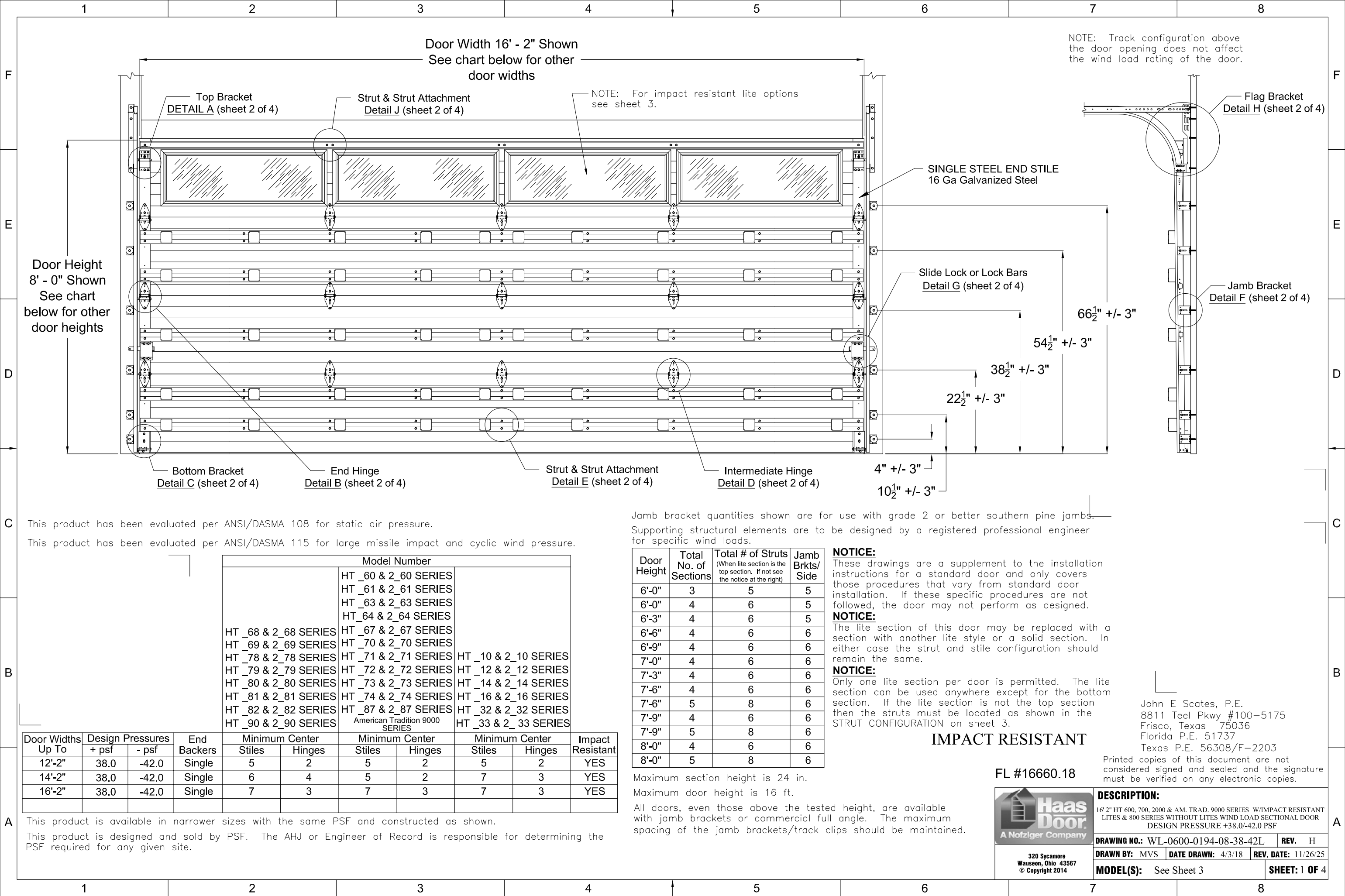




This product has been evaluated per ANSI/DASMA 108 for static air pressure.

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

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

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 section 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.

NOTICE:
Only one lite section per door is permitted. The lite section can be used anywhere except for the bottom section. If the lite section is not the top section then the struts must be located as shown in the STRUT CONFIGURATION on sheet 3.

IMPACT RESISTANT

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.

