

### **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)

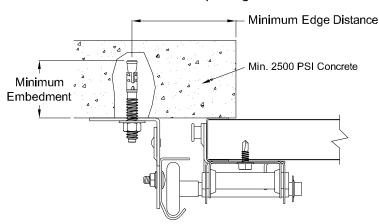
Minimum Screw Length: Spruce-Pine-Fur (SPF) - 2-1/2"

Southern Pine - 1-5/8"

Minimum Edge Distance: 1/2"

Maximum on Center Spacing: 21"

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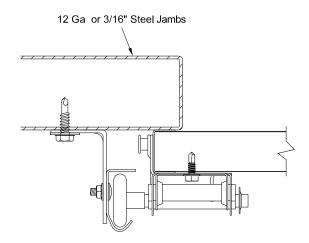


## **Direct Concrete Mounting Detail**

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 Wei It Festering Systems)

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"



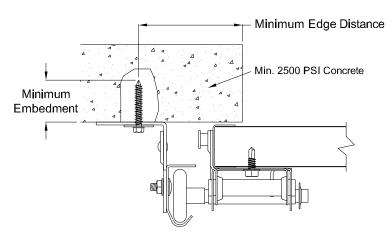
### **Direct Steel Mounting Detail**

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: 11"

3 Maximum on Center Spacing: 24"

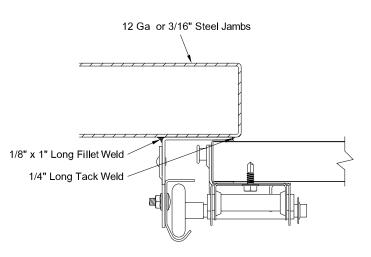


#### **Direct Concrete Mounting Detail**

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" Minimum on Center Spacing: 5"

Maximum on Center Spacing: 24"



# **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:**16' 2" HT 5000 ALUMINUM SERIES W/LITES

WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +31.3/-34.9 PSF

DRAWING NO.: WLTI-5000-0194-08-31-35L REV. A

DATE DRN: 11/17/18 DRAWN BY: MVS REV. DATE: 2/22/22

| MODEL(S): See Sheet 3 | SHEET: 4 OF 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8