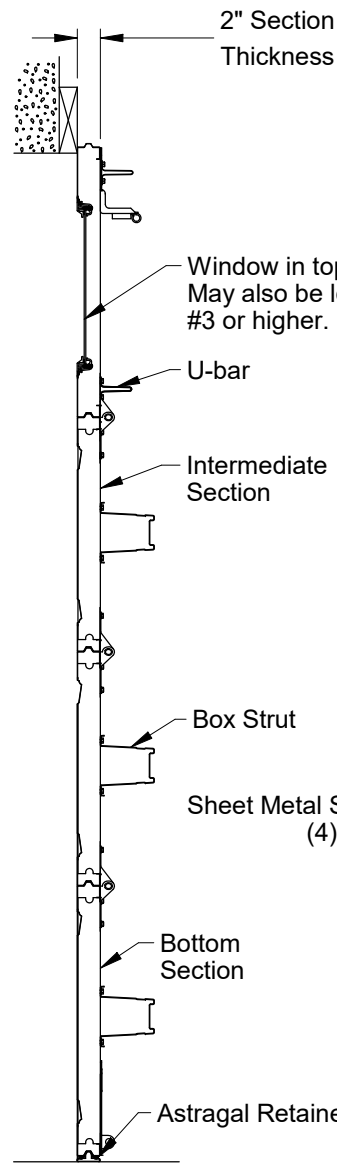
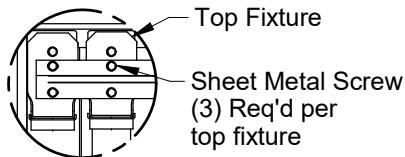


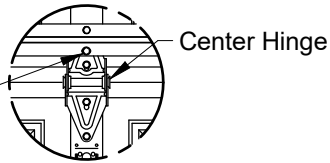


Section A-A

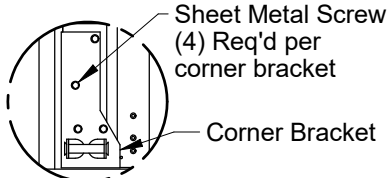


Top Fixture Attachment

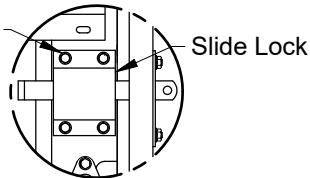
Sheet Metal Screw (5) Req'd per center hinge



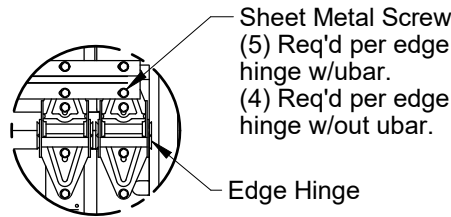
Center Hinge Attachment



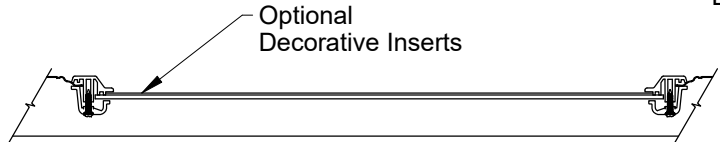
Corner Bracket Attachment



Optional Interior Lock Attachment



Edge Hinge Attachment



Section C-C
Ubar removed for clarity

Window Options					
Window Style	Nominal Size	DLO	Frame Material	Glass	Frame Screws
Colonial	17-3/4" x 12-3/4"	16-3/4" x 11-3/4"	Polypropylene	1/8" Annealed, 1/8" Tempered	10

Steel Section
BuildMark .017 thick G-40 galvanized steel
TradeMark .023 thick G-40 galvanized steel with an epoxy primer and baked on polyester finish which is roll-formed with wood grain texture.

Center Stile
20 Ga. Galv. Steel
Tox locked and glued to panel.

Center Hinge

Box Strut/U-bar

Retaining Nut
7/16" push on retaining nut
(1) req'd per roller.

Section B-B

End Stile
18 Ga. Galv. Steel
Tox locked to panel.

