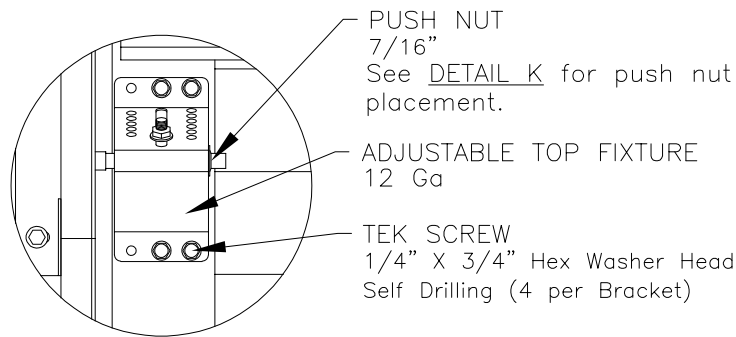
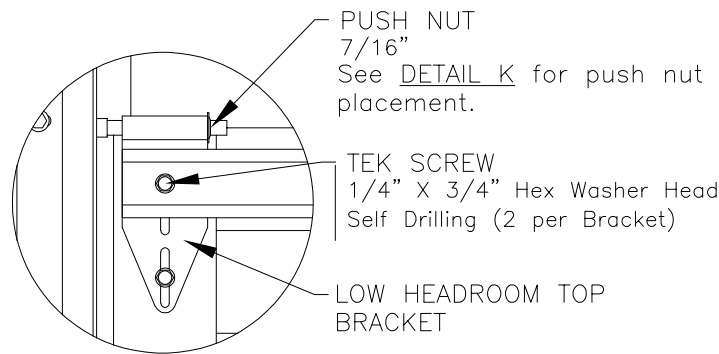
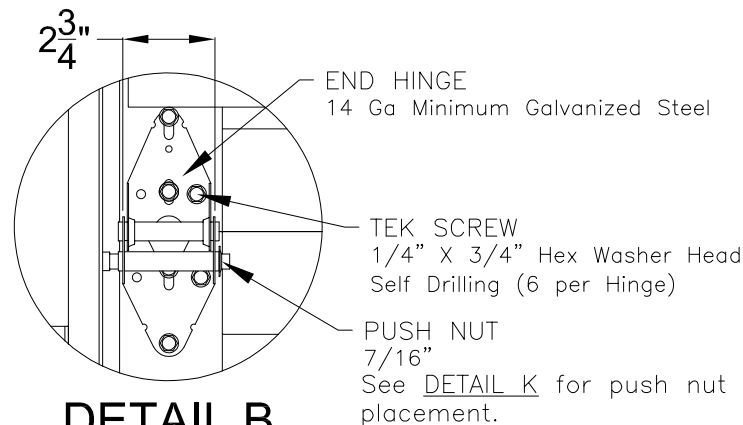




