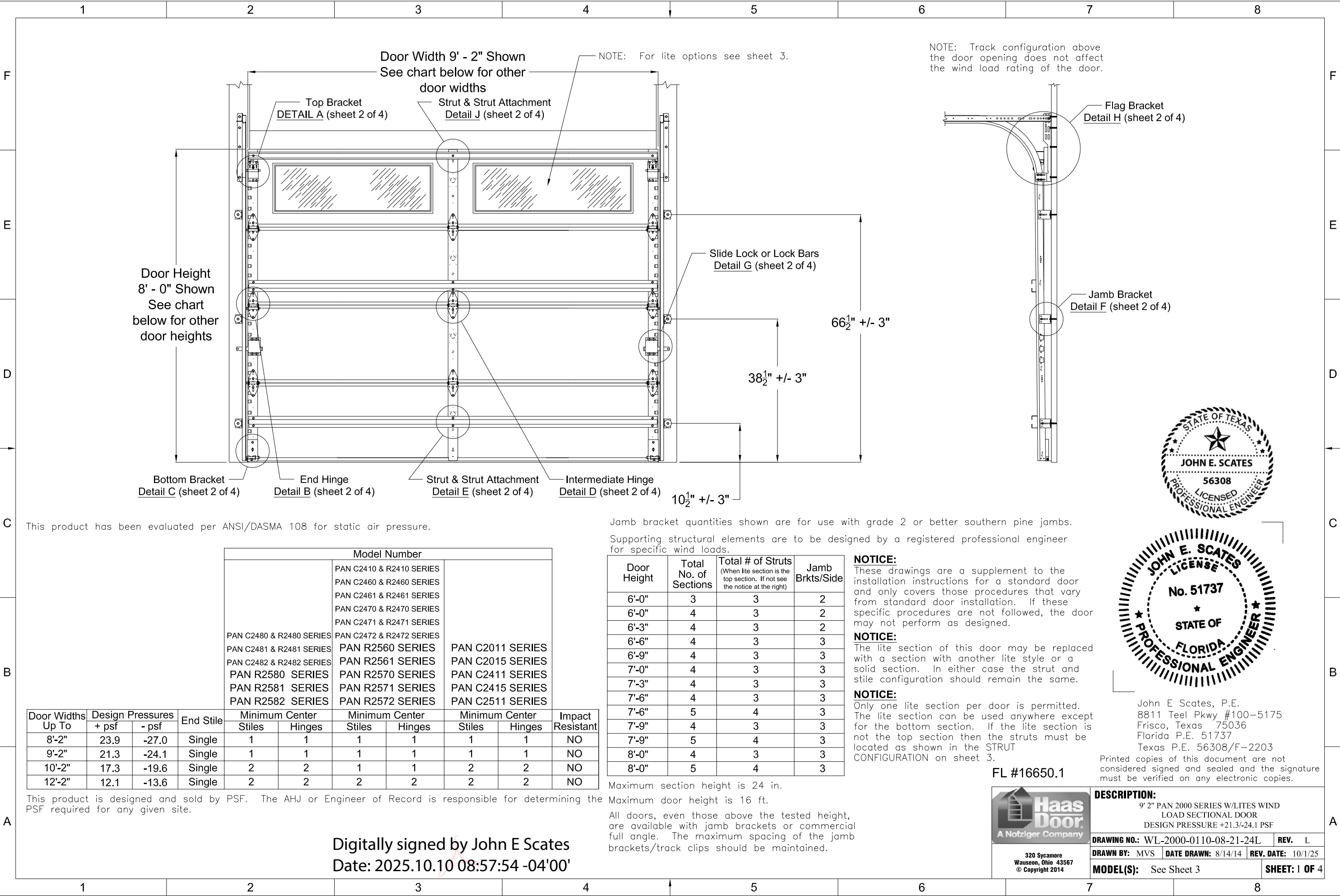
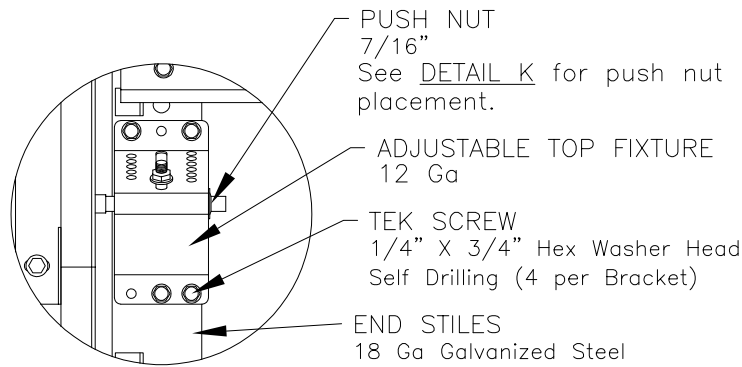
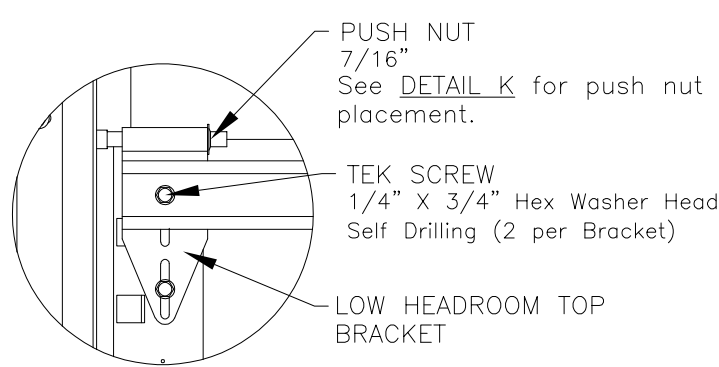


