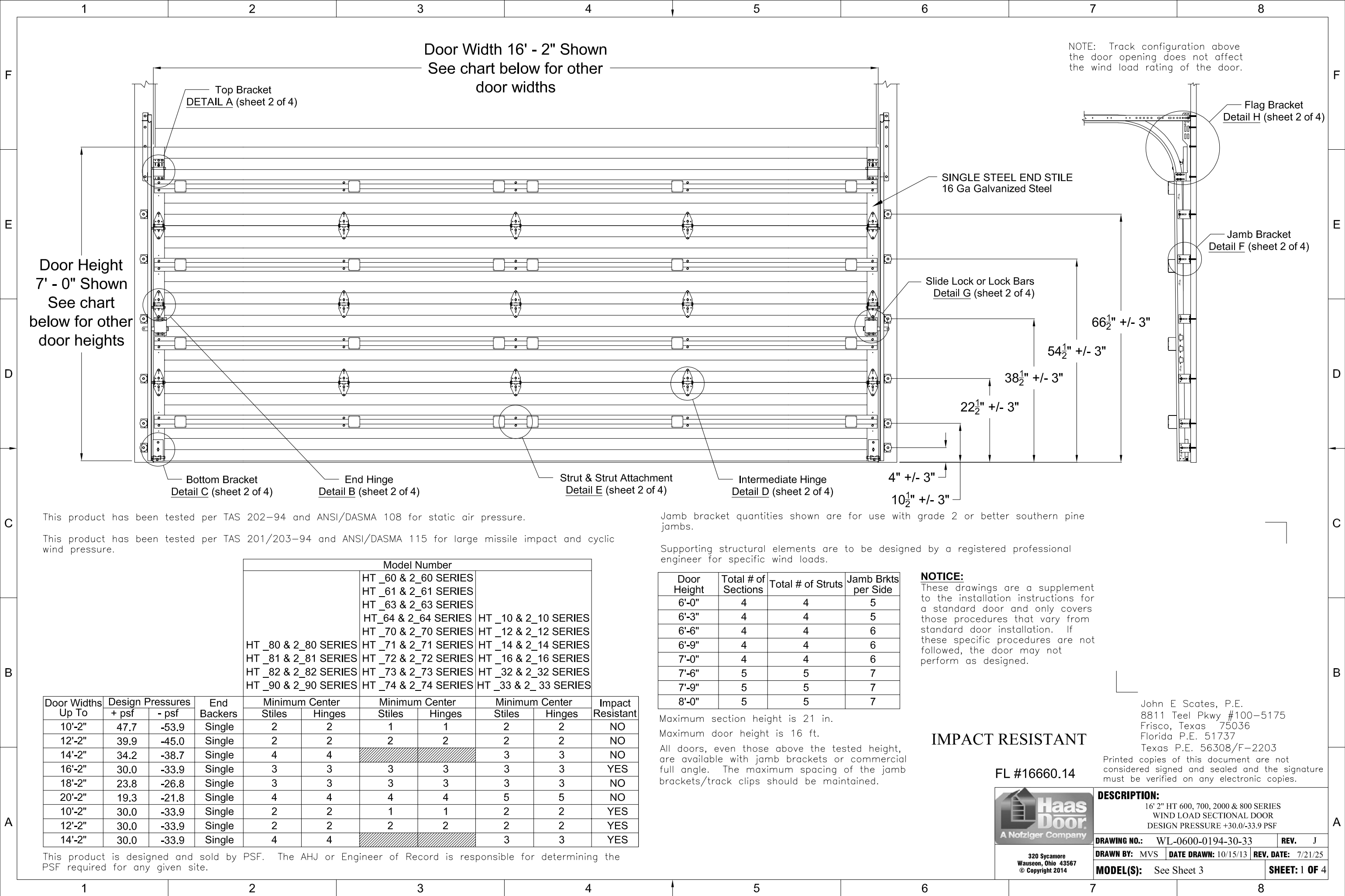




This product has been tested per TAS 202-94 and ANSI/DASMA 108 for static air pressure.

This product has been tested per TAS 201/203-94 and ANSI/DASMA 115 for large missile impact and cyclic wind pressure.

