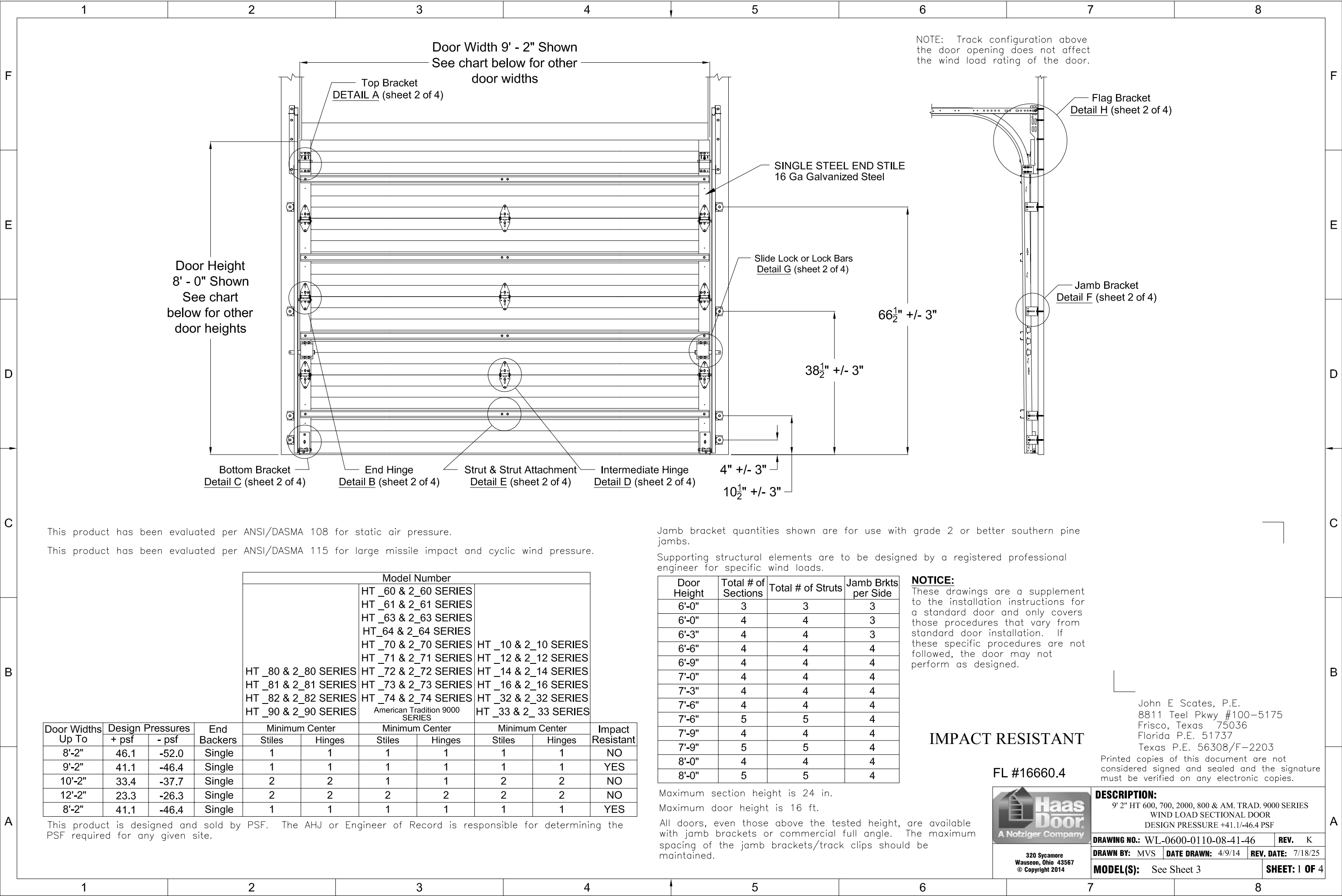




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

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

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.

