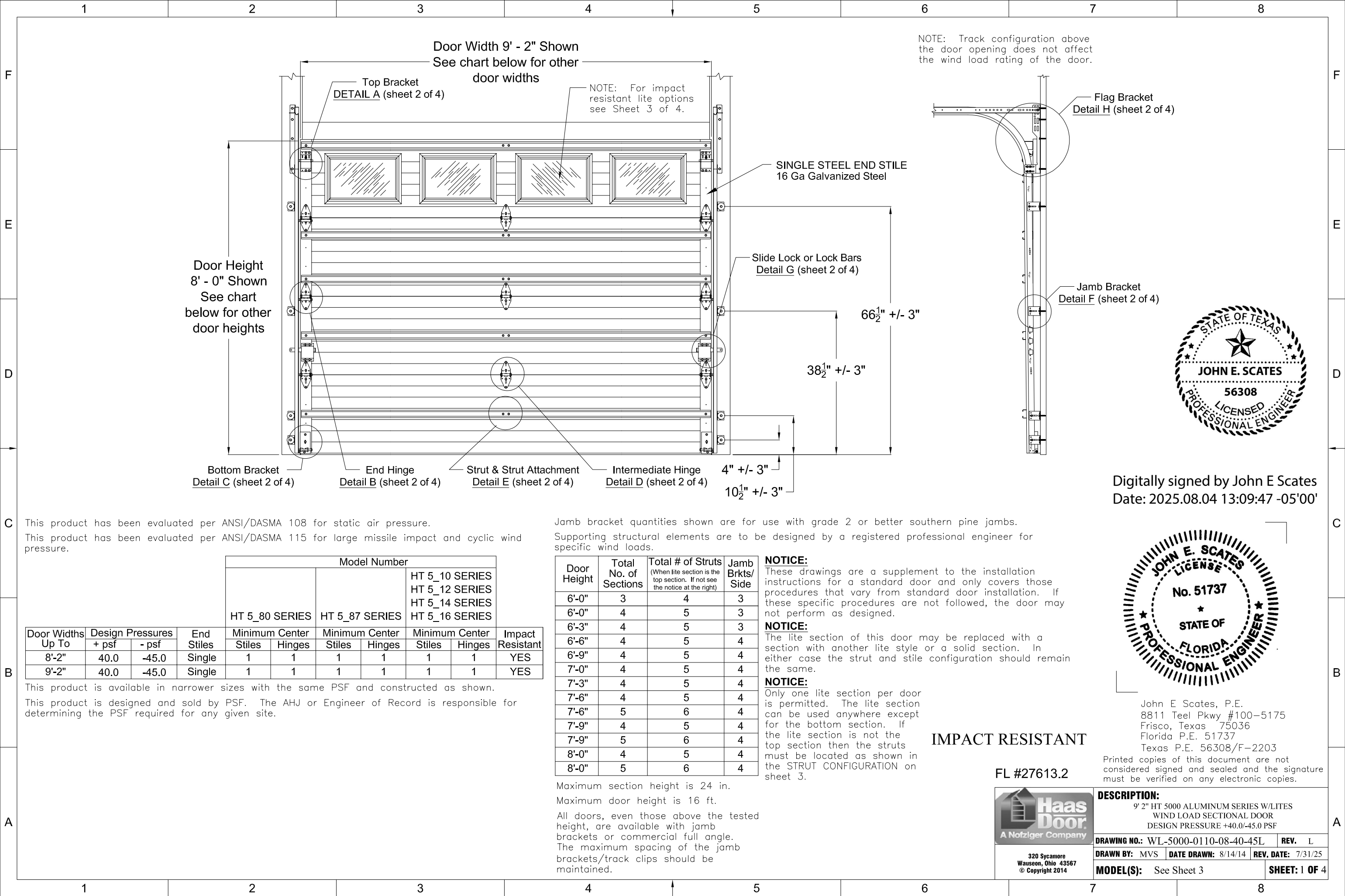




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

This product has been evaluated per ANSI/DASMA 115 for large missile impact and cyclic wind pressure.