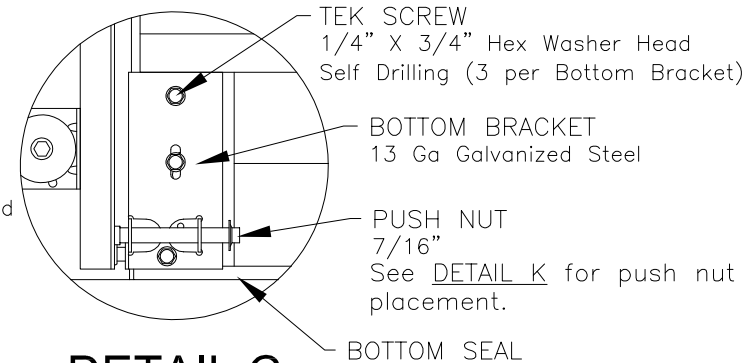
DETAIL A



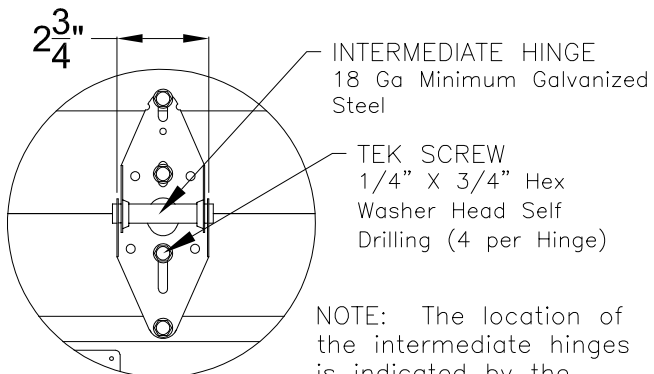
LOW HEADROOM
TOP BRACKET



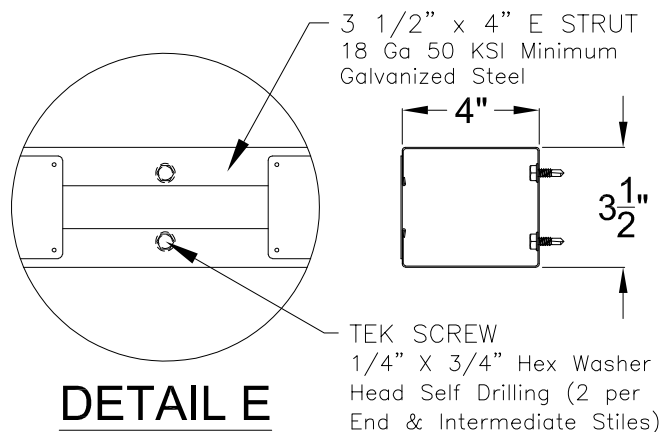
DETAIL B



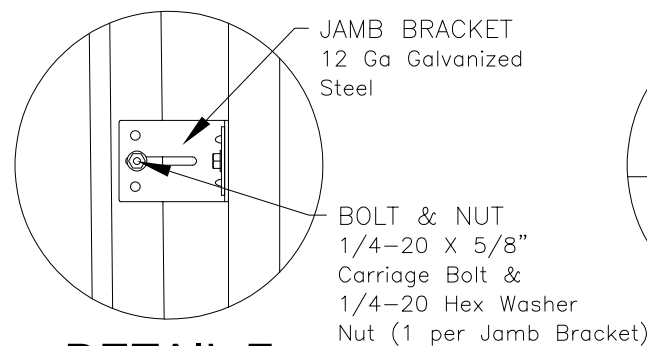
DETAIL C



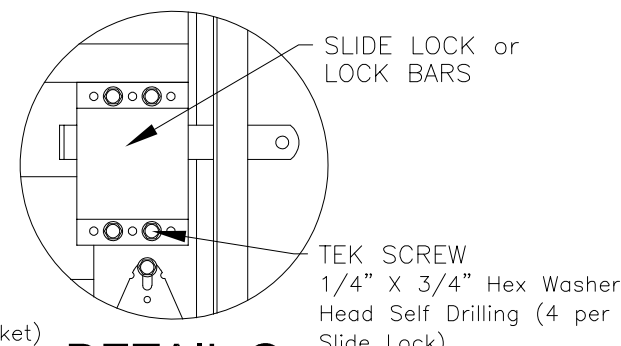
DETAIL D



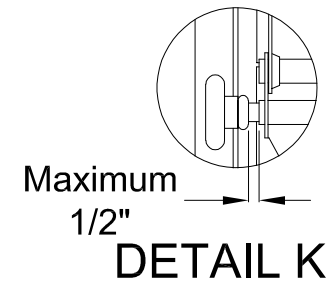
DETAIL E



DETAIL F

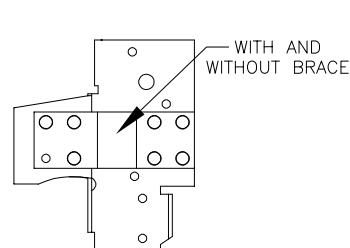


DETAIL G

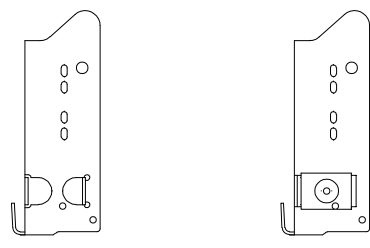


Maximum
1/2"
DETAIL K

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.