			Model Number							
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"	47.7	-53.9	Single	2	2	1	1	2	2	NO
12'-2"	39.9	-45.0	Single	2	2	2	2	2	2	NO
14'-2"	34.2	-38.7	Single	4	4			3	3	NO
16'-2"	30.0	-33.9	Single	3	3	3	3	3	3	YES
18'-2"	23.8	-26.8	Single	3	3	3	3	3	3	NO
20'-2"	19.3	-21.8	Single	4	4	4	4	5	5	NO
10'-2"	30.0	-33.9	Single	2	2	1	1	2	2	YES
12'-2"	30.0	-33.9	Single	2	2	2	2	2	2	YES
14'-2"	30.0	-33.9	Single	4	4			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"	4	4	5
6'-3"	4	4	5
6'-6"	4	4	6
6'-9"	4	4	6
7'-0"	4	4	6
7'-6"	5	5	7
7'-9"	5	5	7
8'-0"	5	5	7

Maximum section height is 21 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.

IMPACT RESISTANT

FL #16660.14



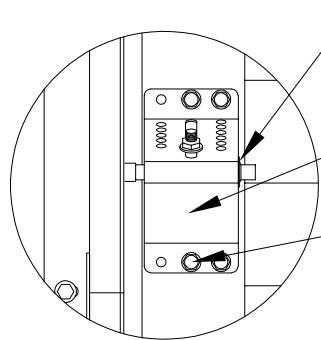
DESCRIPTION:
16' 2" HT 600, 700, 2000 & 800 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +30.0/-33.9 PSF

DRAWING NO.: WL-0600-0194-30-33	REV. J
DRAWN BY: MVS	DATE DRAWN: 10/15/13
MODEL(S): See Sheet 3	REV. DATE: 7/21/25
SHEET: 1 OF 4	

320 Sycamore
Wauseon, Ohio 43567
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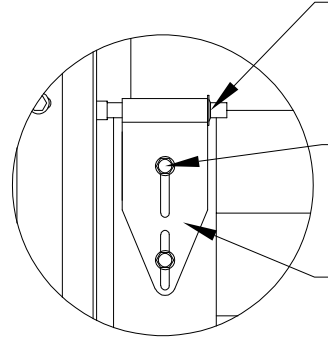


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

ADJUSTABLE TOP FIXTURE
12 Ga

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

DETAIL A

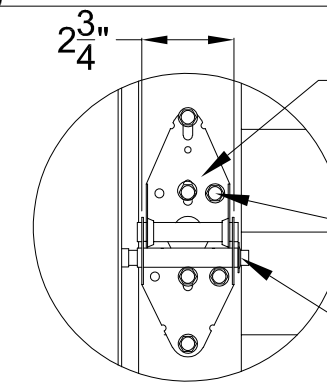


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

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

LOW HEADROOM TOP
BRACKET

**LOW HEADROOM
TOP BRACKET**

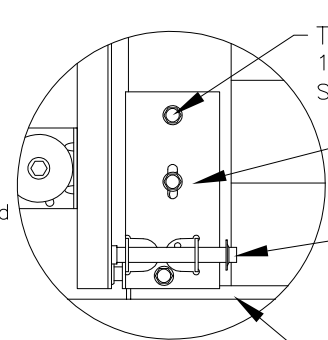


END HINGE
14 Ga Minimum Galvanized Steel

TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (6 per Hinge)

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

DETAIL B



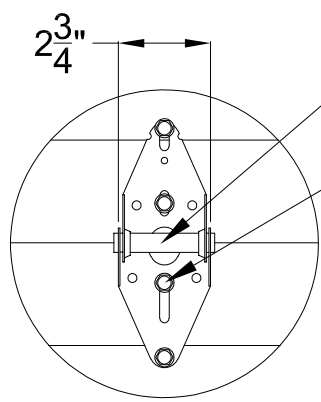
TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (3 per Bottom Bracket)

BOTTOM BRACKET
13 Ga Galvanized Steel

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

BOTTOM SEAL

DETAIL C

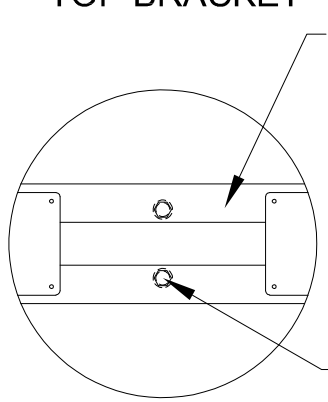


INTERMEDIATE HINGE
18 Ga Minimum Galvanized Steel

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

DETAIL D

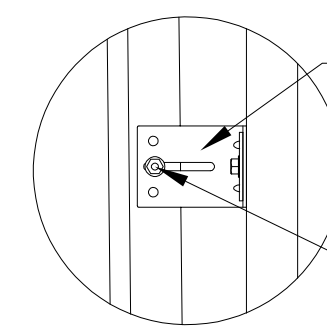
NOTE: The location of the
intermediate hinges is
indicated by the toggle
lock dimples at the top of
each section.



