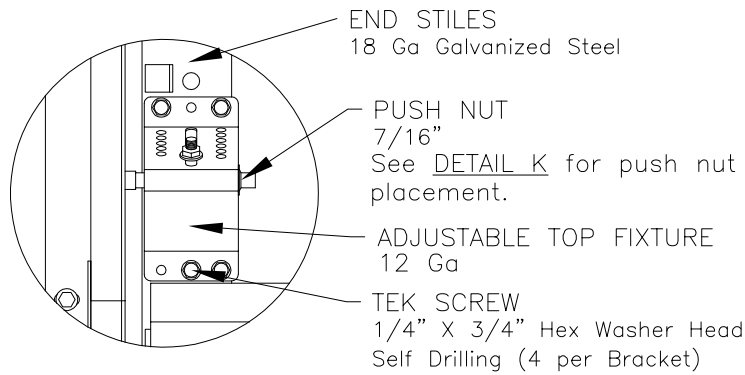
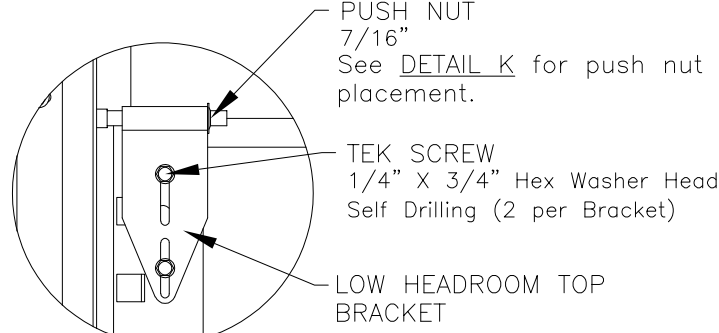


