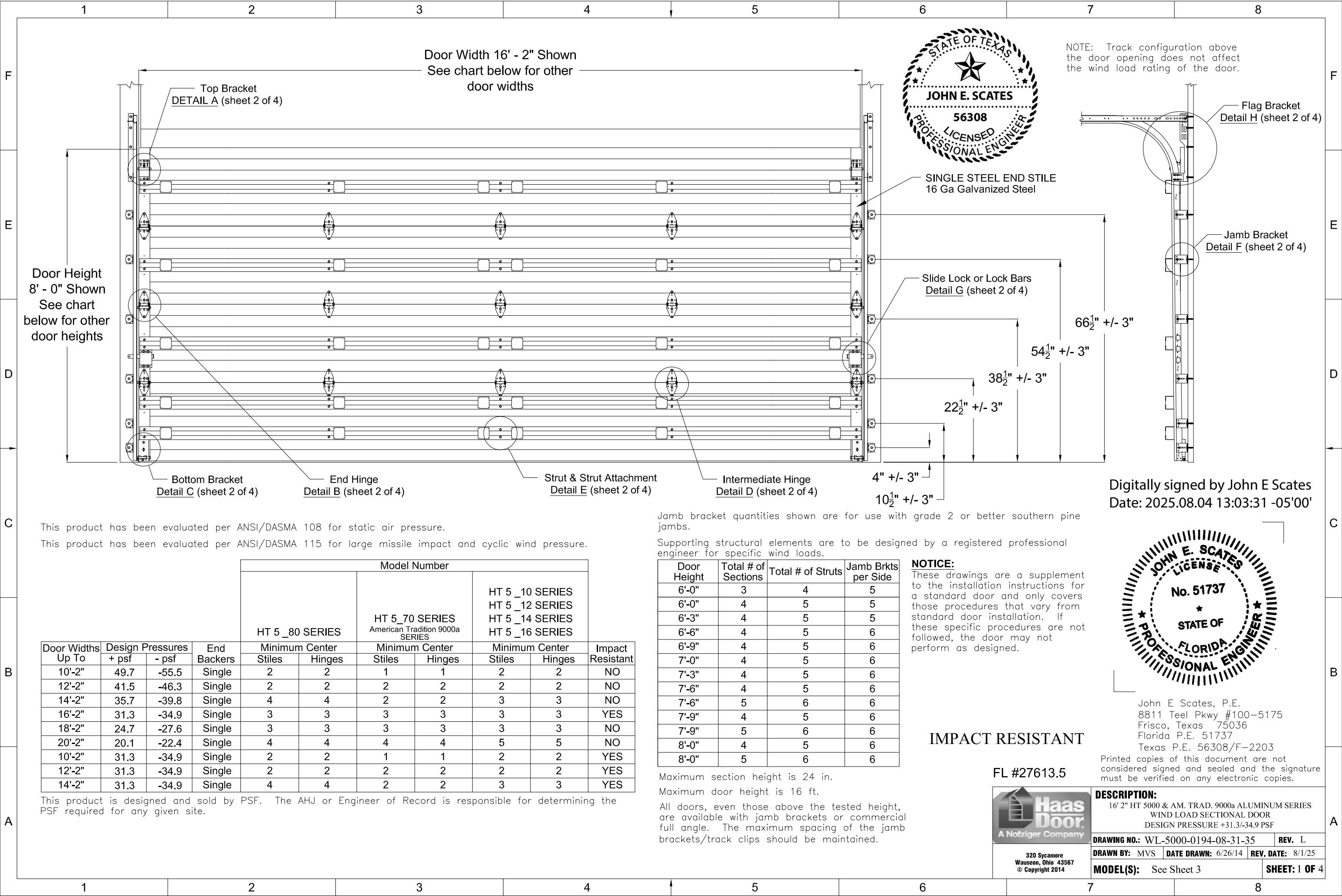




This product has been evaluated per ANSI/DASMA 108 for static air pressure.
This product has been evaluated per ANSI/DASMA 115 for large missile impact and cyclic wind pressure.