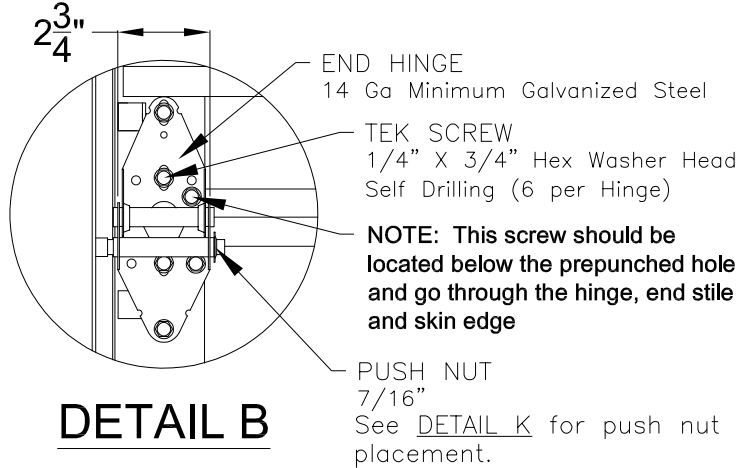




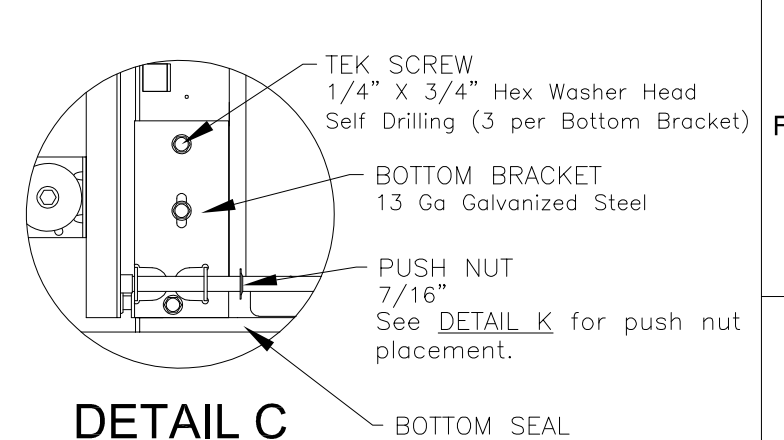
DETAIL A



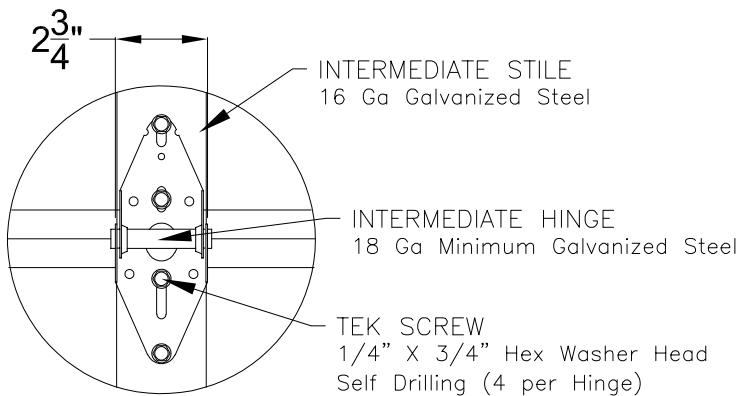
LOW HEADROOM
TOP BRACKET



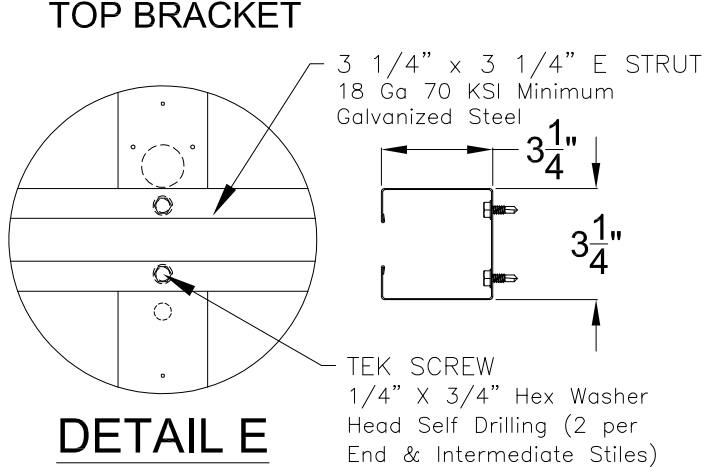
DETAIL B



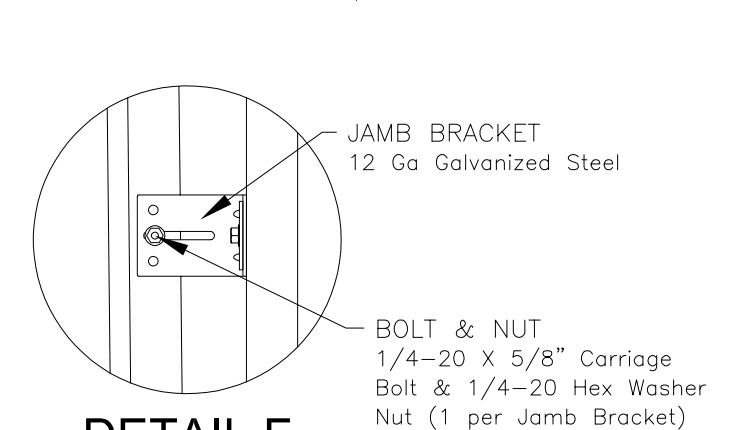
DETAIL C



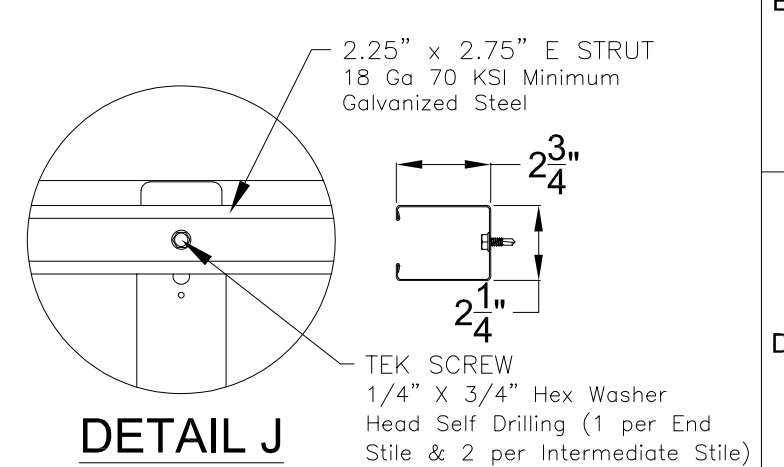
