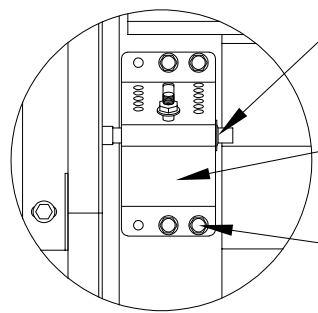




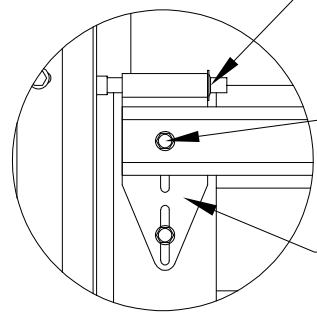


PUSH NUT  
7/16"  
See DETAIL K for push nut placement.

ADJUSTABLE TOP FIXTURE  
12 Ga

TEK SCREW  
1/4" X 3/4" Hex Washer Head  
Self Drilling (4 per Bracket)

**DETAIL A**

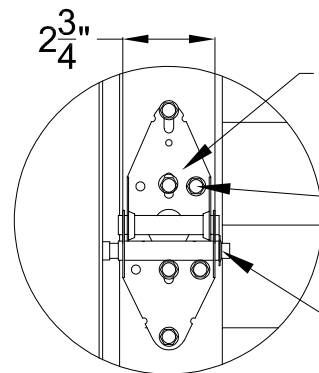


PUSH NUT  
7/16"  
See DETAIL K for push nut placement.

TEK SCREW  
1/4" X 3/4" Hex Washer Head  
Self Drilling (2 per Bracket)

LOW HEADROOM TOP BRACKET

**LOW HEADROOM TOP BRACKET**

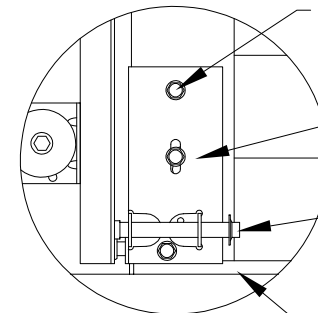


END HINGE  
14 Ga Minimum Galvanized Steel

TEK SCREW  
1/4" X 3/4" Hex Washer Head  
Self Drilling (6 per Hinge)

PUSH NUT  
7/16"  
See DETAIL K for push nut placement.

**DETAIL B**



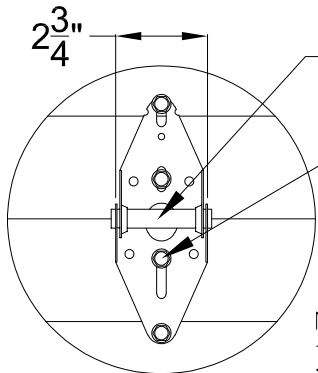
TEK SCREW  
1/4" X 3/4" Hex Washer Head  
Self Drilling (3 per Bottom Bracket)

BOTTOM BRACKET  
13 Ga Galvanized Steel

PUSH NUT  
7/16"  
See DETAIL K for push nut placement.

BOTTOM SEAL

**DETAIL C**

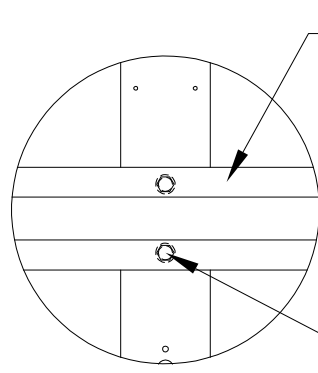


INTERMEDIATE HINGE  
18 Ga Minimum Galvanized Steel

TEK SCREW  
1/4" X 3/4" Hex Washer Head Self Drilling (4 per Hinge)

**DETAIL D**

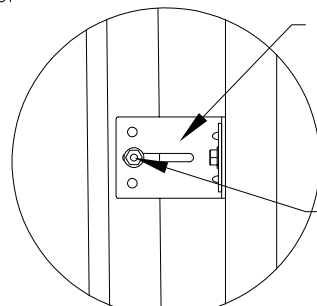
NOTE: The location of the intermediate hinges is indicated by the toggle lock dimples at the top of each section.



