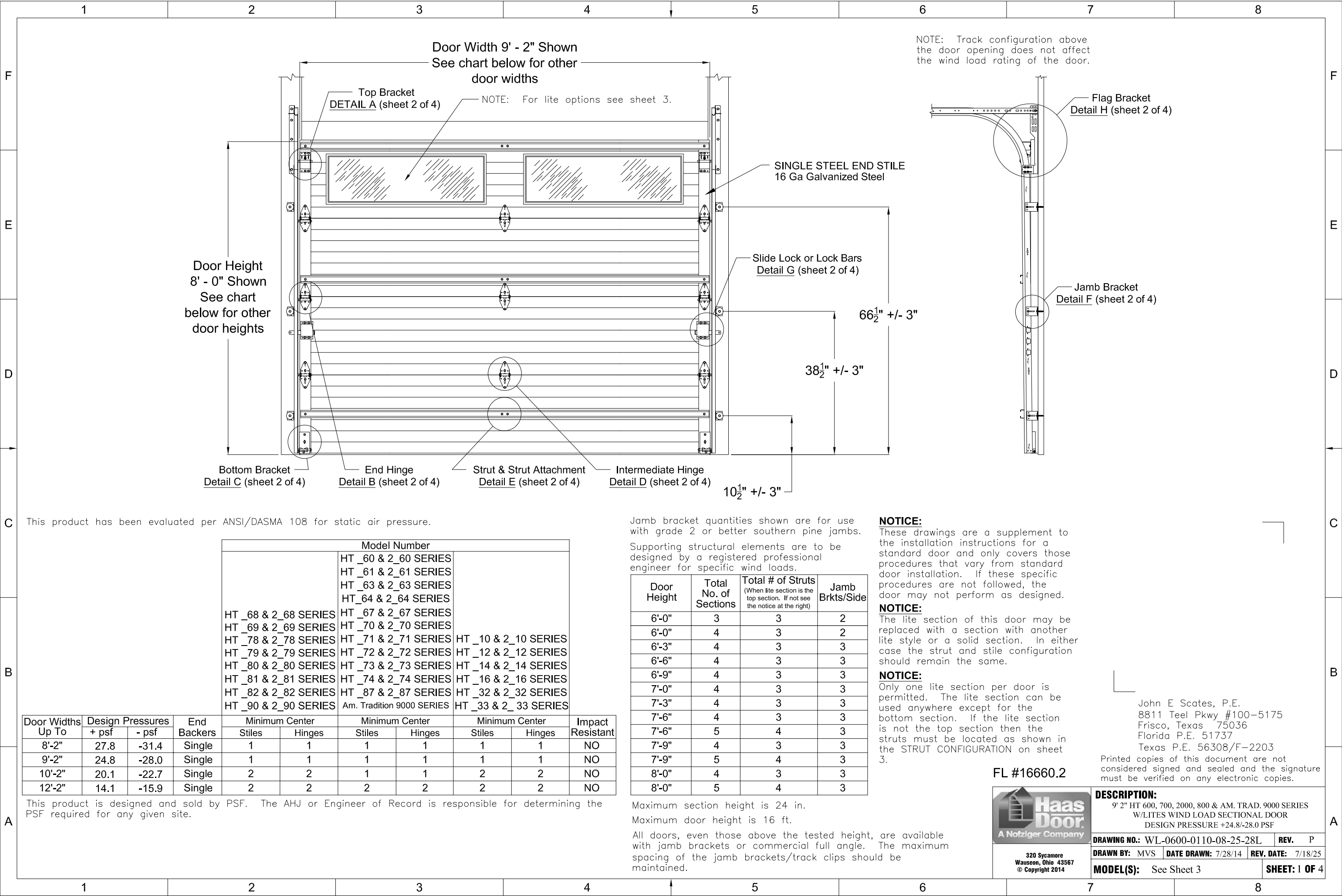




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

				Model Number						
						HT _60 & 2_60 SERIES				
						HT _61 & 2_61 SERIES				
						HT _63 & 2_63 SERIES				
						HT _64 & 2_64 SERIES				
						HT _68 & 2_68 SERIES				
						HT _67 & 2_67 SERIES				
						HT _69 & 2_69 SERIES				
						HT _70 & 2_70 SERIES				
						HT _78 & 2_78 SERIES				
						HT _71 & 2_71 SERIES				
				HT _79 & 2_79 SERIES		HT _72 & 2_72 SERIES		HT _10 & 2_10 SERIES		
HT _80 & 2_80 SERIES		HT _73 & 2_73 SERIES		HT _12 & 2_12 SERIES						
HT _81 & 2_81 SERIES		HT _74 & 2_74 SERIES		HT _14 & 2_14 SERIES						
HT _82 & 2_82 SERIES		HT _87 & 2_87 SERIES		HT _16 & 2_16 SERIES						
HT _90 & 2_90 SERIES		Am. Tradition 9000 SERIES		HT _32 & 2_32 SERIES						