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Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203

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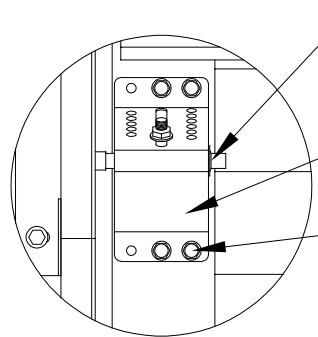
Door Widths Up To	Design Pressures		End Backers	Minimum Center		Minimum Center		Minimum Center		Impact Resistant
	+ psf	- psf		Stiles	Hinges	Stiles	Hinges	Stiles	Hinges	
12'-2"	38.0	-42.0	Single	5	2	5	2	5	2	YES
14'-2"	38.0	-42.0	Single	6	4	5	2	7	3	YES
16'-2"	38.0	-42.0	Single	7	3	7	3	7	3	YES

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.

FL #16660.18

 A Nofziger Company		DESCRIPTION: 16' 2" HT 600, 700, 2000 & AM. TRAD. 9000 SERIES W/IMPACT RESISTANT LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +38.0/-42.0 PSF	
DRAWING NO.: WL-0600-0194-08-38-42L		REV. H	
DRAWN BY: MVS		DATE DRAWN: 4/3/18	REV. DATE: 11/26/25
MODEL(S): See Sheet 3			SHEET: 1 OF 4

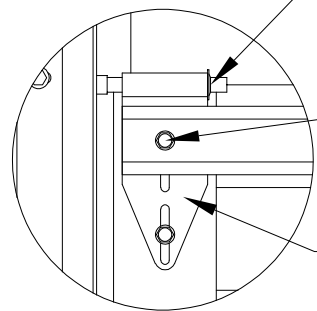


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

ADJUSTABLE TOP FIXTURE
12 Ga

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

DETAIL A

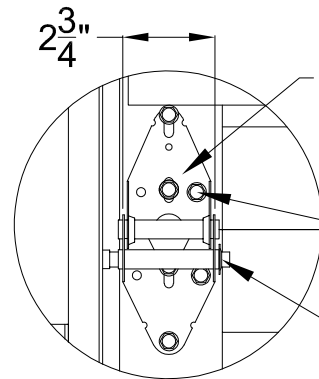


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

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

LOW HEADROOM TOP
BRACKET

**LOW HEADROOM
TOP BRACKET**

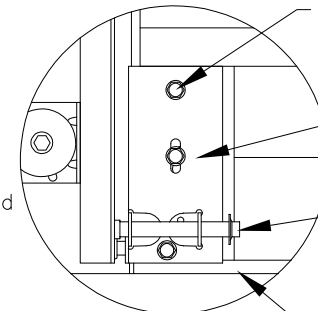


END HINGE
14 Ga Minimum Galvanized Steel

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



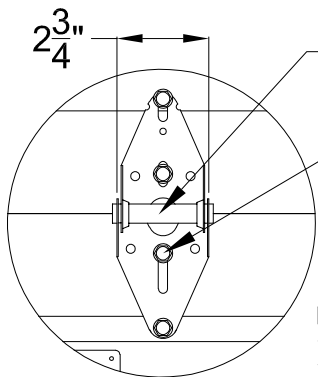
TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (3 per Bottom Bracket)

BOTTOM BRACKET
13 Ga Galvanized Steel

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

BOTTOM SEAL

DETAIL C

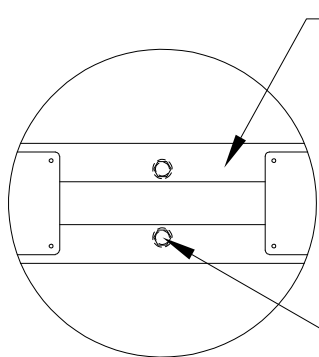


INTERMEDIATE HINGE
18 Ga Minimum Galvanized
Steel

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

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

DETAIL D



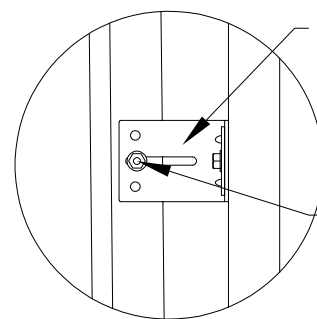
3 1/2" x 4" E STRUT
18 Ga 50 KSI Minimum
Galvanized Steel

4"

3 1/2"

