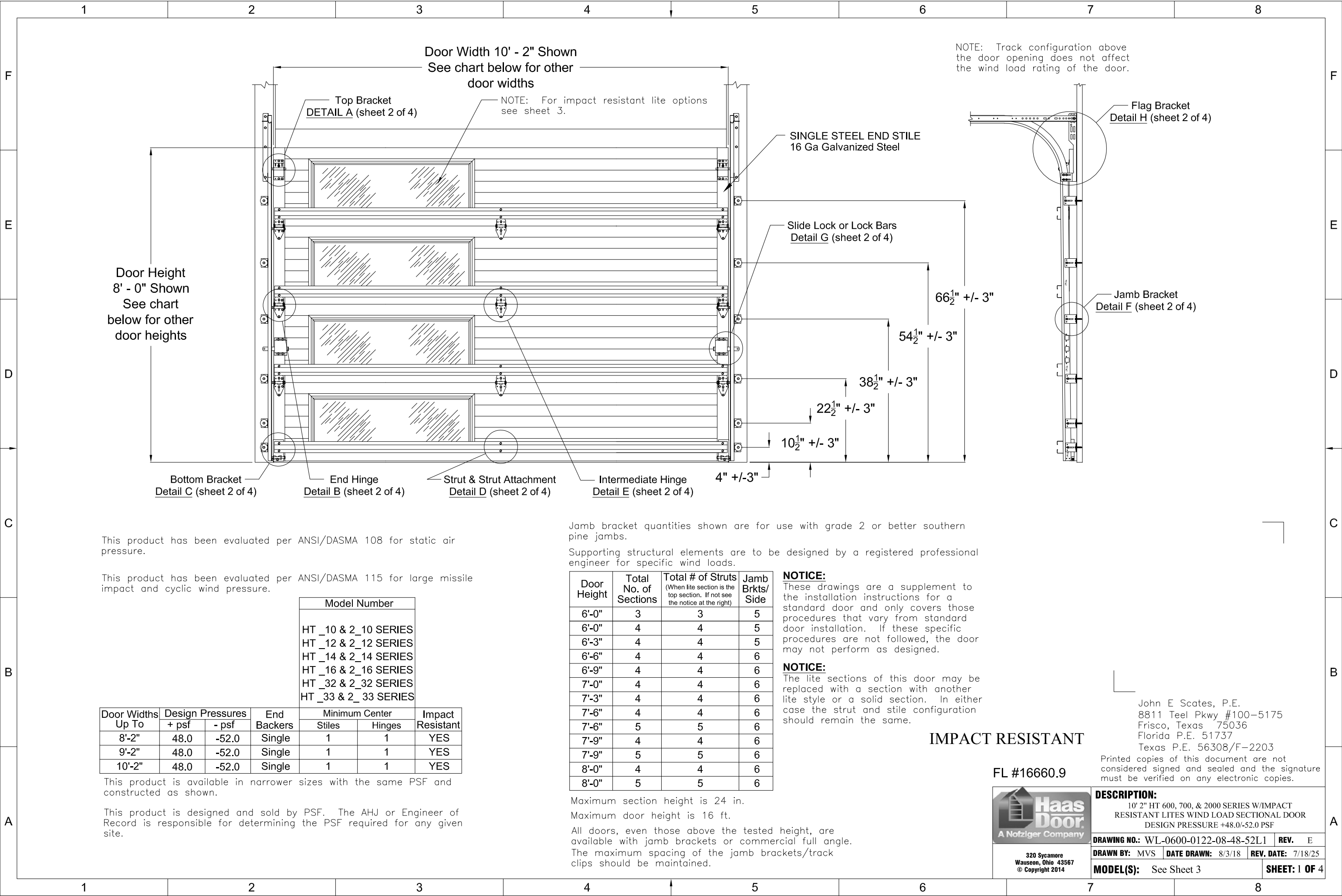




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

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

Model Number						
HT _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						
Door Widths Up To	Design Pressures		End Backers	Minimum Center		Impact Resistant
	+ psf	- psf		Stiles	Hinges	
8'-2"	48.0	-52.0	Single	1	1	YES
9'-2"	48.0	-52.0	Single	1	1	YES
10'-2"	48.0	-52.0	Single	1	1	YES

This product is available in narrower sizes with the same PSF and constructed as shown.

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	5
6'-0"	4	4	5
6'-3"	4	4	5
6'-6"	4	4	6
6'-9"	4	4	6
7'-0"	4	4	6
7'-3"	4	4	6
7'-6"	4	4	6
7'-6"	5	5	6
7'-9"	4	4	6
7'-9"	5	5	6
8'-0"	4	4	6
8'-0"	5	5	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.

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 sections 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.

