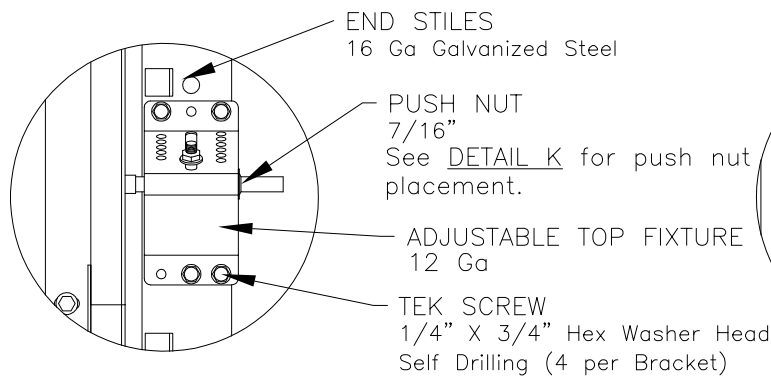
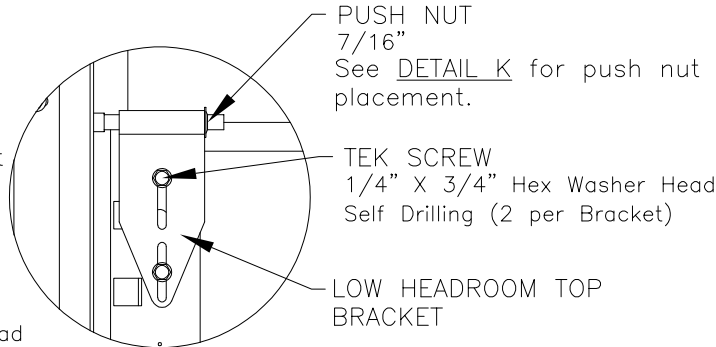
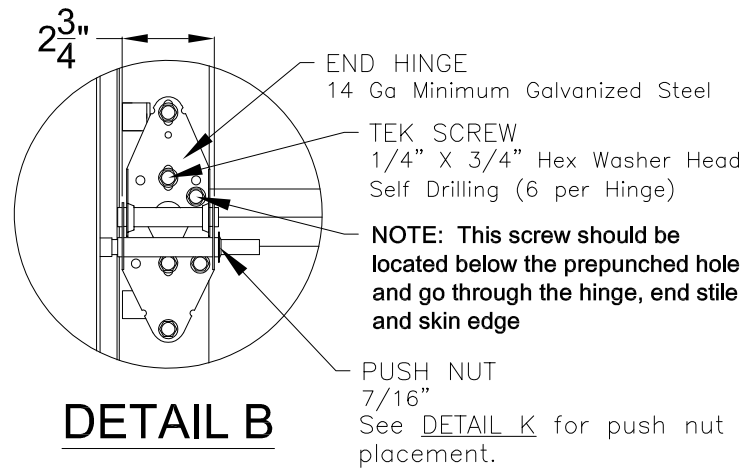




