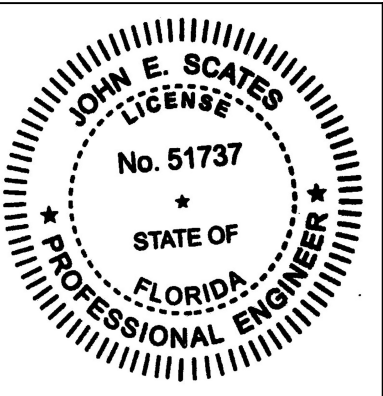


- NOTES:
- GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .125 DSB TEMPERED GLASS ALLOWED
 - TALLEST LITES: MIN DSB GLASS
 - CLEAR OPENING SIZE: MAX WD=49"; MAX HT=19"
 - (16) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZING SECTION ALLOWED IN TOP SECTION.
 - NOT IMPACT RESISTANT
 - GLAZED LITE OPTIONS IN ALUMINUM FRAMES:
 - .25 POLYCARBONATE
 - TALLEST LITES: MIN .25 POLYCARBONATE
 - CLEAR OPENING SIZE: MAX WD=34"; MAX HT=9"
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZING SECTION ALLOWED IN TOP SECTION.
 - IMPACT RESISTANT
 - VINYL OR WOOD DOOR STOP SECURED WITH 6D NAILS A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
 - SLIDE LOCKS, OR LOCK BAR LOCK REQUIRED.
 - FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
 - A 4-1/2" x 6" x 21 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
 - THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
 - DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
 - COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018 AND 2021.
 - PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
9'-0"	ALL	+176.4/-196.6
10'-0"	ALL	+196.0/-218.5

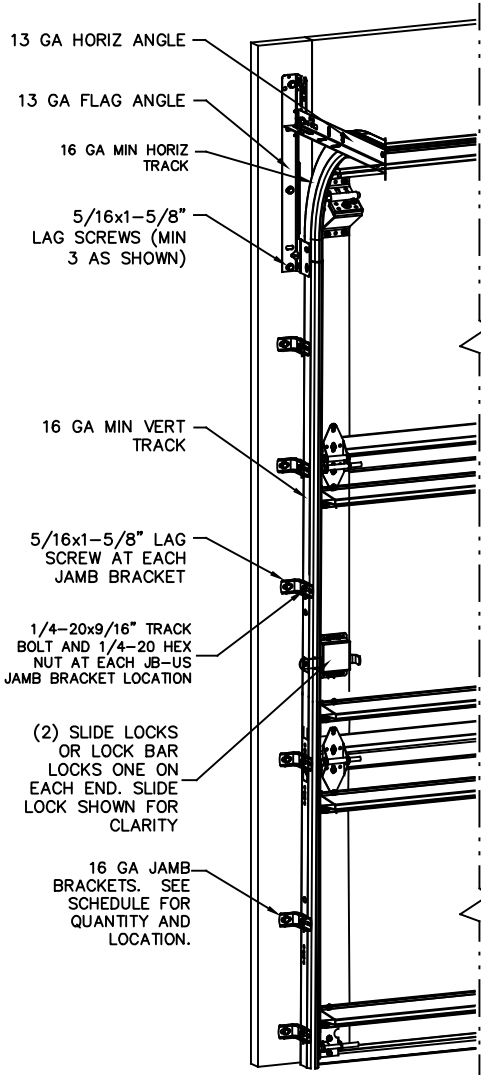


NOTE:
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

Digitally signed by John E Scates
Date: 2025.05.15 14:18:18 -05'00'

JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036
FL PE 51737
TX PE 56308 / F2203
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



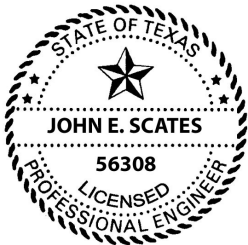
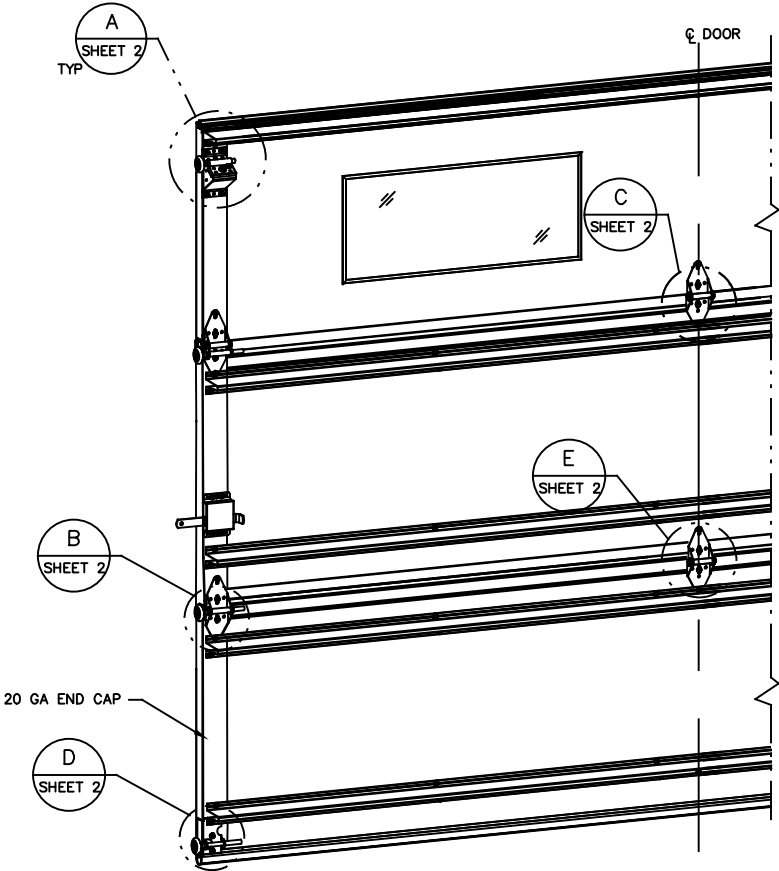
JAMB BRACKET SCHEDULE				
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	FAT	2" (JB), 10" (JB), 26" (JB), 42" (JB), 53" (JB), 63" (JB)
8'-0"	4	8	FAT	2" (JB), 10" (JB), 26" (JB), 39" (JB), 48" (JB), 57" (JB), 66" (JB), 75" (JB)
> 8'-0"				SEE NOTE BELOW

