

Door Height
8' - 0" Shown
See chart
below for other
door heights

Door Width 10' - 2" Shown
See chart below for other
door widths

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

NOTE: ALL GLAZING IS IMPACT
RESISTANT POLYCARBONATE. THE
MAXIMUM DAY LIGHT OPENING
(DLO) IS 53-3/4" X 19".
SOLID PANELS ARE NOT AVAILABLE.

The cap strut should be
attached to the section
at the location indicated.
The end bolts should be
located 1" from the end.

Slide Lock or Lock Bars
Detail G (sheet 2 of 4)

Flag Bracket
Detail H (sheet 2 of 4)

Jamb Bracket
Detail F (sheet 2 of 4)

Bottom Bracket
Detail C (sheet 2 of 4)

End Hinge
Detail B (sheet 2 of 4)

Strut & Strut Attachment
Detail E (sheet 2 of 4)

Intermediate Hinge
Detail D (sheet 2 of 4)

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				
		RA 360i SERIES		CA 320i SERIES				
Door Widths Up To	Design Pressures		End Stile	Minimum Center		Minimum Center		Impact Resistant
	+ psf	- psf		Stiles	Hinges	Stiles	Hinges	
8'-2"	48.0	-52.0	Double	1	1	1	1	YES
9'-2"	48.0	-52.0	Double	1	1	1	1	YES
10'-2"	48.0	-52.0	Double	1	1	2	2	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 professional engineer for specific wind loads.

Door Height	Total # of Sections	Total # of Struts		Jamb Brkts per Side
		E Strut	Cap Strut	
6'-0"	3	2	2	4
6'-0"	4	2	3	4
6'-3"	4	2	3	4
6'-6"	4	2	3	4
6'-9"	4	2	3	4
7'-0"	4	2	3	5
7'-3"	4	2	3	5
7'-6"	4	2	3	5
7'-6"	5	2	4	5
7'-9"	4	2	3	5
7'-9"	5	2	4	5
8'-0"	4	2	3	5
8'-0"	5	2	4	5

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

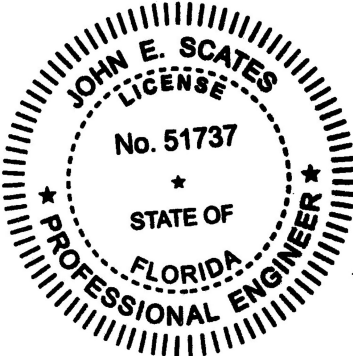
FL #27667.3



320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION:
10' 2" EXTRUDED ALUMINUM SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +48.0/-52.0 PSF

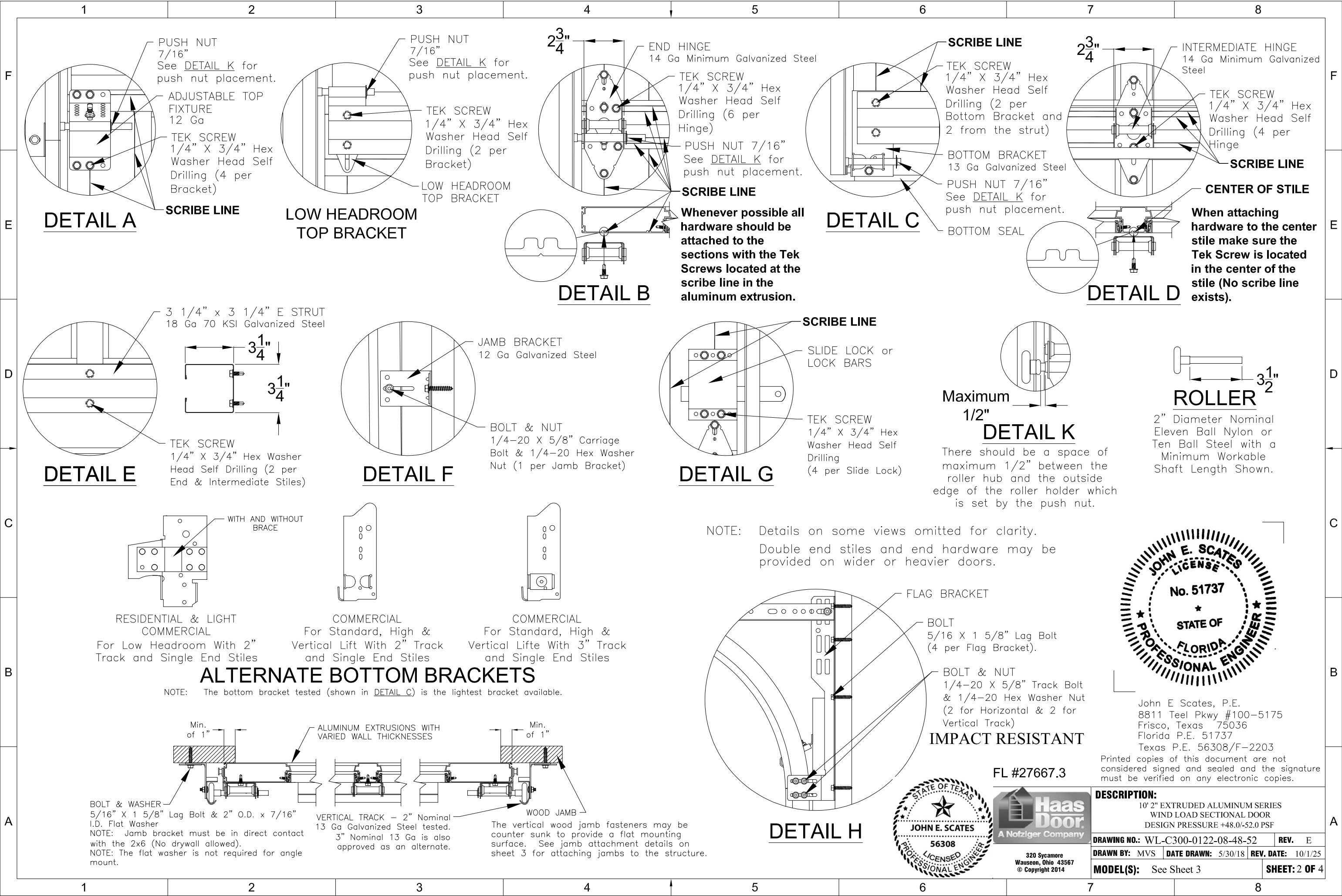
DRAWING NO.: WL-C300-0122-08-48-52		REV. E
DRAWN BY: MVS	DATE DRAWN: 5/30/18	REV. DATE: 10/1/25
MODEL(S): See Sheet 3		SHEET: 1 OF 4