IMPACT RESISTANT

FL #16660.9



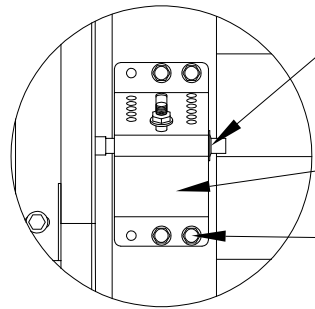
320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014

DESCRIPTION:
10' 2" HT 600, 700, & 2000 SERIES W/IMPACT RESISTANT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WL-0600-0122-08-48-52L1	REV. E	
DRAWN BY: MVS	DATE DRAWN: 8/3/18	REV. DATE: 7/18/25
MODEL(S): See Sheet 3	SHEET: 1 OF 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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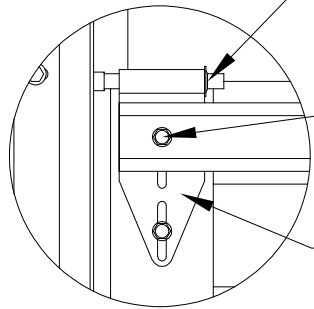


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

ADJUSTABLE TOP FIXTURE
12 Ga

TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (4 per Bracket)

DETAIL A

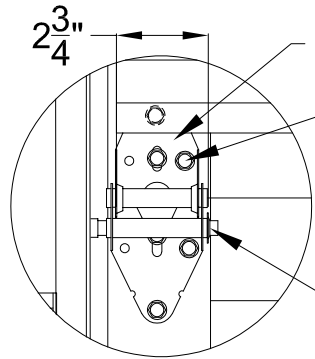


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (2 per Bracket)

LOW HEADROOM TOP
BRACKET

**LOW HEADROOM
TOP BRACKET**

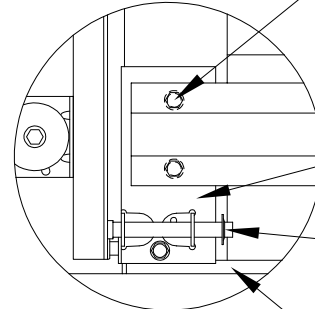


END HINGE
14 Ga Minimum Galvanized Steel

TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (6 per Hinge)
(One through the strut and
the top of the end hinge)

PUSH NUT
7/16"
See DETAIL K for push nut
placement.

DETAIL B



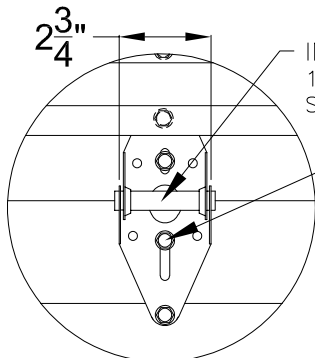
TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (3 per
Bottom Bracket)
(Two through the strut and
and the bottom bracket)

BOTTOM BRACKET
13 Ga Galvanized Steel

PUSH NUT
7/16"
See DETAIL K for push
nut placement.

BOTTOM SEAL

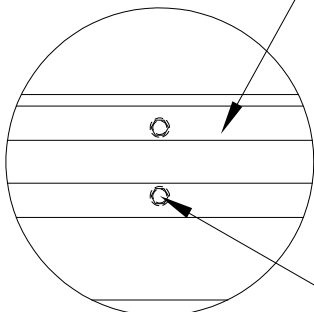
DETAIL C



INTERMEDIATE HINGE
18 Ga Minimum Galvanized
Steel

TEK SCREW
1/4" X 3/4" Hex
Washer Head Self
Drilling
(4 per Hinge)
(One through the
strut and the top of
the intermediate hinge)

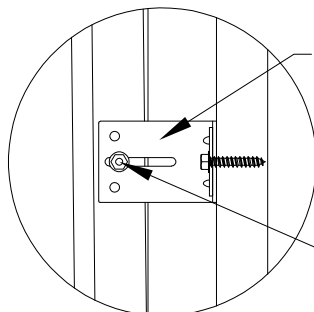
DETAIL D



3 1/4" x 3 1/4" E STRUT
18 Ga 70 KSI Galvanized Steel

TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (2 per
End & Intermediate Stiles)

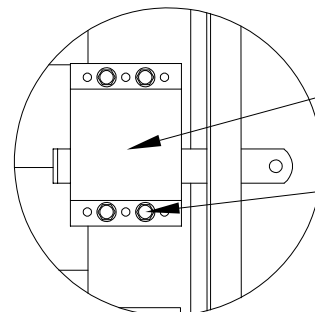
DETAIL E



JAMB BRACKET
12 Ga Galvanized Steel

BOLT & NUT
1/4-20 X 5/8" Carriage
Bolt & 1/4-20 Hex Washer
Nut (1 per Jamb Bracket)