3 1/4" x 3 1/4" E STRUT  
18 Ga 70 KSI Galvanized Steel

TEK SCREW  
1/4" X 3/4" Hex Washer Head Self Drilling (2 per End & Intermediate Stiles)

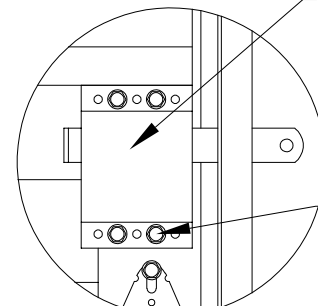
**DETAIL E**



JAMB BRACKET  
12 Ga Galvanized Steel

BOLT & NUT  
1/4-20 X 5/8" Carriage Bolt & 1/4-20 Hex Washer Nut (1 per Jamb Bracket)

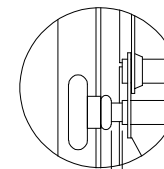
**DETAIL F**



SLIDE LOCK or LOCK BARS

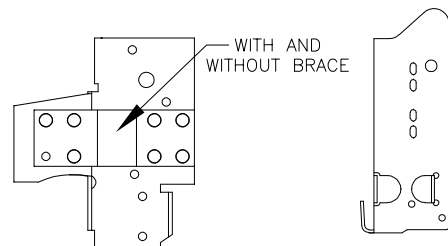
TEK SCREW  
1/4" X 3/4" Hex Washer Head Self Drilling (4 per Slide Lock)

**DETAIL G**

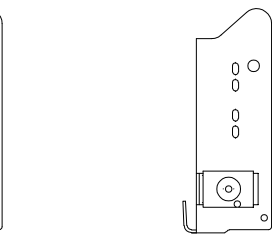


Maximum  
1/2"  
**DETAIL K**

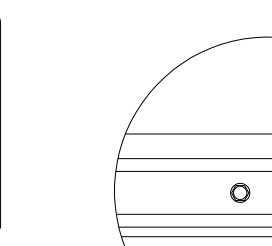
There should be a space of maximum 1/2" between the roller hub and the outside edge of the roller holder which is set by the push nut.



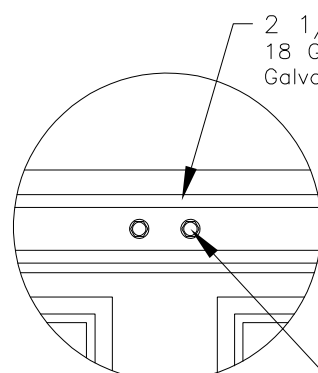
RESIDENTIAL & LIGHT COMMERCIAL  
For Low Headroom With 2" Track and Single End Stiles



COMMERCIAL  
For Standard, High & Vertical Lift With 2" Track and Single End Stiles



COMMERCIAL  
For Standard, High & Vertical Lift With 3" Track and Single End Stiles

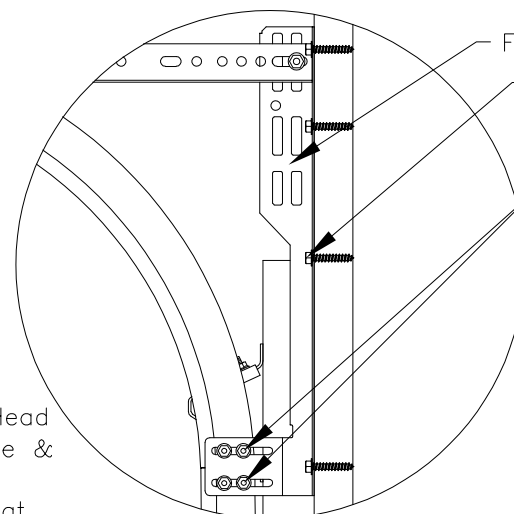


**DETAIL J**

2 1/4" x 2 3/4" E STRUT  
18 Ga 70 KSI Minimum Galvanized Steel

TEK SCREW  
1/4" x 3/4" Hex Washer Head Self Drilling (1 per End Stile & 2 per Intermediate Stile)

NOTE: 3 Screws Required at Intermediate Hinge Location



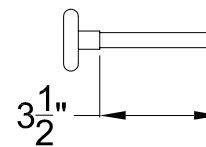
**DETAIL H**

FLAG BRACKET

BOLT  
5/16 X 1 5/8" Lag Bolt (4 per Flag Bracket).