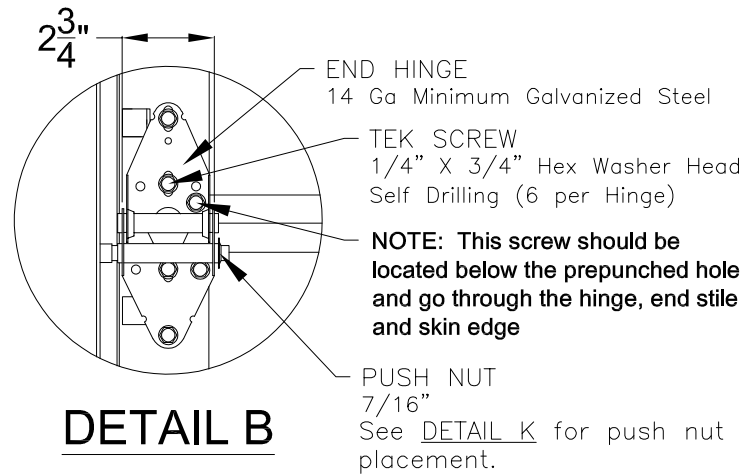




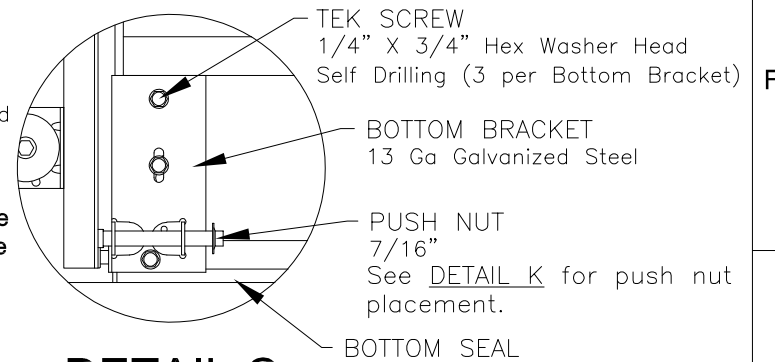
DETAIL A



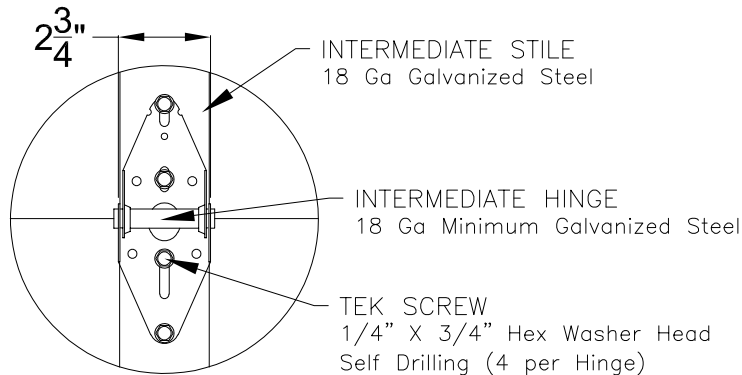
LOW HEADROOM  
TOP BRACKET



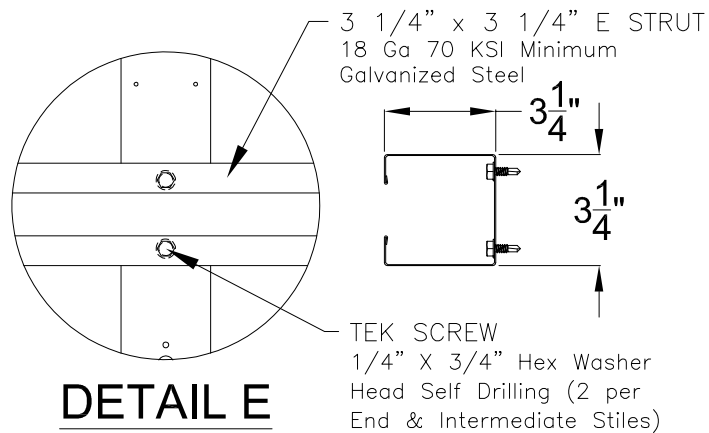
DETAIL B



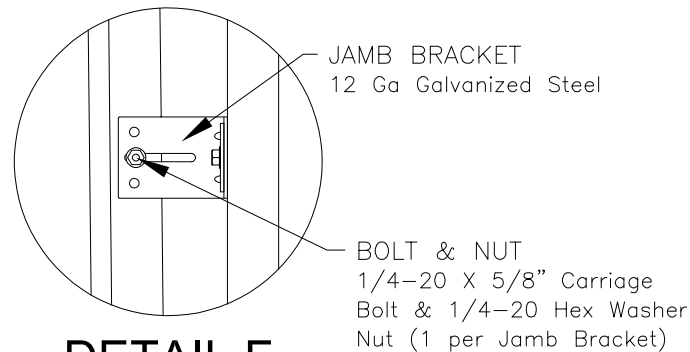
DETAIL C



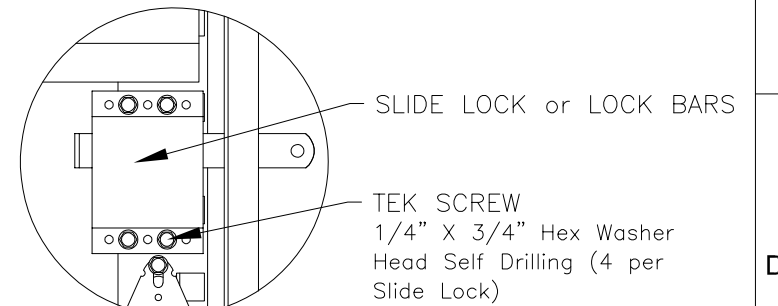
DETAIL D



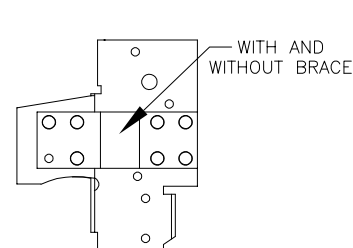
DETAIL E



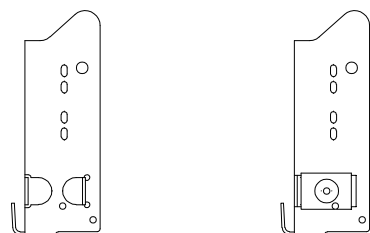
DETAIL F



DETAIL G



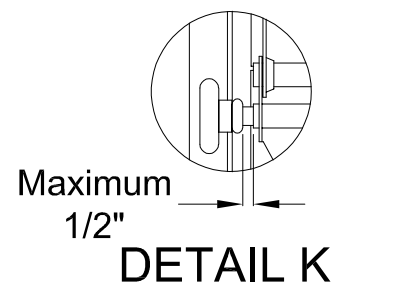
RESIDENTIAL & LIGHT  
COMMERCIAL  
For Low Headroom  
With 2" Track and  
Single End Stiles