DETAIL D



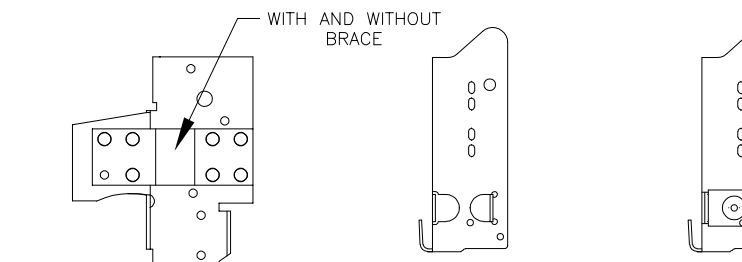
DETAIL E



DETAIL F



DETAIL J



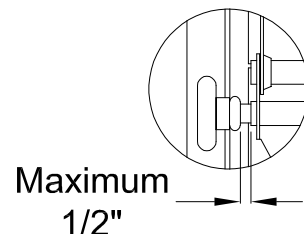
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles

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

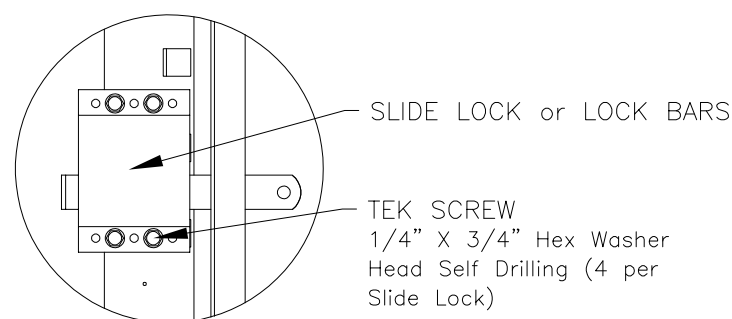
