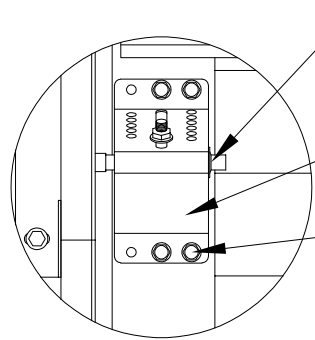


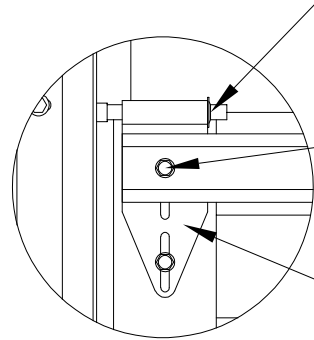


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

ADJUSTABLE TOP FIXTURE
12 Ga

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

DETAIL A

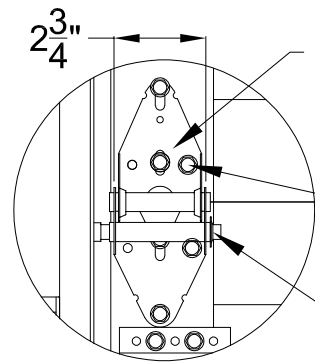


PUSH NUT
7/16"
See DETAIL K for push nut
placement.

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

LOW HEADROOM TOP
BRACKET

**LOW HEADROOM
TOP BRACKET**

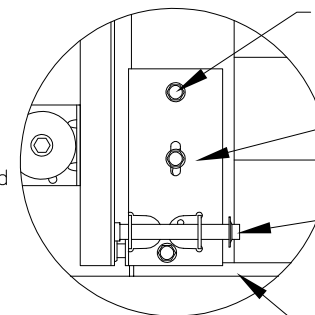


END HINGE
14 Ga Minimum Galvanized Steel

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



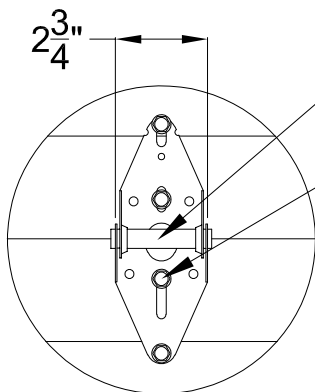
TEK SCREW
1/4" X 3/4" Hex Washer Head
Self Drilling (3 per Bottom Bracket)

BOTTOM BRACKET
13 Ga Galvanized Steel

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

BOTTOM SEAL

DETAIL C

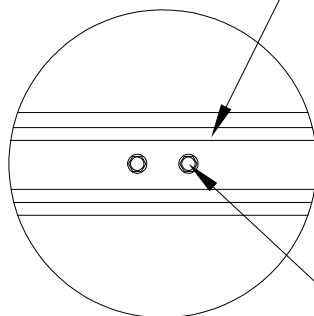


INTERMEDIATE HINGE
18 Ga Minimum Galvanized Steel

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

DETAIL D

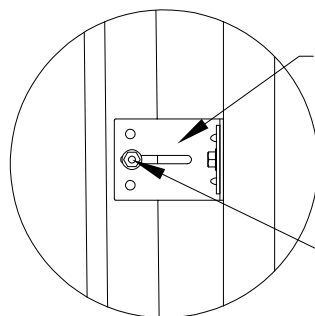
NOTE: The location of the
intermediate hinges is
indicated by the toggle
lock dimples at the top of
each section.



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

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

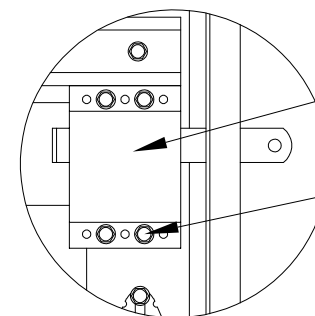
DETAIL E



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)

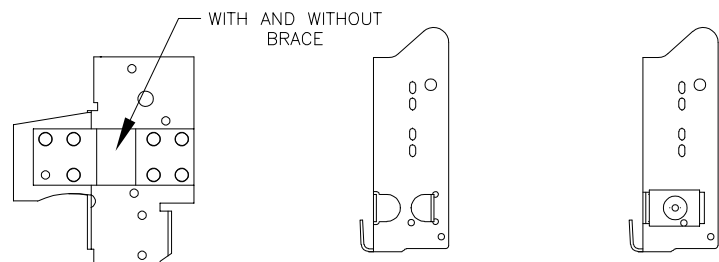
DETAIL F



SLIDE LOCK or LOCK BARS

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

DETAIL G



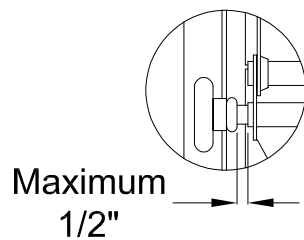
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles

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

ALTERNATE BOTTOM BRACKETS

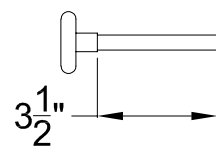
NOTE: The bottom bracket tested (shown in DETAIL C) is the lightest bracket available.