				Model Number						
				HT 5 _80 SERIES		HT 5_70 SERIES American Tradition 9000a SERIES		HT 5 _10 SERIES HT 5 _12 SERIES HT 5 _14 SERIES HT 5 _16 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	
10'-2"	49.7	-55.5	Single	2	2	1	1	2	2	NO
12'-2"	41.5	-46.3	Single	2	2	2	2	2	2	NO
14'-2"	35.7	-39.8	Single	4	4	2	2	3	3	NO
16'-2"	31.3	-34.9	Single	3	3	3	3	3	3	YES
18'-2"	24.7	-27.6	Single	3	3	3	3	3	3	NO
20'-2"	20.1	-22.4	Single	4	4	4	4	5	5	NO
10'-2"	31.3	-34.9	Single	2	2	1	1	2	2	YES
12'-2"	31.3	-34.9	Single	2	2	2	2	2	2	YES
14'-2"	31.3	-34.9	Single	4	4	2	2	3	3	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.

Jamb bracket quantities shown are for use with grade 2 or better southern pine jambs.

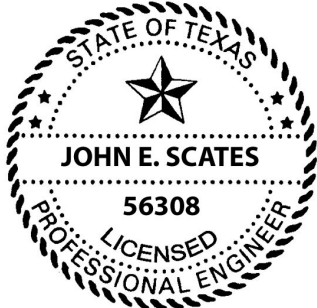
Supporting structural elements are to be designed by a registered professional engineer for specific wind loads.

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

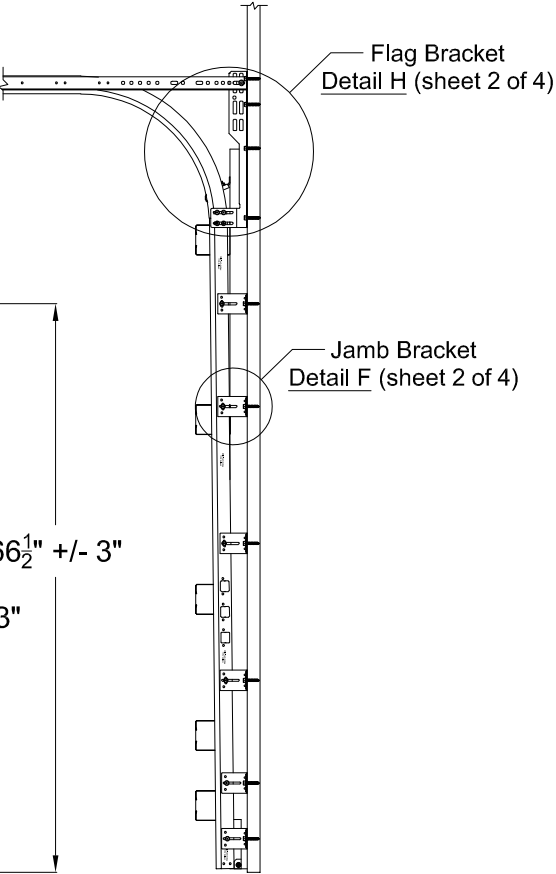
Maximum section height is 24 in.

Maximum door height is 16 ft.

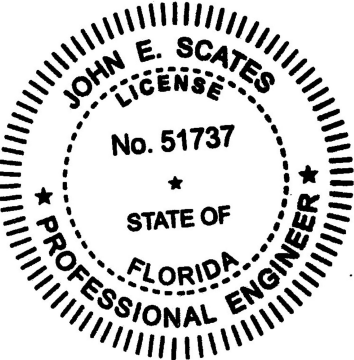
All doors, even those above the tested height, are available with jamb brackets or commercial full angle. The maximum spacing of the jamb brackets/track clips should be maintained.



NOTE: Track configuration above the door opening does not affect the wind load rating of the door.