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

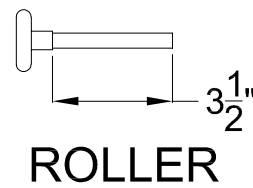


COMMERCIAL  
For Standard, High  
& Vertical Lift  
With 3" Track and  
Single End Stiles



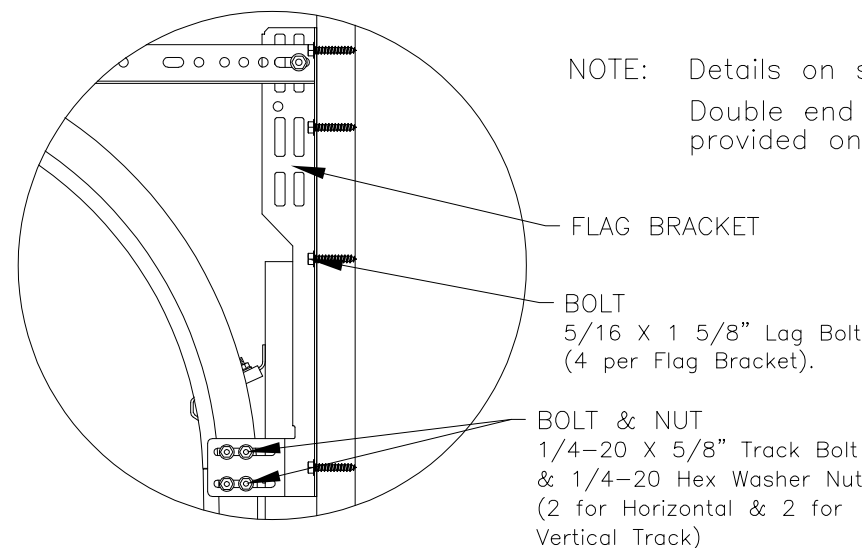
DETAIL K

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.



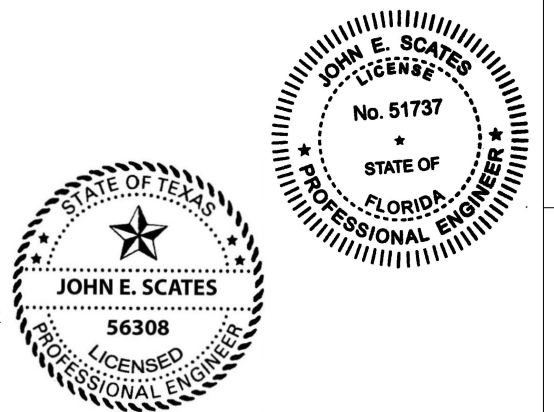
ROLLER

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



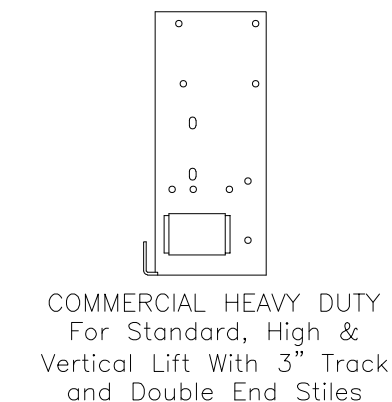
DETAIL H

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

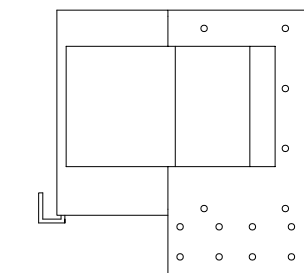


John E. Scates, P.E.  
8811 Teel Pkwy #100-5175  
Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203

Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.