3 1/2" x 4" E STRUT
18 Ga 50 KSI Minimum
Galvanized Steel

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

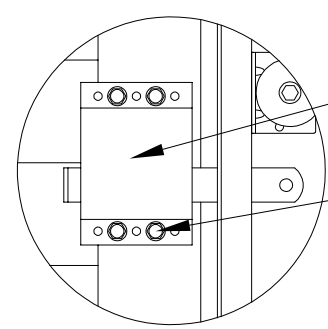
DETAIL E



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)

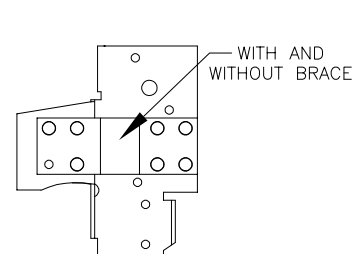
DETAIL F



SLIDE LOCK or LOCK BARS

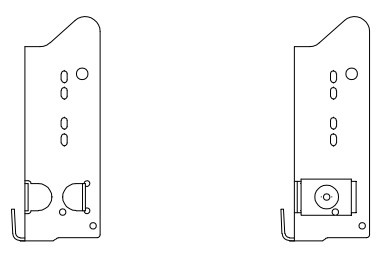
TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (4 per
Slide Lock)

DETAIL G

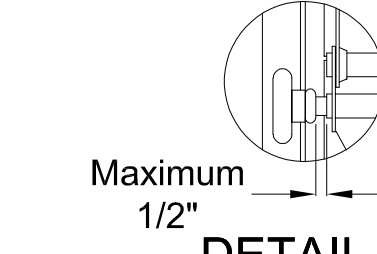


WITH AND
WITHOUT BRACE

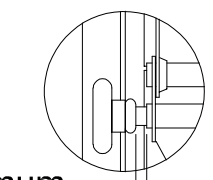
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles



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



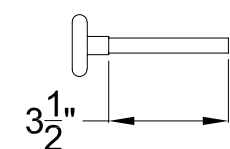
COMMERCIAL
For Standard, High
& Vertical Lift
With 3" Track and
Single End Stiles



Maximum
1/2"

DETAIL K

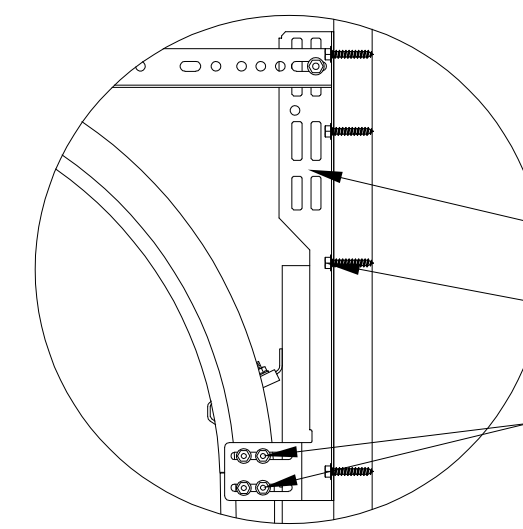
There should be a
space of maximum
1/2" between the roller
hub and the outside
edge of the roller
holder which is set by
the push nut.



3 1/2"

ROLLER

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



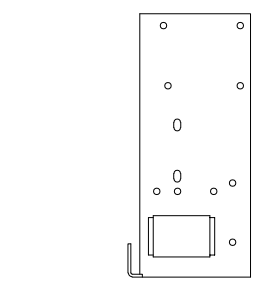
FLAG BRACKET

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

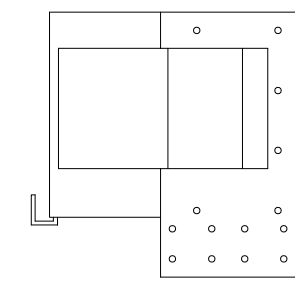
BOLT & NUT
1/4-20 X 5/8" Track Bolt
& 1/4-20 Hex Washer Nut
(2 for Horizontal & 2 for
Vertical Track)

DETAIL H

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



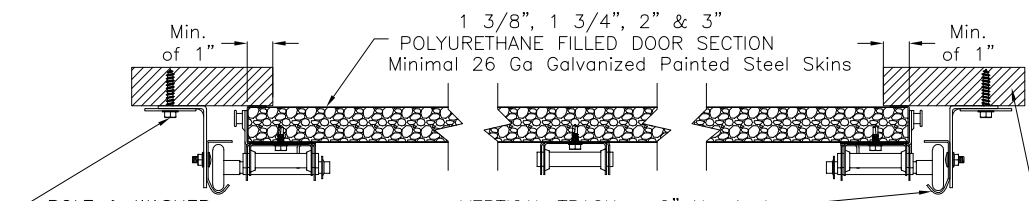
COMMERCIAL HEAVY DUTY
For Standard, High &
Vertical Lift With 3" Track
and Double End Stiles



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.