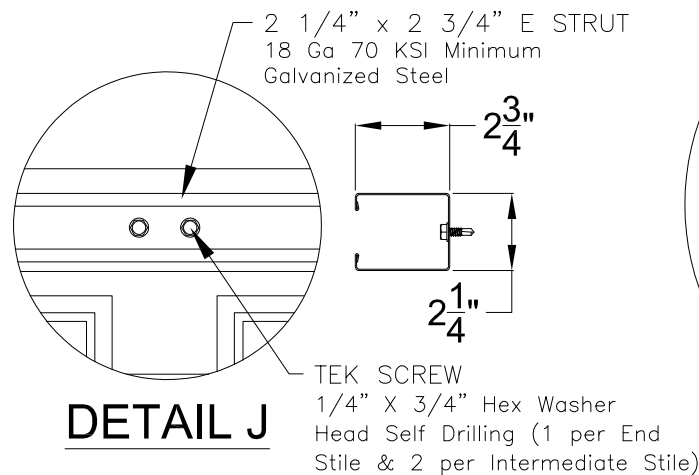
RESIDENTIAL & LIGHT
COMMERCIAL
For Low Headroom
With 2" Track and
Single End Stiles



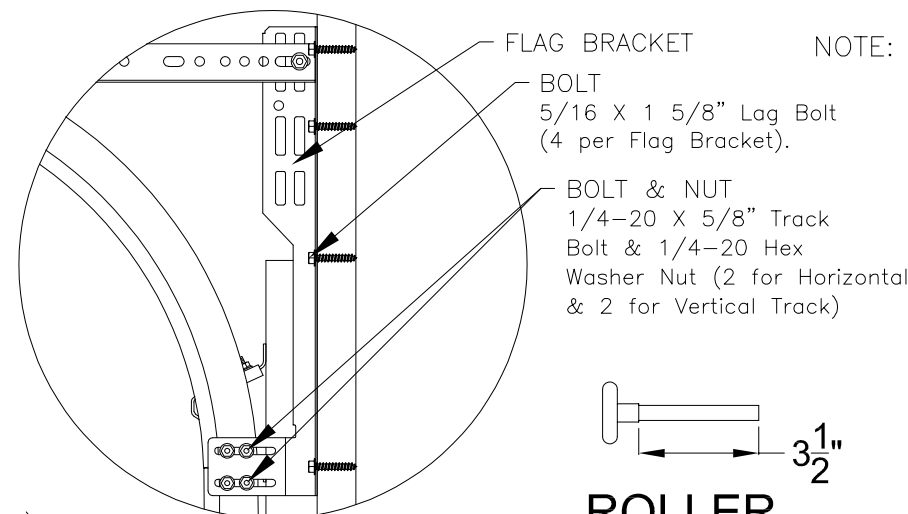
COMMERCIAL
For Standard, High
& Vertical Lift
With 2" Track and
Single End Stiles



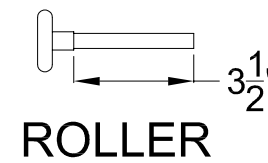
COMMERCIAL
For Standard, High
& Vertical Lift
With 3" Track and
Single End Stiles



DETAIL J



DETAIL H

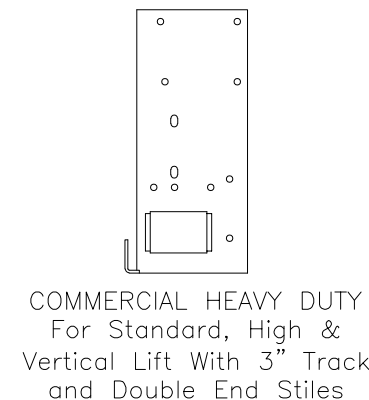


ROLLER

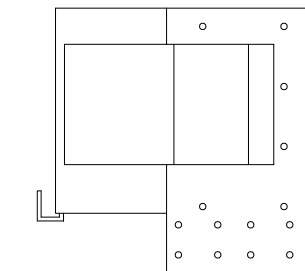
2" Diameter Nominal Eleven
Ball Nylon or Ten Ball Steel
with a Minimum Workable
Shaft Length Shown.

IMPACT RESISTANT

FL #16660.16



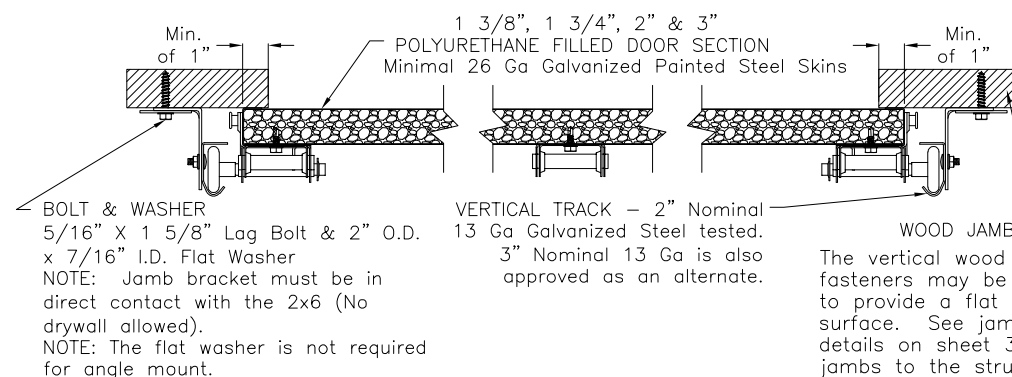
COMMERCIAL HEAVY DUTY
For Standard, High &
Vertical Lift With 3" Track
and Double End Stiles



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.