BOLT & NUT  
1/4-20 X 5/8" Track Bolt & 1/4-20 Hex Washer Nut (2 for Horizontal & 2 for Vertical Track)

NOTE: Details on some views omitted for clarity.  
Double end stiles and end hardware may be provided on wider or heavier doors.

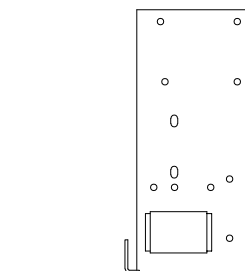


**ROLLER**

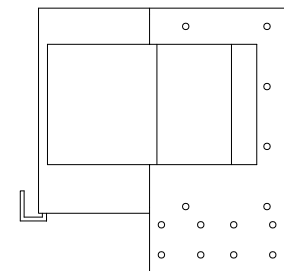
2" Diameter Nominal Eleven Ball Nylon or Ten Ball Steel with a Minimum Workable Shaft Length Shown.

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Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203

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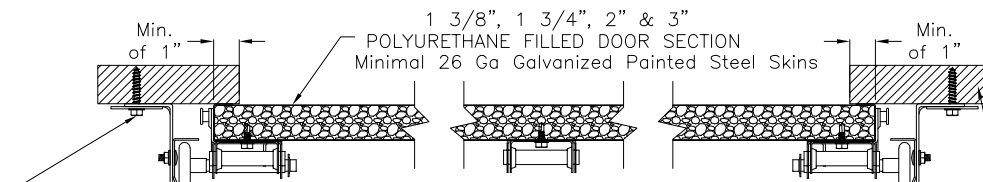
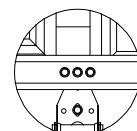
COMMERCIAL HEAVY DUTY  
For Standard, High & Vertical Lift With 3" Track and Double End Stiles



COMMERCIAL HEAVY DUTY  
For Low Headroom With 3" Track and Double End Stiles

**ALTERNATE BOTTOM BRACKETS**

NOTE: The bottom bracket tested (shown in DETAIL C) is the lightest bracket available.



BOLT & WASHER  
5/16" X 1 5/8" Lag Bolt & 2" O.D. x 7/16" I.D. Flat Washer  
NOTE: Jamb bracket must be in direct contact with the 2x6 (No drywall allowed).  
NOTE: The flat washer is not required for angle mount.

VERTICAL TRACK - 2" Nominal 13 Ga Galvanized Steel tested. 3" Nominal 13 Ga is also approved as an alternate.

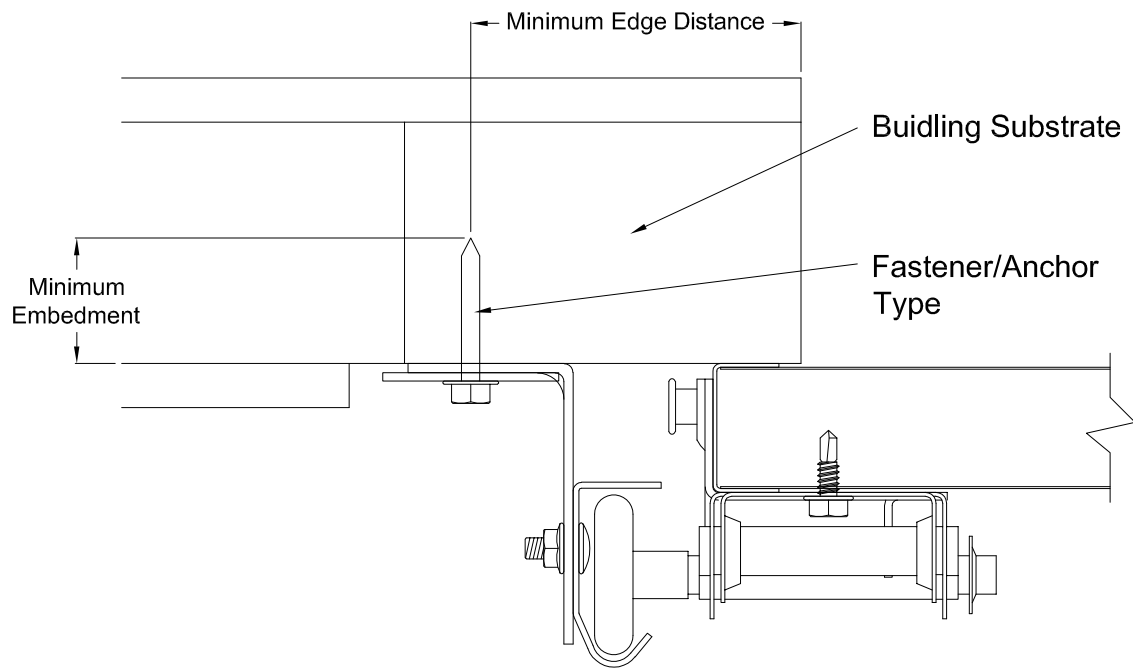
WOOD JAMB  
The vertical wood jamb fasteners may be counter sunk to provide a flat mounting surface. See jamb attachment details on sheet 3 for attaching jambs to the structure.