Digitally signed by John E Scates
Date: 2025.08.04 13:03:31 -05'00'



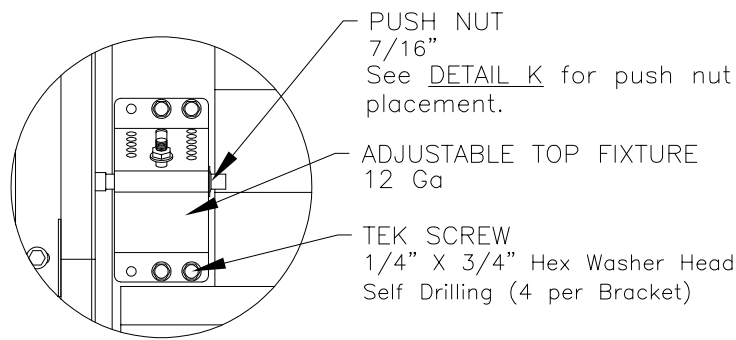
John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203

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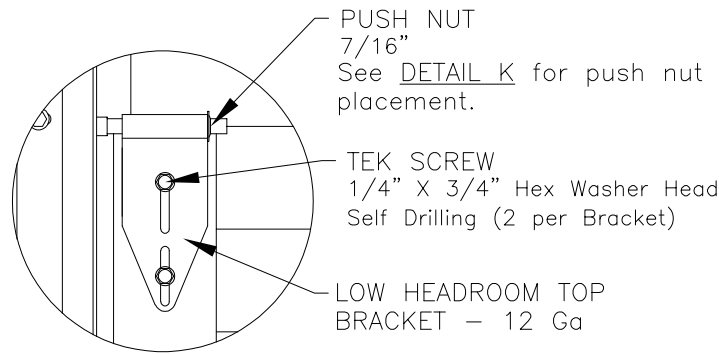
IMPACT RESISTANT

FL #27613.5

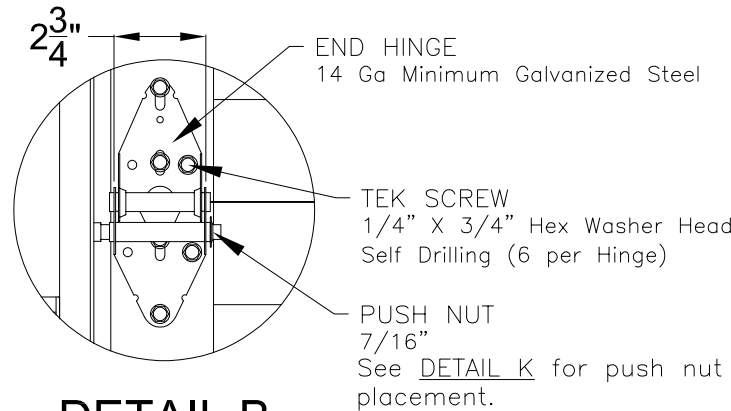
		DESCRIPTION: 16' 2" HT 5000 & AM. TRAD. 9000a ALUMINUM SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +31.3/-34.9 PSF	
DRAWING NO.: WL-5000-0194-08-31-35		REV. L	
DRAWN BY: MVS		DATE DRAWN: 6/26/14	REV. DATE: 8/1/25
MODEL(S): See Sheet 3		SHEET: 1 OF 4	