			Model Number							
			HT 5_80 SERIES		HT 5_87 SERIES		HT 5_10 SERIES HT 5_12 SERIES HT 5_14 SERIES HT 5_16 SERIES			
Door Widths Up To	Design Pressures		End Stiles	Minimum Center		Minimum Center		Minimum Center		Impact Resistant
	+ psf	- psf		Stiles	Hinges	Stiles	Hinges	Stiles	Hinges	
8'-2"	40.0	-45.0	Single	1	1	1	1	1	1	YES
9'-2"	40.0	-45.0	Single	1	1	1	1	1	1	YES

This product is available in narrower sizes with the same PSF and constructed as shown.

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	4	3
6'-0"	4	5	3
6'-3"	4	5	3
6'-6"	4	5	4
6'-9"	4	5	4
7'-0"	4	5	4
7'-3"	4	5	4
7'-6"	4	5	4
7'-6"	5	6	4
7'-9"	4	5	4
7'-9"	5	6	4
8'-0"	4	5	4
8'-0"	5	6	4

Maximum section height is 24 in.

Maximum door height is 16 ft.

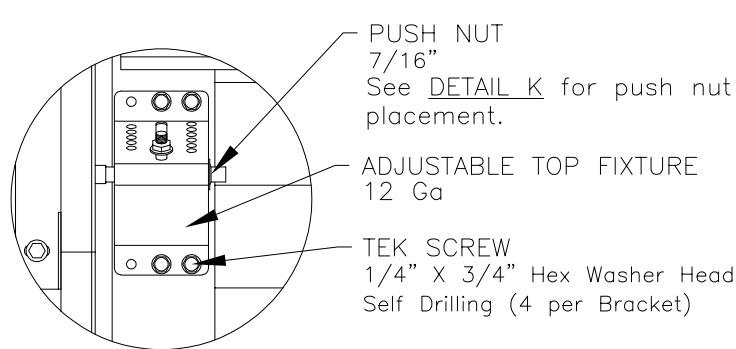
All doors, even those above the tested height, are available with jamb brackets or commercial full angle.

The maximum spacing of the jamb brackets/track clips should be maintained.

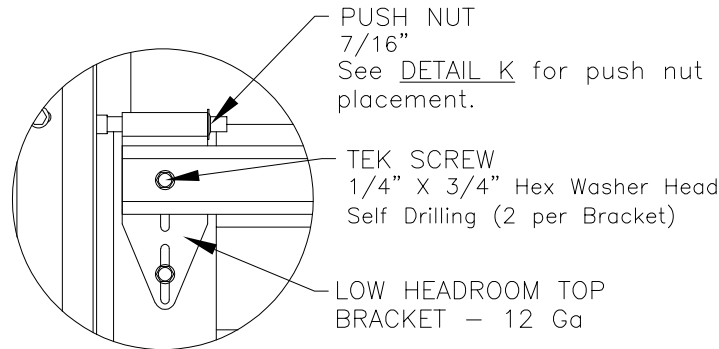
NOTICE:
These drawings are a supplement to the installation instructions for a standard door and only covers those procedures that vary from standard door installation. If these specific procedures are not followed, the door may not perform as designed.

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.

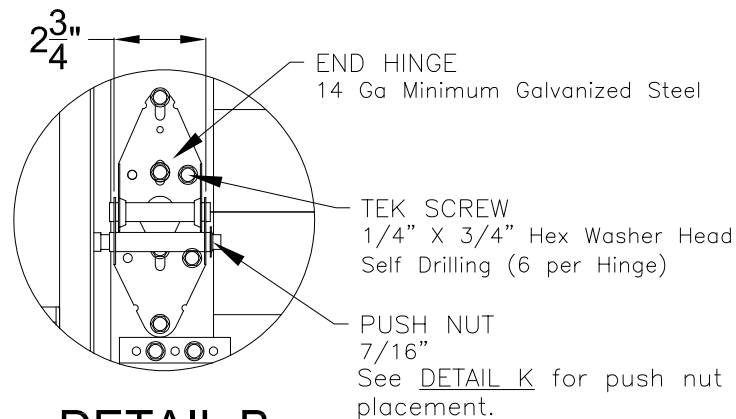
NOTICE:
Only one lite section per door is permitted. The lite section can be used anywhere except for the bottom section. If the lite section is not the top section then the struts must be located as shown in the STRUT CONFIGURATION on sheet 3.



