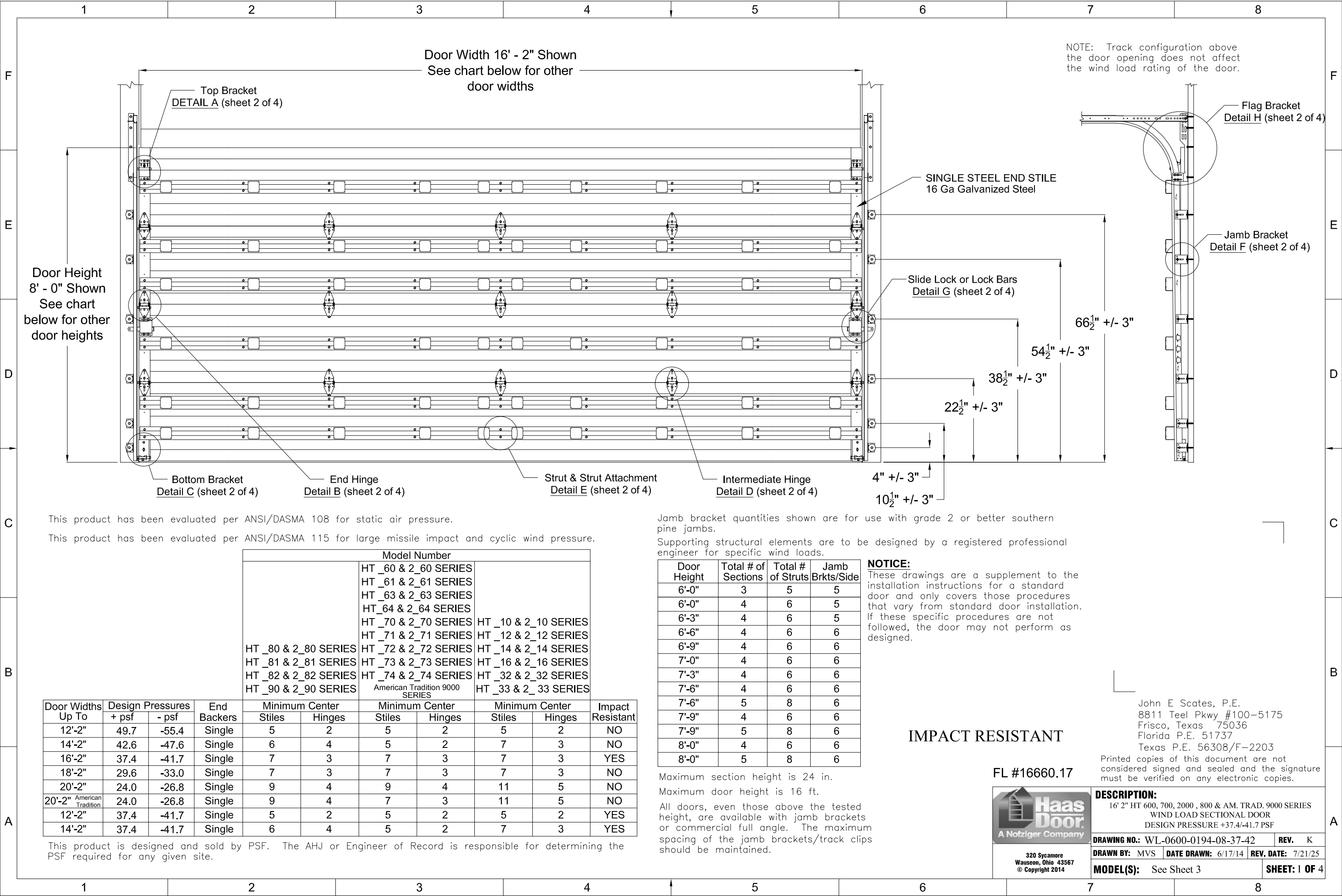




				Model Number						
				HT_60 & 2_60 SERIES HT_61 & 2_61 SERIES HT_63 & 2_63 SERIES HT_64 & 2_64 SERIES HT_70 & 2_70 SERIES HT_71 & 2_71 SERIES HT_80 & 2_80 SERIES HT_81 & 2_81 SERIES HT_82 & 2_82 SERIES HT_90 & 2_90 SERIES		HT_10 & 2_10 SERIES		HT_12 & 2_12 SERIES HT_14 & 2_14 SERIES HT_16 & 2_16 SERIES HT_32 & 2_32 SERIES HT_33 & 2_33 SERIES		
American Tradition 9000 SERIES										
Door Widths	Design Pressures		End Backers	Minimum Center		Minimum Center		Minimum Center		Impact Resistant
Up To	+ psf	- psf		Stiles	Hinges	Stiles	Hinges	Stiles	Hinges	
12'-2"	49.7	-55.4	Single	5	2	5	2	5	2	NO
14'-2"	42.6	-47.6	Single	6	4	5	2	7	3	NO