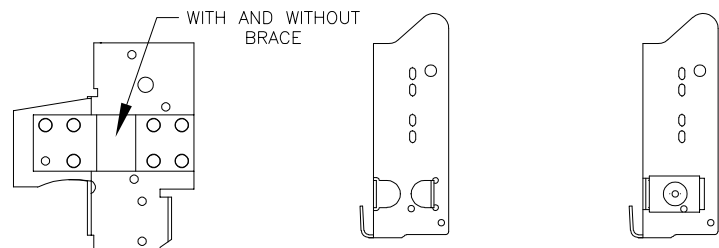
DETAIL F



SLIDE LOCK or LOCK BARS

TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (4 per
Slide Lock)

DETAIL G



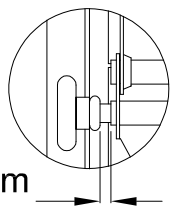
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles

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

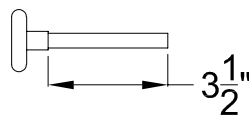
ALTERNATE BOTTOM BRACKETS

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



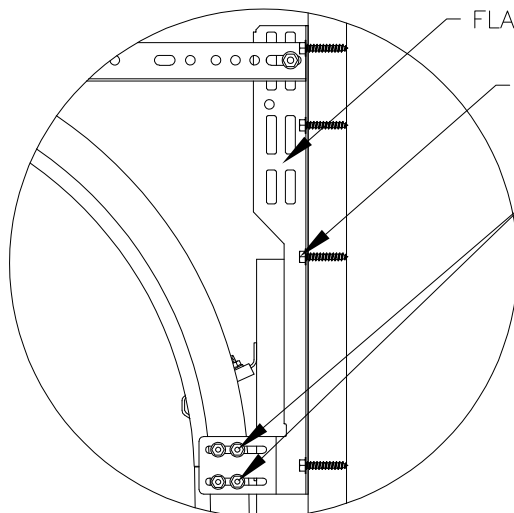
**Maximum
1/2"**
DETAIL K

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.



FLAG BRACKET

BOLT
5/16 X 1 5/8" Lag Bolt
(4 per Flag Bracket).

BOLT & NUT
1/4-20 X 5/8" Track Bolt
& 1/4-20 Hex Washer Nut
(2 for Horizontal & 2 for
Vertical Track)