Perimeter Seal
Nailed 8" O.C. with
4d steel nails

Jambs
2x6 #2 Douglas Fir or better wood jamb.

Hex Head Lag Screw
(2) per bracket.

Track Bracket shown
Full Angle optional

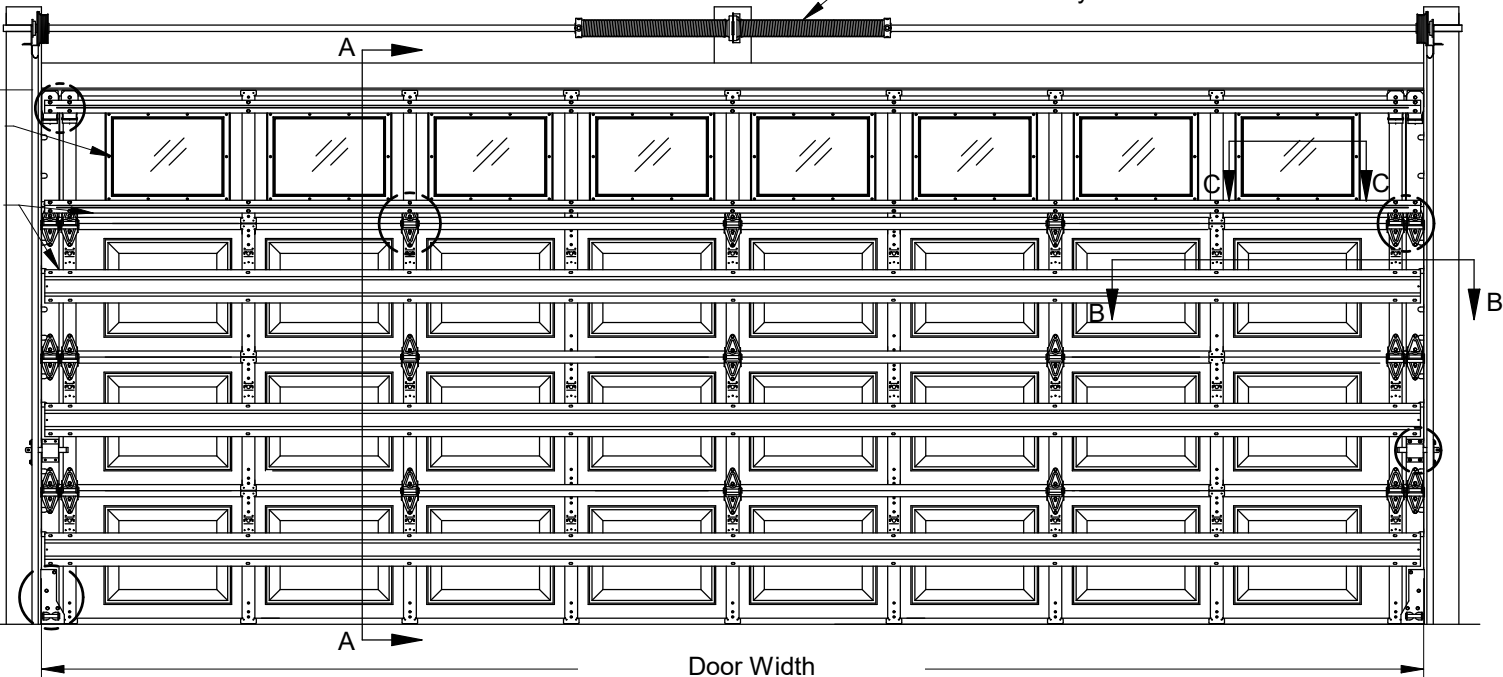
Track Bolt / Whiz Lock Nut

Track Roller

Track
2" shown, 3" optional

Edge Hinge

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



Door Width
See chart for other door widths
(18'-0" shown)

Interior Elevation

Doors tested per ANSI/DASMA 108 for static air pressure.
Complies with the Wind Load requirements of the IBC/IRC 2021.
Wind loaded sectional doors are designed, tested, and sold by PSF.
The AHJ of a given jobsite is responsible for determining the appropriate PSF.