				HT _33 & 2_33 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"	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"	14.1	-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
6'-0"	4	3	2
6'-3"	4	3	3
6'-6"	4	3	3
6'-9"	4	3	3
7'-0"	4	3	3
7'-3"	4	3	3
7'-6"	4	3	3
7'-6"	5	4	3
7'-9"	4	3	3
7'-9"	5	4	3
8'-0"	4	3	3
8'-0"	5	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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Texas P.E. 56308/F-2203

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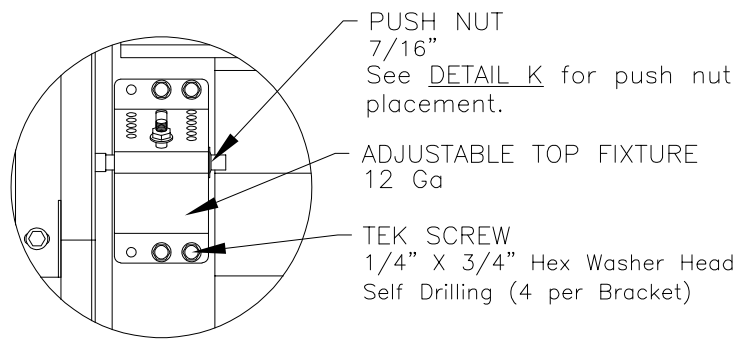
FL #16660.2



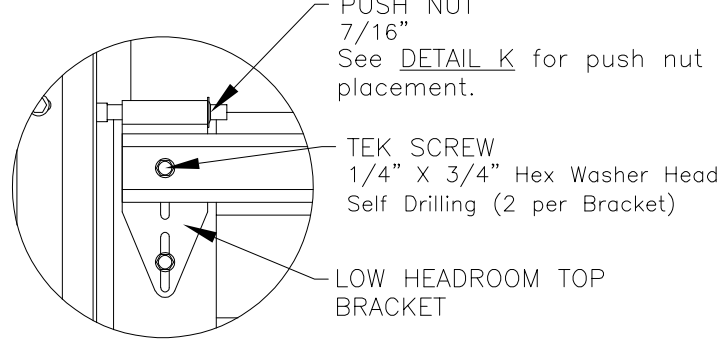
DESCRIPTION:

9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
W/LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +24.8/-28.0 PSF

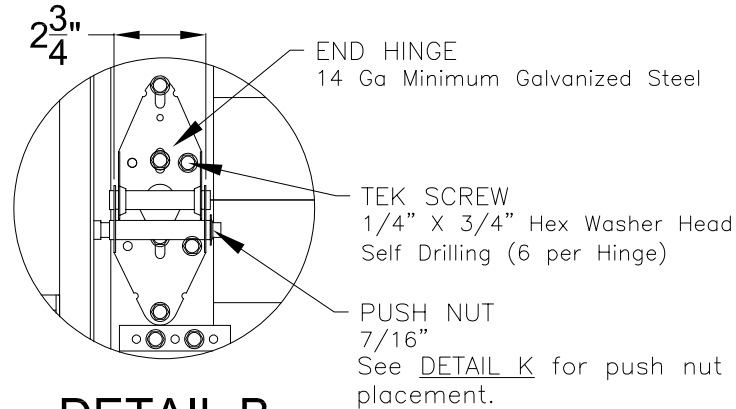
DRAWING NO.: WL-0600-0110-08-25-28L		REV. P	
DRAWN BY: MVS	DATE DRAWN: 7/28/14	REV. DATE: 7/18/25	
MODEL(S): See Sheet 3			SHEET: 1 OF 4