Maximum
1/2"

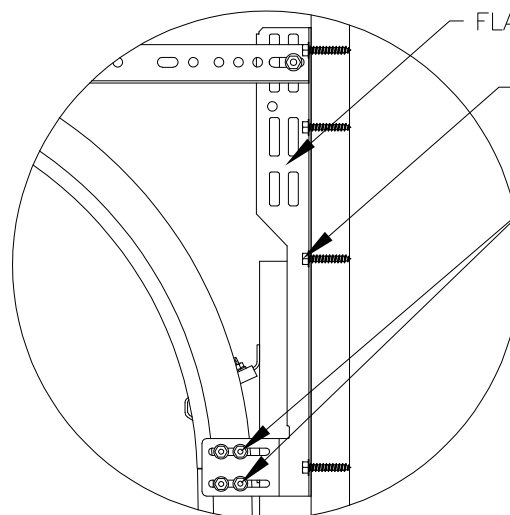
DETAIL K

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.



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

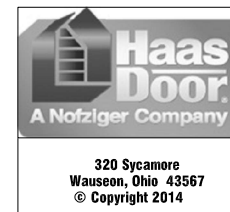
IMPACT RESISTANT

FL #16660.5

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:			
9' 2" HT 600, 700 & 2000 SERIES W/IMPACT RESISTANT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +41.1/-46.4 PSF			
DRAWING NO.: WL-0600-0110-08-41-46L	REV. N		
DRAWN BY: MVS	DATE DRAWN: 8/6/14	REV. DATE: 7/18/25	
MODEL(S): See Sheet 3			SHEET: 2 OF 4





NOTE: ALL LITES CONSIST OF INSIDE AND OUTSIDE ALUMINUM FRAMES AND A POLYCARBONATE INSERT WITH MACHINED GROOVES.

NOTE: IMPACT LITES NOT AVAILABLE IN 800 SERIES DOORS.

* STANDARD LITES ARE ONLY AVAILABLE AT +40.0/-45.0 DESIGN PRESSURES.

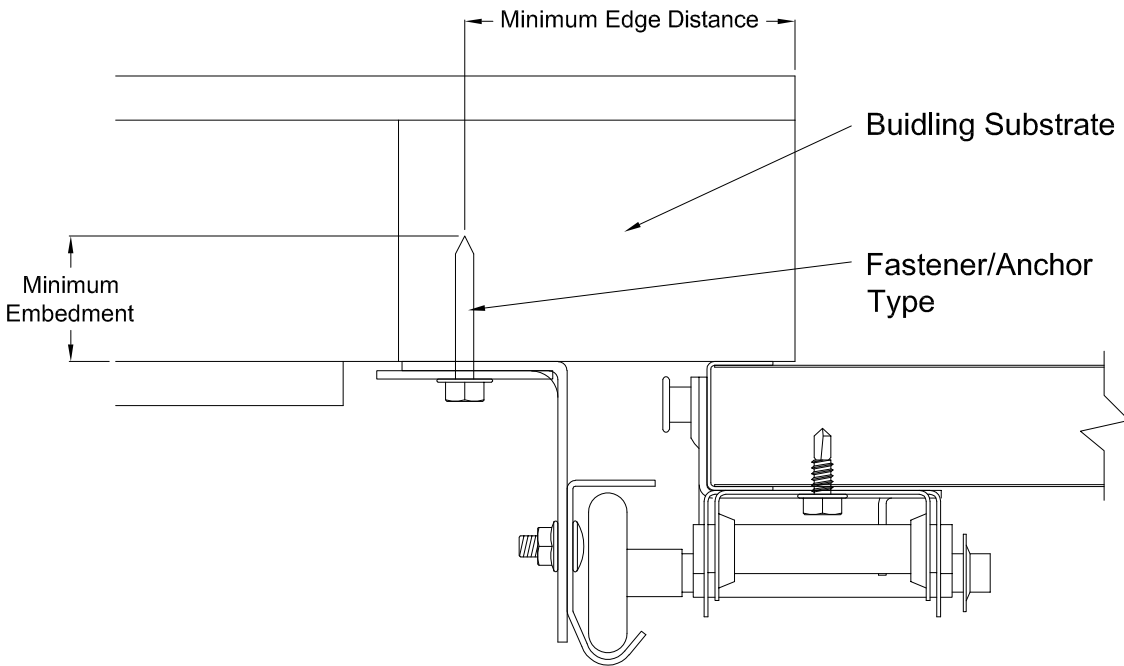
IMPACT RESISTANT

FL #16660.5

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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	DRAWING NO.: WL-0600-0110-08-41-46L		REV. N
	DRAWN BY: MVS	DATE DRAWN: 8/6/14	REV. DATE: 7/18/25
	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 #16660.5



320 Sycamore
Wauseon, Ohio 43567
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DESCRIPTION:
9' 2" HT 600, 700 & 2000 SERIES W/IMPACT RESISTANT LITES
WIND LOAD SECTIONAL DOOR
DESIGN PRESSURE +41.1/-46.4 PSF

DRAWING NO.: WL-0600-0110-08-41-46L	REV. N	
DRAWN BY: MVS	DATE DRAWN: 8/6/14	REV. DATE: 7/18/25
MODEL(S): See Sheet 3		SHEET: 4 OF 4

John E. Scates, P.E.
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