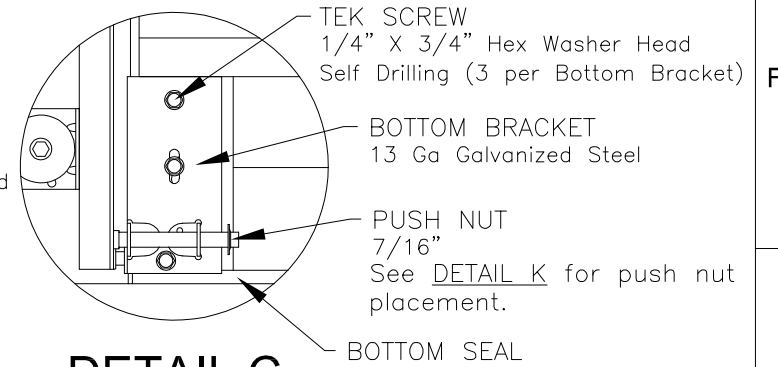
DETAIL A



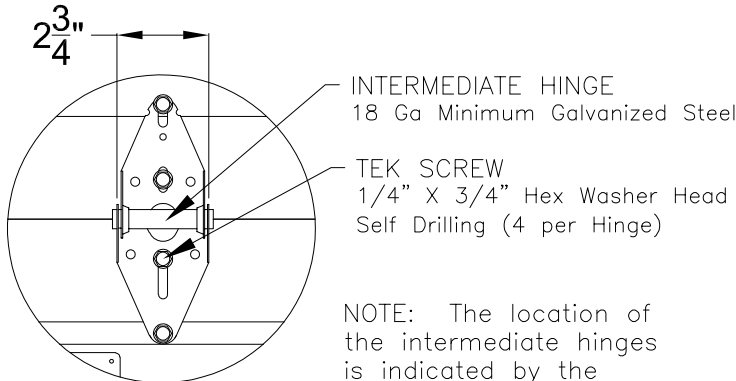
LOW HEADROOM
TOP BRACKET



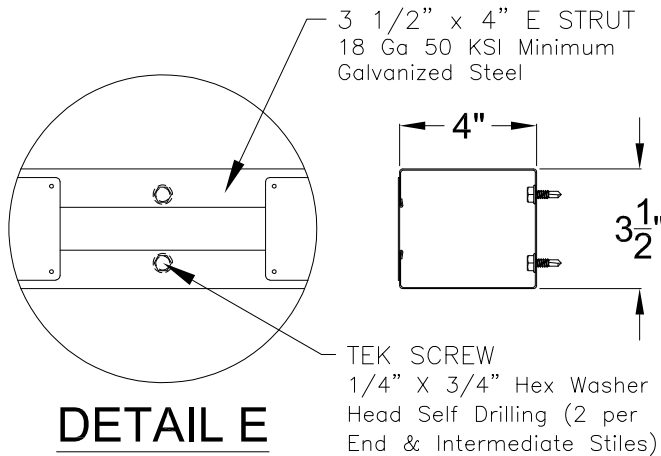
DETAIL B



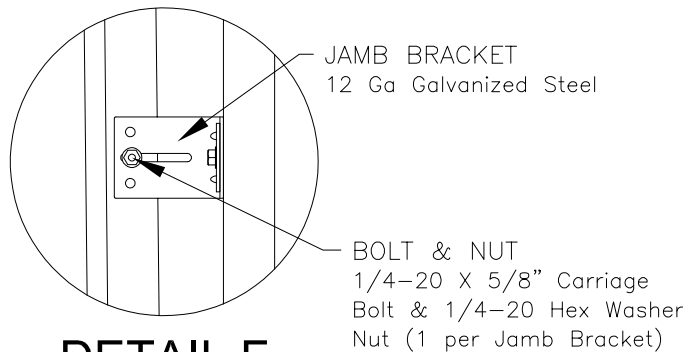
DETAIL C



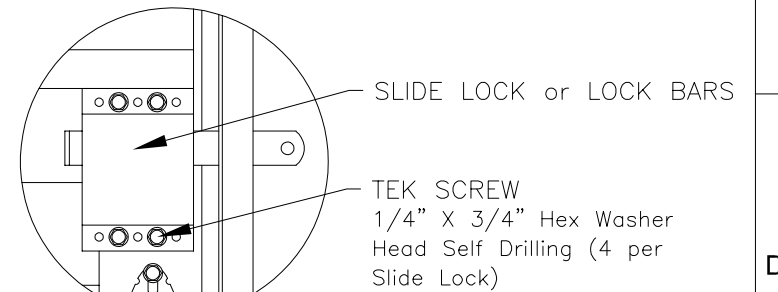
DETAIL D



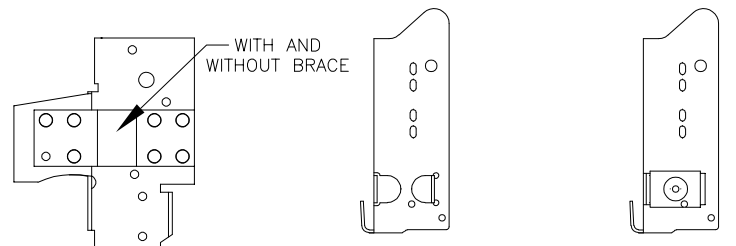
DETAIL E



DETAIL F



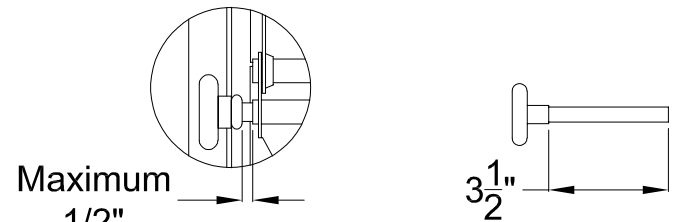
DETAIL G



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

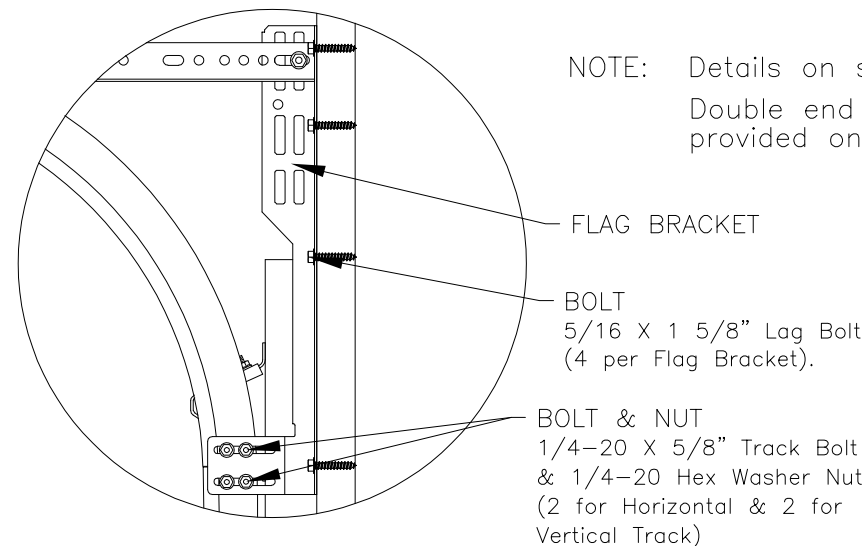


DETAIL K

ROLLER

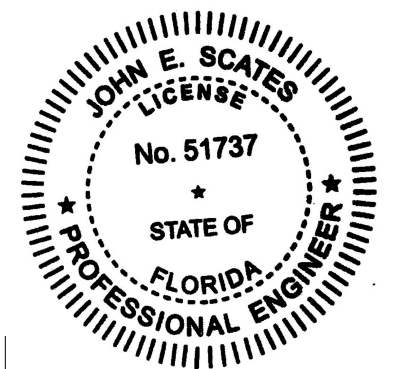
There should be a
space of maximum