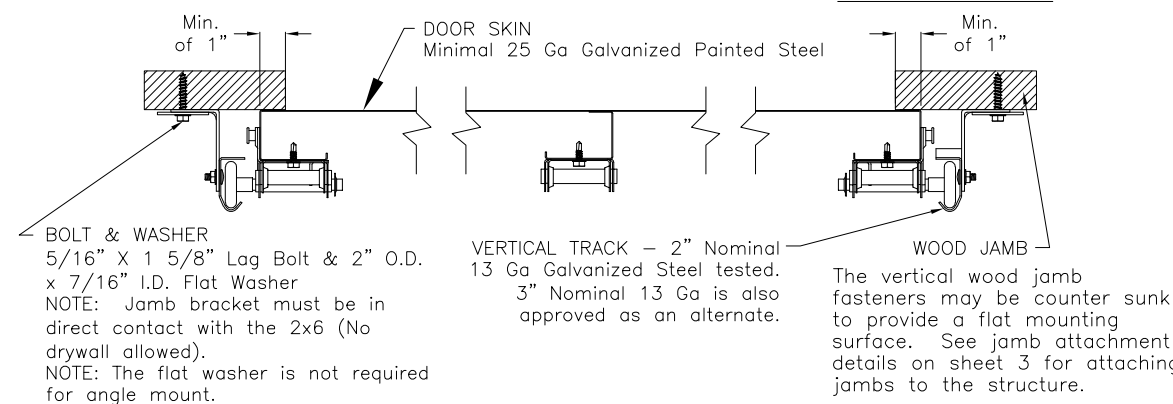
COMMERCIAL HEAVY DUTY  
For Standard, High &  
Vertical Lift With 3" Track  
and Double End Stiles



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.

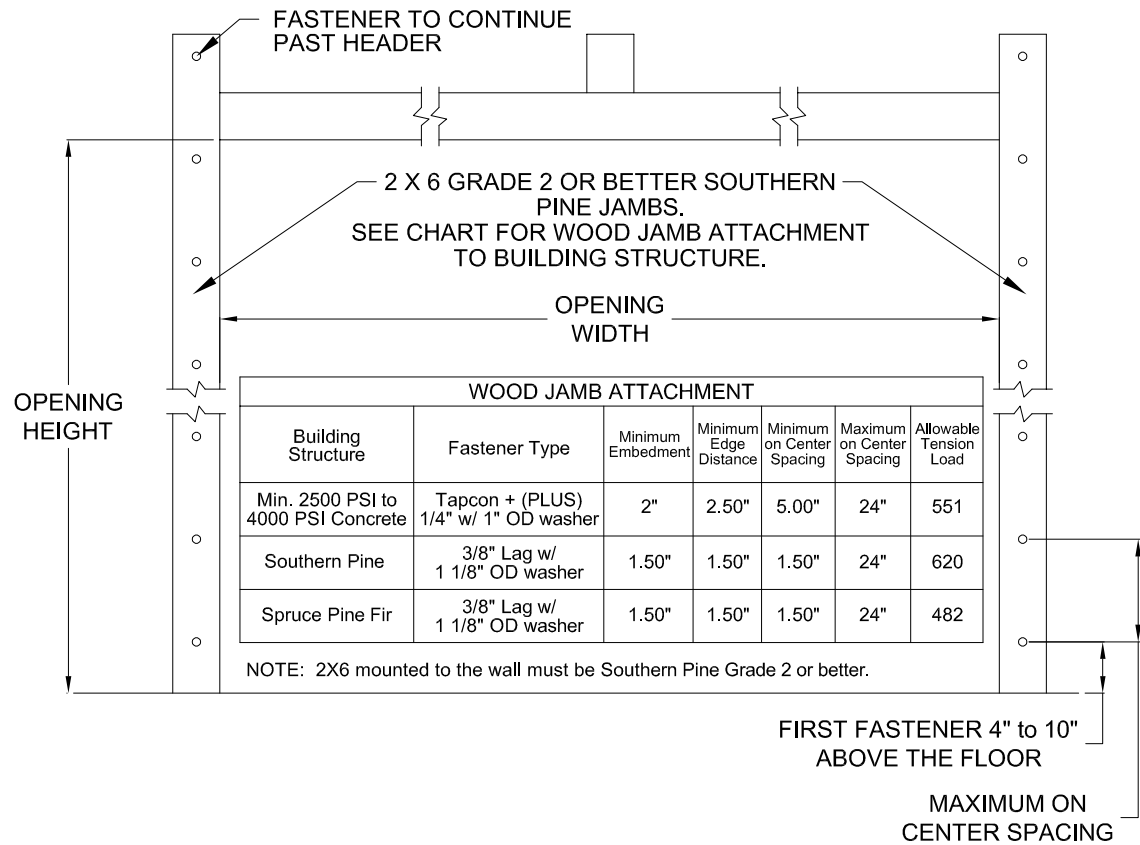
VERTICAL TRACK - 2" Nominal  
13 Ga Galvanized Steel tested.  
3" Nominal 13 Ga is also  
approved as an alternate.

