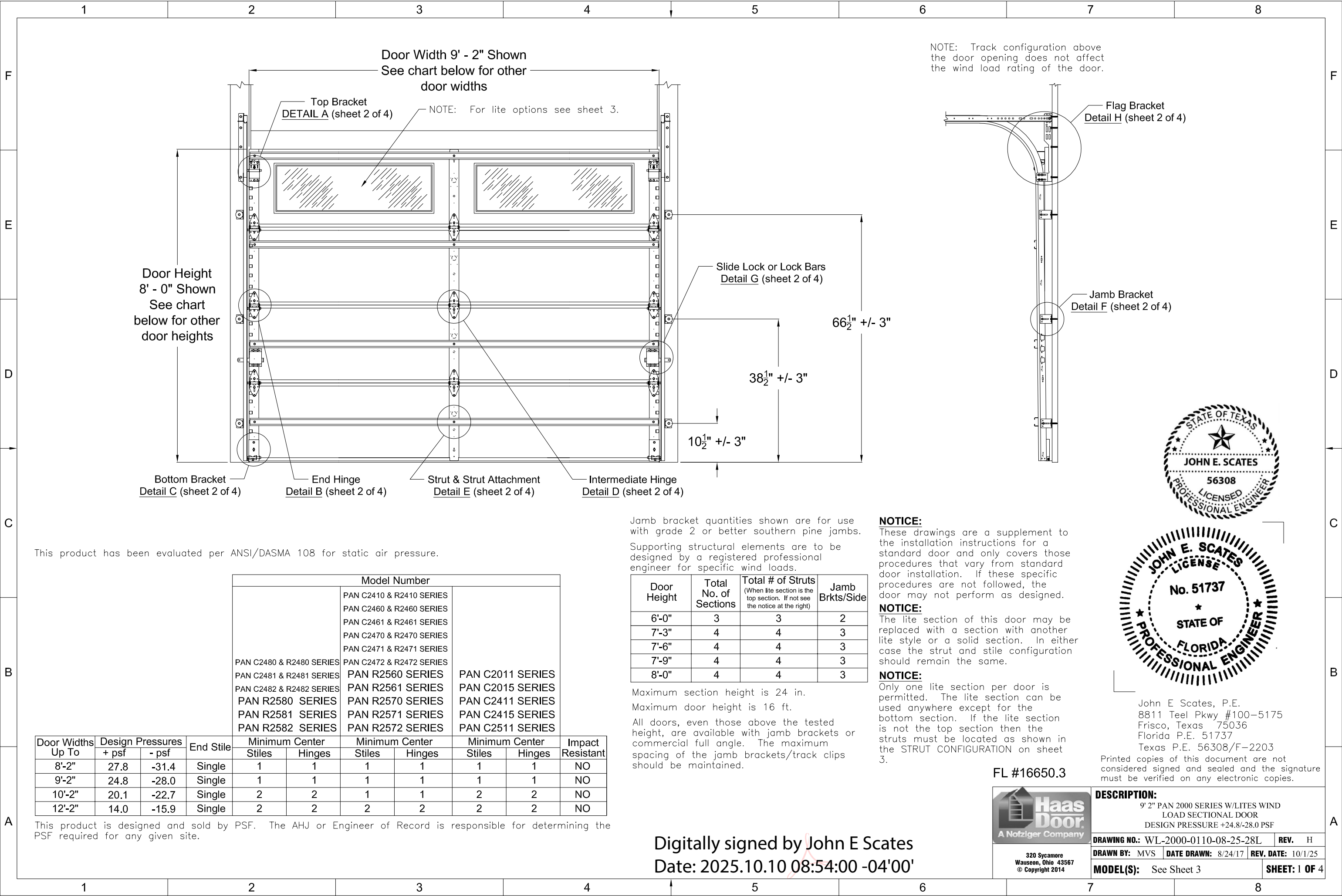




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

				Model Number								
						PAN C2410 & R2410 SERIES		PAN C2011 SERIES				
						PAN C2460 & R2460 SERIES						
						PAN C2461 & R2461 SERIES						
						PAN C2470 & R2470 SERIES						
						PAN C2471 & R2471 SERIES						
				PAN C2480 & R2480 SERIES		PAN C2472 & R2472 SERIES						
				PAN C2481 & R2481 SERIES		PAN R2560 SERIES						
				PAN C2482 & R2482 SERIES		PAN R2561 SERIES			PAN C2015 SERIES			
				PAN R2580 SERIES		PAN R2570 SERIES			PAN C2411 SERIES			
PAN R2581 SERIES		PAN R2571 SERIES			PAN C2415 SERIES							
PAN R2582 SERIES		PAN R2572 SERIES			PAN C2511 SERIES							
Door Widths Up To	Design Pressures		End Stile	Minimum Center		Minimum Center		Minimum Center		Impact Resistant		
	+ psf	- psf		Stiles	Hinges	Stiles	Hinges	Stiles	Hinges			
8'-2"	27.8	-31.4	Single	1	1	1	1	1	1	NO		
9'-2"	24.8	-28.0	Single	1	1	1	1	1	1	NO		
10'-2"	20.1	-22.7	Single	2	2	1	1	2	2	NO		
12'-2"	14.0	-15.9	Single	2	2	2	2	2	2	NO		

This product is designed and sold by PSF. The AHJ or Engineer of Record is responsible for determining the PSF required for any given site.

Jamb bracket quantities shown are for use with grade 2 or better southern pine jambs.