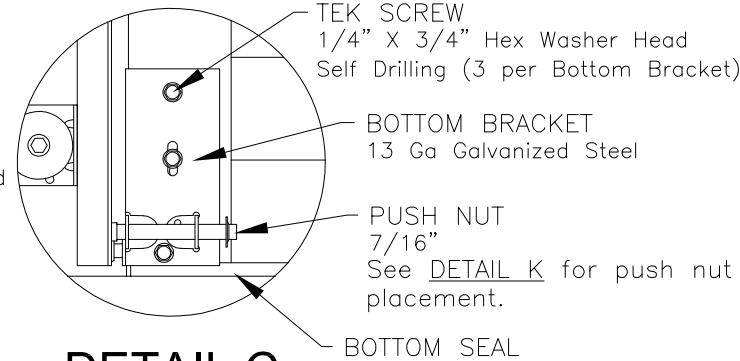
DETAIL A



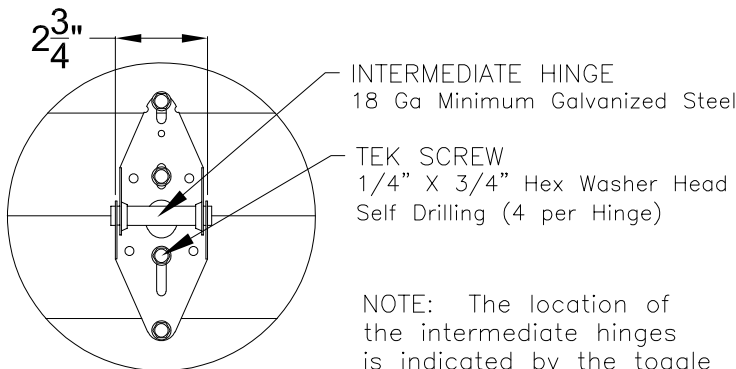
LOW HEADROOM
TOP BRACKET



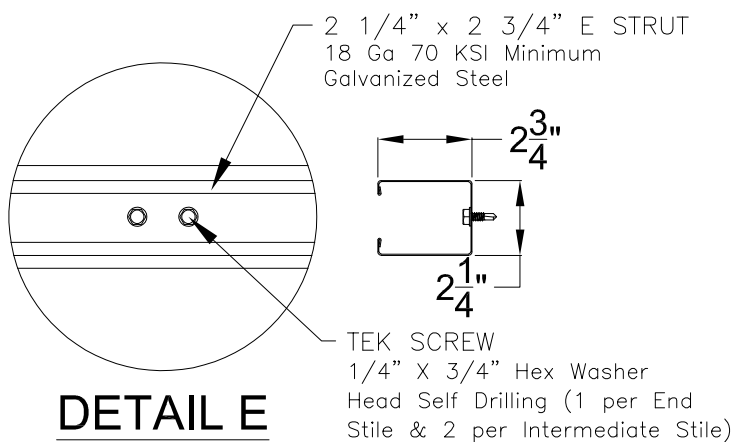
DETAIL B



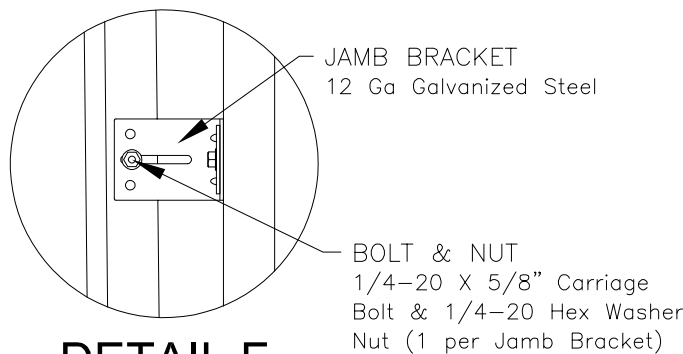
DETAIL C



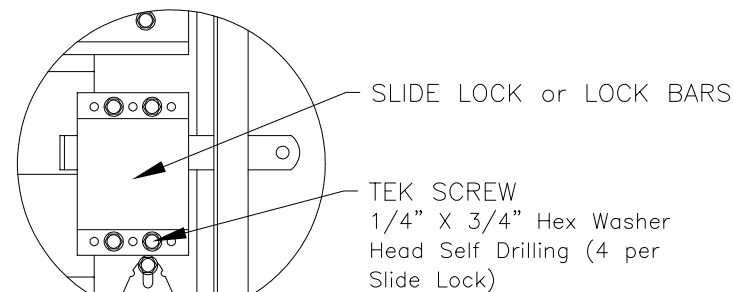
DETAIL D



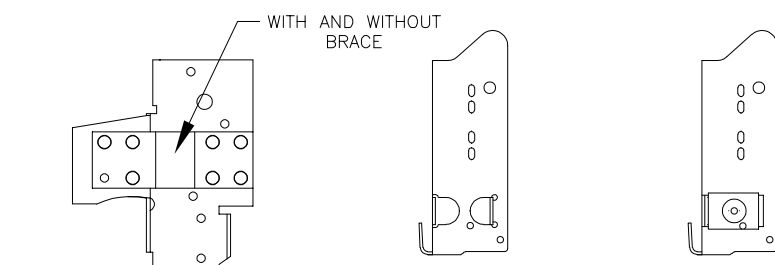
DETAIL E



DETAIL F



DETAIL G



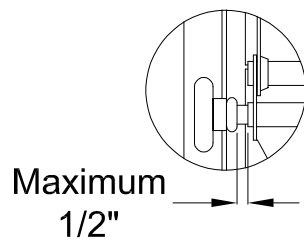
RESIDENTIAL & LIGHT COMMERCIAL For Low Headroom With 2" Track and Single End Stiles