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  
jamb to the structure.

FL #16650.12

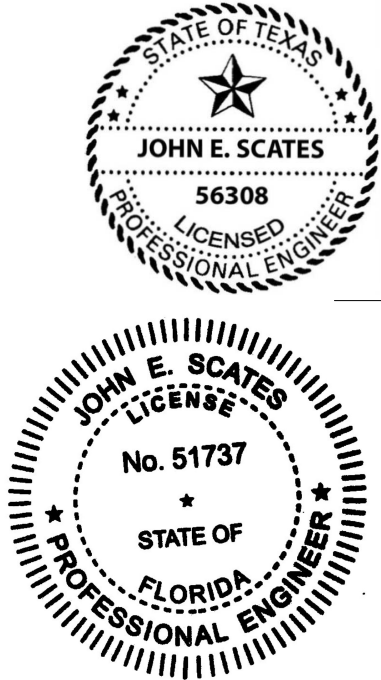


|                                                                                                                      |                            |                           |   |
|----------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|---|
| <b>DESCRIPTION:</b><br>16' 2" PAN 2000 SERIES W/LITES WIND<br>LOAD SECTIONAL DOOR<br>DESIGN PRESSURE +18.3/-20.4 PSF |                            |                           | A |
| <b>DRAWING NO.:</b> WL-2000-0194-08-18-20                                                                            |                            | <b>REV.</b> J             |   |
| <b>DRAWN BY:</b> MVS                                                                                                 | <b>DATE DRAWN:</b> 7/27/15 | <b>REV. DATE:</b> 10/1/25 |   |
| <b>MODEL(S):</b> See Sheet 3                                                                                         |                            | <b>SHEET:</b> 2 OF 4      |   |



MODEL NUMBERS

| MODEL NUMBERS AVAILABLE  |
|--------------------------|
| PAN C2011 SERIES         |
| PAN C2015 SERIES         |
| PAN C2411 SERIES         |
| PAN C2415 SERIES         |
| PAN C2511 SERIES         |
| PAN C2410 & R2410 SERIES |
| PAN C2460 & R2460 SERIES |
| PAN C2461 & R2461 SERIES |
| PAN C2470 & R2470 SERIES |
| PAN C2471 & R2471 SERIES |
| PAN C2472 & R2472 SERIES |
| PAN C2480 & R2480 SERIES |
| PAN C2481 & R2481 SERIES |
| PAN C2482 & R2482 SERIES |
| PAN R2560 SERIES         |
| PAN R2561 SERIES         |
| PAN R2570 SERIES         |
| PAN R2571 SERIES         |
| PAN R2572 SERIES         |
| PAN R2580 SERIES         |
| PAN R2581 SERIES         |
| PAN R2582 SERIES         |