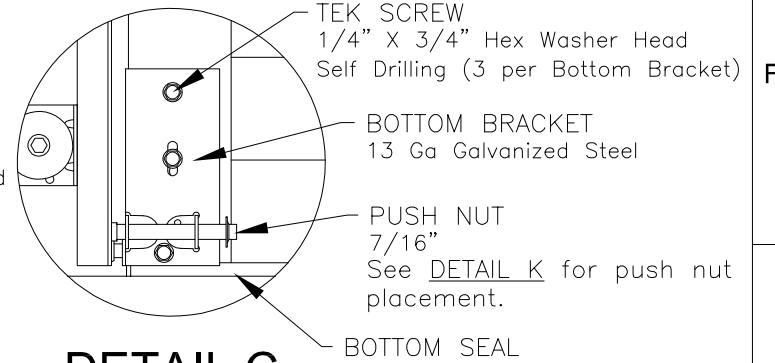
DETAIL A



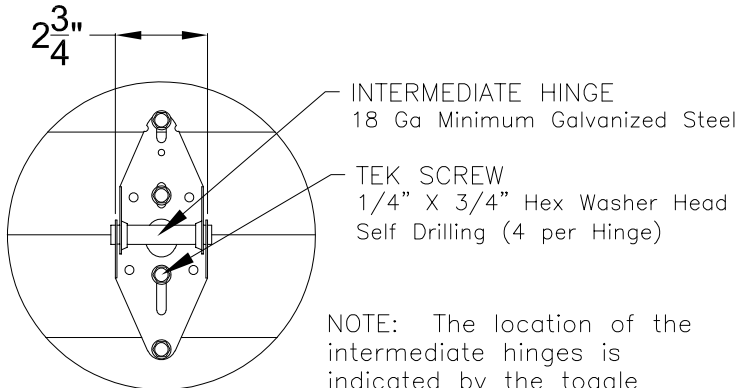
LOW HEADROOM
TOP BRACKET



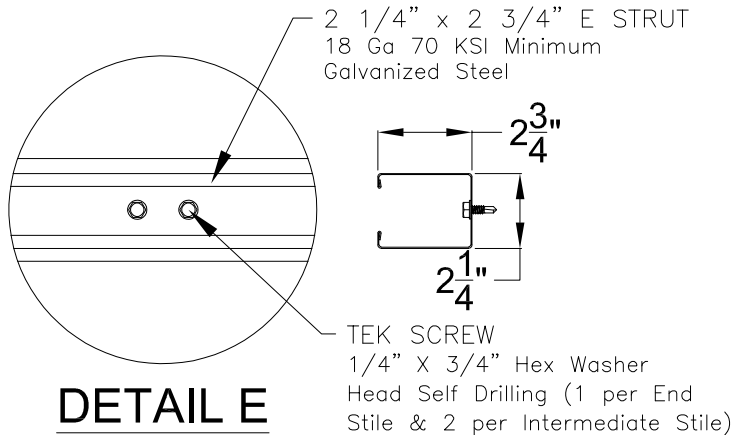
DETAIL B



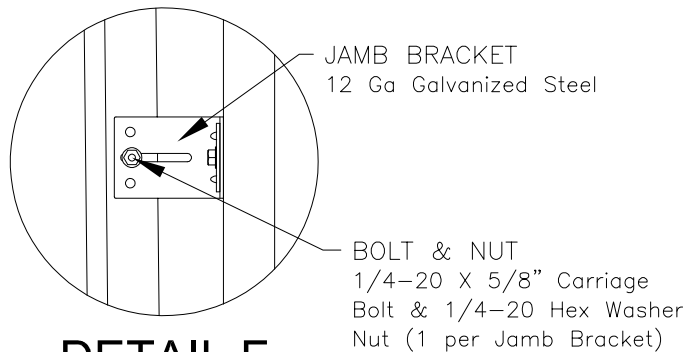
DETAIL C



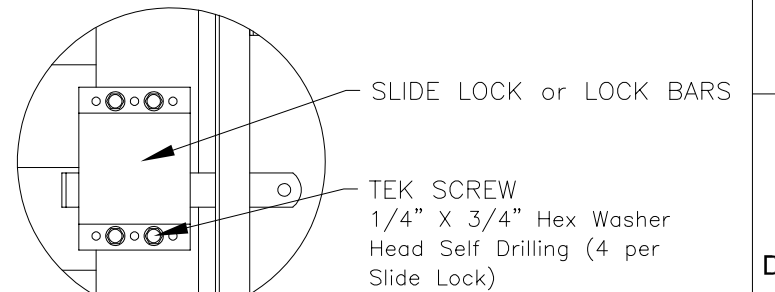
DETAIL D



DETAIL E



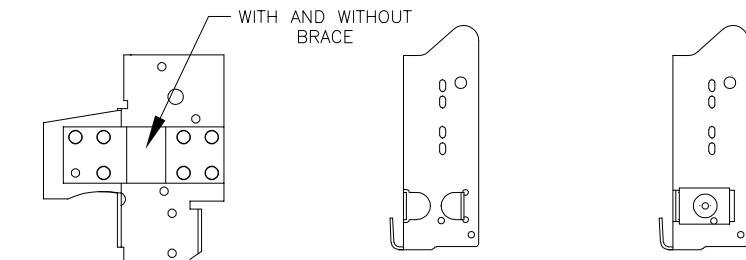
DETAIL F



DETAIL G

NOTE: The location of the intermediate hinges is indicated by the toggle lock dimples at the top of each section.

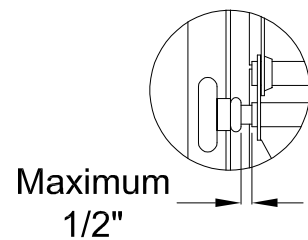
NOTE: Details on some views omitted for clarity.
Double end stiles and end hardware may be provided on wider or heavier doors.