16'-2"	37.4	-41.7	Single	7	3	7	3	7	3	YES
18'-2"	29.6	-33.0	Single	7	3	7	3	7	3	NO
20'-2"	24.0	-26.8	Single	9	4	9	4	11	5	NO
20'-2" American Tradition	24.0	-26.8	Single	9	4	7	3	11	5	NO
12'-2"	37.4	-41.7	Single	5	2	5	2	5	2	YES
14'-2"	37.4	-41.7	Single	6	4	5	2	7	3	YES

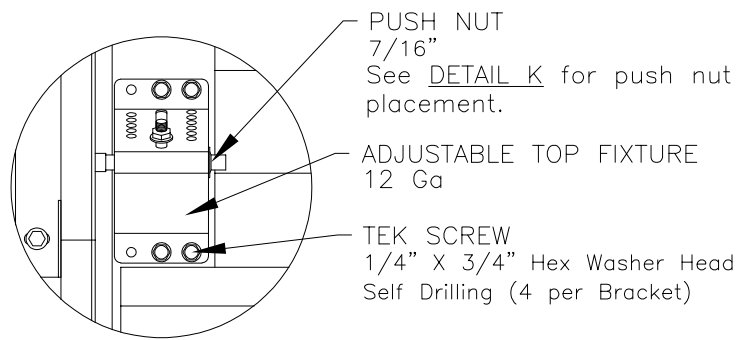
This product is designed and sold by PSF. The AHJ or Engineer of Record is responsible for determining the PSF required for any given site.

Door Height	Total # of Sections	Total # of Struts	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

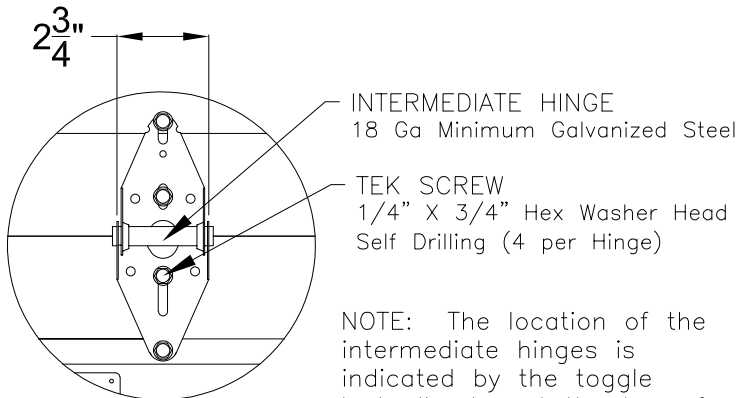
Maximum section height is 24 in.

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.