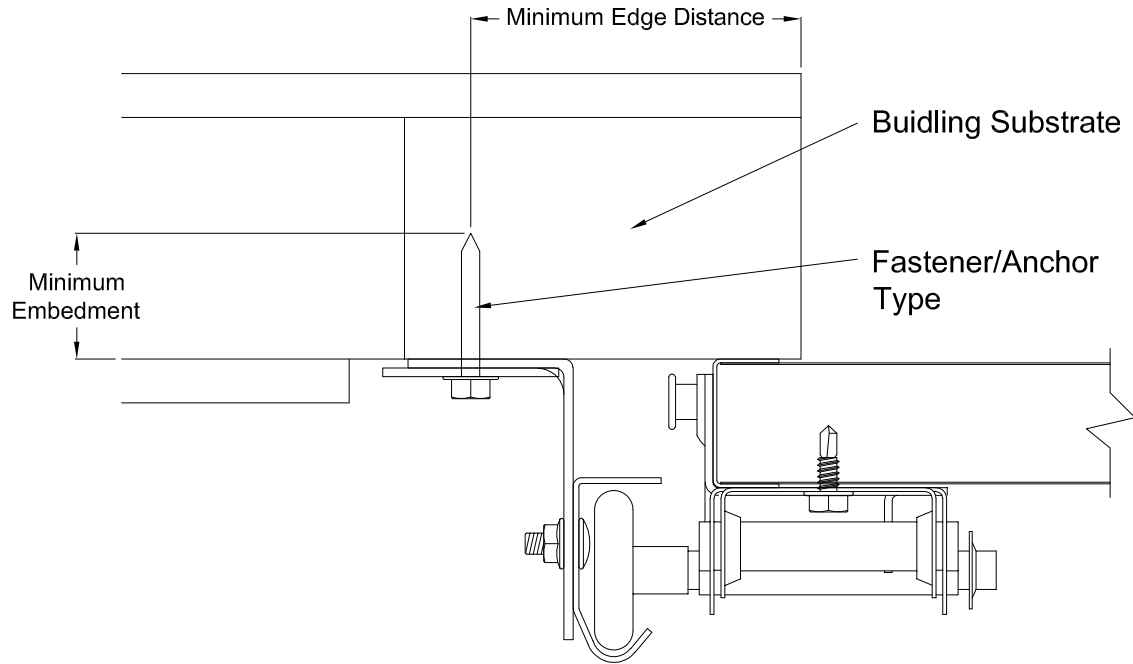


John E Scates, P.E.  
8811 Teel Pkwy #100-5175  
Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FL #16650.12

|  |                                                                                                                   |                            |                           |
|--|-------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|
|  | <b>DESCRIPTION:</b><br>16' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR<br>DESIGN PRESSURE +18.3/-20.4 PSF |                            |                           |
|  | <b>DRAWING NO.:</b> WL-2000-0194-08-18-20                                                                         | <b>REV.</b> J              |                           |
|  | <b>DRAWN BY:</b> MVS                                                                                              | <b>DATE DRAWN:</b> 7/27/15 | <b>REV. DATE:</b> 10/1/25 |
|  | <b>MODEL(S):</b> See Sheet 3                                                                                      |                            | <b>SHEET: 3 OF 4</b>      |

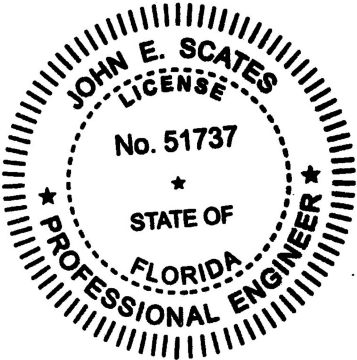
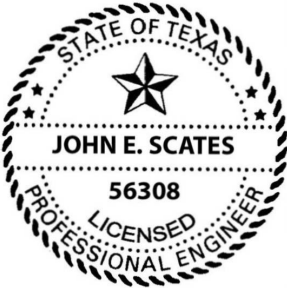


Direct Mounting Detail

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 Minimum  | 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.



John E. Scates, P.E.  
8811 Teel Pkwy #100-5175  
Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FL #16650.12

|                                                                                                            |                            |                                                                                                                   |                      |
|------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------|
| <br>A Notzger Company |                            | <b>DESCRIPTION:</b><br>16' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR<br>DESIGN PRESSURE +18.3/-20.4 PSF |                      |
| <b>DRAWING NO.:</b> WL-2000-0194-08-18-20                                                                  |                            | <b>REV.</b> J                                                                                                     |                      |
| <b>DRAWN BY:</b> MVS                                                                                       | <b>DATE DRAWN:</b> 7/27/15 | <b>REV. DATE:</b> 10/1/25                                                                                         |                      |
| <b>MODEL(S):</b> See Sheet 3                                                                               |                            |                                                                                                                   | <b>SHEET: 4 OF 4</b> |