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

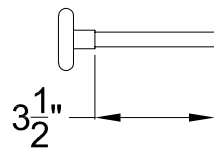
ALTERNATE BOTTOM BRACKETS

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



DETAIL K

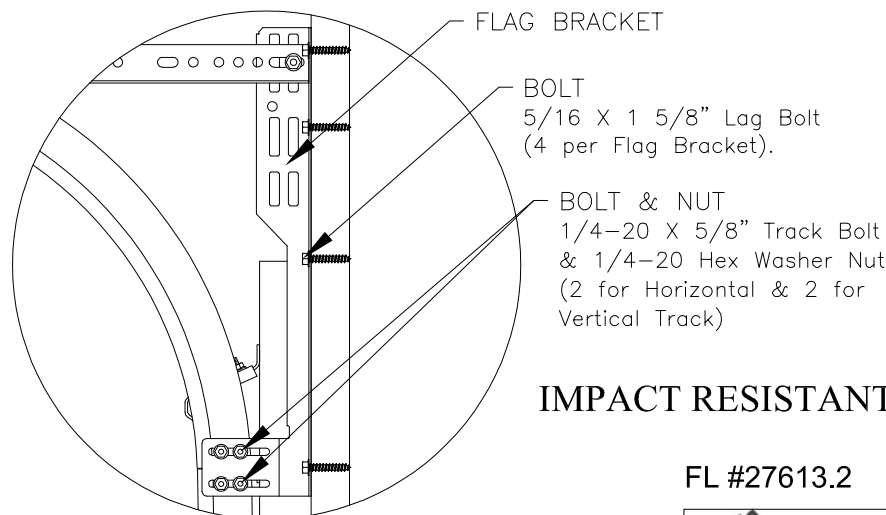
There should be a space of maximum 1/2" between the roller hub and the outside edge of the roller holder which is set by the push nut.



ROLLER

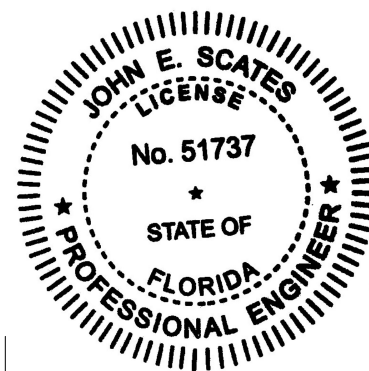
2" Diameter Nominal Eleven Ball Nylon or Ten Ball Steel with a Minimum Workable Shaft Length Shown.