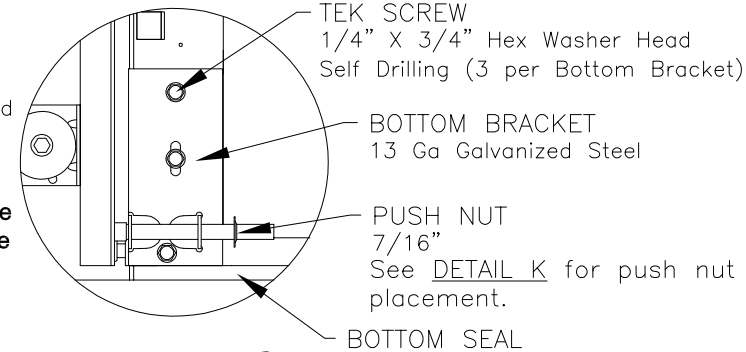
DETAIL A



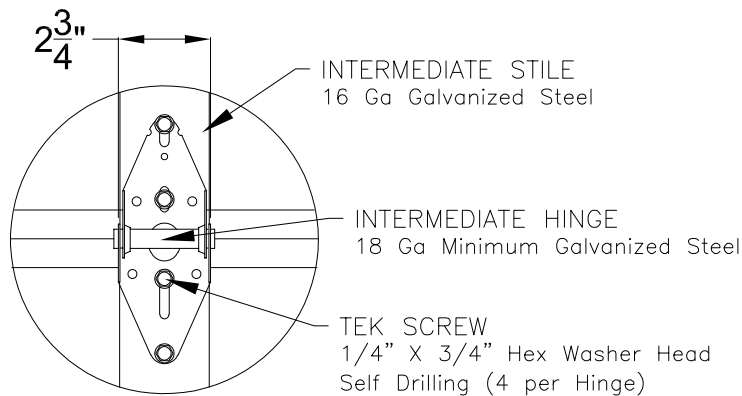
LOW HEADROOM TOP BRACKET



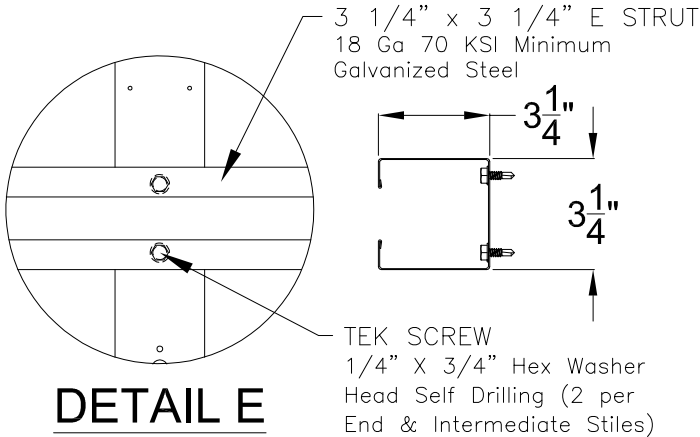
DETAIL B



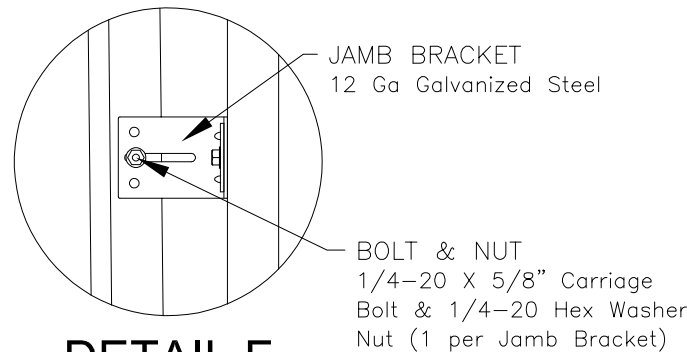
DETAIL C



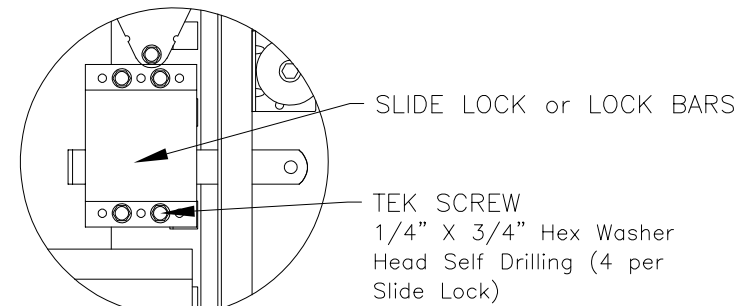
DETAIL D



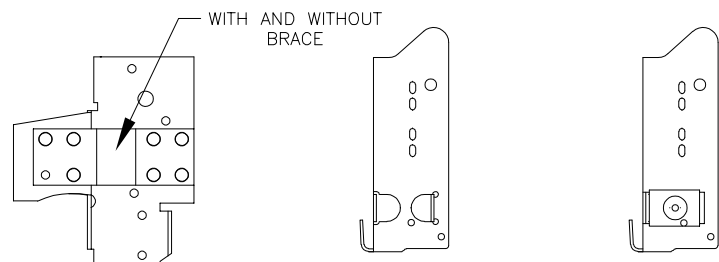
DETAIL E



DETAIL F



DETAIL G



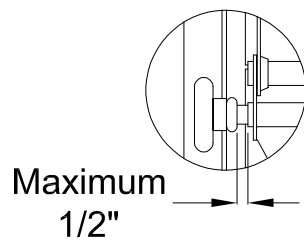
RESIDENTIAL & LIGHT COMMERCIAL
For Low Headroom With 2" Track and Single End Stiles