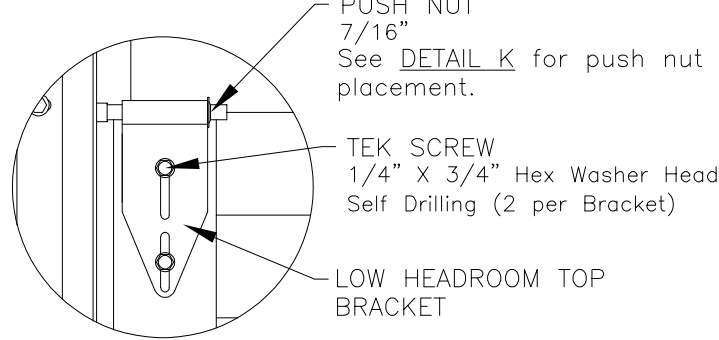


DETAIL A

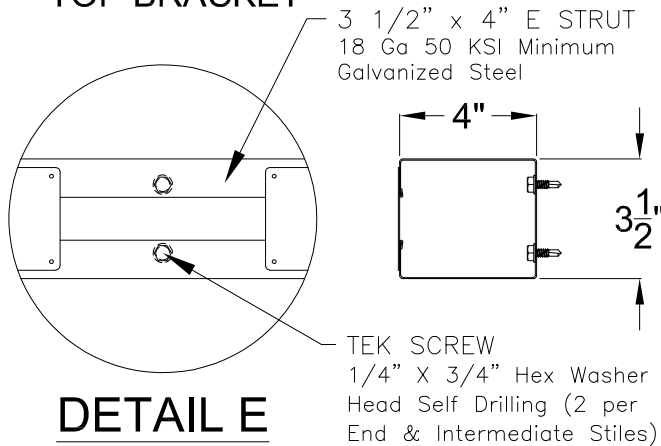


DETAIL D

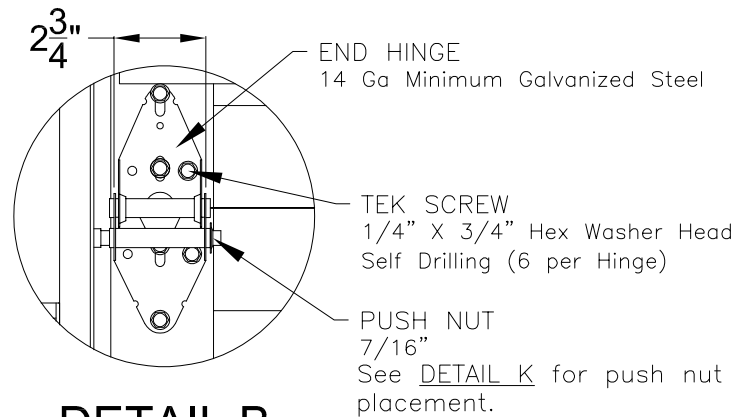
NOTE: The location of the intermediate hinges is indicated by the toggle lock dimples at the top of each section.



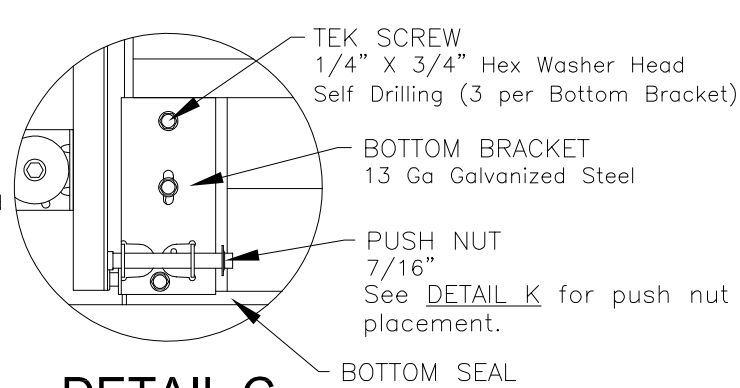
LOW HEADROOM TOP BRACKET



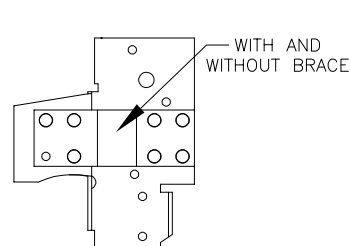
DETAIL E



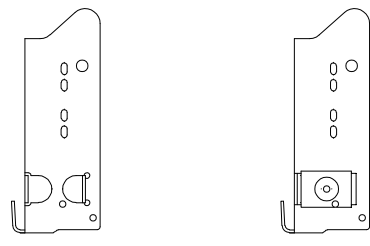
DETAIL B



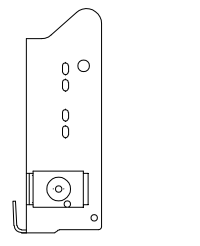
DETAIL C



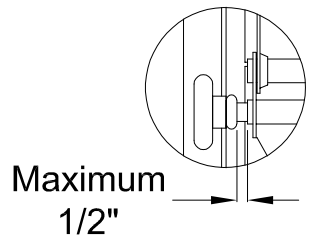
RESIDENTIAL & LIGHT COMMERCIAL For Low Headroom With 2" Track and Single End Stiles



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

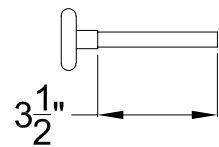


COMMERCIAL For Standard, High & Vertical Lift With 3" Track and Single End Stiles



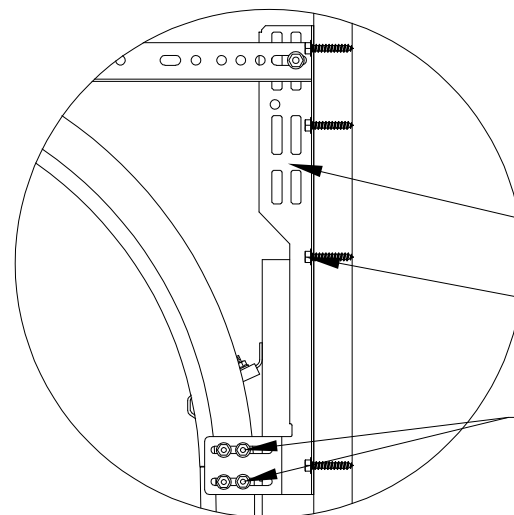
DETAIL K

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.



