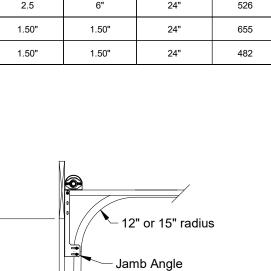
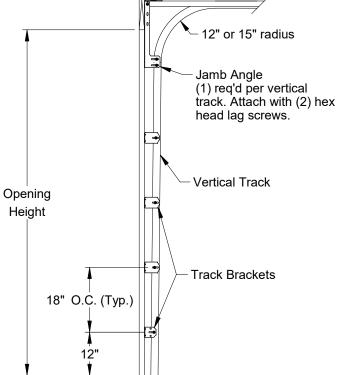


#### Jamb Attachment Notes:

- 1. Maximum Positive Load per Jamb =  $(8'-2" \times 22.6 \text{ PSF}) / 2 = 93 \text{ lbs. per foot.}$
- 2. Maximum Negative Load per Jamb =  $(8'-2" \times -27.0 \text{ PSF}) / 2 = 111 \text{ lbs. per foot.}$
- 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 1/4" pilot hole and 1-1/2" minimum required distance.
- 7. Masonry fasteners by others.

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



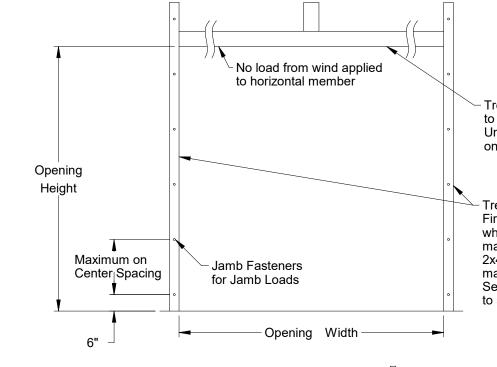




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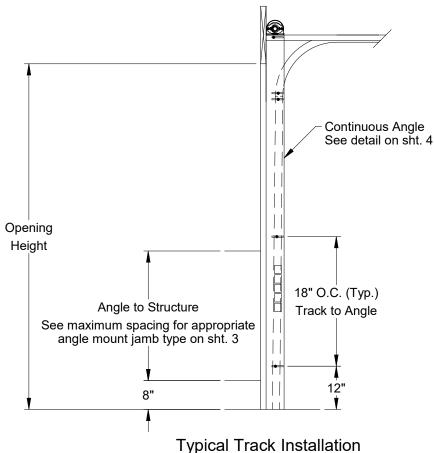
Typical Track Installation Bracket Mount Wood Jambs

Normal headroom track shown, low headroom, lift clearance and verical lift track available.



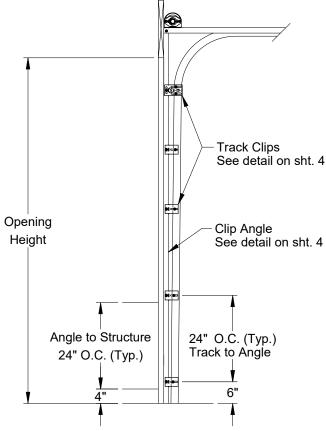
Treated 2x6 when mounting to masonry construction.
Un-treated 2x6 may be used on wood construction.

- Treated 2x6 #2 Douglas
Fir or better wood buck
when mounting to
masonry jambs. Un-treated
2x4 #2 Douglas Fir or better
may be used on wood jambs.
See chart for buck attachment
to structure.



Typical Track Installation
Angle Mount
Wood, Steel or Concrete Jambs

Normal headroom track shown, low headroom, lift clearance and verical lift track available.



Typical Track Installation Pre-Assembled Clip Angle Wood, Steel or Concrete Jambs

Normal headroom track shown, lift clearance and verical lift track available.

Scale: None	
Drawn by: G. Wedekind	
Checked by: G. Wedekind	
Date: 03/12/12	
ECO: 6338.01	

RAYNOR.

1101 East River Road

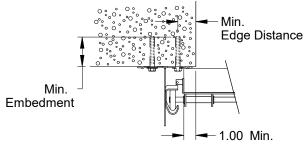
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P-2406

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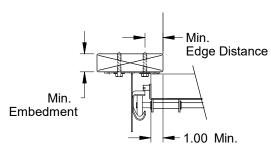
Angle Mount					
Jamb Type	Fastener Type	Minimum Embedment (in.)	Minimum Fage	Maximum on Center Spacing (in.)	Tension Load
	3/8" ITW Trubolt	2-1/2"	2-1/2"	36"	893
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	36"	687
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	36"	651
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	36"	971
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	36"	352
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	36"	480

Alternate fasteners may be used if approved by a registered Professional Engineer.



#### Track Assembly Attachment to 2500 PSI Min. Concrete

2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available

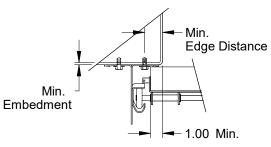


#### Track Assembly Attachment to Wood Jamb

2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available

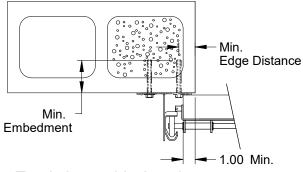


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#### Track Assembly Attachment to 3/16" Min. Steel Jamb

2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available

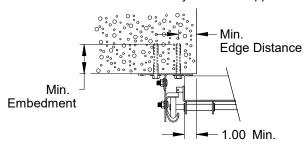


## Track Assembly Attachment to Grout Filled CMU Block

2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available

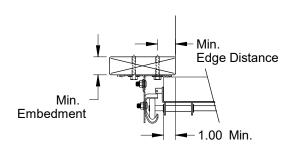
Pre-Assembled Clip Angle					
Jamb Type	Fastener Type	Minimum Embedment (in.)	Minimum Edge Distance (in.)	Maximum on Center Spacing (in.)	Allowable Tension Load (Lbs.)
	3/8" ITW Trubolt	2-1/2"	2-1/2"	24"	893
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	24"	687
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	24"	651
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	24"	971
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	24"	352
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	24"	480

Alternate fasteners may be used if approved by a registered Professional Engineer.



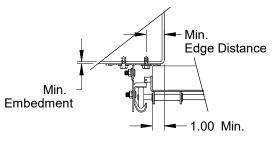
#### Pre-Assembled Track Assembly Attachment to 2500 PSI Min. Concrete

2" Clip angle turned-in standard (solid)
2" Clip angle turned-out optional (dashed)
3" Clip angle available



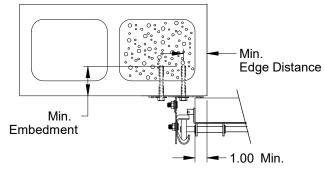
# Pre-Assembled Track Assembly Attachment to Wood Jamb

2" Clip angle turned-in standard (solid)
2" Clip angle turned-out optional (dashed)
3" Clip angle available



## Pre-Assembled Track Assembly Attachment to 3/16" Min. Steel Jamb

2" Clip angle turned-in standard (solid)
2" Clip angle turned-out optional (dashed)
3" Clip angle available



## Pre-Assembled Track Assembly to Grout Filled CMU Block

2" Clip angle turned-in standard (solid)
2" Clip angle turned-out optional (dashed)
3" Clip angle available

Scale: None		
Drawn by: G. Wedekind		
Checked by: G. Wedekind		
Date: 03/12/12		
ECO: 6338.01		



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ECO: 6338.01

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