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

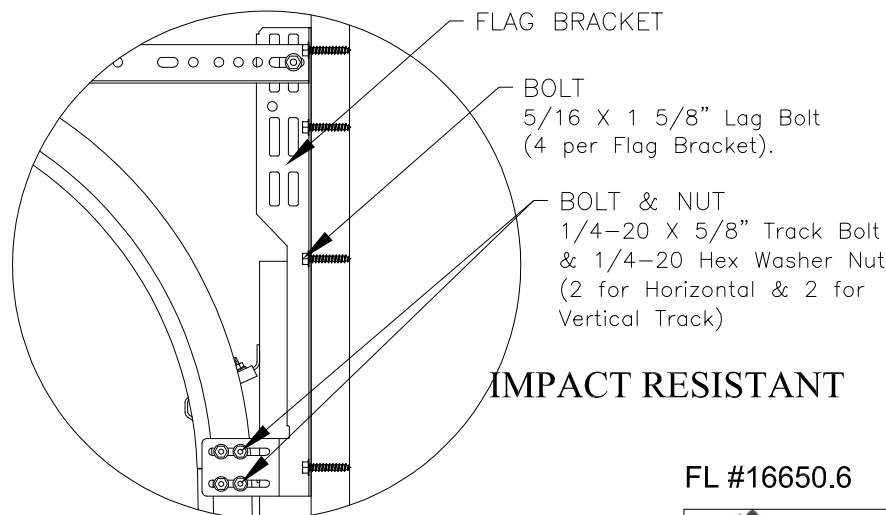
NOTE: The bottom bracket tested (shown in DETAIL C) is the lightest bracket available.



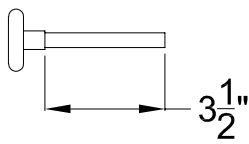
DETAIL K

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.

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

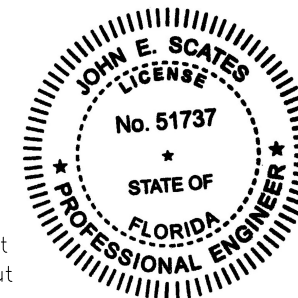
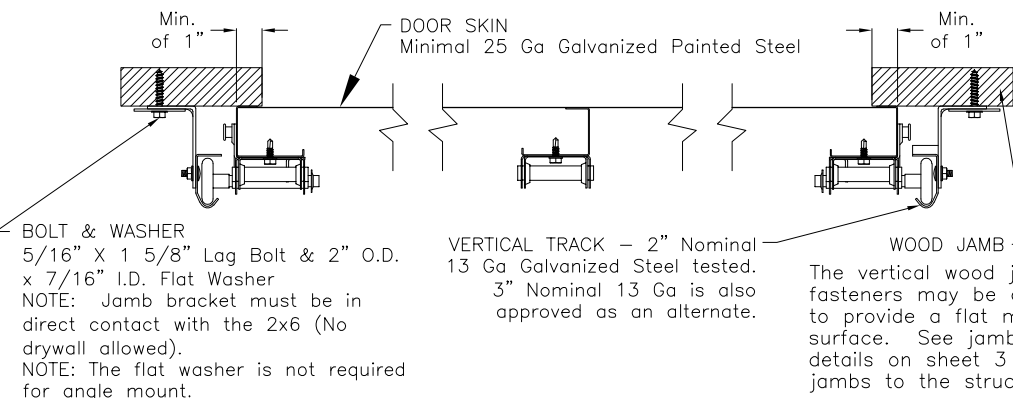