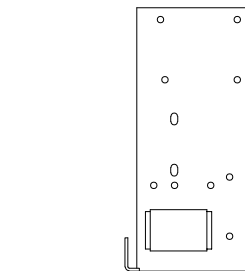
DETAIL H

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

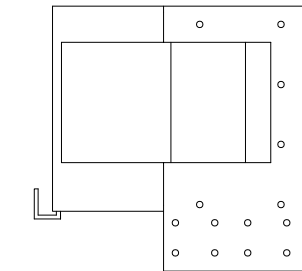
FLAG BRACKET

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)



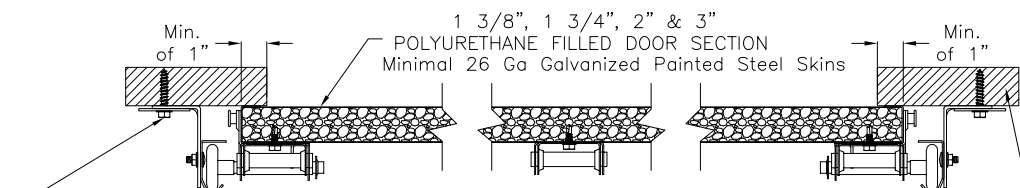
COMMERCIAL HEAVY DUTY For Standard, High & Vertical Lift With 3" Track and Double End Stiles



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.



IMPACT RESISTANT

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 jambs to the structure.

FL #16660.17



DESCRIPTION: 16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +37.4/-41.7 PSF

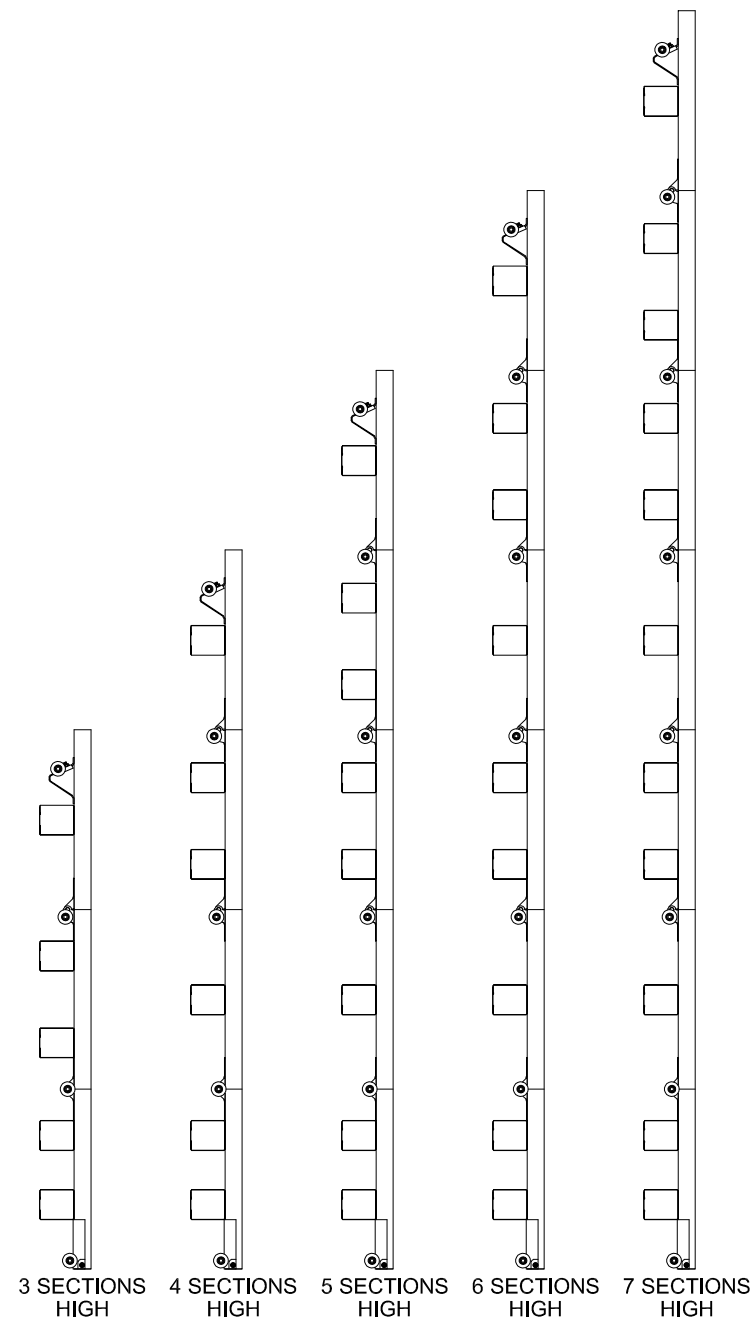
DRAWING NO.: WL-0600-0194-08-37-42 REV. K