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

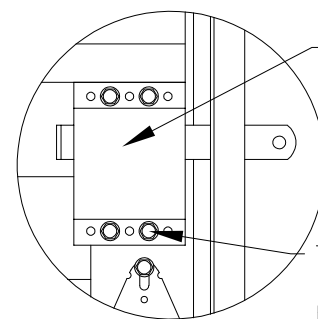
DETAIL E



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)

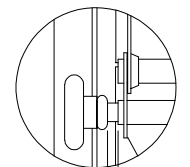
DETAIL F



SLIDE LOCK or
LOCK BARS

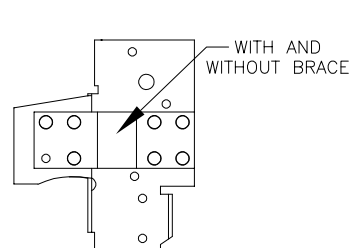
TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (4 per
Slide Lock)

DETAIL G



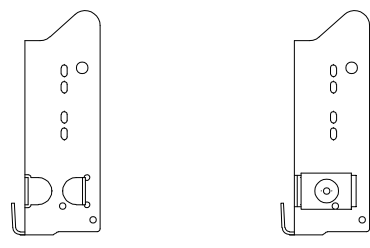
Maximum
1/2"
DETAIL K

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.

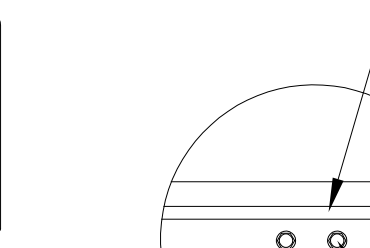


WITH AND
WITHOUT BRACE

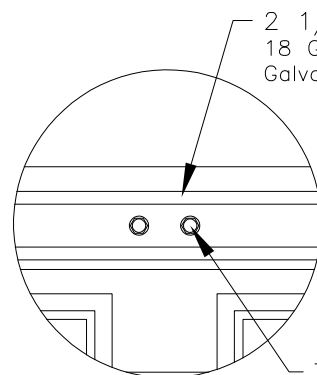
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles



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



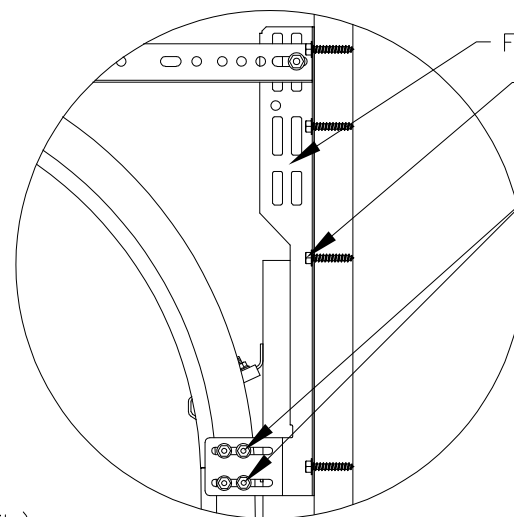
2 1/4" x 2 3/4" E STRUT
18 Ga 70 KSI Minimum
Galvanized Steel

2 3/4"

2 1/4"

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

DETAIL J

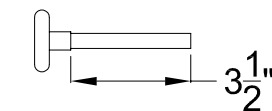


FLAG BRACKET

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



ROLLER

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

IMPACT RESISTANT

FL #16660.18



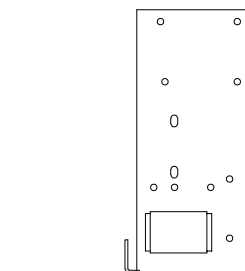
DESCRIPTION:

16' 2" HT 600, 700, 2000 & AM. TRAD. 9000 SERIES W/IMPACT RESISTANT
LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +38.0/-42.0 PSF

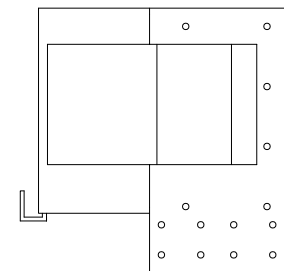
DRAWING NO.: WL-0600-0194-08-38-42L REV. H