Supporting structural elements are to be designed by a registered professional engineer for specific wind loads.

Door Height	Total No. of Sections	Total # of Struts (When lite section is the top section. If not see the notice at the right)	Jamb Brkts/Side
6'-0"	3	3	2
7'-3"	4	4	3
7'-6"	4	4	3
7'-9"	4	4	3
8'-0"	4	4	3

Maximum section height is 24 in.

Maximum door height is 16 ft.

All doors, even those above the tested height, are available with jamb brackets or commercial full angle. The maximum spacing of the jamb brackets/track clips should be maintained.

NOTICE:
These drawings are a supplement to the installation instructions for a standard door and only covers those procedures that vary from standard door installation. If these specific procedures are not followed, the door may not perform as designed.

NOTICE:
The lite section of this door may be replaced with a section with another lite style or a solid section. In either case the strut and stile configuration should remain the same.

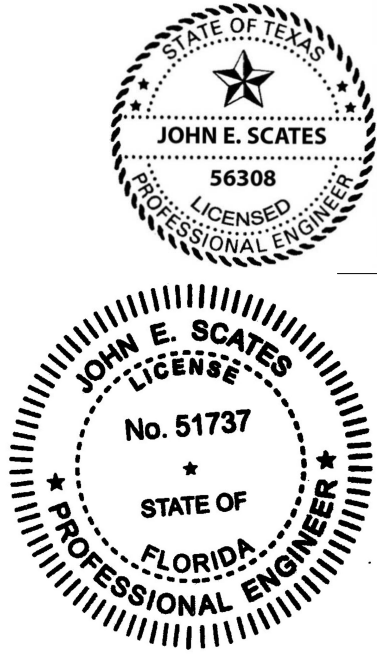
NOTICE:
Only one lite section per door is permitted. The lite section can be used anywhere except for the bottom section. If the lite section is not the top section then the struts must be located as shown in the STRUT CONFIGURATION on sheet 3.