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

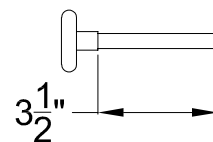
ALTERNATE BOTTOM BRACKETS

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



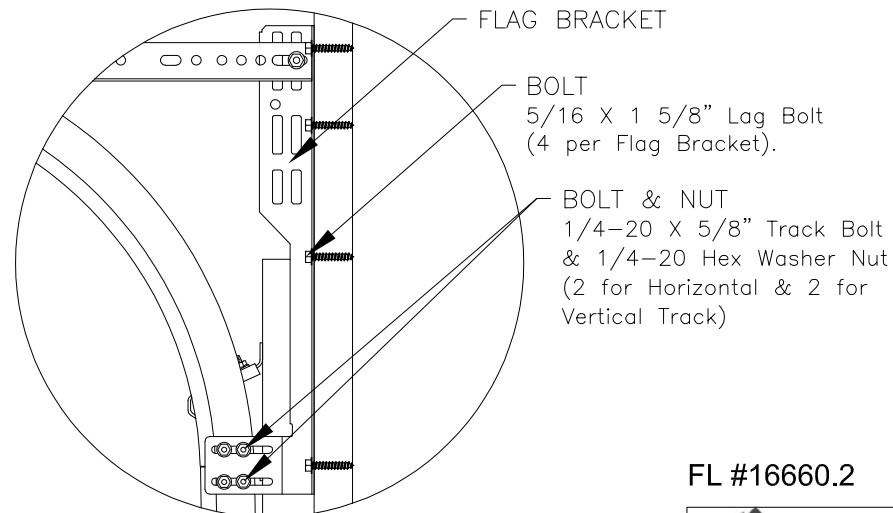
DETAIL K

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

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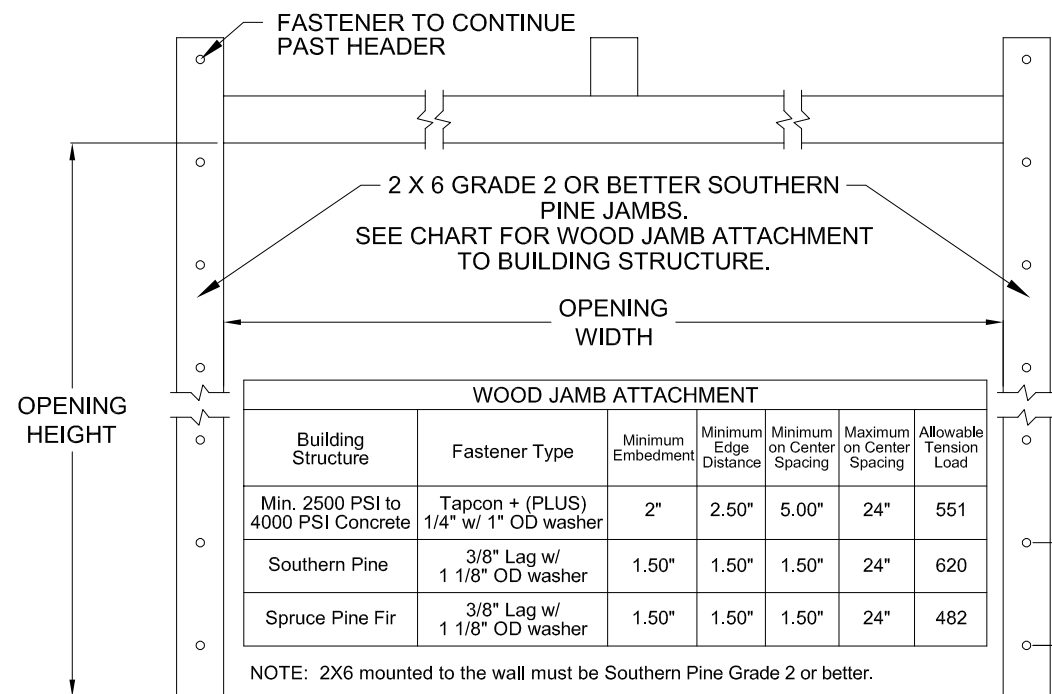
DESCRIPTION:
9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
W/LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +24.8/-28.0 PSF