				Model Number						
				HT _80 & 2_80 SERIES HT _81 & 2_81 SERIES HT _82 & 2_82 SERIES HT _90 & 2_90 SERIES		HT _60 & 2_60 SERIES		HT _10 & 2_10 SERIES HT _12 & 2_12 SERIES HT _14 & 2_14 SERIES HT _16 & 2_16 SERIES HT _32 & 2_32 SERIES HT _33 & 2_33 SERIES		
						HT _61 & 2_61 SERIES				
						HT _63 & 2_63 SERIES				
						HT _64 & 2_64 SERIES				
						HT _70 & 2_70 SERIES				
						HT _71 & 2_71 SERIES				
						HT _72 & 2_72 SERIES				
						HT _73 & 2_73 SERIES				
						HT _74 & 2_74 SERIES				
American Tradition 9000 SERIES										
Door Widths Up To	Design Pressures		End Backers	Minimum Center		Minimum Center		Minimum Center		Impact Resistant
+ psf	- psf	Stiles		Hinges	Stiles	Hinges	Stiles	Hinges		
8'-2"	46.1	-52.0	Single	1	1	1	1	1	1	NO
9'-2"	41.1	-46.4	Single	1	1	1	1	1	1	YES
10'-2"	33.4	-37.7	Single	2	2	1	1	2	2	NO
12'-2"	23.3	-26.3	Single	2	2	2	2	2	2	NO
8'-2"	41.1	-46.4	Single	1	1	1	1	1	1	YES

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.

Door Height	Total # of Sections	Total # of Struts	Jamb Brkts per Side
6'-0"	3	3	3
6'-0"	4	4	3
6'-3"	4	4	3
6'-6"	4	4	4
6'-9"	4	4	4
7'-0"	4	4	4
7'-3"	4	4	4
7'-6"	4	4	4
7'-6"	5	5	4
7'-9"	4	4	4
7'-9"	5	5	4
8'-0"	4	4	4
8'-0"	5	5	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.

IMPACT RESISTANT

FL #16660.4

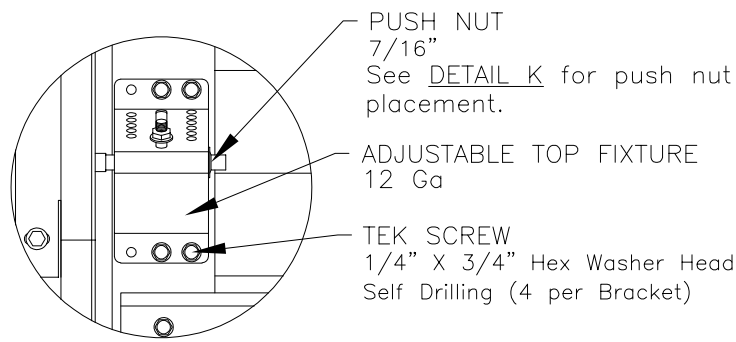
320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION:
9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +41.1/-46.4 PSF

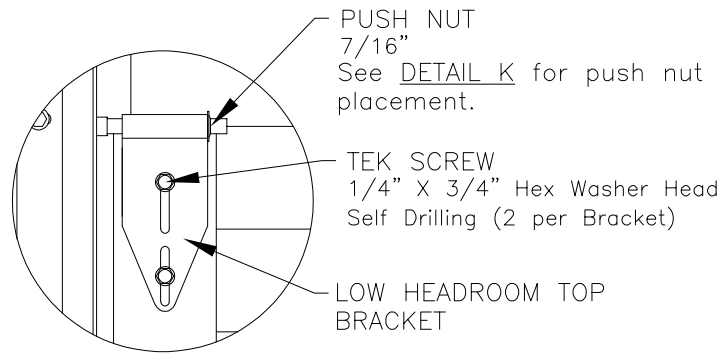
DRAWING NO.: WL-0600-0110-08-41-46	REV. K	
DRAWN BY: MVS	DATE DRAWN: 4/9/14	REV. DATE: 7/18/25
MODEL(S): See Sheet 3		SHEET: 1 OF 4