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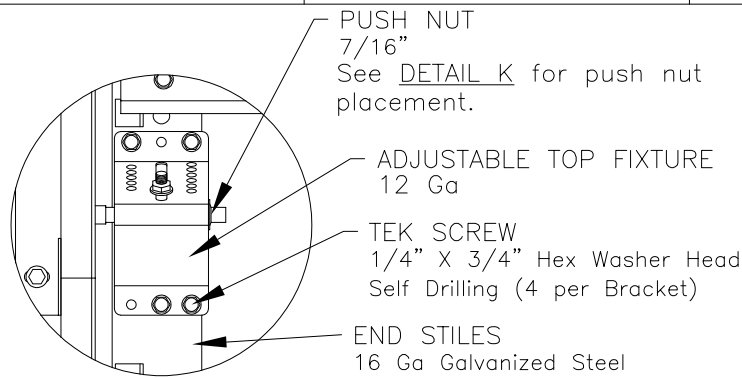
320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION: 9' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +24.8/-28.0 PSF			
DRAWING NO.: WL-2000-0110-08-25-28L		REV. H	
DRAWN BY: MVS	DATE DRAWN: 8/24/17	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3		SHEET: 1 OF 4	

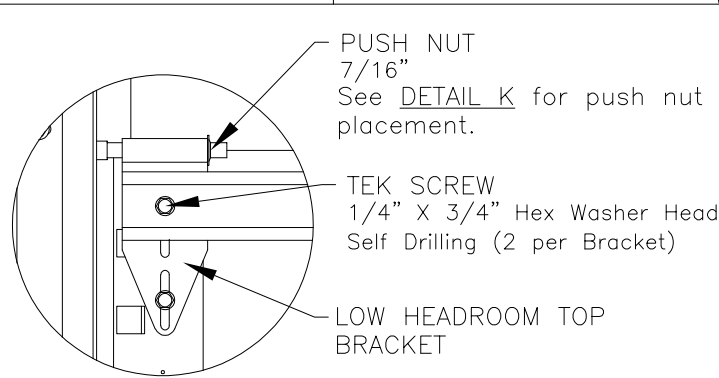


John E. Scates, P.E.
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Texas P.E. 56308/F-2203
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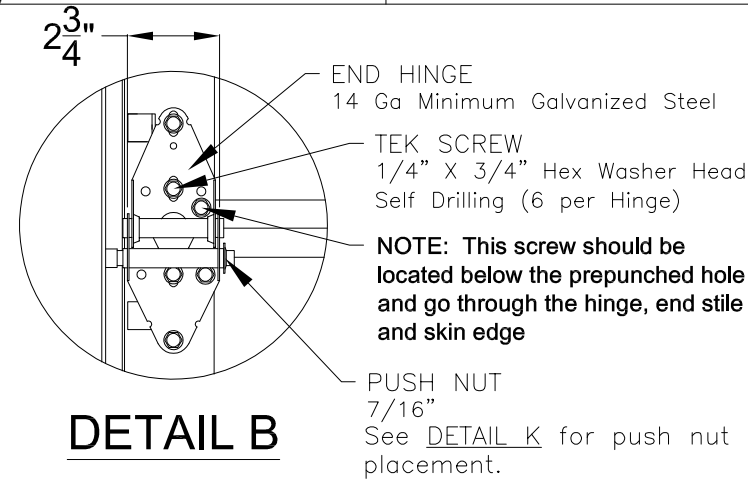
Digitally signed by John E Scates
Date: 2025.10.10 08:54:00 -04'00'