DRAWING NO.: WL-0600-0110-08-25-28L **REV.** P

DRAWN BY: MVS **DATE DRAWN:** 7/28/14 **REV. DATE:** 7/18/25

MODEL(S): See Sheet 3 **SHEET: 2 OF 4**

320 Sycamore
Wauseon, Ohio 43567
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FASTENER TO CONTINUE
PAST HEADER

2 X 6 GRADE 2 OR BETTER SOUTHERN
PINE JAMBS.
SEE CHART FOR WOOD JAMB ATTACHMENT
TO BUILDING STRUCTURE.

OPENING
WIDTH

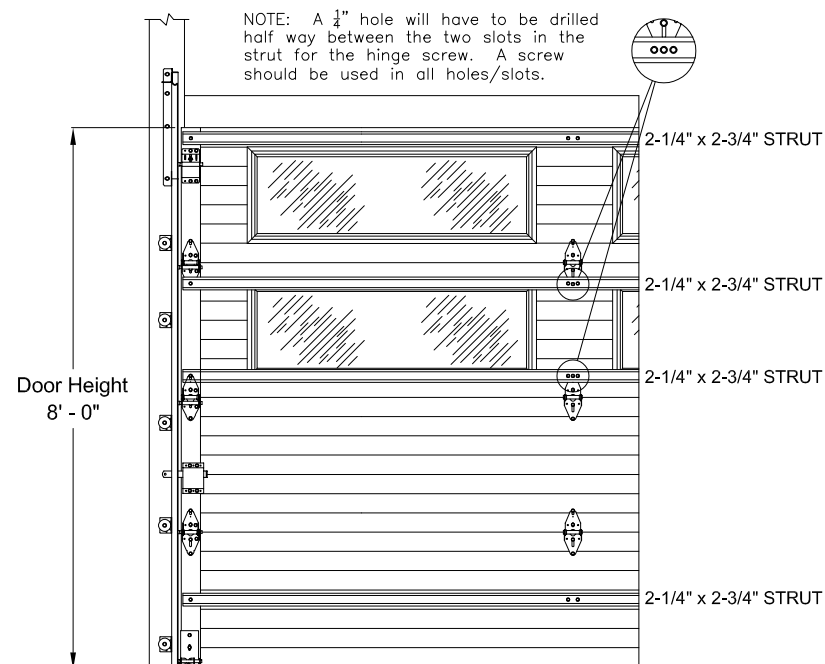
OPENING
HEIGHT

WOOD JAMB ATTACHMENT						
Building Structure	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
Min. 2500 PSI to 4000 PSI Concrete	Tapcon + (PLUS) 1/4" w/ 1" OD washer	2"	2.50"	5.00"	24"	551
Southern Pine	3/8" Lag w/ 1 1/8" OD washer	1.50"	1.50"	1.50"	24"	620
Spruce Pine Fir	3/8" Lag w/ 1 1/8" OD washer	1.50"	1.50"	1.50"	24"	482

NOTE: 2X6 mounted to the wall must be Southern Pine Grade 2 or better.

FIRST FASTENER 4" to 10"
ABOVE THE FLOOR

MAXIMUM ON
CENTER SPACING



NOTE: A $\frac{1}{4}$ " hole will have to be drilled half way between the two slots in the strut for the hinge screw. A screw should be used in all holes/slots.