DRAWN BY: MVS DATE DRAWN: 4/3/18 REV. DATE: 11/26/25

MODEL(S): See Sheet 3 SHEET: 2 OF 4



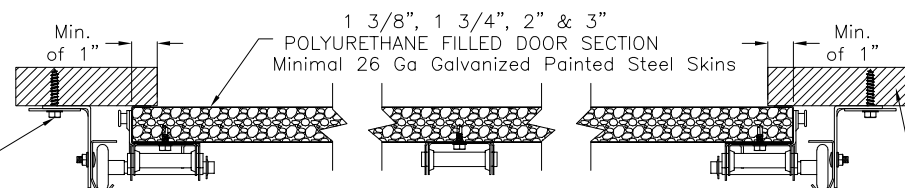
COMMERCIAL HEAVY DUTY
For Standard, High &
Vertical Lift With 3" Track
and Double End Stiles



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.

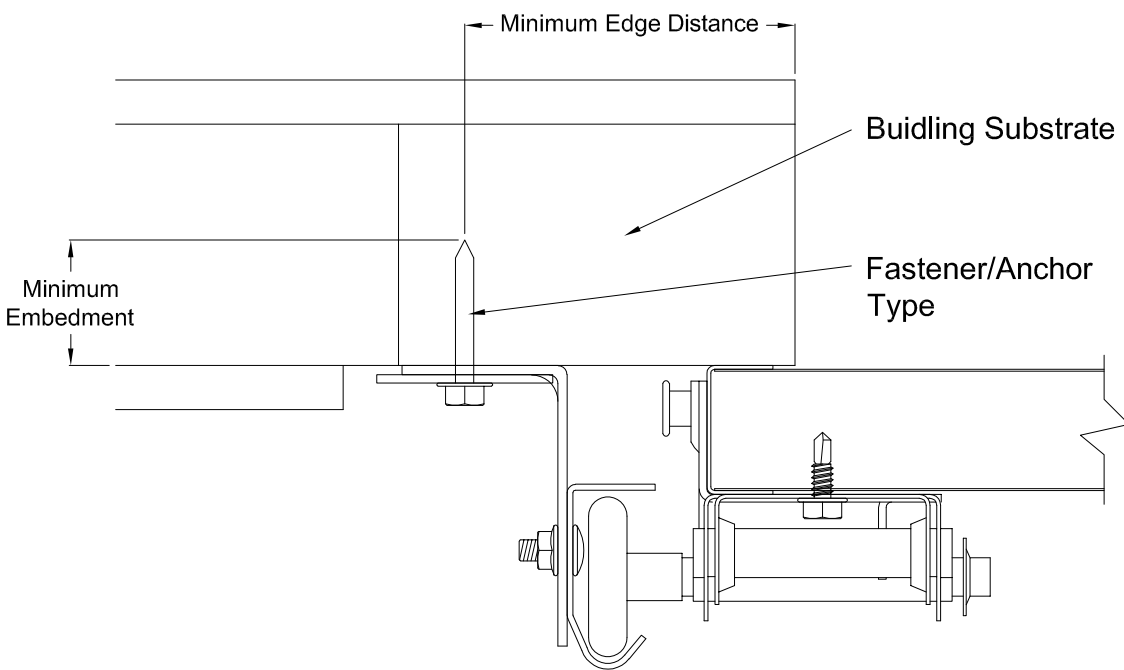


BOLT & WASHER
5/16" X 1 5/8" Lag Bolt & 2" O.D.
x 7/16" I.D. Flat Washer
NOTE: Jamb bracket must be in
direct contact with the 2x6 (No
drywall allowed).
NOTE: The flat washer is not required
for angle mount.

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.

DESCRIPTION:			
16' 2" HT 600, 700, 2000 & AM. TRAD. 9000 SERIES W/IMPACT RESISTANT LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +38.0/-42.0 PSF			
DRAWING NO.: WL-0600-0194-08-38-42L	REV. H		
DRAWN BY: MVS	DATE DRAWN: 4/3/18	REV. DATE: 11/26/25	
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.

IMPACT RESISTANT

FL #16660.18



320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION: 16' 2" HT 600, 700, 2000 & AM. TRAD. 9000 SERIES W/IMPACT RESISTANT LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +38.0/-42.0 PSF			
DRAWING NO.: WL-0600-0194-08-38-42L		REV. H	
DRAWN BY: MVS	DATE DRAWN: 4/3/18	REV. DATE: 11/26/25	
MODEL(S): See Sheet 3			SHEET: 4 OF 4

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