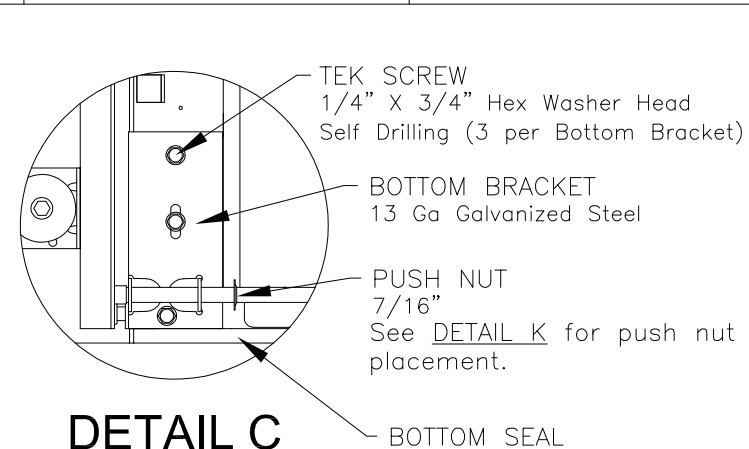
DETAIL A



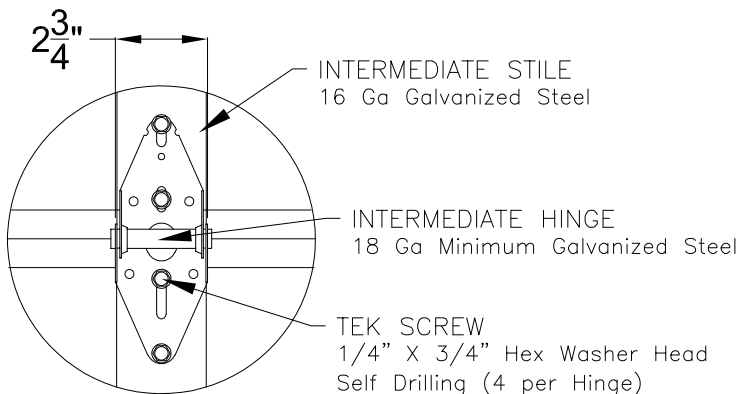
LOW HEADROOM
TOP BRACKET



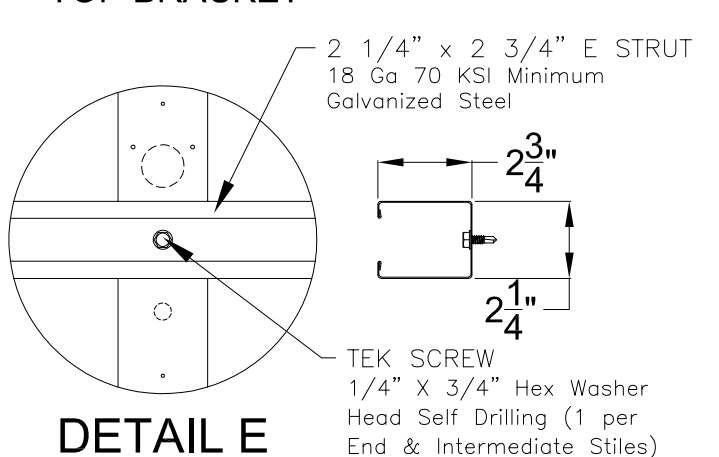
DETAIL B



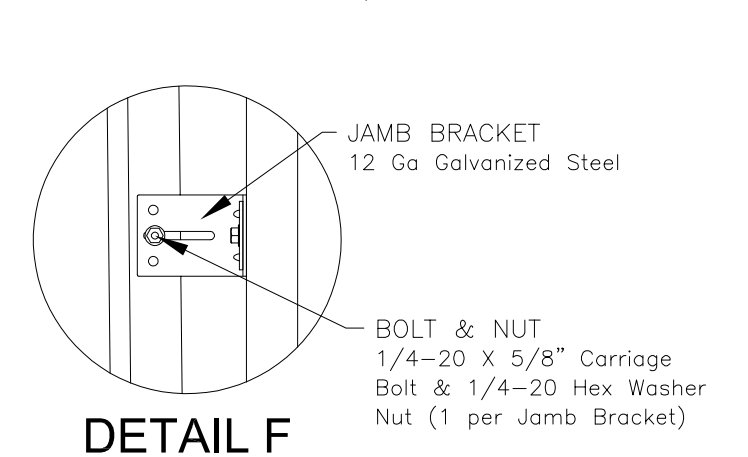
DETAIL C



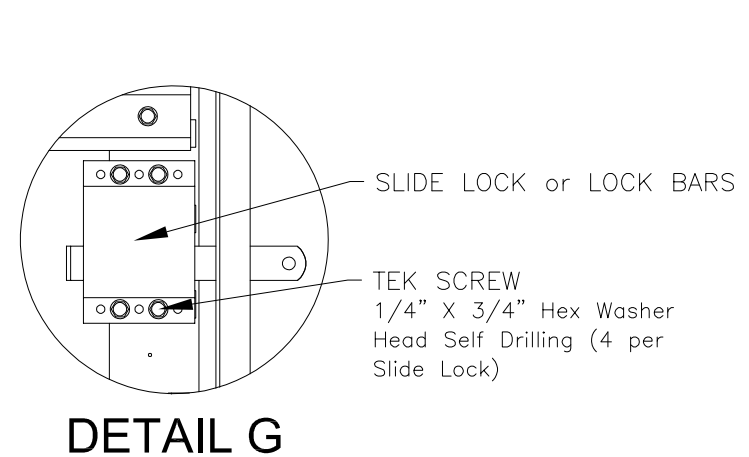
DETAIL D



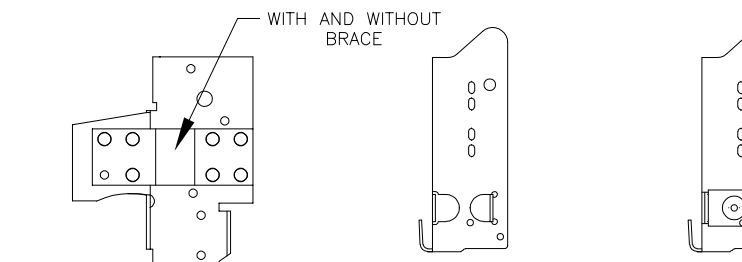
DETAIL E



DETAIL F



DETAIL G



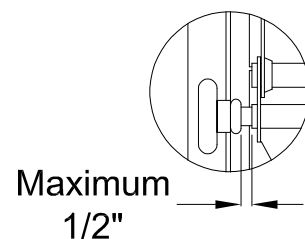
