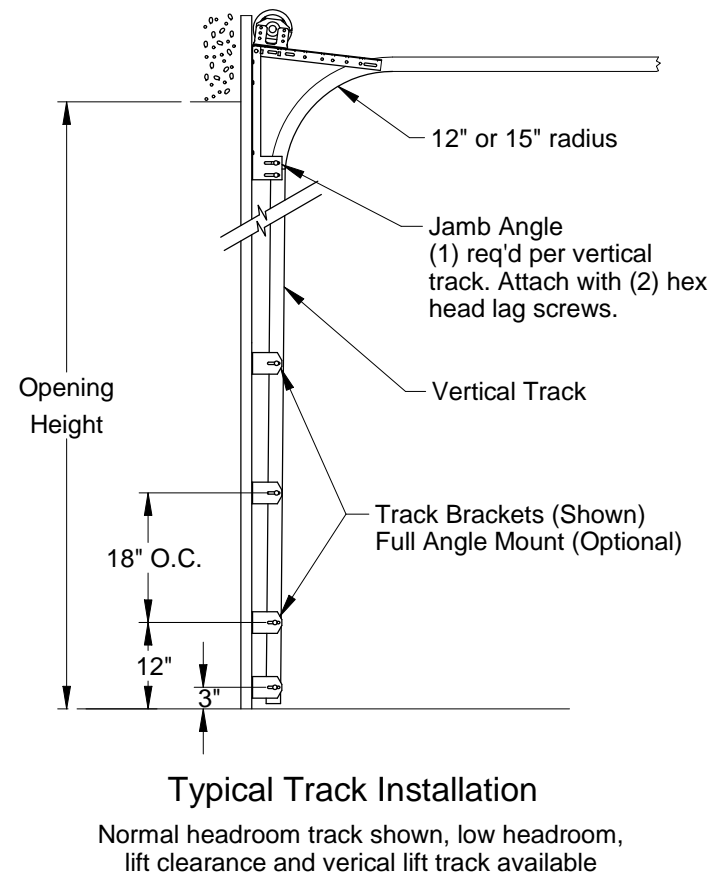


Interior Elevation
 Door Width
 See chart for other door widths (16'-0" shown)

John E. Scates
 2560 King Arthur Blvd, Ste 124-54
 Lewisville, TX 75056
 FL PE #51737
 TX PE #56308-f2203

| Rev. | Description | ECO | Date | ECO: 7679.01 |
|------|---------------------------------|---------|----------|-------------------------|
| B | Removed vent option on sheet 1. | 7679.02 | 12/09/19 | Checked by: G. Wedekind |
| A | New release for production. | 7679.01 | 01/08/19 | Date: 01/08/19 |

| | | | |
|---|--|-------------------------------------|--------------|
| Scale: None | | Title: Spec, Wind Load Aspen Series | |
| Drawn by: R. Frey | | No. P-2802 | Sheet 1 of 3 |
| 1101 East River Road Dixon, IL 61021 | | | |




Jamb Attachment Notes:

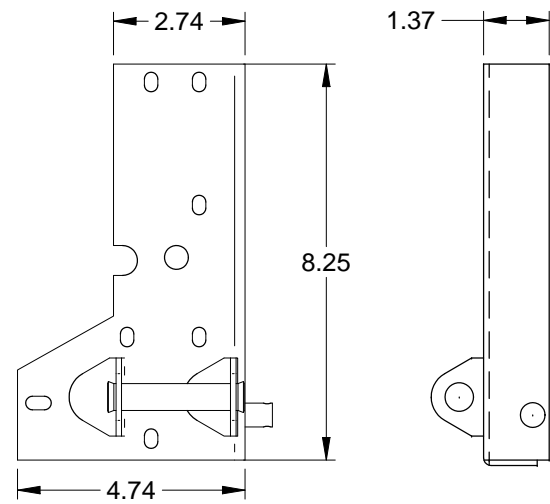
1. Maximum Positive Load per Jamb = (16'-0" x 45.0 PSF) / 2 = 360 lbs. per foot.
2. Maximum Negative Load per Jamb = (16'-0" x -52.0 PSF) / 2 = 416 lbs. per foot.
3. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the jamb loads listed 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 |