ALTERNATE BOTTOM BRACKETS

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

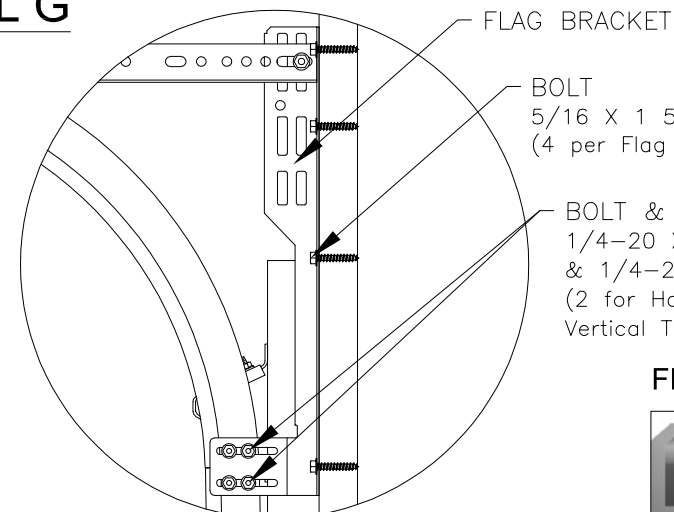


DETAIL K

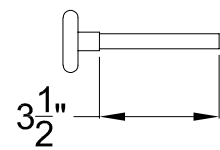
There should be a
space of maximum
1/2" between the roller
hub and the outside
edge of the roller
holder which is set by
the push nut.