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles

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

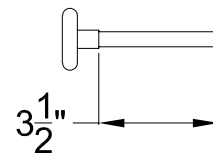
ALTERNATE BOTTOM BRACKETS

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



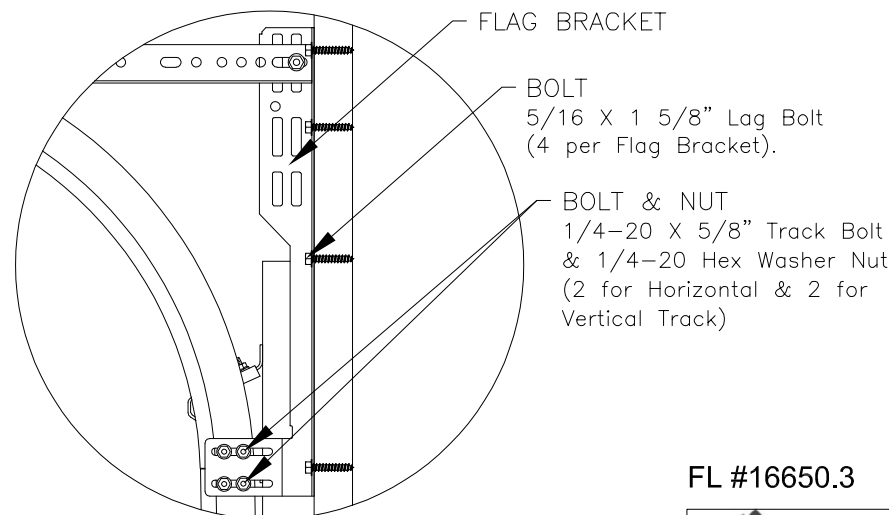
DETAIL K

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.



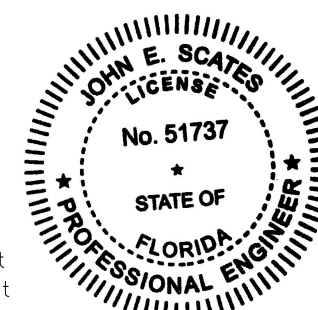
ROLLER

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.