DETAIL H



ROLLER

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



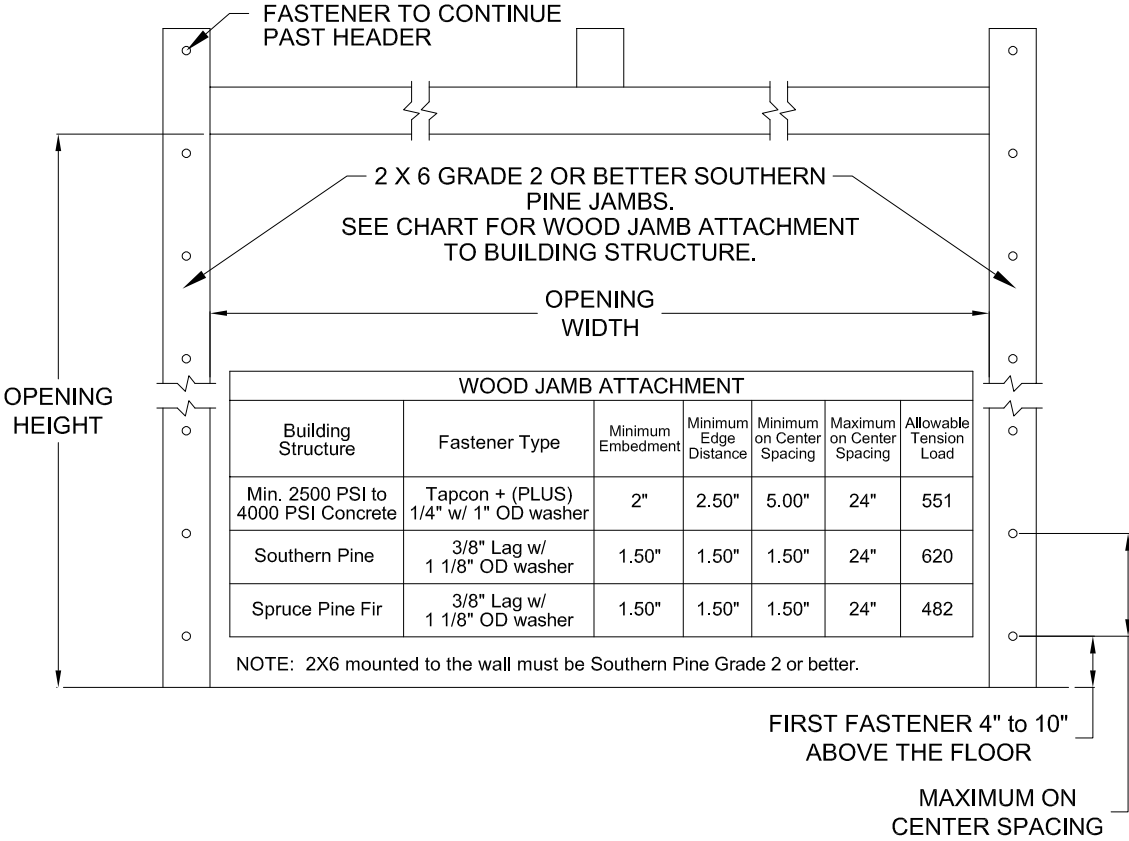
John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203

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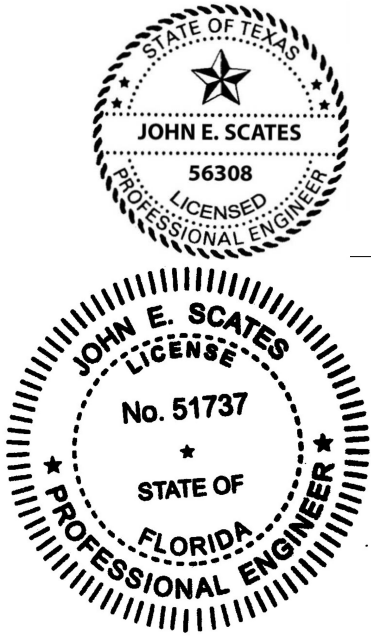


DESCRIPTION: 9' 2" PAN 2000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +35.0/-39.0 PSF			
DRAWING NO.: WL-2000-0110-08-35-39	REV. L		
DRAWN BY: MVS	DATE DRAWN: 5/30/14	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4



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 C2471 & R2471 SERIES
PAN C2472 & R2472 SERIES
PAN C2480 & R2480 SERIES
PAN C2481 & R2481 SERIES
PAN C2482 & R2482 SERIES
PAN R2560 SERIES
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PAN R2571 SERIES
PAN R2572 SERIES
PAN R2580 SERIES
PAN R2581 SERIES
PAN R2582 SERIES