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



DETAIL H

IMPACT RESISTANT



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

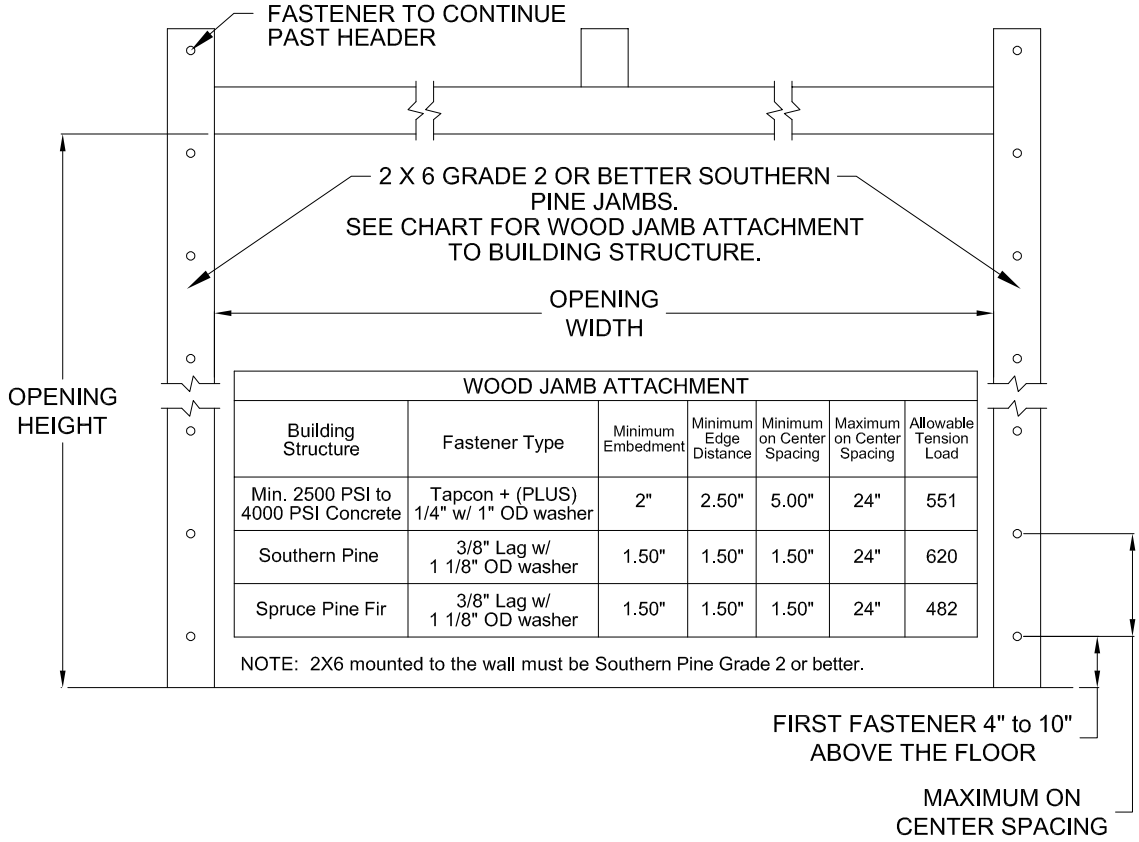
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FL #27613.2



DESCRIPTION: 9' 2" HT 5000 ALUMINUM SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +40.0/-45.0 PSF			
DRAWING NO.: WL-5000-0110-08-40-45L	REV. L		
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 7/31/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4