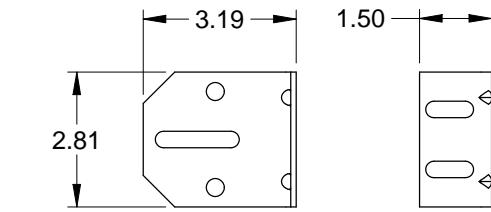


John E. Scates
2560 King Arthur Blvd, Ste 124-54
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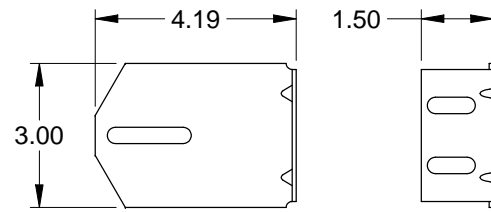
| | | | | |
|-------------------------|--|-------------------------------------|---------|-------|
| Scale: None |  1101 East River Road Dixon, IL 61021 | Title: Spec, Wind Load Aspen Series | | |
| Drawn by: R. Frey | | No. P-2802 | Sheet 2 | Rev B |
| Checked by: G. Wedekind | | | | |
| Date: 01/08/19 | | | | |
| ECO: 7679.01 | | | | |



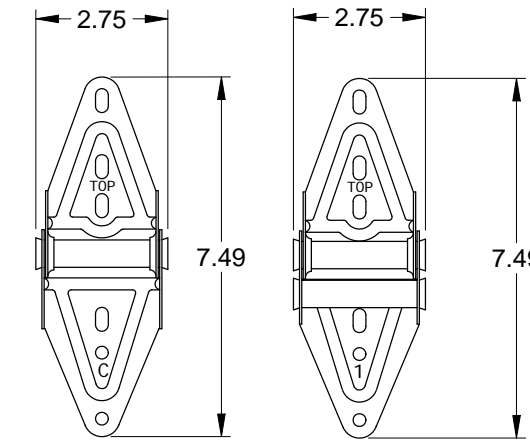
Corner Bracket
.116 Galv. Steel



3" Track Bracket
.116 Galv. Steel

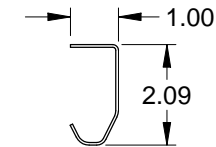


4" Track Bracket
.116 Galv. Steel

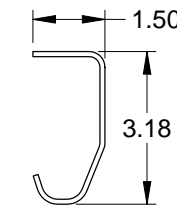


Center Hinge
.045 Galv. Steel

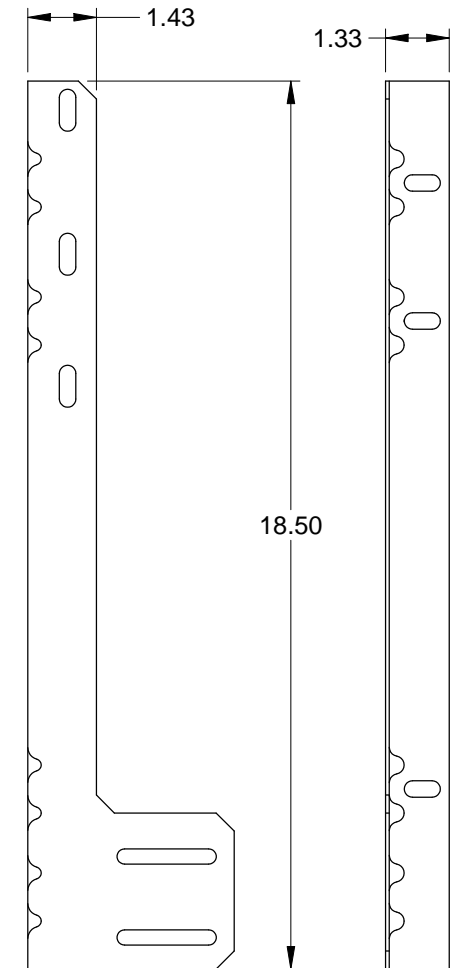
Edge Hinge
.086 Galv. Steel



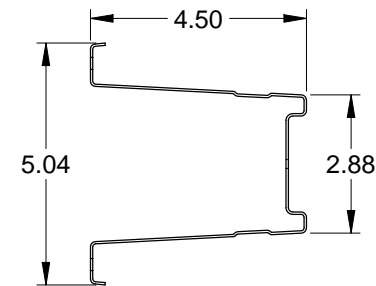
2" Track
.086 Galv. Steel



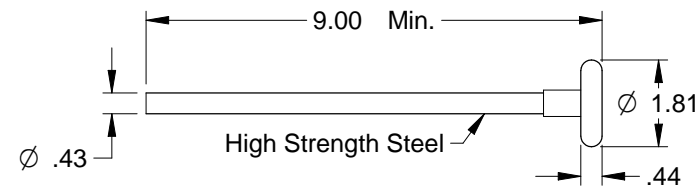
3" Track (Optional)
.105 Galv. Steel



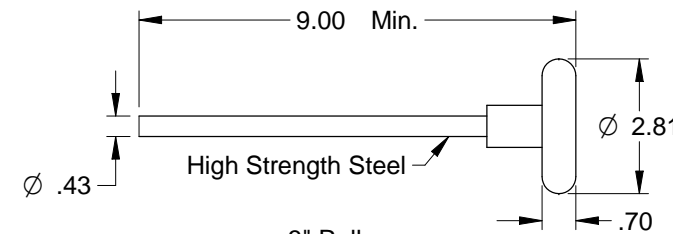
Jamb Angle
.078 Galv. Steel



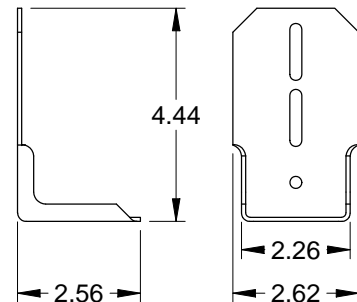
