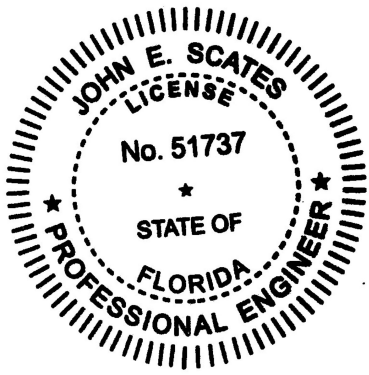
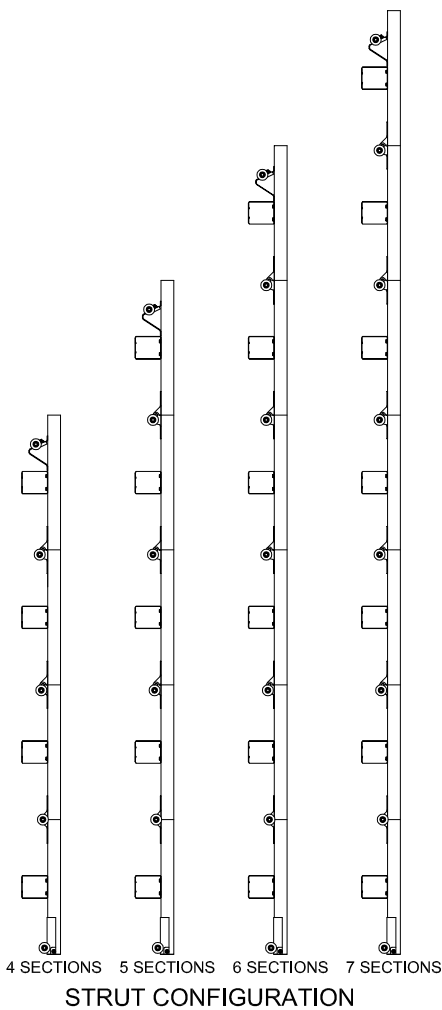




MODEL NUMBERS AVAILABLE
HT 5 _10 SERIES
HT 5 _12 SERIES
HT 5 _14 SERIES
HT 5 _16 SERIES
HT 5 _70 SERIES
HT5 _80 SERIES

REV IS I O N S				
REV.	ZONE	BY	DESCRIPTION	DATE
B		MVS	SEE DRAWING LOG SHEET FOR CHANGES	8/9/16
C		MVS	SEE DRAWING LOG SHEET FOR CHANGES	9/11/17
D		MVS	SEE DRAWING LOG SHEET FOR CHANGES	7/23/19
E		MVS	SEE DRAWING LOG SHEET FOR CHANGES	8/25/20
F		MVS	SEE DRAWING LOG SHEET FOR CHANGES	10/7/21
G		MVS	SEE DRAWING LOG SHEET FOR CHANGES	8/24/23
H		MVS	SEE DRAWING LOG SHEET FOR CHANGES	1/20/25



IMPACT RESISTANT

FL #17430.5



DESCRIPTION:
16' 2" HT 5000 ALUMINUM SERIES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WL-5000-0194-08-48-52HVHZ		REV. H
DRAWN BY: MVS	DATE DRAWN: 2/6/15	REV. DATE: 1/20/25
MODEL(S): See Sheet 3		SHEET: 3 OF 4

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REVISIONS

REV.	ZONE	BY	DESCRIPTION	DATE
B		MVS	SEE DRAWING LOG SHEET FOR CHANGES	8/9/16
C		MVS	SEE DRAWING LOG SHEET FOR CHANGES	9/11/17
D		MVS	SEE DRAWING LOG SHEET FOR CHANGES	7/23/19
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G		MVS	SEE DRAWING LOG SHEET FOR CHANGES	8/24/23
H		MVS	SEE DRAWING LOG SHEET FOR CHANGES	1/20/25

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 Minimum	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			

Minimum Edge Distance

Buidling Substrate

Fastener/Anchor Type

Minimum Embedment

Direct Mounting Detail

Bracket Mount Shown, Reverse and Continuous Angle Mount, Reverse and Continuous Angle Clip Mount Also Approved As Alternate.

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 #17430.5

Haas Door

A Notzlinger Company

320 Sycamore

Wauseon, Ohio 43567

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DESCRIPTION:

16' 2" HT 5000 ALUMINUM SERIES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +48.0/-52.0 PSF

DRAWING NO.: WL-5000-0194-08-48-52HVVHZ

REV. H

DRAWN BY: MVS

DATE DRAWN: 2/6/15

REV. DATE: 1/20/25

MODEL(S): See Sheet 3

SHEET: 4 OF 4

JOHN E. SCATES

LICENSE

No. 51737

★

STATE OF

FLORIDA

PROFESSIONAL ENGINEER ★

John E Scates, P.E.

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Frisco, Texas 75036

Florida P.E. # 51737

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