NOTE: Details on some views omitted for clarity.

Double end stiles and end hardware may be provided on wider or heavier doors.

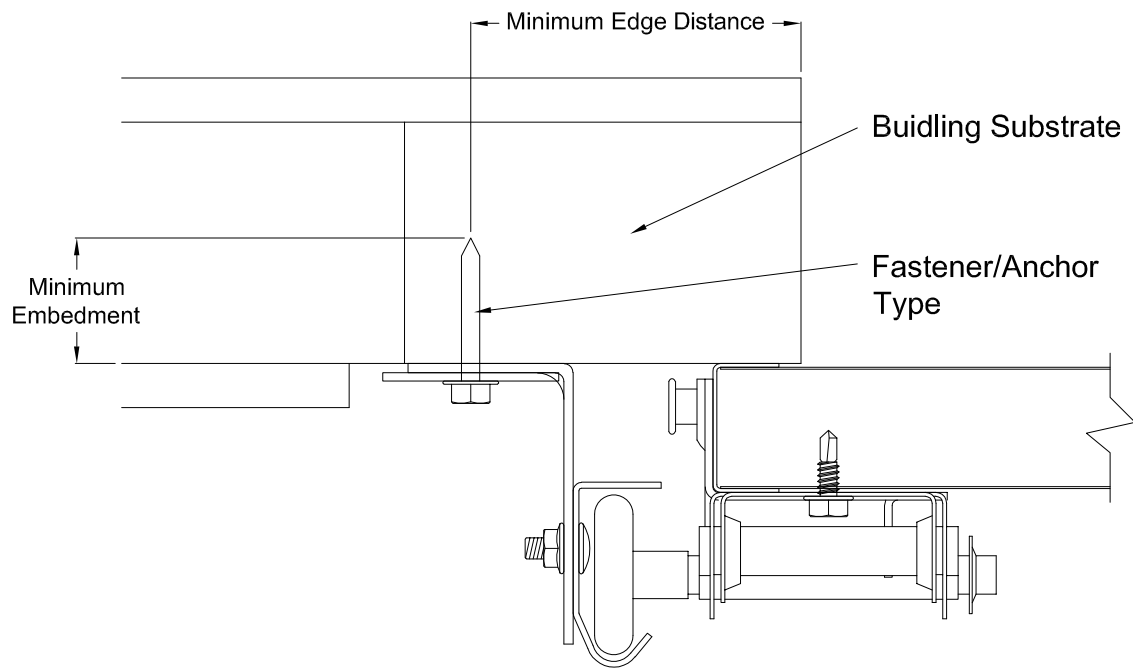
John E. Scates, P.E.
8811 Teel Pkwy #100-5175
Frisco, Texas 75036
Florida P.E. 51737
Texas P.E. 56308/F-2203

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



320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014

DESCRIPTION:			
16' 2" HT 600, 700, 2000 & A.M. TRAD. 9000 SERIES W/IMPACT RESISTANT LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +31.3/-34.9 PSF			
DRAWING NO.:	WL-0600-0194-08-31-35L	REV.	P
DRAWN BY:	MVS	DATE DRAWN:	8/7/14
MODEL(S):	See Sheet 3	REV. DATE:	11/26/25
SHEET: 2 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 #16660.16



320 Sycamore
Wauseon, Ohio 43567
© Copyright 2014

DESCRIPTION:
16' 2" HT 600, 700, 2000 & A.M. TRAD. 9000 SERIES W/IMPACT RESISTANT LITES & 800 SERIES WITHOUT LITES WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +31.3/-34.9 PSF

DRAWING NO.: WL-0600-0194-08-31-35L	REV. P	
DRAWN BY: MVS	DATE DRAWN: 8/7/14	REV. DATE: 11/26/25
MODEL(S): See Sheet 3		SHEET: 4 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.