DRAWN BY: MVS DATE DRAWN: 6/17/14 REV. DATE: 7/21/25

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

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



STRUT CONFIGURATION

MODEL NUMBERS

MODEL NUMBERS AVAILABLE
HT _14 & 2 _14 SERIES
HT _16 & 2 _16 SERIES
HT _32 & 2 _32 SERIES
HT _33 & 2 _33 SERIES
HT _10 & 2 _10SERIES
HT _12 & 2 _12 SERIES
HT _60 & 2 _60 SERIES
HT _61 & 2 _61 SERIES
HT _63 & 2 _63 SERIES
HT _64 & 2 _64 SERIES
HT _70 & 2 _70 SERIES
HT _71 & 2 _71 SERIES
HT _72 & 2 _72 SERIES
HT _73 & 2 _73 SERIES
HT _74 & 2 _74 SERIES
HT _80 & 2 _80 SERIES
HT _81 & 2 _81 SERIES
HT _82 & 2 _82 SERIES
HT _90 & 2 _90 SERIES
American Tradition 9000 SERIES

IMPACT RESISTANT

FL #16660.17

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

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



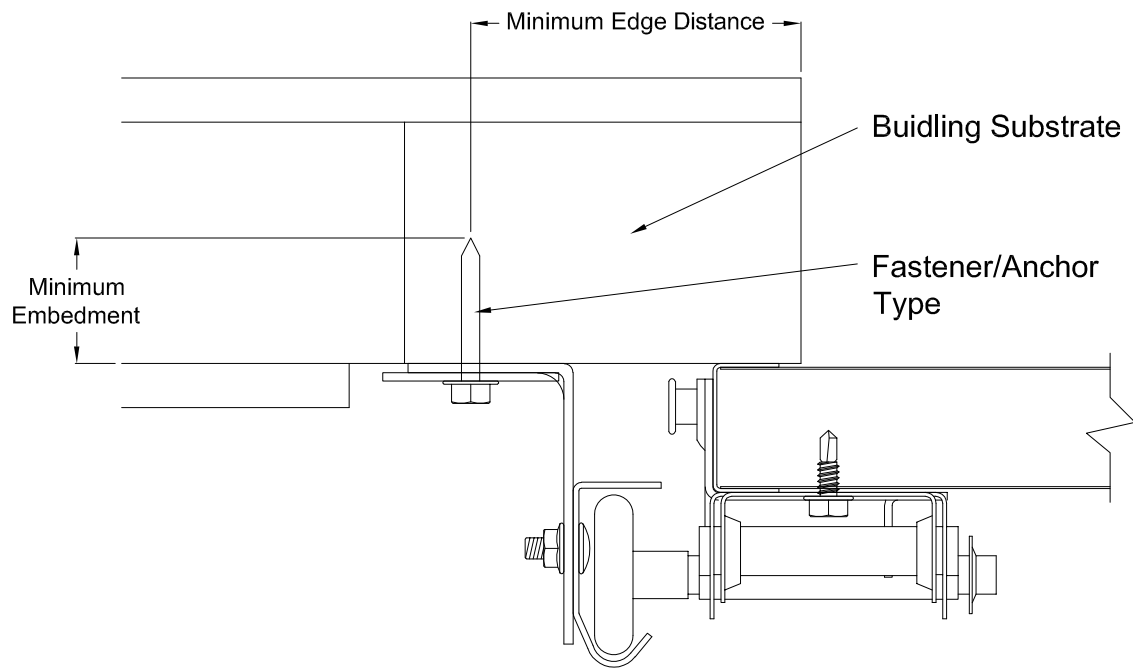
DESCRIPTION:
16' 2" HT 600, 700, 2000 , 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +37.4/-41.7 PSF

DRAWING NO.: WL-0600-0194-08-37-42	REV. K
---	---------------

DRAWN BY: MVS	DATE DRAWN: 6/17/14	REV. DATE: 7/21/25
----------------------	----------------------------	---------------------------

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

320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014



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 #16660.17



DESCRIPTION:
16' 2" HT 600, 700, 2000 , 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +37.4/-41.7 PSF

DRAWING NO.: WL-0600-0194-08-37-42	REV. K	
DRAWN BY: MVS	DATE DRAWN: 6/17/14	REV. DATE: 7/21/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4

320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014

John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.