1/2" between the roller
hub and the outside
edge of the roller
holder which is set by
the push nut.

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



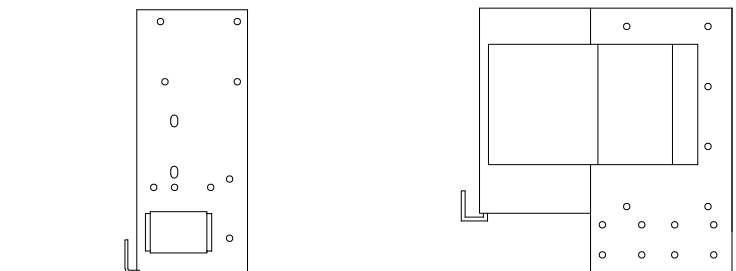
DETAIL H

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



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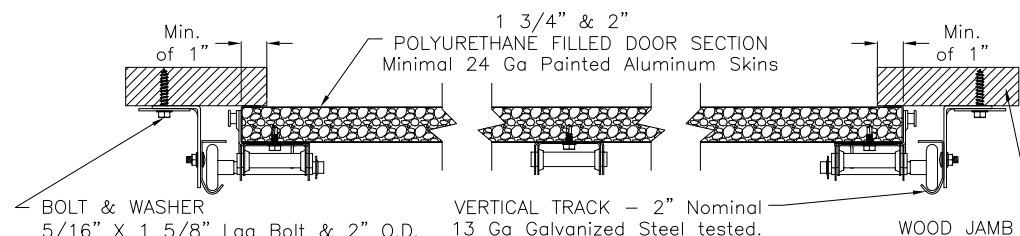


COMMERCIAL HEAVY DUTY
For Standard, High &
Vertical Lift With 3" Track
and Double End Stiles

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 5/8" 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
jamb to the structure.

