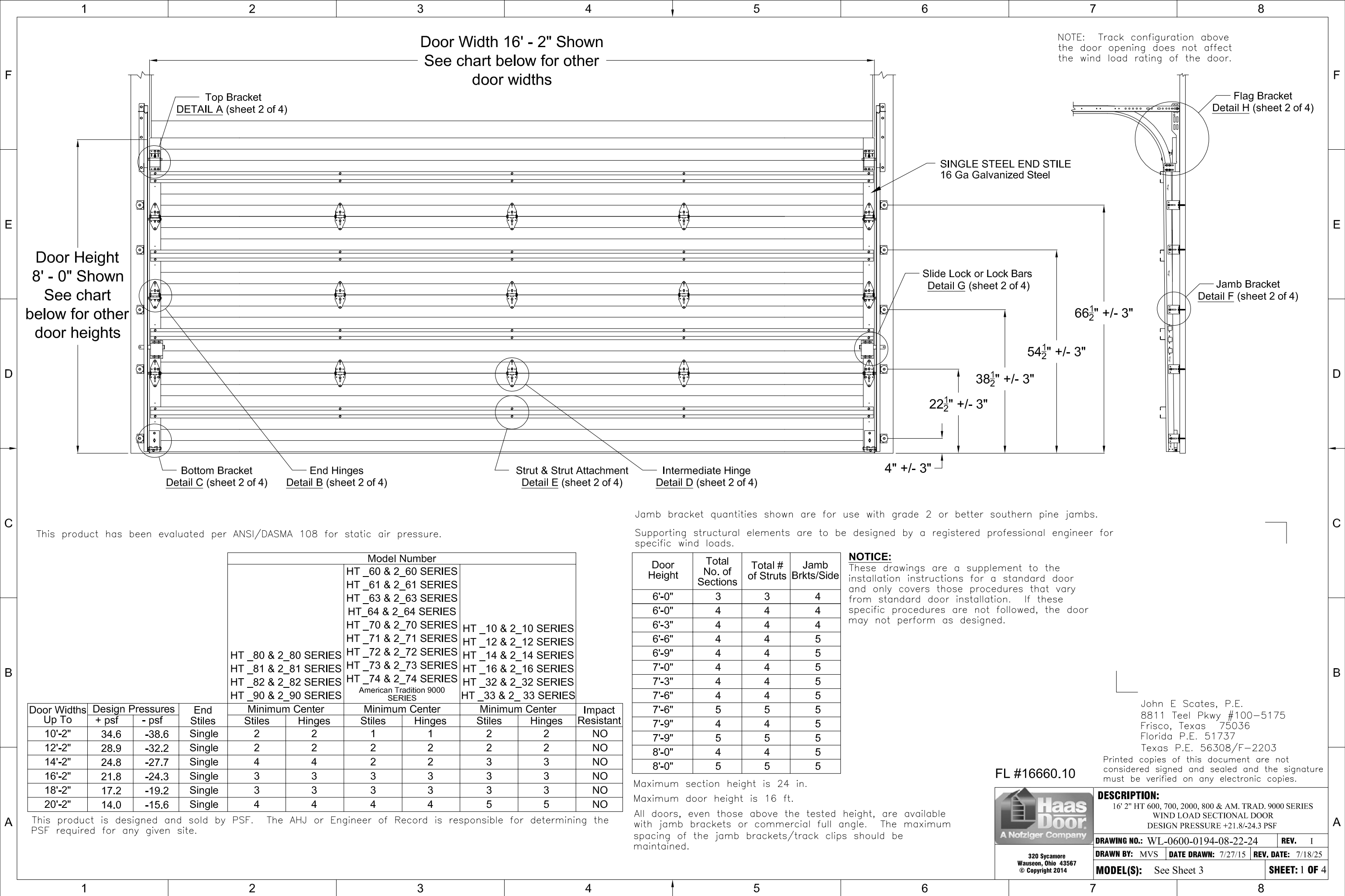
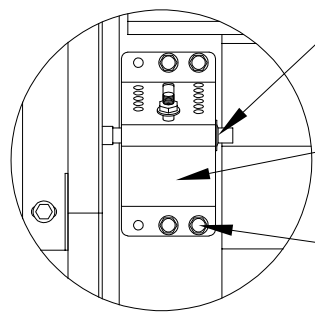




