

#### **Direct Wood Mounting Detail**

Bracket Mount Shown, Reverse and Continuous Angle Mount Also Approved As Alternate.

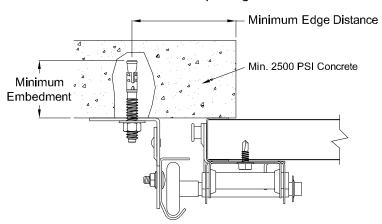
439 lbs. per anchor allowable load 5/16" Dia. Lag Screw w/1-1/8" O.D. Flat Washer (shall conform to ANSI/ASME standard B18.2.1)

Minimum Screw Length: Spruce-Pine-Fur (SPF) - 2-1/2"

Southern Pine - 1-5/8"

Minimum Edge Distance: 1/2" Maximum on Center Spacing: 14"

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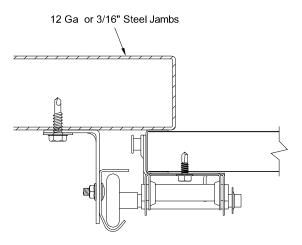


# **Direct Concrete Mounting Detail**

Continuous Angle Clip Mount Shown, Bracket and Reverse Continuous Angle Mount Also Approved As Alternate.

831 lbs. per anchor allowable load 3/8" Dia. Ankr-Tite CCAT w/1-1/8" O.D. Flat Washer (by Wej-It Fastening Systems)

Minimum Embedment: 2-5/8" Minimum Edge Distance: 2-1/2" Minimum on Center Spacing: 6" Maximum on Center Spacing: 24"

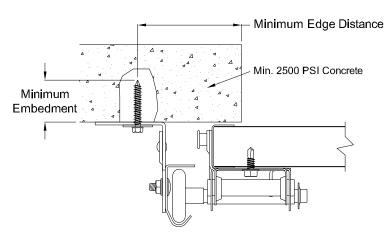


#### **Direct Steel Mounting Detail**

Bracket Mount Shown, Reverse and Continuous Angle Mount Also Approved As Alternate.

232 lbs. per anchor allowable load - 12 Ga Steel 569 lbs. per anchor allowable load -  $\frac{3}{16}$ " Steel 5/16"-12 Tek Self-Drilling Screw w/9/16" O.D. Flat Washer

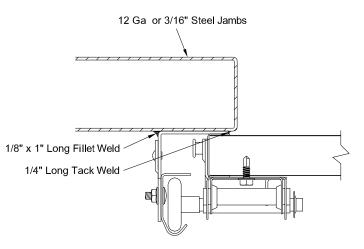
12 Ga Maximum on Center Spacing: 7" 3 Maximum on Center Spacing: 18"



# **Direct Concrete Mounting Detail**

Continuous Angle Clip Mount Shown, Bracket and Reverse Continuous Angle Mount Also Approved As Alternate.

562 lbs. per anchor allowable load 1/4" Dia. Concrete Self-Tapping & Wedge Anchor w/1" O.D. Flat Washer (Includes Tapcon+ (by ITW), Wedge-Bolt+ (by Powers Fasteners) & Red Head TruBolt wedge anchor (by ITW)) Minimum Embedment: 2" Minimum Edge Distance: 2-1/2"



# **Direct Steel Mounting Detail**

Reverse Continuous Angle Clip Mount Shown, Continuous Angle Mount Also Approved As Alternate.

1272 lbs. per anchor allowable load 1/8" Nom. x 1" Long Fillet and 1/4" Long Tack Weld (E60xx Electrodes Min.)

Welds performed by a certified welder or inspected by a certified welding inspector to verify integrity of the welds.

Maximum on Center Spacing: Apply welds at each roller location not to exceed 24"

**IMPACT RESISTANT** 

John E Scates, P.E. 2560 King Arthur Blvd. Ste 124-54 Lewisville, Texas 75056 Texas P.E. 56308/F2203

Professional Engineer seal provided only for verification of wind load construction details.



#### **DESCRIPTION:**

WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WLTI-5000-0194-08-48-52 | REV. A DATE DRN: 11/22/18 | DRAWN BY: MVS | REV. DATE: 2/22/22

**MODEL(S):** See Sheet 3 SHEET: 4 OF 4 2 6 8

16' 2" HT 5000 ALUMINUM SERIES Minimum on Center Spacing: 5" Maximum on Center Spacing: 17"