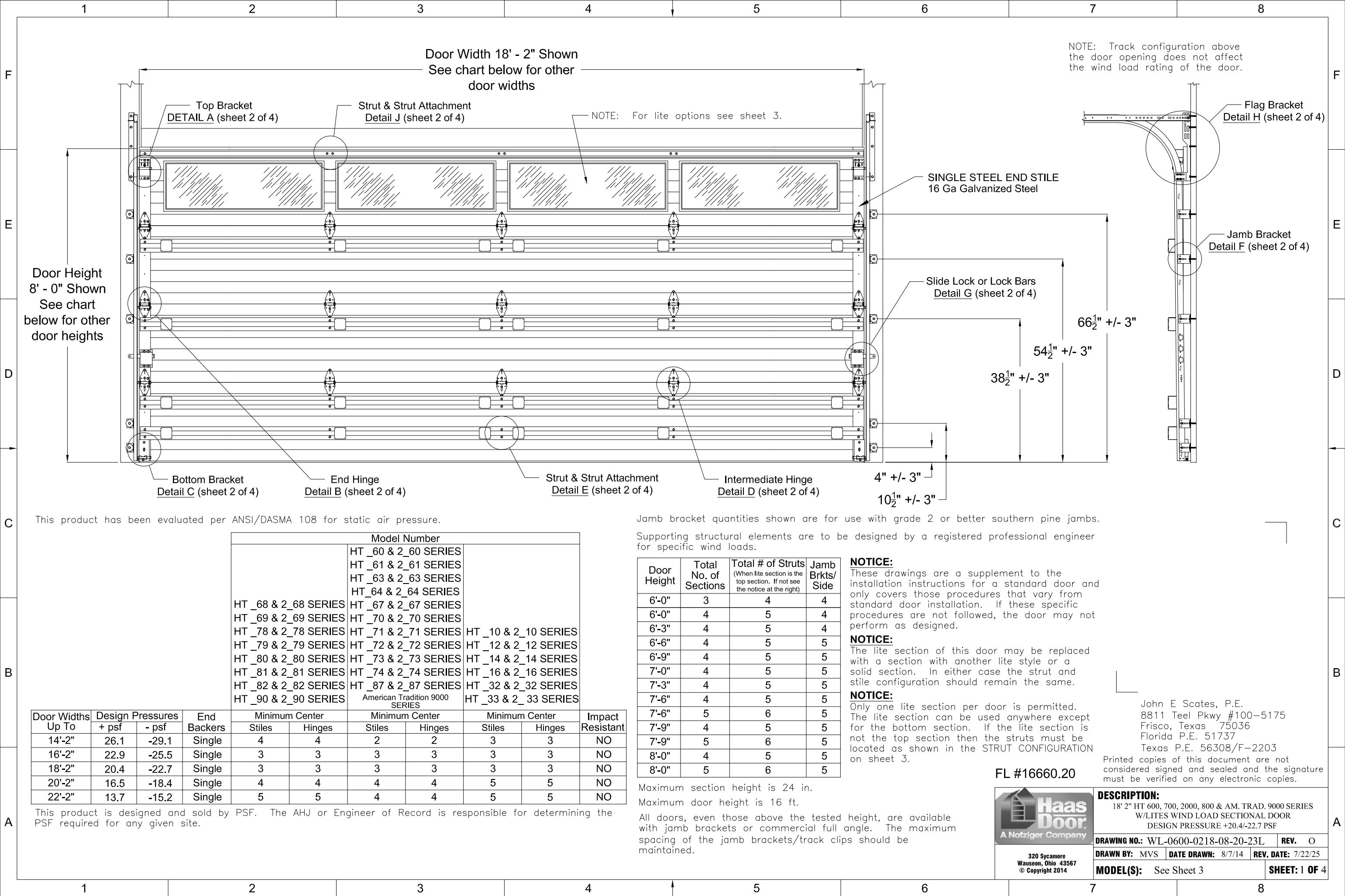
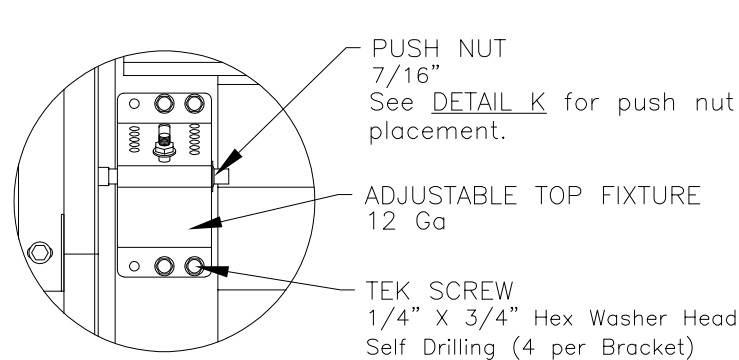
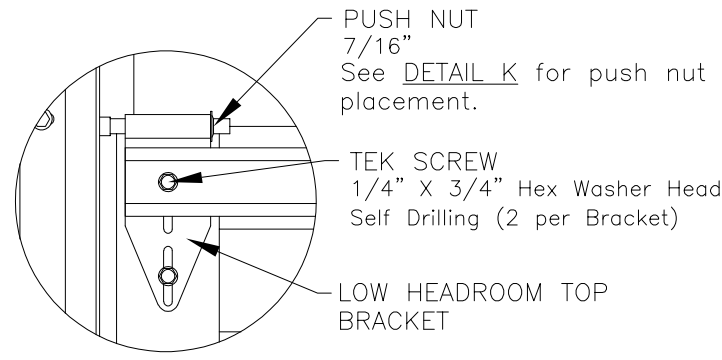