Steel Box Strut
20 Ga. (.035" min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



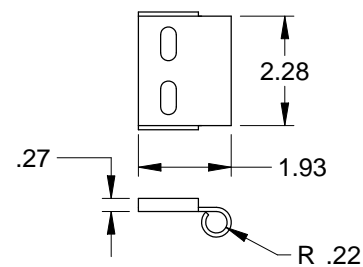
2" Roller
Nylon Precision Bearing (Std.)
Steel 10-ball (Opt.)



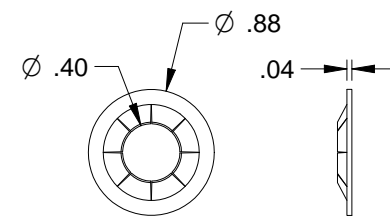
3" Roller
Steel Precision Bearing (Opt.)



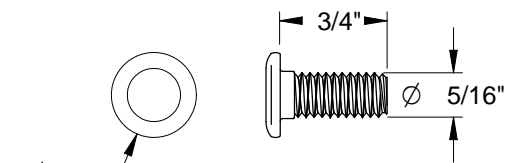
Top Fixture
.086 Galv. Steel



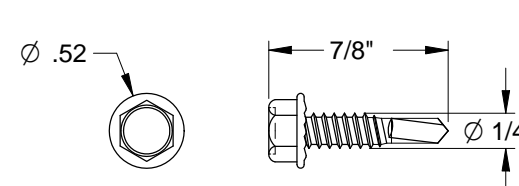
Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



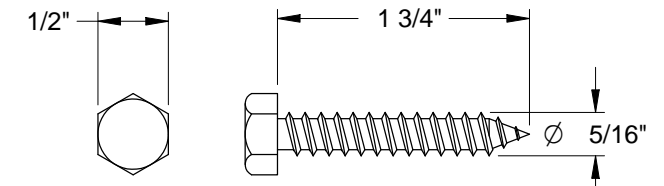
Retaining Nut



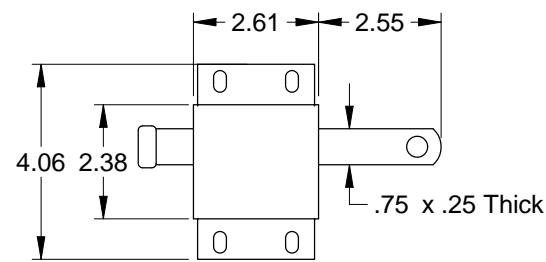
Track Bolt



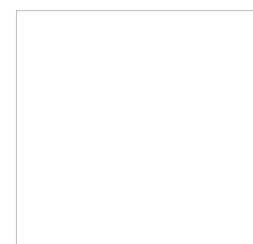
Self-Drilling Screw




Hex Head Lag Screw



Slide Lock
Case .086 Galv. Steel



John E. Scates
2560 King Arthur Blvd, Ste 124-54
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TX PE #56308-f2203

| | | | |
|--------------------------------|--|-------------------------------------|---------|
| Scale: None |  1101 East River Road Dixon, IL 61021 | Title: Spec, Wind Load Aspen Series | |
| Drawn by: R. Frey | | No. P-2802 | Sheet 3 |
| Checked by: G. Wedekind | | | Rev B |
| Date: 01/08/19 ECO: 7679.01 | | | |