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	1	33.9 -37.8	3	1	33.9 -37.8	3	1	33.9 -37.8
9'-0"	3	1		3	1		3	1	
10'-0"	4	2		3	1		3	1	
12'-0"	5	3	29.7 -33.1	5	2	29.7 -33.1	5	2	29.7 -33.1
14'-0"	6	4		5	2		5	2	
16'-0"	7	3		7	3		7	3	
18'-0"	7	3	26.4 -29.4	7	3	26.4 -29.4	7	3	26.4 -29.4

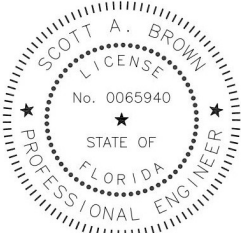
Windows (Optional)
One row maximum

Steel Reinforcement
(1) Box strut per section,
(2) U-bar on top section
fastened to all center
and end stiles using
(2) sheet metal
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

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



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FL#14529

Scale: None		Title: Spec, Wind Load BuildMark / TradeMark	
Drawn by: R. Frey		Checked by: G. Wedekind	
Date: 10/15/24		ECO: 8127.02	
Rev.	Description	ECO	Date
A	New release for production.	8127.02	10/15/24



1101 East River Road
Dixon, IL. 61021

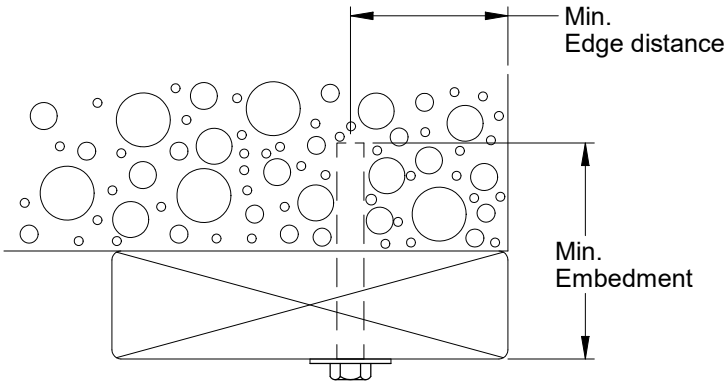
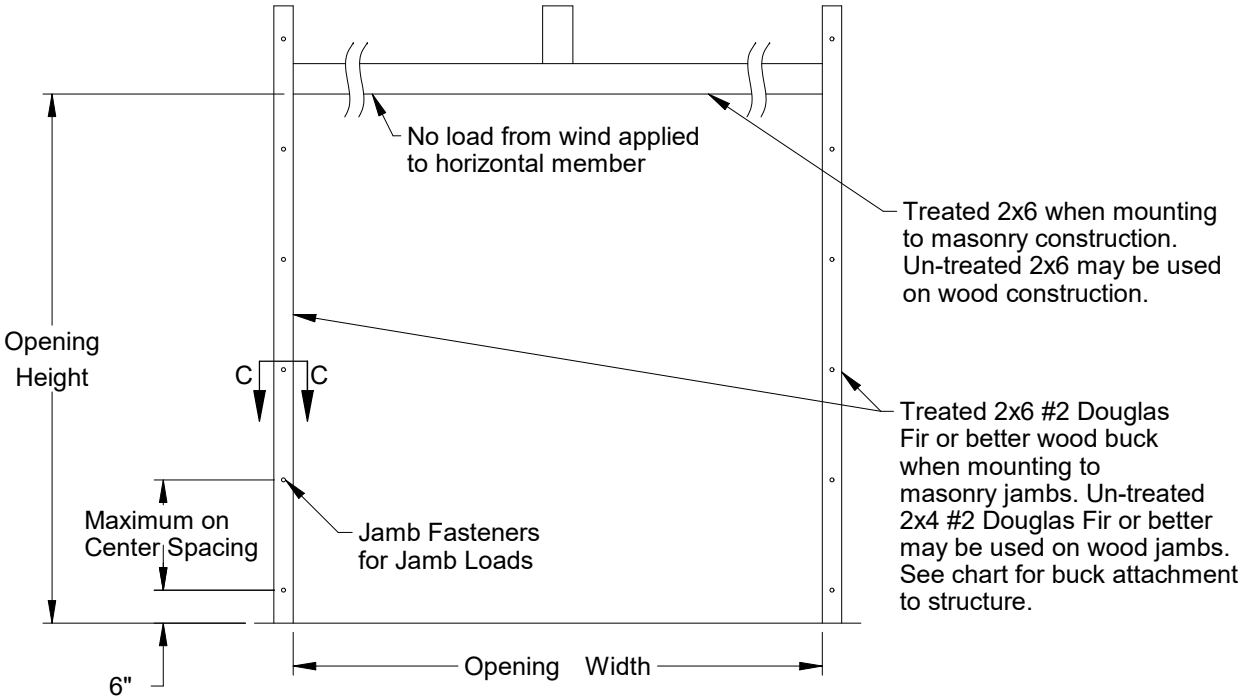
No. P-2390
Sheet 1 of 3
Rev A

1. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the maximum jamb loads listed.
2. DASMA Technical Data Sheet TDS-161 may be used for alternate jamb attachments. Alternate jamb attachments may be used if approved by a registered Professional Engineer.
3. 3/8" diameter lag screws required 1/16" pilot hole and 1-1/2" minimum required distance.
4. Masonry fasteners by others.
5. Garage doors evaluated as attached to enclosed buildings.
6. Garage doors evaluated as components and cladding.

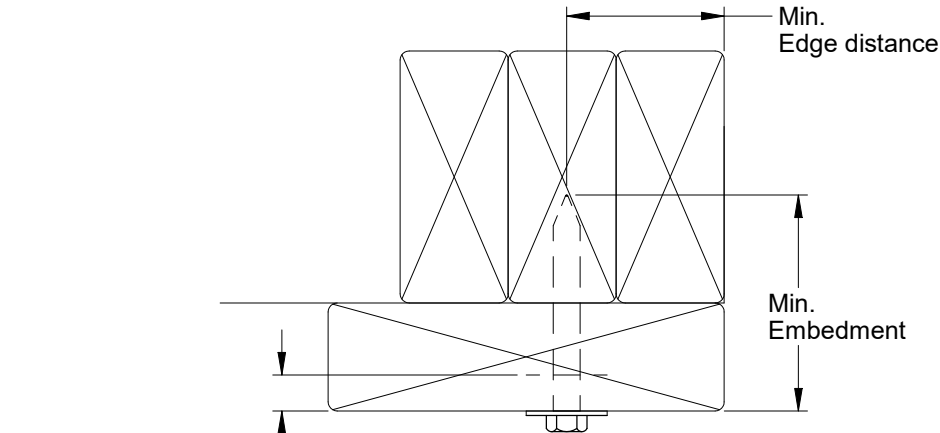
Max. Positive Jamb Load	
(18'-0" x 26.4 PSF) / 2 =	238 lbs. per foot