DETAIL H

IMPACT RESISTANT

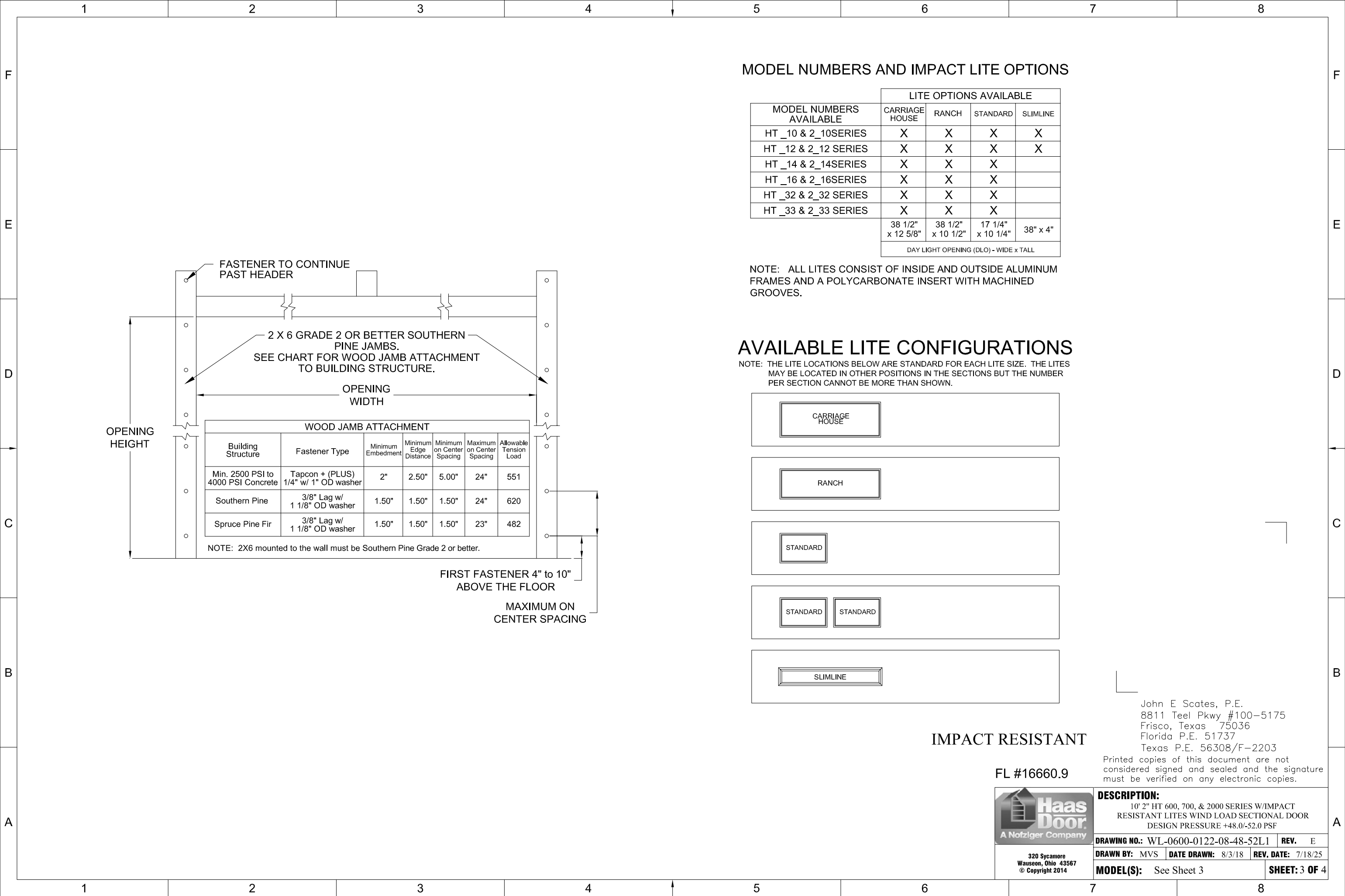
FL #16660.9

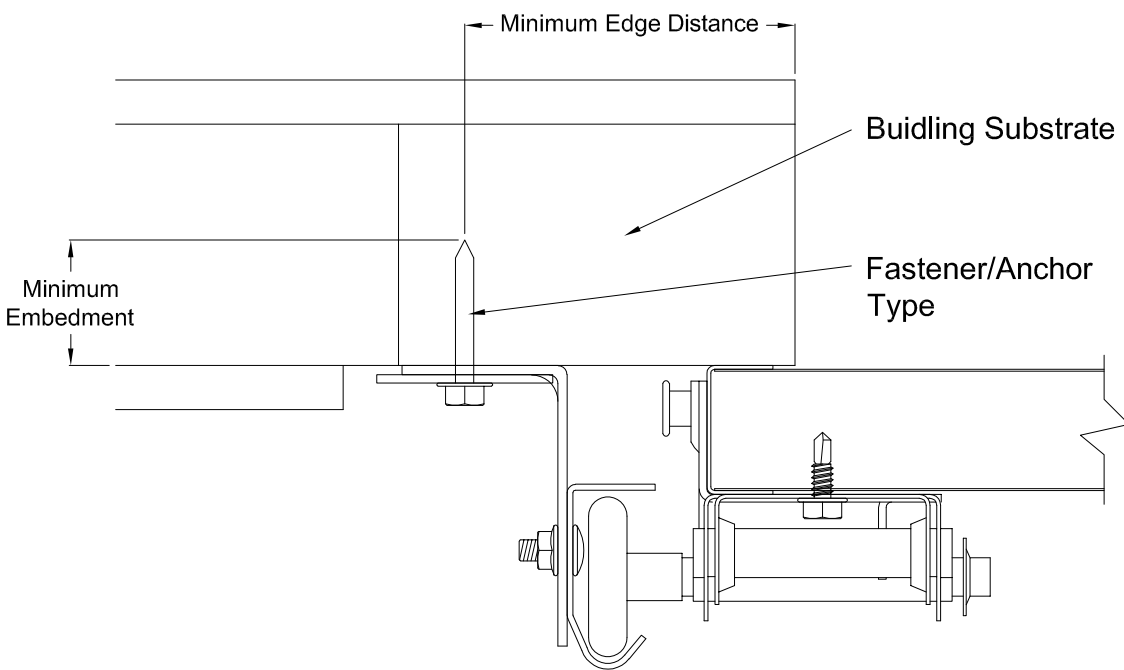


DESCRIPTION: 10' 2" HT 600, 700, & 2000 SERIES W/IMPACT RESISTANT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +48.0/-52.0 PSF			
DRAWING NO.: WL-0600-0122-08-48-52L1	REV. E		
DRAWN BY: MVS	DATE DRAWN: 8/3/18	REV. DATE: 7/18/25	
MODEL(S): See Sheet 3	SHEET: 2 OF 4		

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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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 #16660.9



320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION:
10' 2" HT 600, 700, & 2000 SERIES W/IMPACT RESISTANT LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WL-0600-0122-08-48-52L1	REV. E	
DRAWN BY: MVS	DATE DRAWN: 8/3/18	REV. DATE: 7/18/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4

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