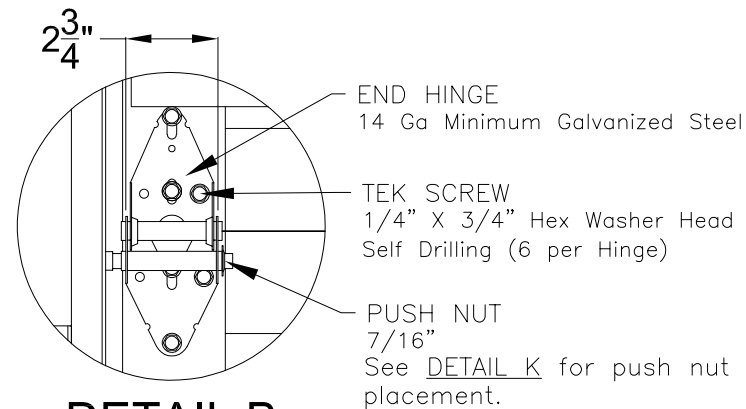




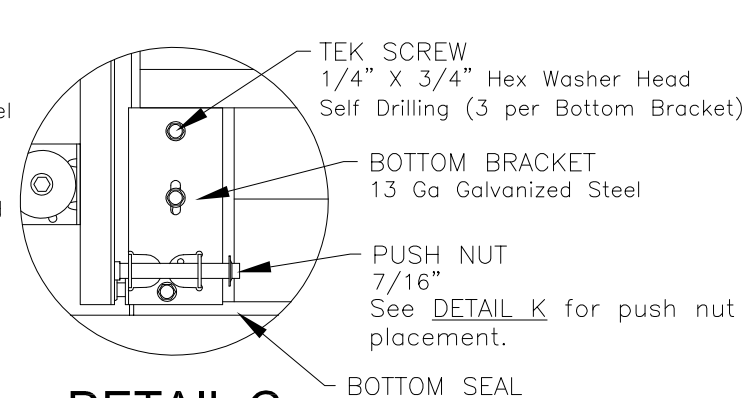
DETAIL A



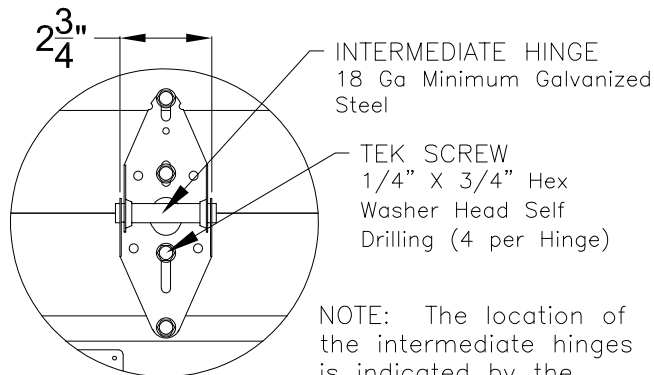
**LOW HEADROOM
TOP BRACKET**



DETAIL B

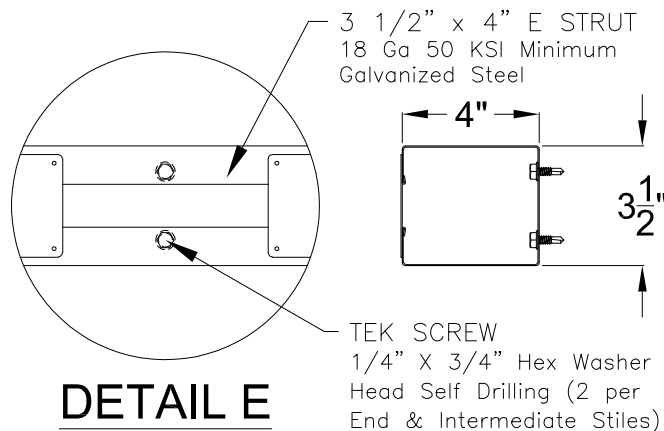


DETAIL C

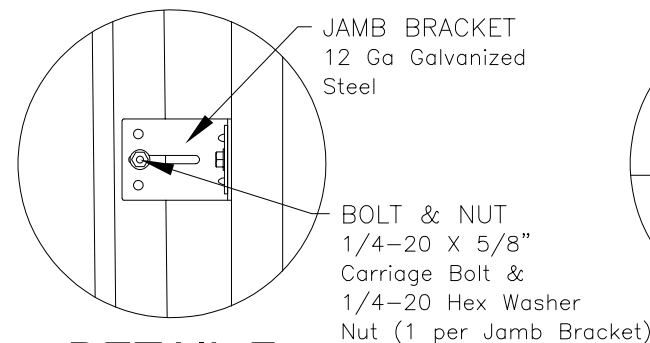


DETAIL D

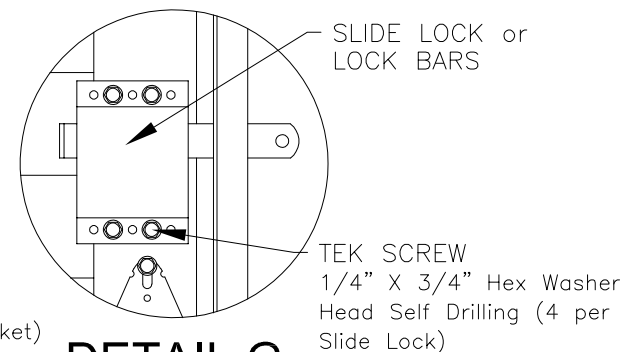
NOTE: The location of the intermediate hinges is indicated by the toggle lock dimples at the top of each section.



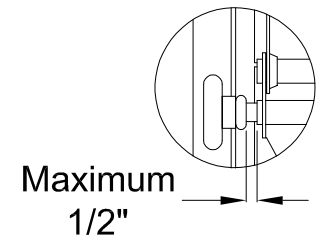
DETAIL E



DETAIL F

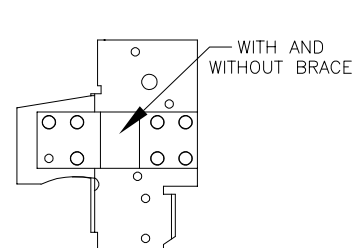


DETAIL G

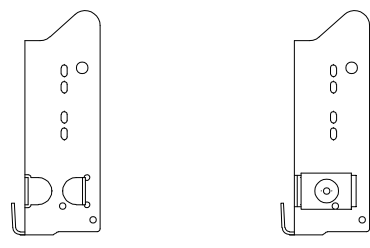


DETAIL K

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.