Max. Negative Jamb Load	
(18'-0" x -29.4 PSF) / 2 =	265 lbs. per foot

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

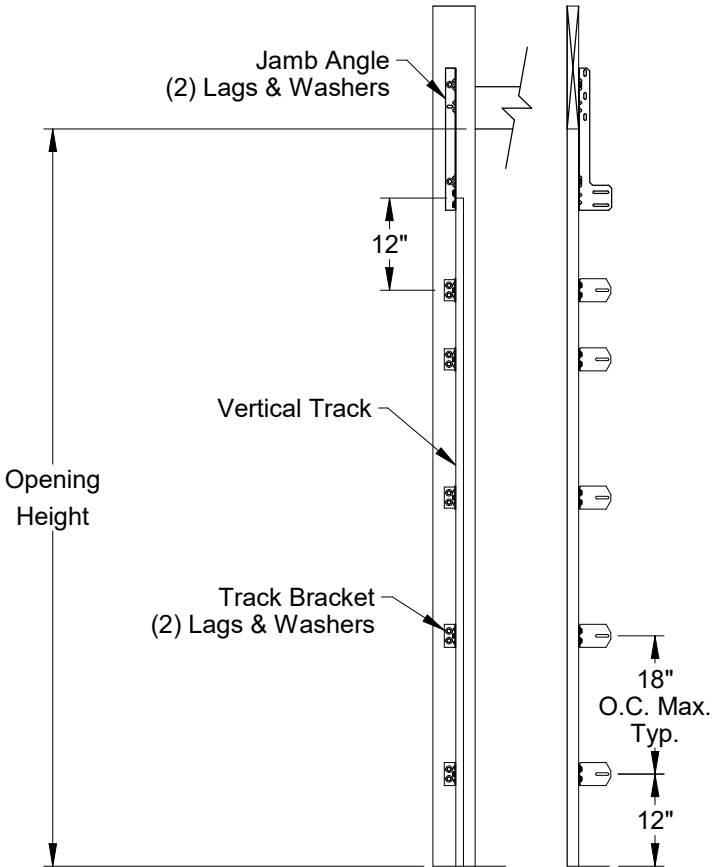


Section C-C
2500 PSI Min. Concrete

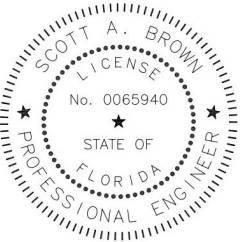


Fasteners may be countersunk up to 1/2"

Section C-C
Southern Pine or
Spruce Pine Fir



Jamb Leg Track Leg
Track Bracket
to Wood Jamps

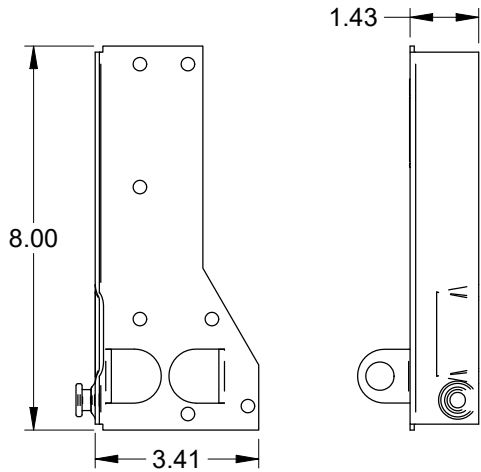


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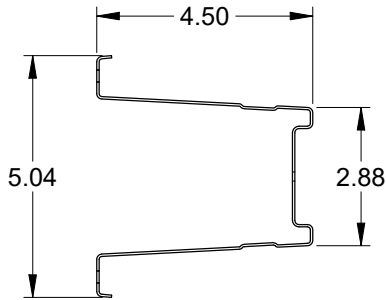
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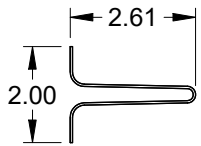
Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load BuildMark / TradeMark		
Drawn by: R. Frey		No. P-2390	Sheet 2	Rev A
Checked by: G. Wedekind				
Date: 10/15/24 ECO: 8127.02				



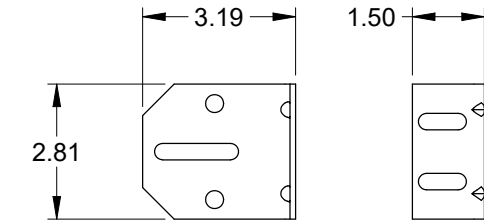
Corner Bracket
.086 Galv. Steel



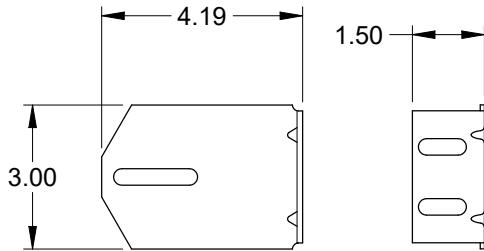
Steel Box Strut
20 Ga. (.035" min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