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Florida P.E. 51737
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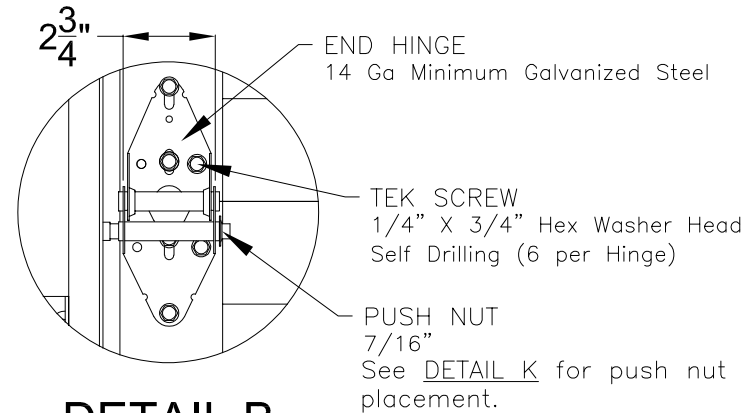
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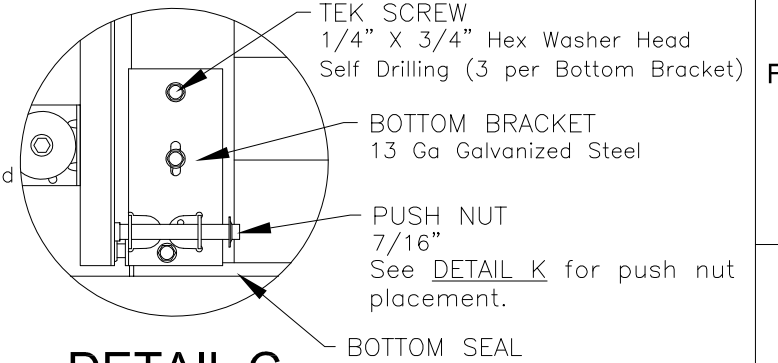
DETAIL A