2-1/4" x 2-3/4" STRUT

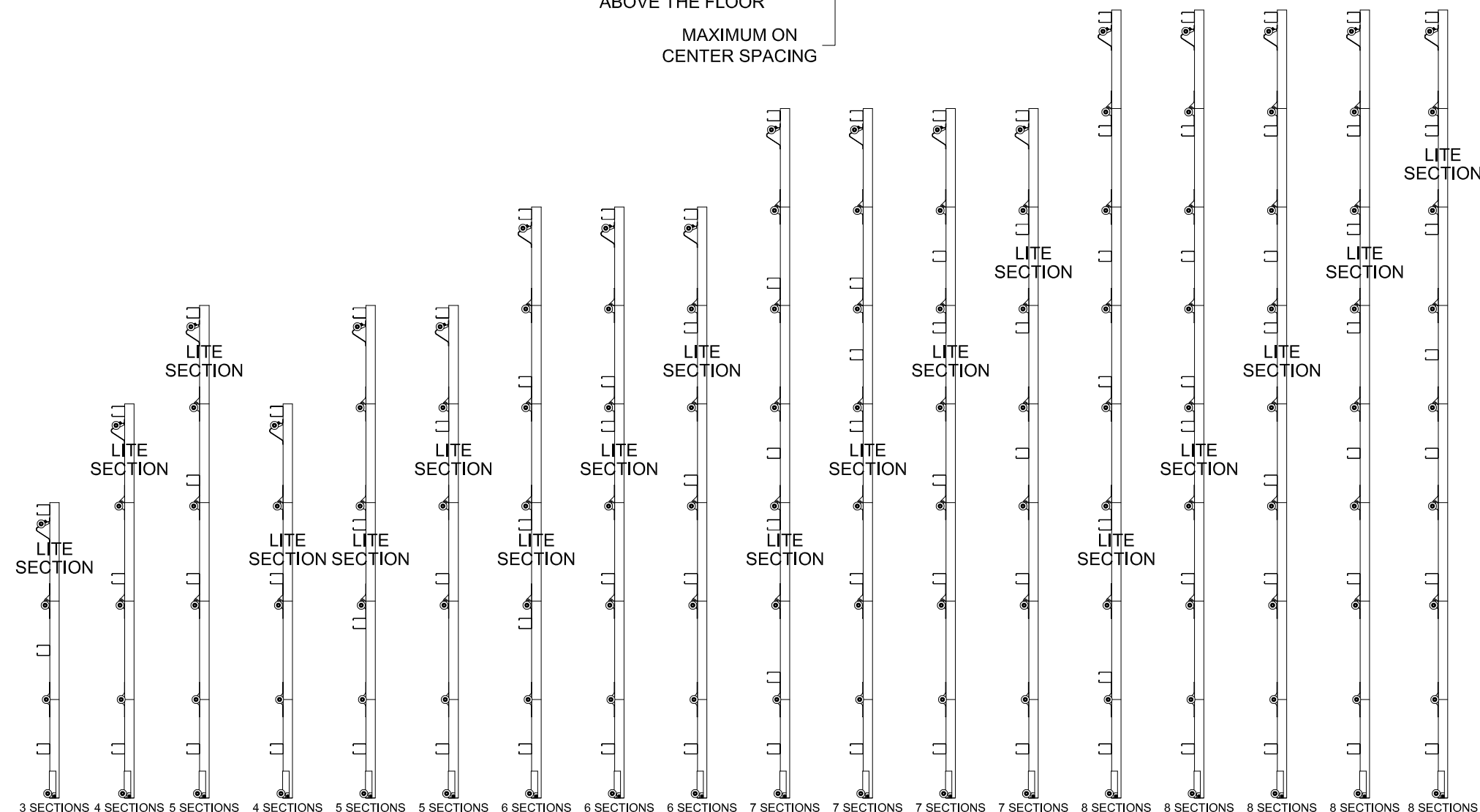
2-1/4" x 2-3/4" STRUT

2-1/4" x 2-3/4" STRUT

2-1/4" x 2-3/4" STRUT

AMERICAN TRADITION DOUBLE LITE STRUT CONFIGURATION

NOTE: The lite sections must be the top two for double American Tradition doors.



WITH LITE SECTION AT TOP

WITH LITE SECTION ANYWHERE EXCEPT THE TOP AND BOTTOM SECTION

STRUT CONFIGURATION

MODEL NUMBERS AND LITE OPTIONS

NOTE: GLASS OPTIONS ARE AVAILABLE IN DSB MINIMUM, ACRYLIC, POLYCARBONATE, TEMPERED AND INSULATED GLASS UNITS.

MODEL NUMBERS AVAILABLE		LITE OPTIONS AVAILABLE						AMERICAN TRADITION®
		CARRIAGE HOUSE	RANCH	STANDARD	SLIMLINE	LARGE COMMERCIAL 24 x 12	SMALL COMMERCIAL 24 x 6	
HT_14 & 2_14 SERIES	X	X	X			X	X	
HT_16 & 2_16 SERIES	X	X	X			X	X	
HT_32 & 2_32 SERIES	X					X	X	
HT_33 & 2_33 SERIES	X					X	X	