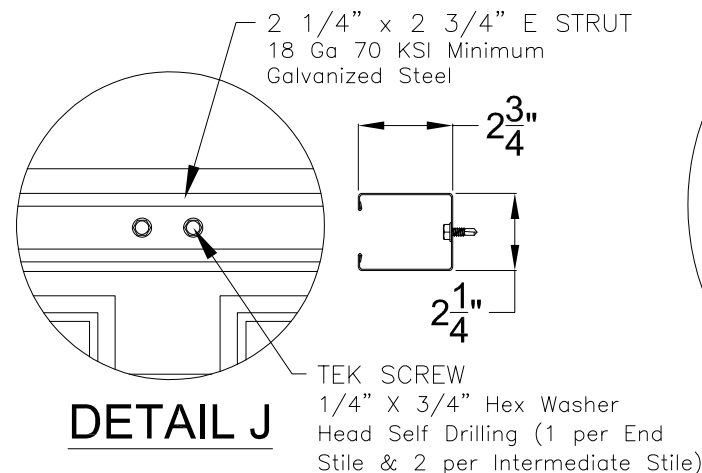
RESIDENTIAL & LIGHT COMMERCIAL
For Low Headroom With 2" Track and Single End Stiles



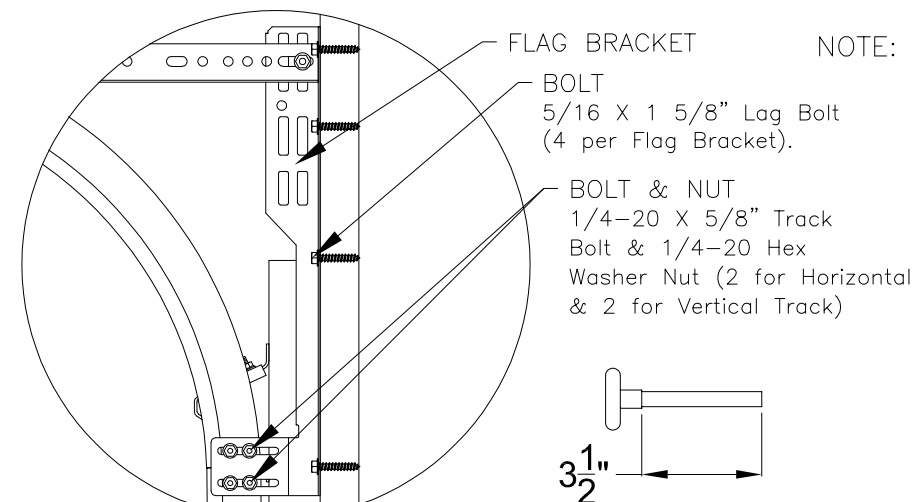
COMMERCIAL
For Standard, High & Vertical Lift With 2" Track and Single End Stiles



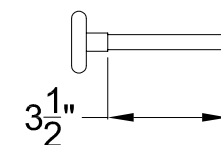
COMMERCIAL
For Standard, High & Vertical Lift With 3" Track and Single End Stiles



DETAIL J



DETAIL H



ROLLER

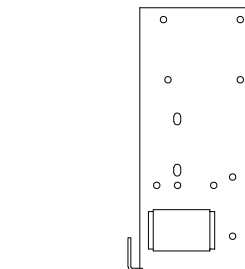
2" Diameter Nominal Eleven Ball Nylon or Ten Ball Steel with a Minimum Workable Shaft Length Shown.

NOTE: Details on some views omitted for clarity.

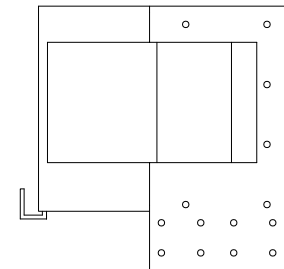
Double end stiles and end hardware may be provided on wider or heavier doors.

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

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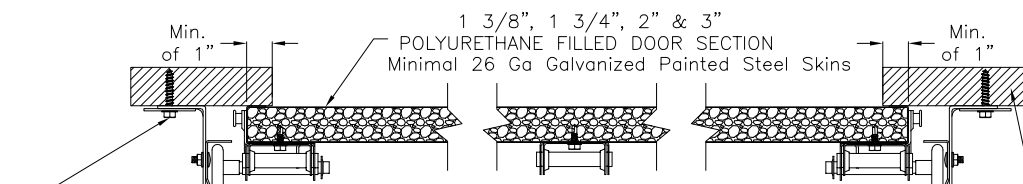
COMMERCIAL HEAVY DUTY
For Standard, High & Vertical Lift With 3" Track and Double End Stiles