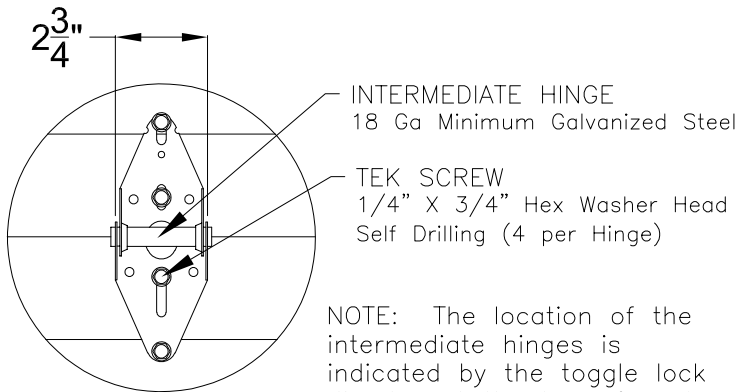
LOW HEADROOM
TOP BRACKET



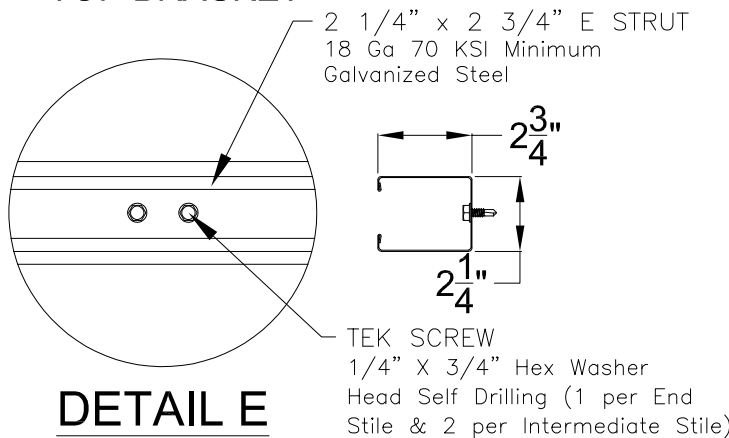
DETAIL B



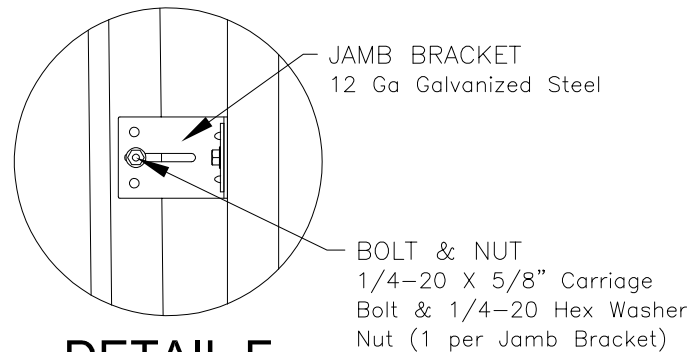
DETAIL C



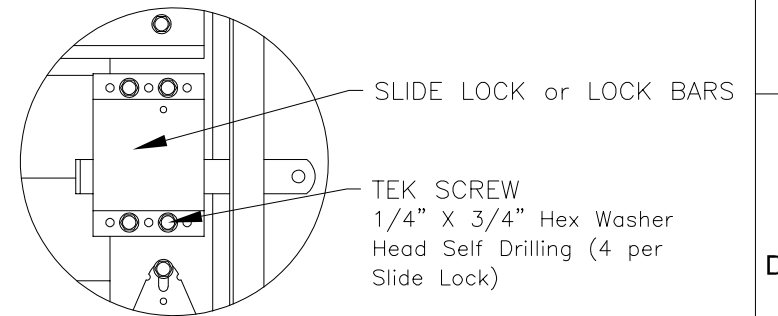
DETAIL D



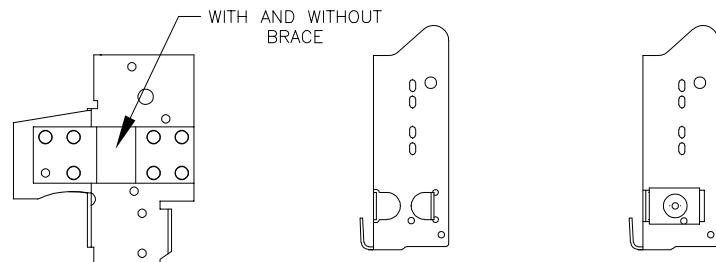
DETAIL E



DETAIL F



DETAIL G



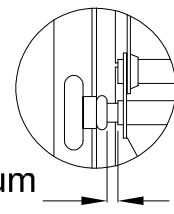
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles

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

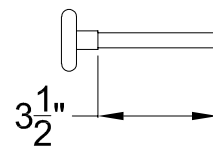
NOTE: The bottom bracket tested (shown in DETAIL C) is the lightest bracket available.



Maximum
1/2"