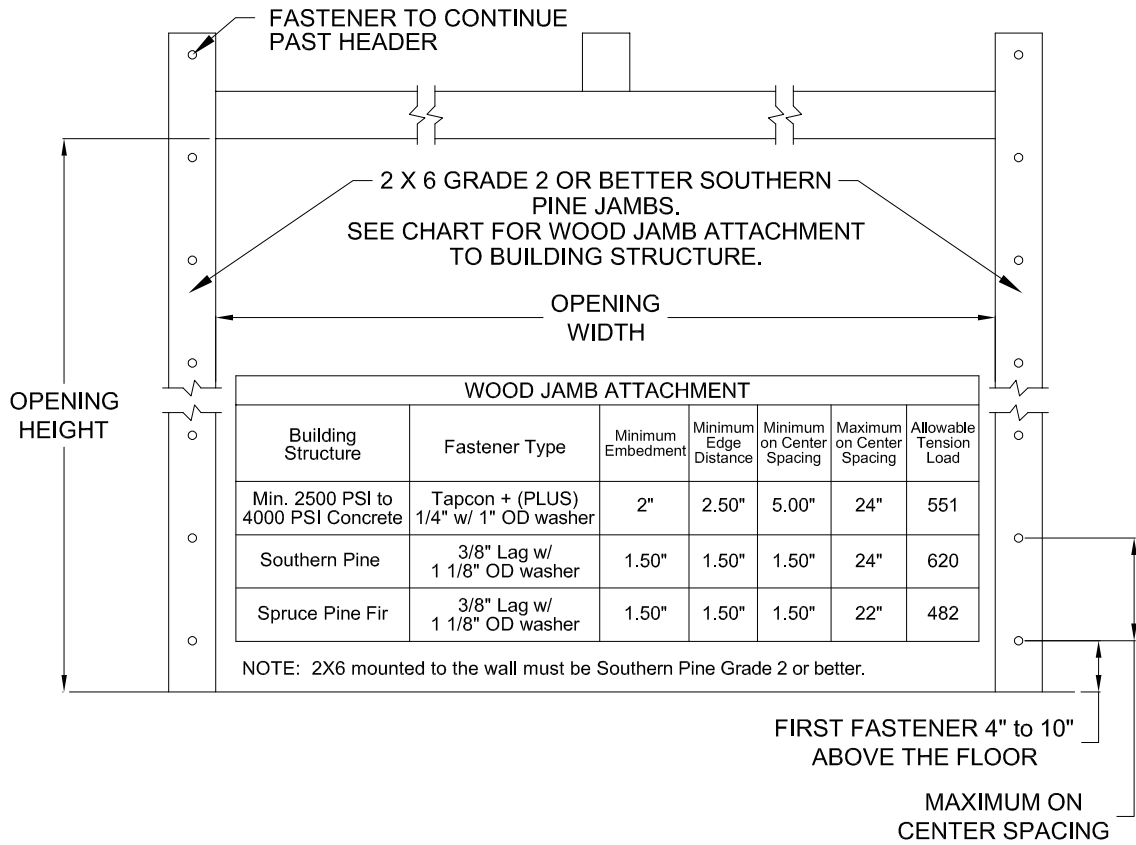
IMPACT RESISTANT

FL #27613.5



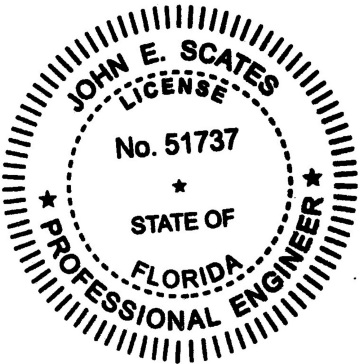
320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION: 16' 2" HT 5000 & AM. TRAD. 9000a ALUMINUM SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +31.3/-34.9 PSF			
DRAWING NO.: WL-5000-0194-08-31-35	REV. L		
DRAWN BY: MVS	DATE DRAWN: 6/26/14	REV. DATE: 8/1/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4