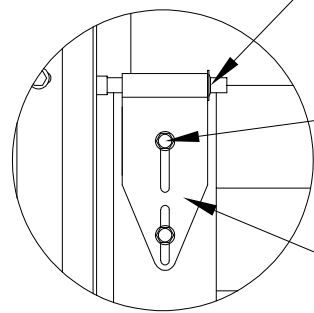


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

ADJUSTABLE TOP FIXTURE
12 Ga

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

DETAIL A

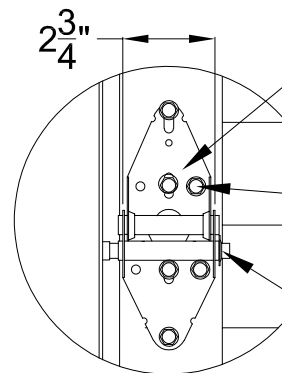


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

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

LOW HEADROOM TOP
BRACKET

**LOW HEADROOM
TOP BRACKET**

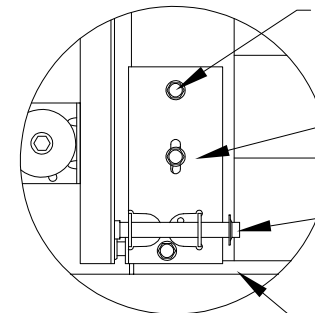


END HINGE
14 Ga Minimum Galvanized Steel

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



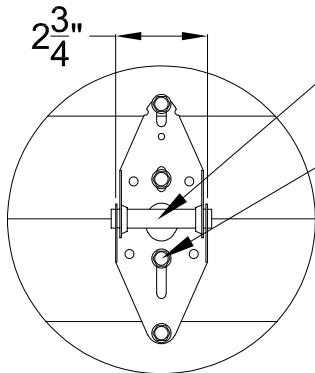
TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (3 per Bottom Bracket)

BOTTOM BRACKET
13 Ga Galvanized Steel

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

BOTTOM SEAL

DETAIL C

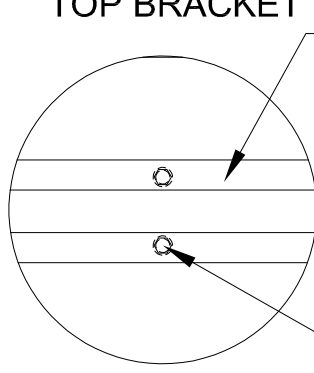


INTERMEDIATE HINGE
18 Ga Minimum Galvanized Steel

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

DETAIL D

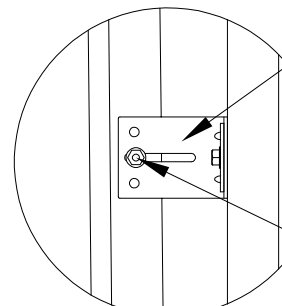
NOTE: The location of
the intermediate hinges
is indicated by the
toggle lock dimples at
the top of each section.



3 1/4" 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)

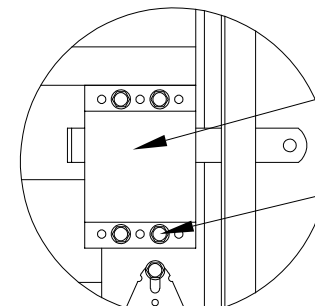
DETAIL E



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

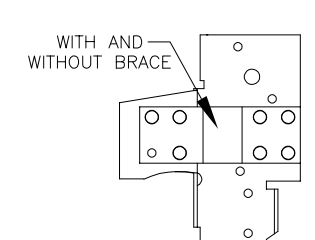


SLIDE LOCK or LOCK BARS

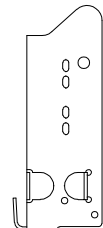
TEK SCREW
1/4" X 3/4" Hex Washer
Head Self Drilling (4 per
Slide Lock)

DETAIL G

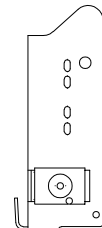
NOTE: Details on some views omitted for clarity.
Double end stiles and end hardware may be
provided on wider or heavier doors.