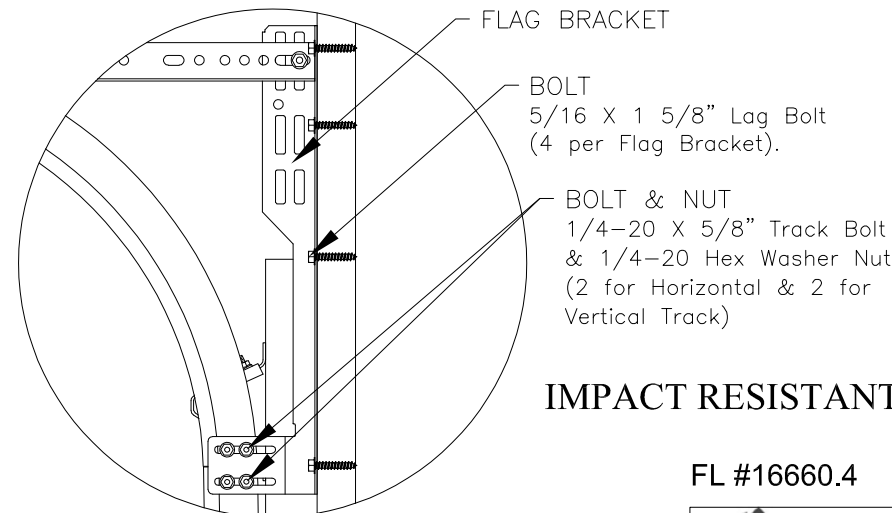
DETAIL K

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



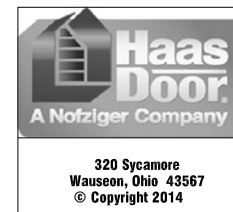
DETAIL H

IMPACT RESISTANT

FL #16660.4

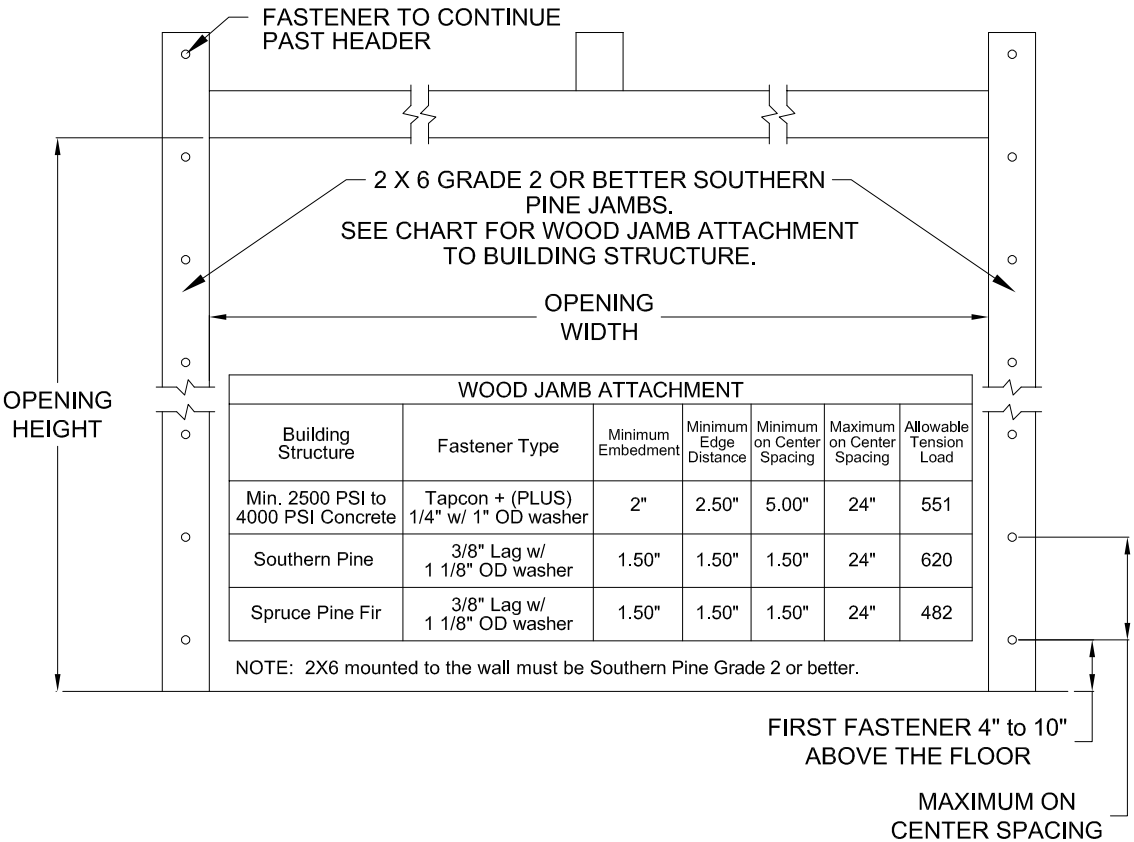
John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203
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DESCRIPTION:			
9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +41.1/-46.4 PSF			
DRAWING NO.: WL-0600-0110-08-41-46	REV. K		
DRAWN BY: MVS	DATE DRAWN: 4/9/14	REV. DATE: 7/18/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4