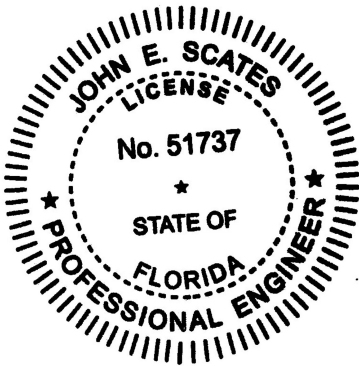
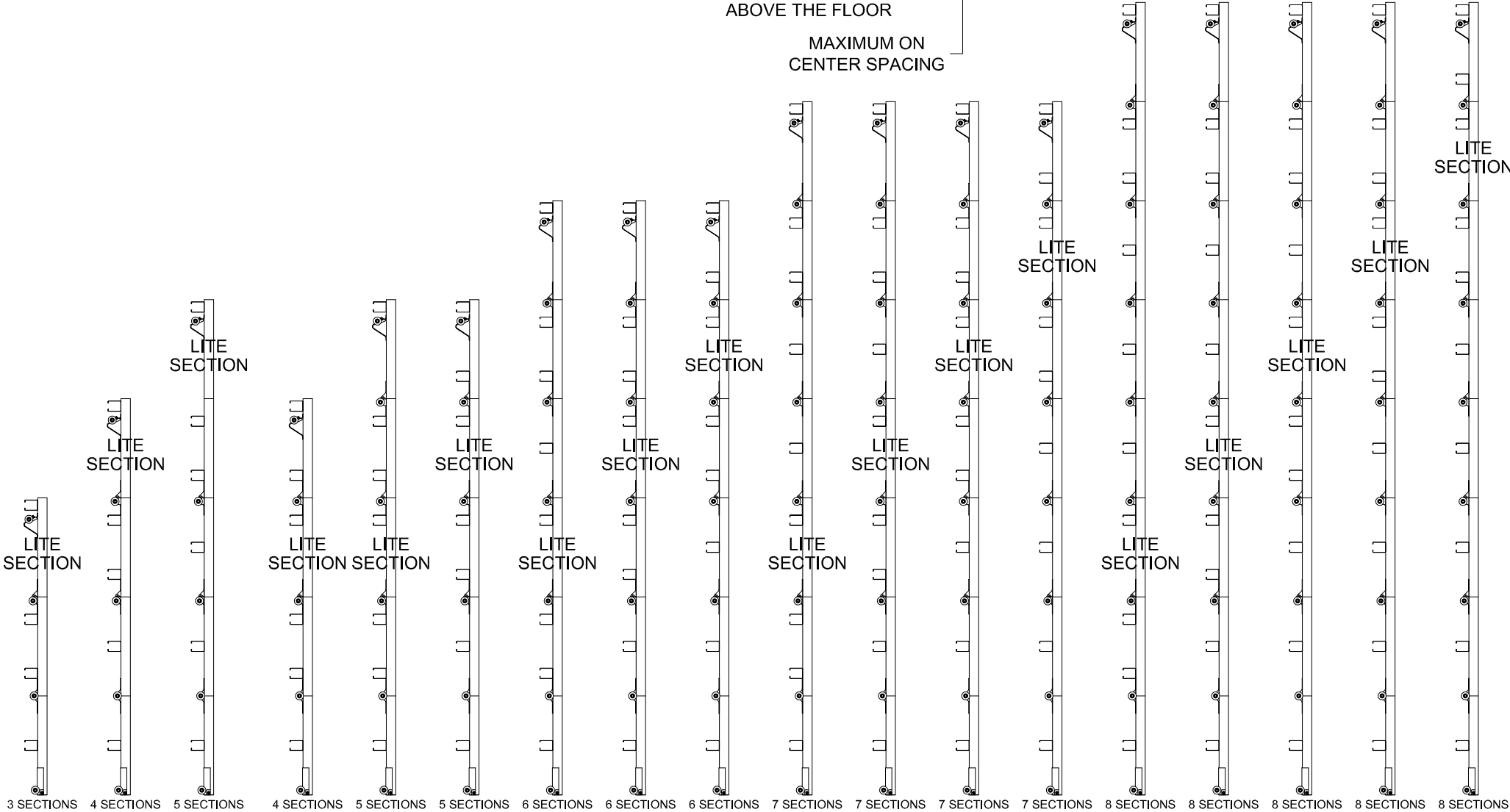
320 Sycamore
Wauseon, Ohio 43567
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MODEL NUMBERS AND IMPACT LITE OPTIONS

MODEL NUMBERS AVAILABLE	LITE OPTIONS AVAILABLE				
	CARRIAGE HOUSE	RANCH	STANDARD	LARGE COMMERCIAL 24 x 12	SMALL COMMERCIAL 24 x 6
HT 5 _10 SERIES			X		
HT 5 _12 SERIES			X		
HT 5 _14 SERIES			X		
HT 5 _16 SERIES			X		
HT5 _80 SERIES			X		
HT5 _87 SERIES			X		
			17 1/2" x 10 1/2"		
DAY LIGHT OPENING (DLO) - WIDE x TALL					

NOTE: ALL LITES CONSIST OF INSIDE AND OUTSIDE ALUMINUM FRAMES AND A POLYCARBONATE INSERT WITH MACHINED GROVES.