DETAIL G



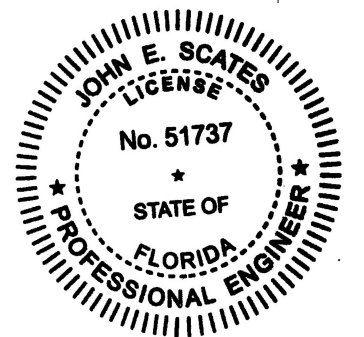
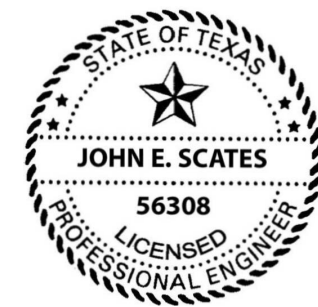
DETAIL H



ROLLER

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

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

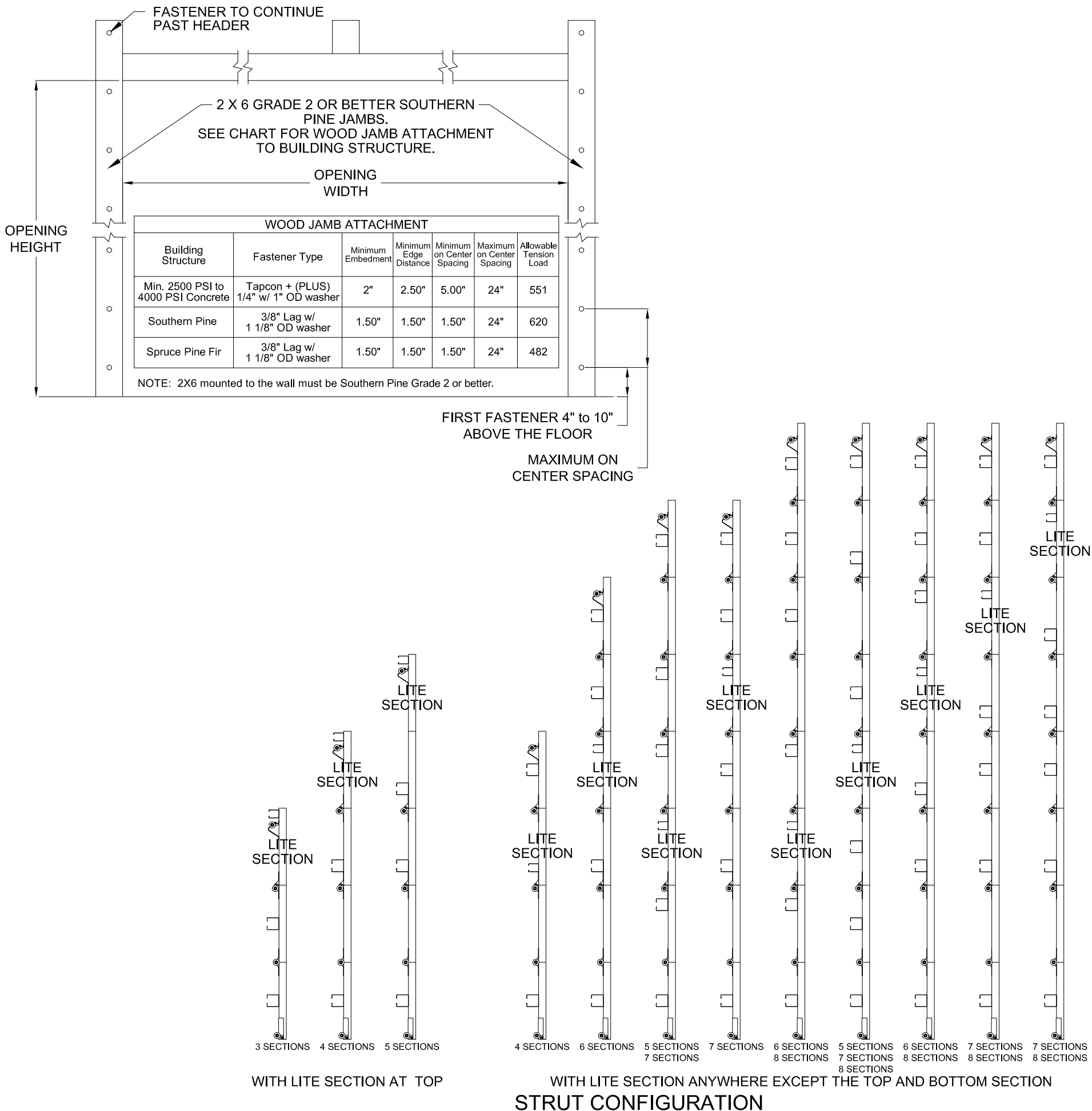
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