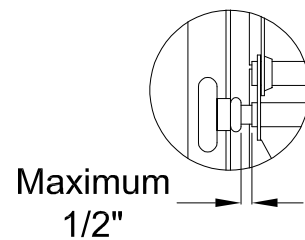
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles



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



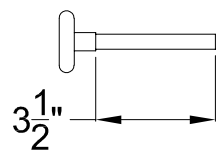
COMMERCIAL
For Standard, High
& Vertical Lift
With 3" Track and
Single End Stiles



Maximum
1/2"

DETAIL K

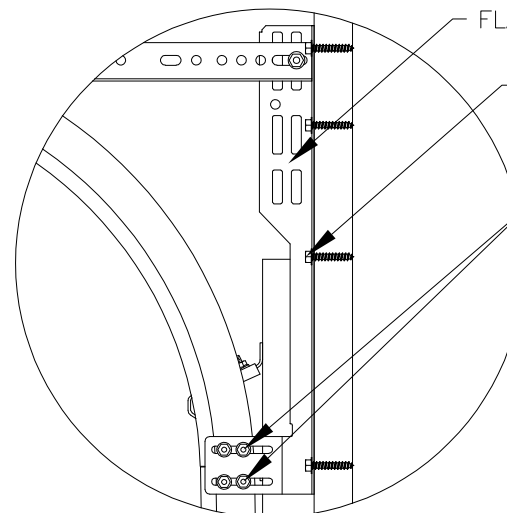
There should be a space of
maximum 1/2" between the
roller hub and the outside
edge of the roller holder
which is set by the push
nut.



3 1/2"

ROLLER

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

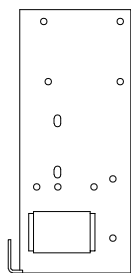


FLAG BRACKET

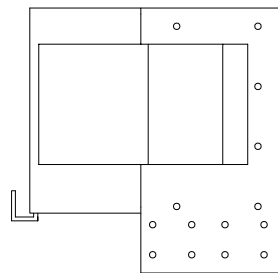
BOLT
5/16 X 1 5/8" Lag Bolt
(4 per Flag Bracket).

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



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.

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

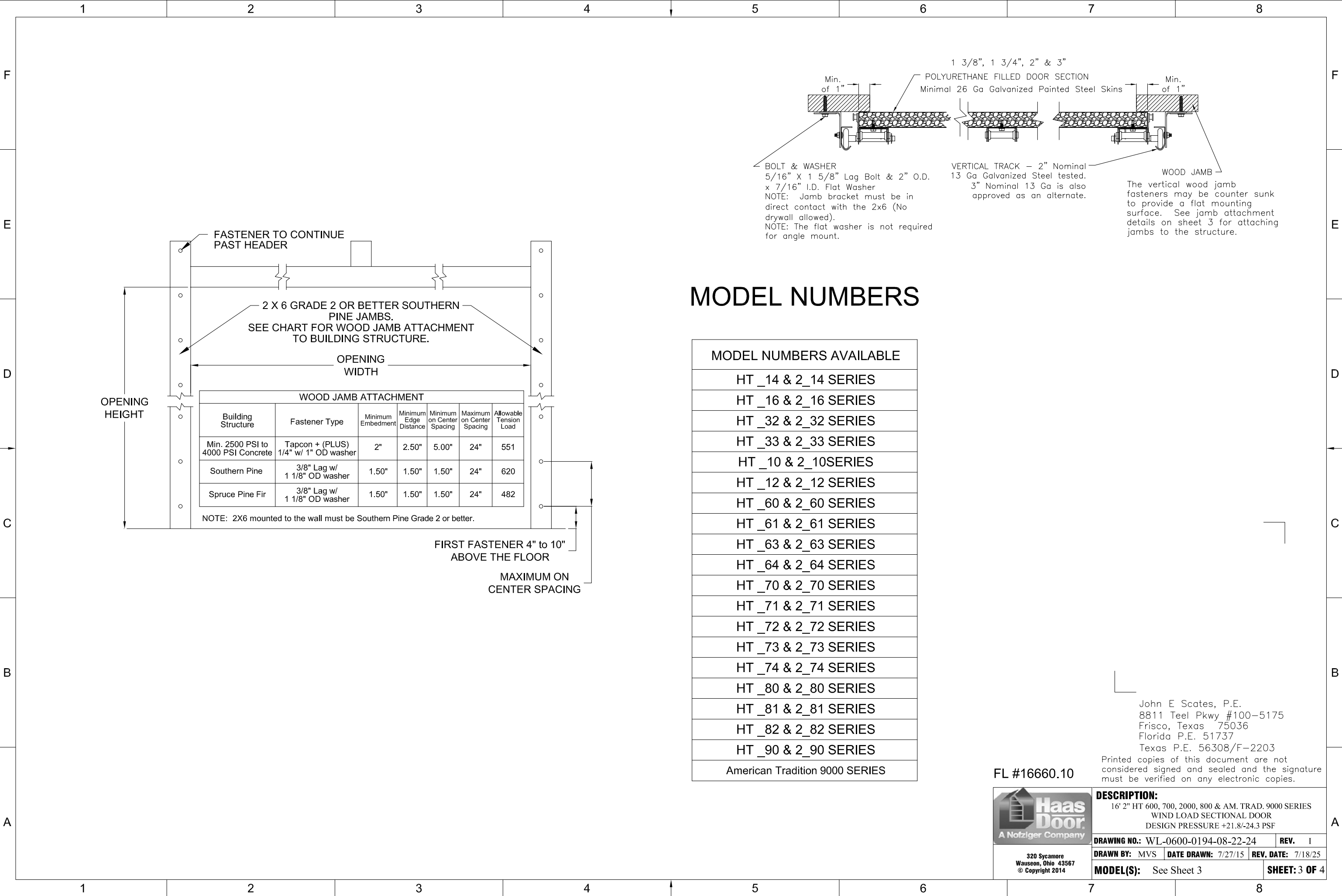
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FL #16660.10