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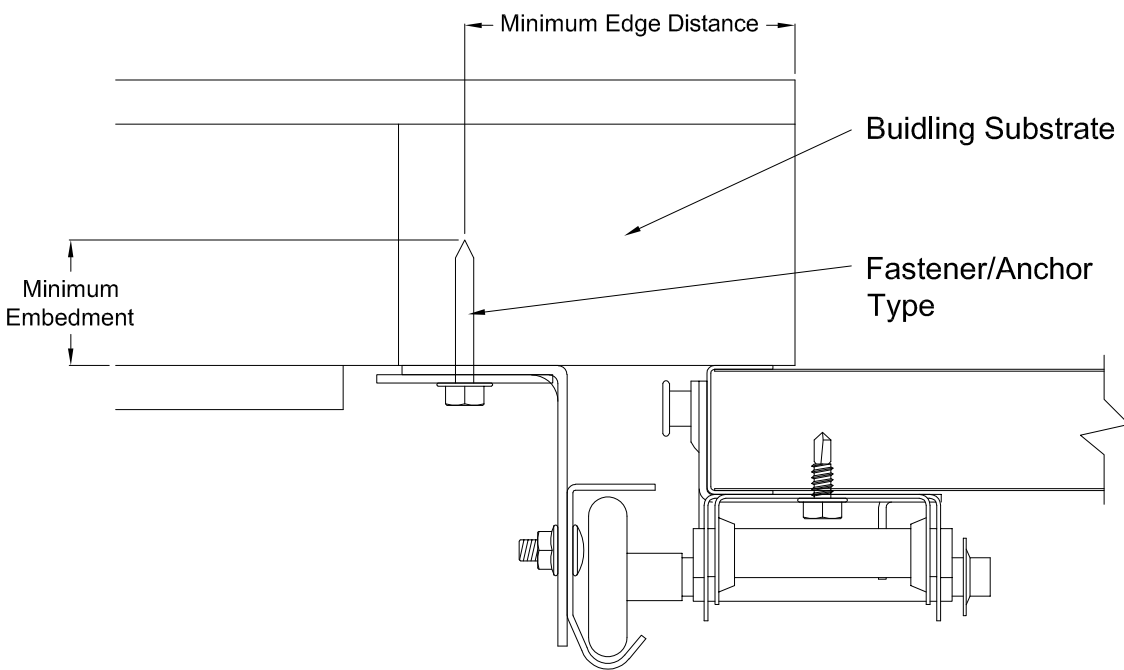
IMPACT RESISTANT

FL #27613.2



DESCRIPTION: 9' 2" HT 5000 ALUMINUM SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +40.0/-45.0 PSF			
DRAWING NO.: WL-5000-0110-08-40-45L	REV. L		
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 7/31/25	
MODEL(S): See Sheet 3			SHEET: 3 OF 4

320 Sycamore
Wauseon, Ohio 43567
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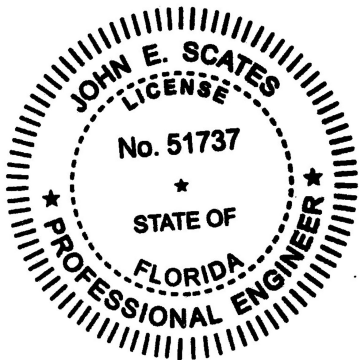


Direct Mounting Detail

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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IMPACT RESISTANT

FL #27613.2



DESCRIPTION:
9' 2" HT 5000 ALUMINUM SERIES W/LITES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +40.0/-45.0 PSF

DRAWING NO.: WL-5000-0110-08-40-45L	REV. L	
DRAWN BY: MVS	DATE DRAWN: 8/14/14	REV. DATE: 7/31/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4