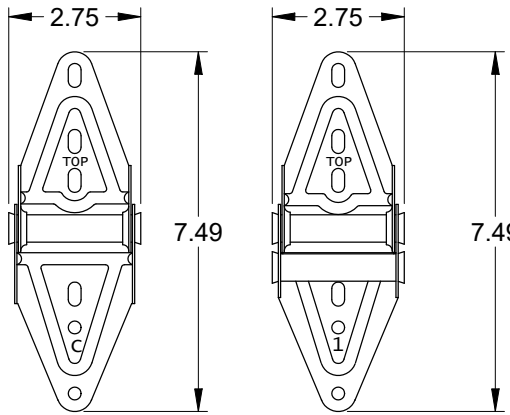
Steel U-Bar
18 Ga. (.049" min.) Galvanized
High Tensile Steel
80 KSI Minimum Yield



3" Track Bracket
.116 Galv. Steel



4" Track Bracket
.116 Galv. Steel



Center Hinge
.045 Galv. Steel

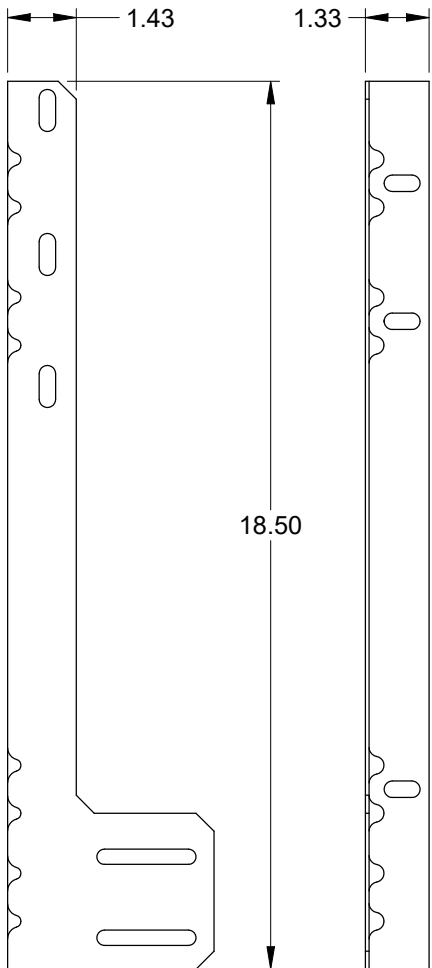
Edge Hinge
.086 Galv. Steel



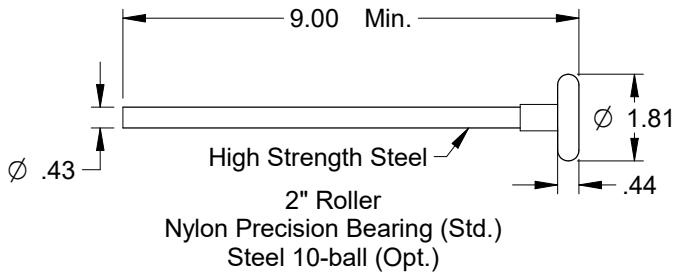
2" Track
.055 Galv. Steel



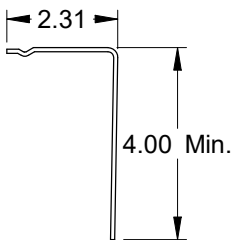
3" Track (Optional)
.105 Galv. Steel



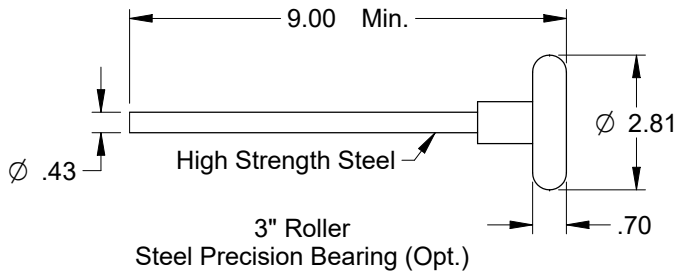
Jamb Angle
.078 Galv. Steel



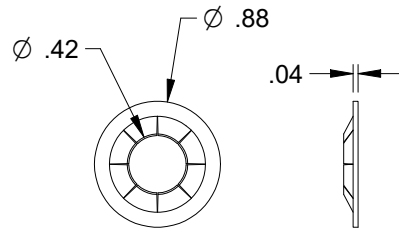
2" Roller
Nylon Precision Bearing (Std.)
Steel 10-ball (Opt.)



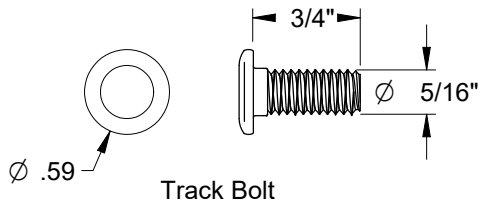
2" Angle Mount (Opt.)