1 3/8", 1 3/4", 2" & 3"
POLYURETHANE FILLED DOOR SECTION
Minimal 26 Ga Galvanized Painted Steel Skins

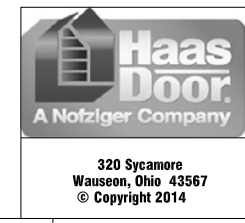
BOLT & WASHER
5/16" X 1 5/8" Lag Bolt & 2" O.D.
x 7/16" I.D. Flat Washer
NOTE: Jamb bracket must be in
direct contact with the 2x6 (No
drywall allowed).
NOTE: A 5/8" minimal O.D. flat washer
(not provided) is required for angle
mount.

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

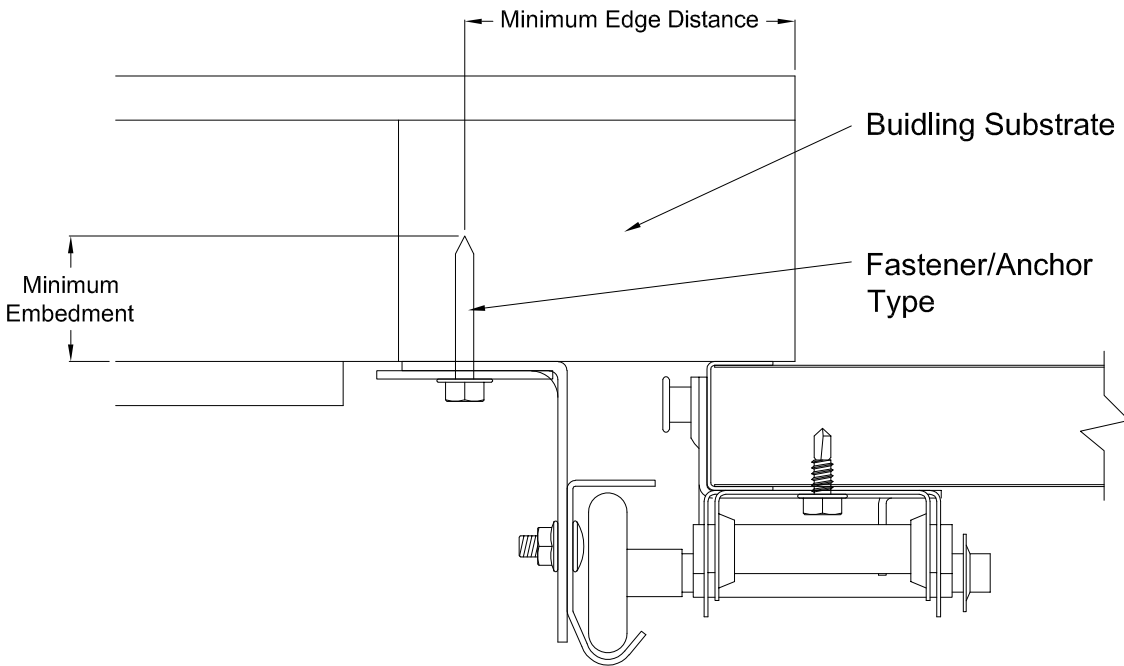
FL #16660.14



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Texas P.E. 56308/F-2203

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must be verified on any electronic copies.

DESCRIPTION:			
16' 2" HT 600, 700, 2000 & 800 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +30.0/-33.9 PSF			
DRAWING NO.:	WL-0600-0194-30-33	REV.	J
DRAWN BY:	MVS	DATE DRAWN:	10/15/13
MODEL(S):	See Sheet 3	REV. DATE:	7/21/25
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.

IMPACT RESISTANT

FL #16660.14



DESCRIPTION:
16' 2" HT 600, 700, 2000 & 800 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +30.0/-33.9 PSF

DRAWING NO.: WL-0600-0194-30-33	REV. J	
DRAWN BY: MVS	DATE DRAWN: 10/15/13	REV. DATE: 7/21/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4

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