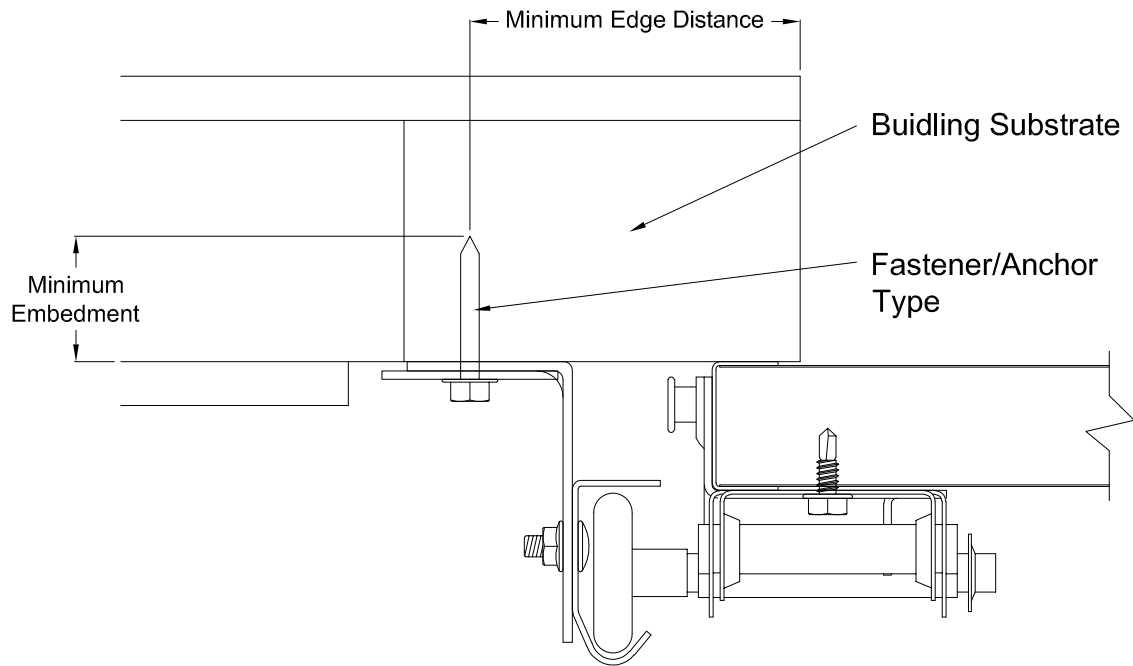
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Florida P.E. 51737
Texas P.E. 56308/F-2203

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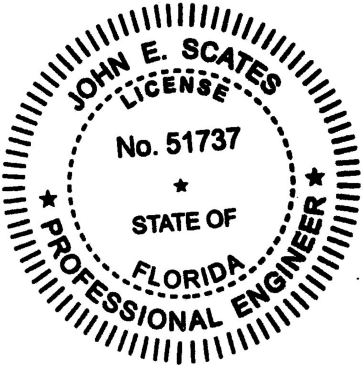
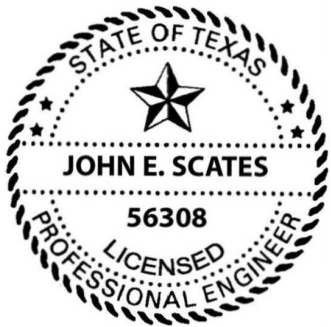
DESCRIPTION: 9' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +24.8/-28.0 PSF			
DRAWING NO.: WL-2000-0110-08-25-28L	REV. H		
DRAWN BY: MVS	DATE DRAWN: 8/24/17	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4



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.



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Wauseon, Ohio 43567
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DESCRIPTION: 9' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +24.8/-28.0 PSF			
DRAWING NO.: WL-2000-0110-08-25-28L	REV. H		
DRAWN BY: MVS	DATE DRAWN: 8/24/17	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3			SHEET: 4 OF 4