.086 Galv. Steel



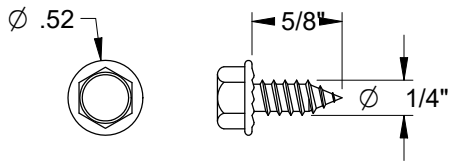
3" Roller
Steel Precision Bearing (Opt.)



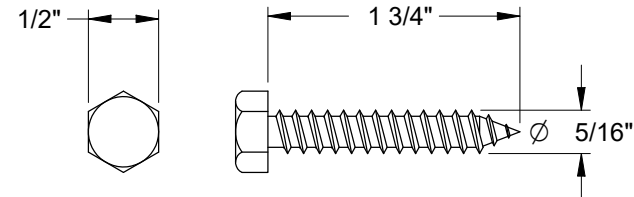
Retaining Nut



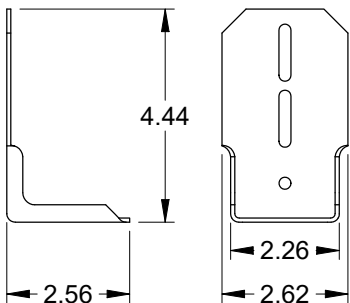
Track Bolt



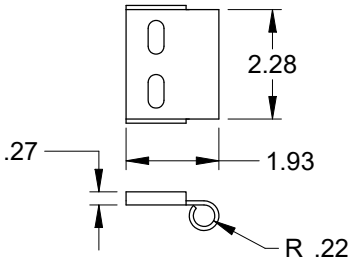
Sheet Metal Screw



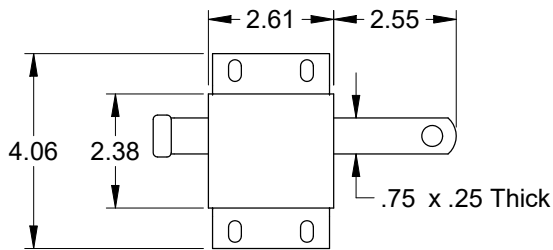
Hex Head Lag Screw



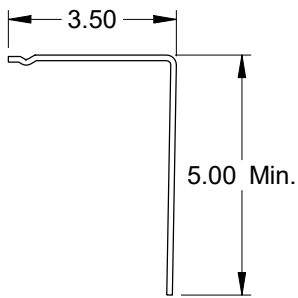
Top Fixture
.086 Galv. Steel



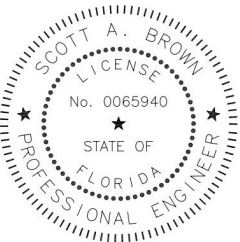
Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



Slide Lock
Case .086 Galv. Steel



3" Angle Mount (Opt.)
.086 Galv. Steel



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Title: Spec, Wind Load BuildMark / TradeMark		
No. P-2390	Sheet 3	Rev A