MODEL NUMBERS

MODEL NUMBERS AVAILABLE
HT _14 & 2_14 SERIES
HT _16 & 2_16 SERIES
HT _32 & 2_32 SERIES
HT _33 & 2_33 SERIES
HT _10 & 2_10SERIES
HT _12 & 2_12 SERIES
HT _60 & 2_60 SERIES
HT _61 & 2_61 SERIES
HT _63 & 2_63 SERIES
HT _64 & 2_64 SERIES
HT _70 & 2_70 SERIES
HT _71 & 2_71 SERIES
HT _72 & 2_72 SERIES
HT _73 & 2_73 SERIES
HT _74 & 2_74 SERIES
HT _80 & 2_80 SERIES
HT _81 & 2_81 SERIES
HT _82 & 2_82 SERIES
HT _90 & 2_90 SERIES
American Tradition 9000 SERIES



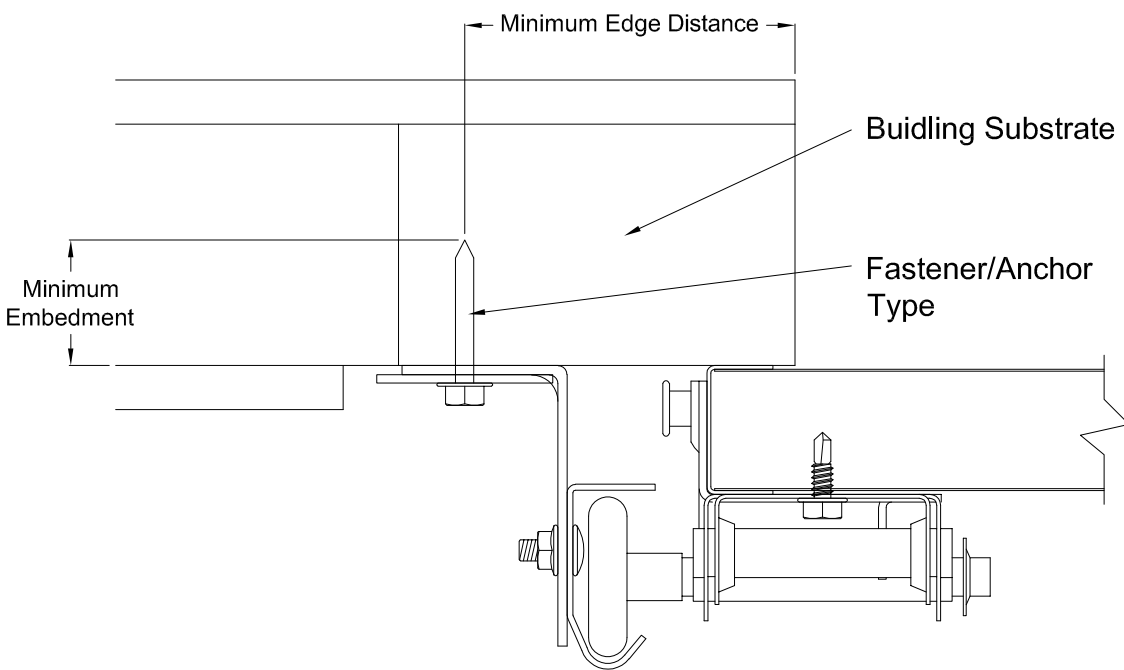
IMPACT RESISTANT

FL #16660.4

	DESCRIPTION: 9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +41.1/-46.4 PSF		
	DRAWING NO.: WL-0600-0110-08-41-46	REV. K	
	DRAWN BY: MVS	DATE DRAWN: 4/9/14	REV. DATE: 7/18/25
	MODEL(S): See Sheet 3		SHEET: 3 OF 4

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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.

IMPACT RESISTANT

FL #16660.4



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Wauseon, Ohio 43567
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DESCRIPTION:
9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
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