FL #16650.1

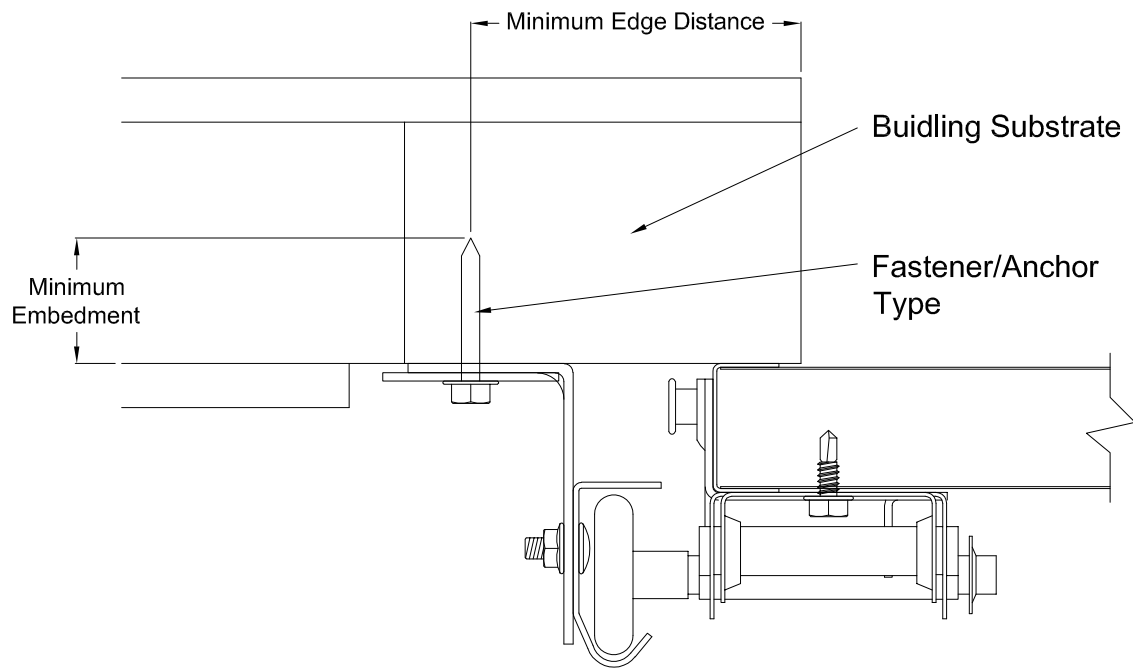


DESCRIPTION:			
9' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +21.3/-24.1 PSF			
DRAWING NO.: WL-2000-0110-08-21-24L	REV. L		
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4

320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014



DRAWING NO.: WL-2000-0110-08-21-24L		REV.: L
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 10/1/25
MODEL(S): See Sheet 3		SHEET: 3 OF 4

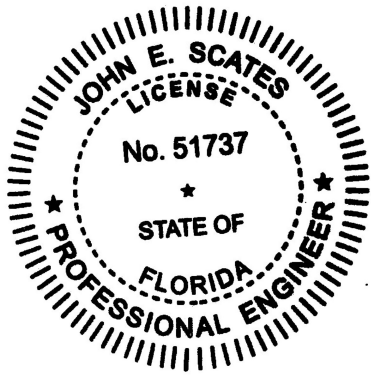
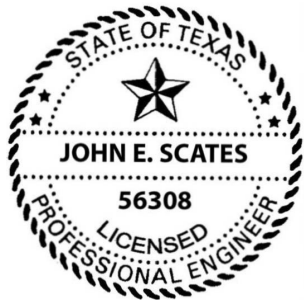


Direct Mounting Detail

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.



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 #16650.1



320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014

DESCRIPTION: 9' 2" PAN 2000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +21.3/-24.1 PSF			
DRAWING NO.: WL-2000-0110-08-21-24L	REV. L		
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 10/1/25	
MODEL(S): See Sheet 3			SHEET: 4 OF 4