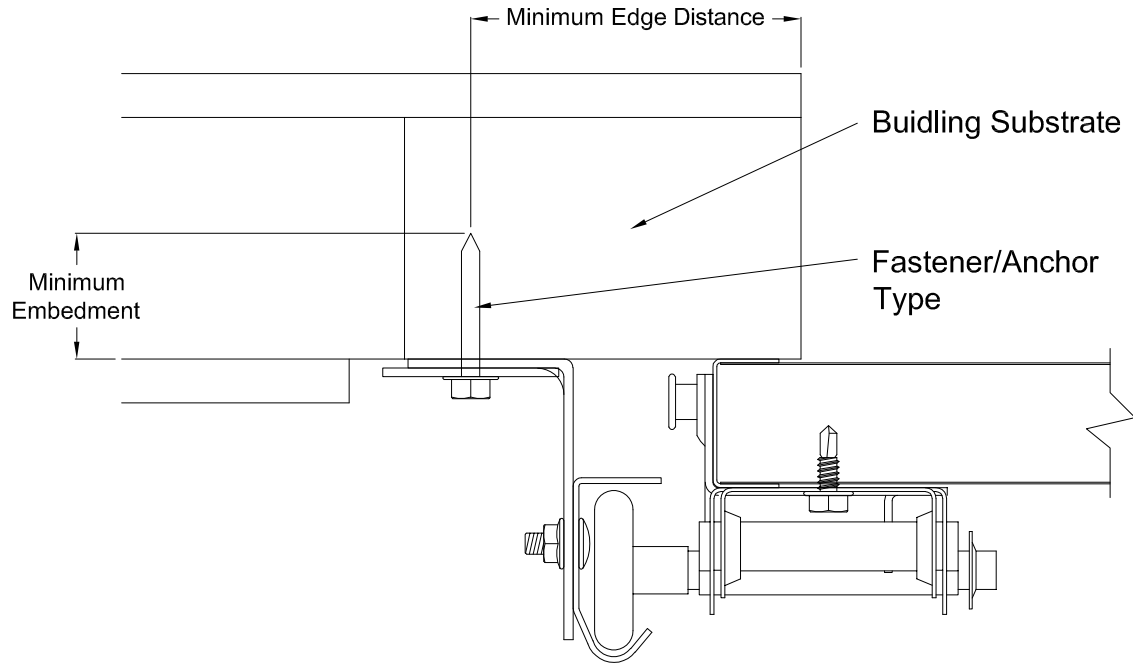
John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203

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IMPACT RESISTANT

FL #16650.6

	DESCRIPTION: 9' 2" PAN 2000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +35.0/-39.0 PSF		
	DRAWING NO.: WL-2000-0110-08-35-39	REV. L	
	DRAWN BY: MVS	DATE DRAWN: 5/30/14	REV. DATE: 10/1/25
	MODEL(S): See Sheet 3		SHEET: 3 OF 4

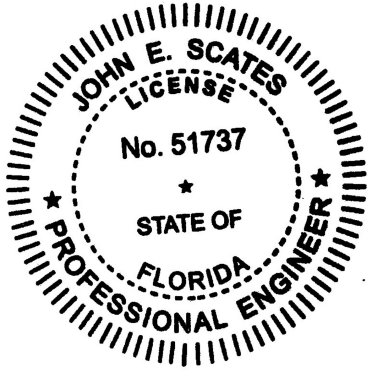
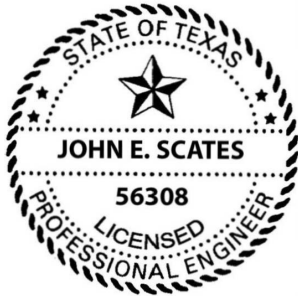


Direct Mounting Detail

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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IMPACT RESISTANT

FL #16650.6

 Haas Door. A Nofziger Company 320 Sycamore Wauseon, Ohio 43567 © Copyright 2014	DESCRIPTION: 9' 2" PAN 2000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +35.0/-39.0 PSF			
	DRAWING NO.: WL-2000-0110-08-35-39			REV. L
	DRAWN BY: MVS	DATE DRAWN: 5/30/14	REV. DATE: 10/1/25	
	MODEL(S): See Sheet 3			SHEET: 4 OF 4