320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION: 16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +21.8/-24.3 PSF			
DRAWING NO.: WL-0600-0194-08-22-24	REV. 1		
DRAWN BY: MVS	DATE DRAWN: 7/27/15	REV. DATE: 7/18/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4



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

FL #16660.10

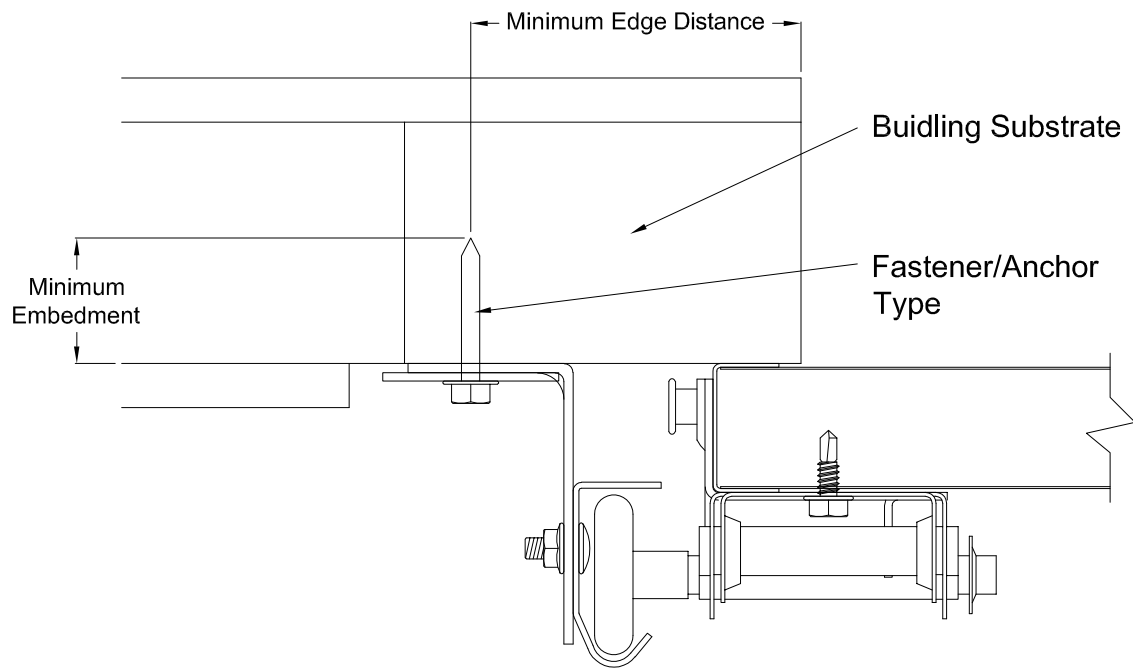


320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION:
16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +21.8/-24.3 PSF

DRAWING NO.: WL-0600-0194-08-22-24	REV. 1
DRAWN BY: MVS	DATE DRAWN: 7/27/15
MODEL(S): See Sheet 3	REV. DATE: 7/18/25
SHEET: 3 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.

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Florida P.E. 51737
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FL #16660.10



DESCRIPTION:
16' 2" HT 600, 700, 2000, 800 & AM. TRAD. 9000 SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +21.8/-24.3 PSF

DRAWING NO.: WL-0600-0194-08-22-24	REV. 1	
DRAWN BY: MVS	DATE DRAWN: 7/27/15	REV. DATE: 7/18/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4