FL #16660.11



|                                                                                                                                                  |                            |                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|--|
| <b>DESCRIPTION:</b><br>16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES W/LITES WIND LOAD SECTIONAL DOOR<br>DESIGN PRESSURE +21.8/-24.3 PSF |                            |                           |  |
| <b>DRAWING NO.:</b> WL-0600-0194-08-22-24L                                                                                                       | <b>REV.</b> L              |                           |  |
| <b>DRAWN BY:</b> MVS                                                                                                                             | <b>DATE DRAWN:</b> 7/27/15 | <b>REV. DATE:</b> 7/21/25 |  |
| <b>MODEL(S):</b> See Sheet 3                                                                                                                     | <b>SHEET: 2 OF 4</b>       |                           |  |





**Direct Mounting Detail**  
Bracket Mount Shown, Reverse and Continuous Angle Mount, Reverse and Continuous Angle Clip Mount Also Approved As Alternate.

| DIRECT MOUNTING        |                                                                                            |                                                   |                         |                       |                           |
|------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------|-----------------------|---------------------------|
| Building Substrate     | Fastener Type                                                                              | Minimum Embedment                                 | Minimum Fastener Length | Minimum Edge Distance | Minimum on Center Spacing |
| Southern Pine (SYP)    | 5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1) | -                                                 | 1-5/8"                  | 1/2"                  | -                         |
| Spruce-Pine-Fur (SPF)  | 5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1) | -                                                 | 2-1/4"                  | 1/2"                  | -                         |
| Min. 2500 PSI Concrete | 3/8" Dia. Ankr-Tite CCAT w/1-1/8" OD Flat Washer (by Wej-It Fastening Systems)             | 2-3/8"                                            | -                       | 2-1/2"                | 6"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Tapcon+ by ITW w/1-1/8" OD Flat Washer                                           | 2"                                                | -                       | 2-1/2"                | 5"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Wedge-Bolt+ by Powers Fasteners w/1-1/8" OD Flat Washer                          | 1-3/4"                                            | -                       | 2-1/2"                | 5"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Red Head TruBolt wedge anchor by ITW w/1-1/8" OD Flat Washer                     | 1-3/4"                                            | -                       | 2-1/2"                | 5"                        |
| 1/8" GA Steel Minimuml | 5/16"-12 Tek Self-Drilling Screw w/1-1/8" OD Flat Washer                                   | -                                                 | 1"                      | -                     | -                         |
| 3/16" GA Steel         | Fillet Weld                                                                                | See DASMA Technical Data Sheet TDS-161, section G |                         |                       |                           |

NOTE: Doors are available with jamb brackets or commercial full angle. In either case the the maximum spacing noted on sheet 1 should be maintained for the brackets, clips and fasteners for direct mount.

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Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203  
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FL #16660.11



**DESCRIPTION:**  
16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES  
W/LITES WIND LOAD SECTIONAL DOOR  
DESIGN PRESSURE +21.8/-24.3 PSF

|                                            |                            |                           |
|--------------------------------------------|----------------------------|---------------------------|
| <b>DRAWING NO.:</b> WL-0600-0194-08-22-24L |                            | <b>REV.</b> L             |
| <b>DRAWN BY:</b> MVS                       | <b>DATE DRAWN:</b> 7/27/15 | <b>REV. DATE:</b> 7/21/25 |
| <b>MODEL(S):</b> See Sheet 3               |                            | <b>SHEET: 4 OF 4</b>      |