HT_10 & 2_10SERIES	X	X	X	X		X	X	
HT_12 & 2_12 SERIES	X	X	X	X		X	X	
HT_60 & 2_60 SERIES	X							
HT_61 & 2_61 SERIES	X							
HT_63 & 2_63 SERIES	X							
HT_64 & 2_64 SERIES	X							
HT_67 & 2_67 SERIES	X							
HT_68 & 2_68 SERIES	X							
HT_69 & 2_69 SERIES	X							
HT_70 & 2_70 SERIES		X						
HT_71 & 2_71 SERIES		X						
HT_72 & 2_72 SERIES		X						
HT_73 & 2_73 SERIES		X						
HT_74 & 2_74 SERIES		X						
HT_78 & 2_78 SERIES		X						
HT_79 & 2_79 SERIES		X						
HT_80 & 2_80 SERIES			X					
HT_81 & 2_81 SERIES			X					
HT_82 & 2_82 SERIES			X					
HT_87 & 2_87 SERIES			X					
HT_90 & 2_90 SERIES			X					
American Tradition 9000 SERIES								X*
	38 1/2" x 12 5/8"	38 1/2" x 10 1/2"	17 1/4" x 10 1/4"	37 7/8" x 4"	21 1/2" x 9 1/2"	21 1/2" x 3 1/4"	35" - 48 7/8" x 15"	
DAY LIGHT OPENING (DLO) - WIDE x TALL								