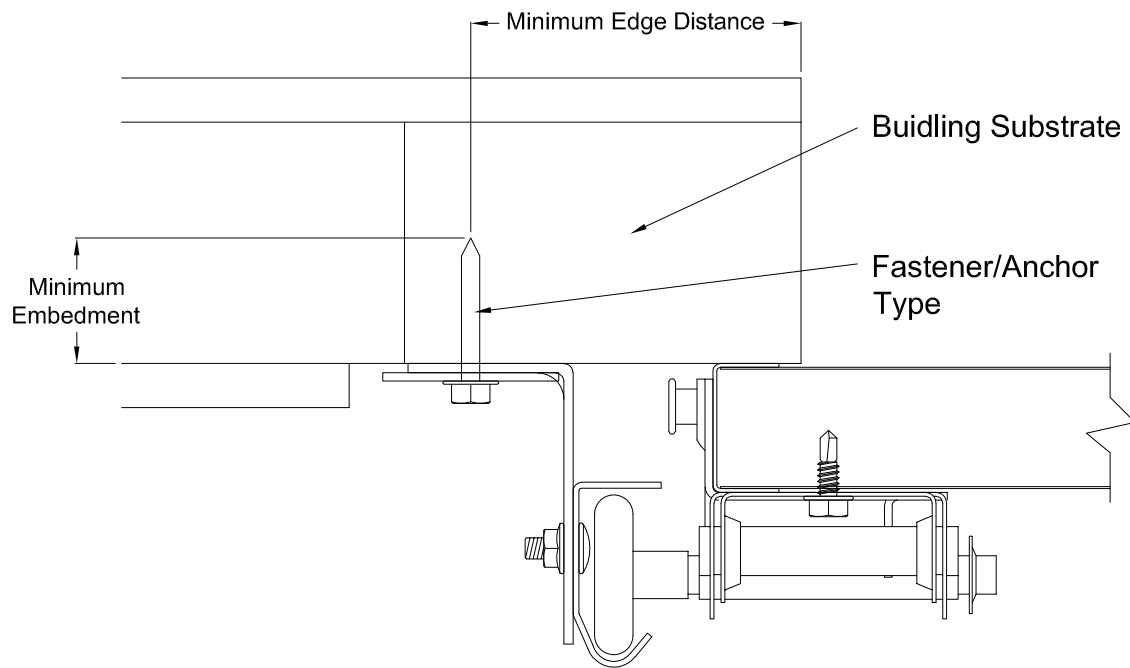


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Digitally signed by John E Scates
Date: 2025.10.09 14:14:22 -04'00'



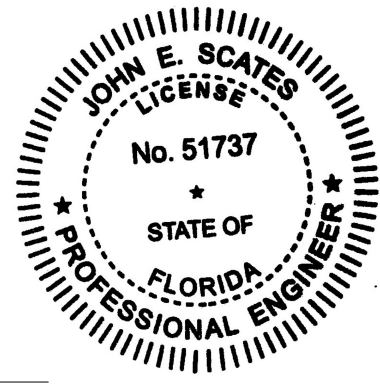
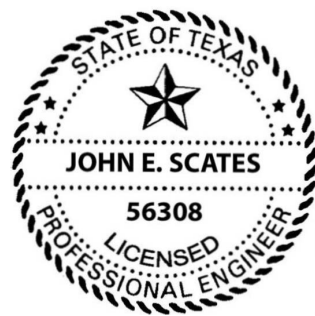


Direct Mounting Detail

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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FL #27667.3



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10' 2" EXTRUDED ALUMINUM SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WL-C300-0122-08-48-52 **REV.** E

DRAWN BY: MVS **DATE DRAWN:** 5/30/18 **REV. DATE:** 10/1/25

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

320 Sycamore
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