MODEL NUMBERS

MODEL NUMBERS AVAILABLE
HT 5 _10 SERIES
HT 5 _12 SERIES
HT 5 _14 SERIES
HT 5 _16 SERIES
HT 5 _70 SERIES
HT5 _80 SERIES
American Tradition 9000a Series



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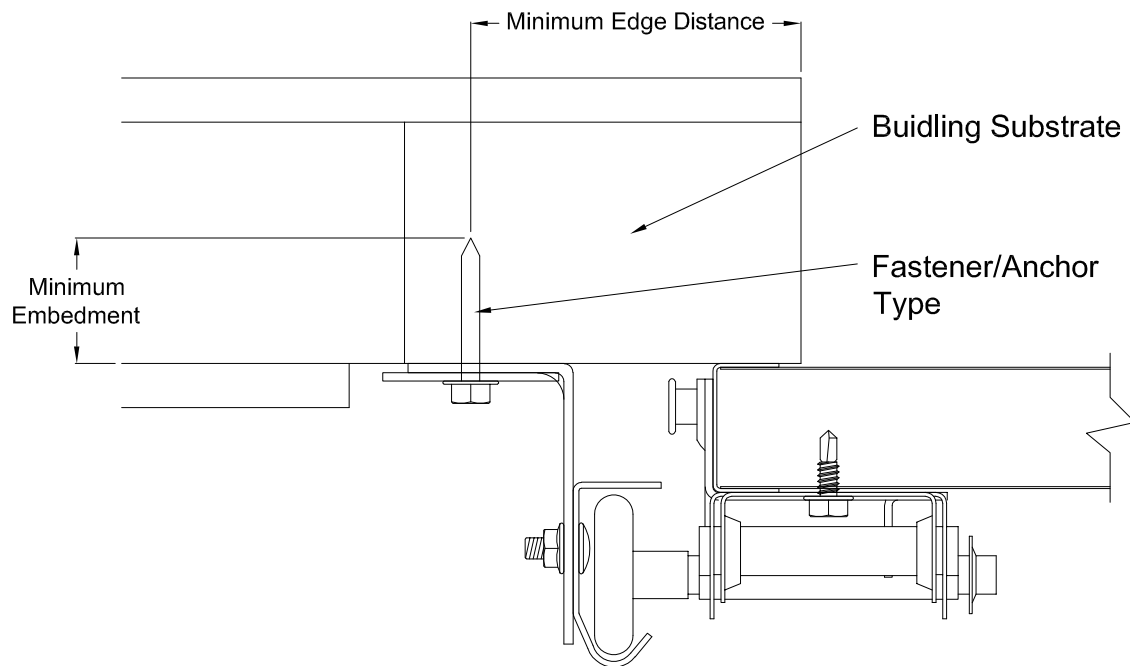
IMPACT RESISTANT

FL #27613.5



DESCRIPTION:
16' 2" HT 5000 & AM. TRAD. 9000a ALUMINUM SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +31.3/-34.9 PSF

DRAWING NO.: WL-5000-0194-08-31-35	REV. L	
DRAWN BY: MVS	DATE DRAWN: 6/26/14	REV. DATE: 8/1/25
MODEL(S): See Sheet 3		SHEET: 3 OF 4

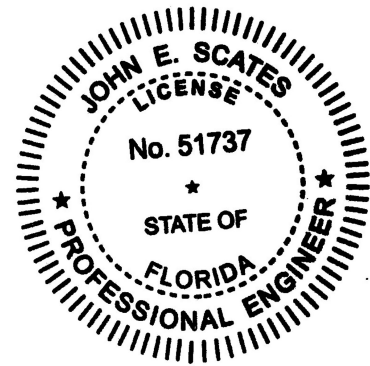


Direct Mounting Detail

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 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 #27613.5



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Wauseon, Ohio 43567
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DESCRIPTION:
16' 2" HT 5000 & AM. TRAD. 9000a ALUMINUM SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +31.3/-34.9 PSF

DRAWING NO.: WL-5000-0194-08-31-35 **REV.** L

DRAWN BY: MVS **DATE DRAWN:** 6/26/14 **REV. DATE:** 8/1/25

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