* The American Tradition lite option is available in tempered or insulated glass units only.

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Wauseon, Ohio 43567
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DESCRIPTION:

9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
W/LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +24.8/-28.0 PSF

DRAWING NO.: WL-0600-0110-08-25-28L

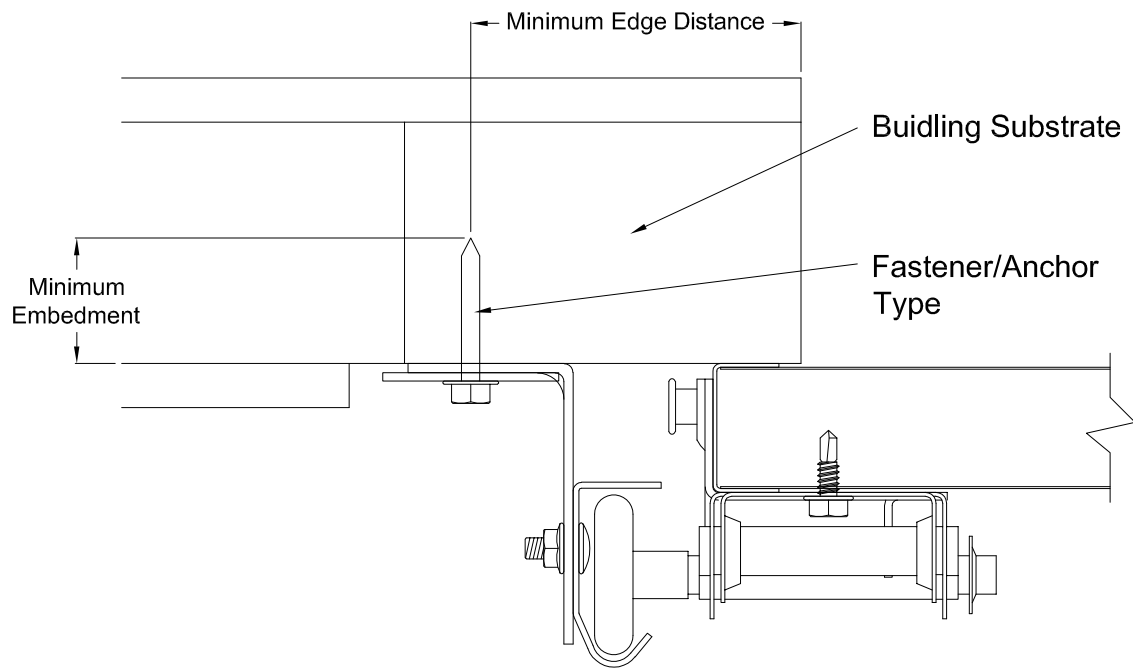
REV.	P
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DRAWN BY: MVS

DATE DRAWN: 7/28/14	REV. DATE: 7/18/25
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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 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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DESCRIPTION:
9' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
W/LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +24.8/-28.0 PSF

DRAWING NO.: WL-0600-0110-08-25-28L	REV. P	
DRAWN BY: MVS	DATE DRAWN: 7/28/14	REV. DATE: 7/18/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4