COMMERCIAL HEAVY DUTY
For Low Headroom With 3" Track and Double End Stiles

ALTERNATE BOTTOM BRACKETS

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

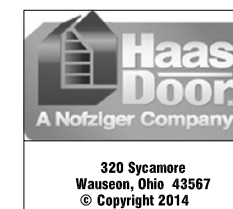


BOLT & WASHER
5/16" X 1 1/2" Lag Bolt & 2" O.D. x 7/16" I.D. Flat Washer
NOTE: Jamb bracket must be in direct contact with the 2x6 (No drywall allowed).
NOTE: The flat washer is not required for angle mount.

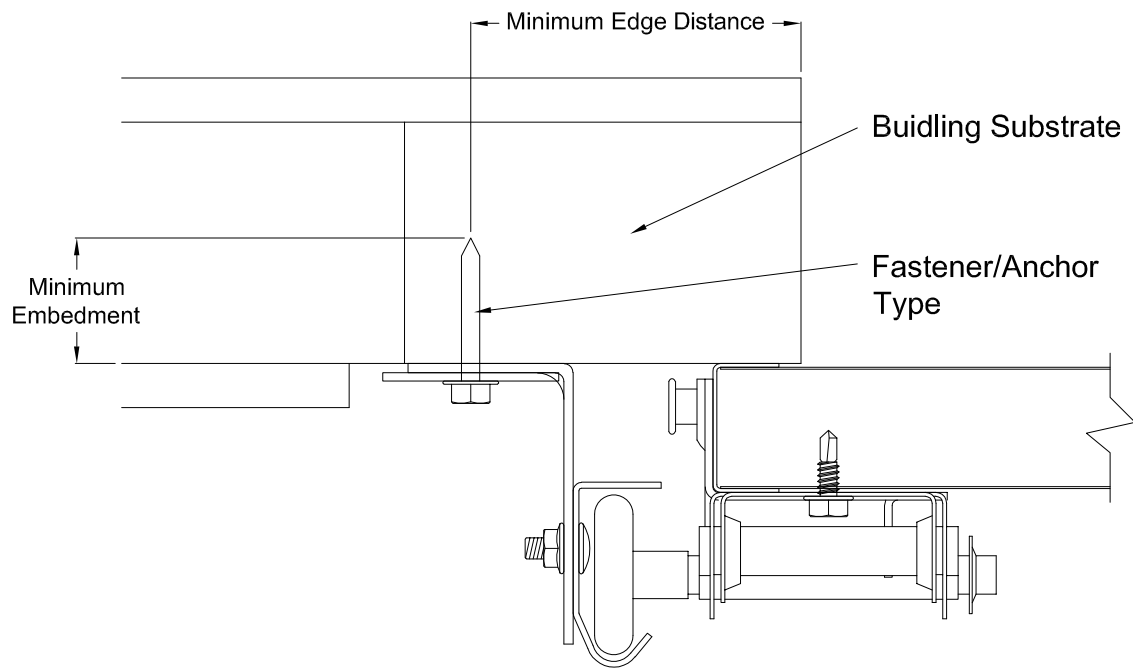
VERTICAL TRACK - 2" Nominal
13 Ga Galvanized Steel tested.
3" Nominal 13 Ga is also approved as an alternate.

WOOD JAMB
The vertical wood jamb fasteners may be counter sunk to provide a flat mounting surface. See jamb attachment details on sheet 3 for attaching jambs to the structure.

FL #16660.20



DESCRIPTION:			
18' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES W/LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +20.4/-22.7 PSF			
DRAWING NO.:	WL-0600-0218-08-20-23L	REV.	O
DRAWN BY:	MVS	DATE DRAWN:	8/7/14
MODEL(S):	See Sheet 3	REV. DATE:	7/22/25
SHEET: 2 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.

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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FL #16660.20



DESCRIPTION:
18' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
W/LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +20.4/-22.7 PSF

DRAWING NO.: WL-0600-0218-08-20-23L		REV. O
DRAWN BY: MVS	DATE DRAWN: 8/7/14	REV. DATE: 7/22/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4

320 Sycamore
Wauseon, Ohio 43567
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