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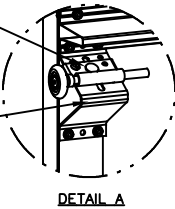
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TEST (PSF):	+58.8/-65.6	MAX HEIGHT:	14'-0"		DRAWN	1/6/25	AR
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 28"		CHECKED			
MODELS 8670/8310					SHEET 1 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0553					DRAWING PART NO.		REV.
					412631		A

REVISIONS			
ER	REV	DESCRIPTION	DATE
WL022	-	INITIAL RELEASE	2/14/25
WL022	A	UPDATED WINDOW SIZING	5/9/25



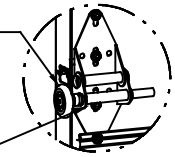
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

12 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS



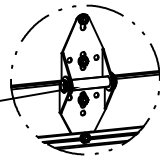
DETAIL A

2" STEEL ROLLER WITH 5-1/4" STEM
OPTIONAL NYLON, 10/11-BALL BEARING ROLLER AVAILABLE.



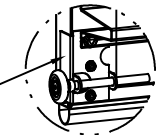
DETAIL B

13 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS



DETAIL C

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS

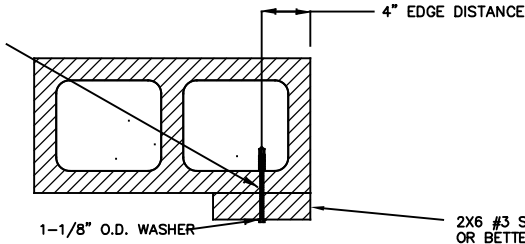


DETAIL D

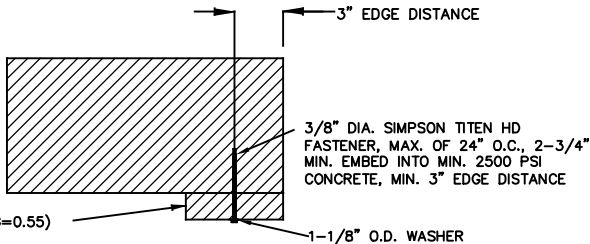
14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 18" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



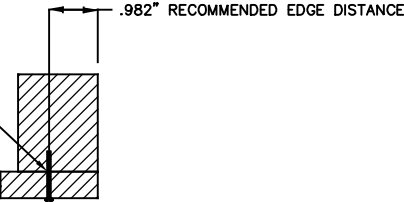
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



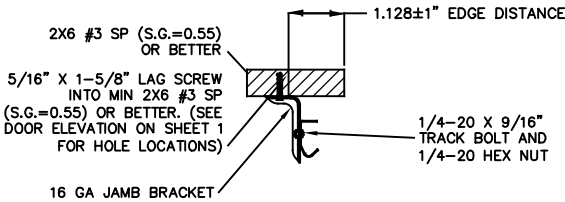
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL

3/8" X 3" LAG SCREW, WITH 1-1/8" WASHER, MAX. OF 24" O.C., MIN. 2-3/4" EDGE DISTANCE

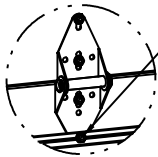
2X6 #3 SP (S.G.=0.55) OR BETTER



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE



MOUNTING TO WOOD JAMB DETAIL

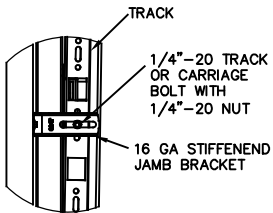


DETAIL E

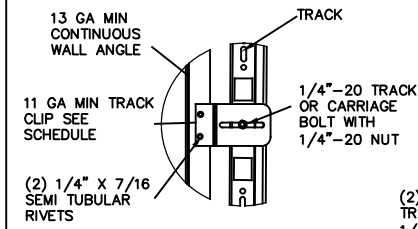
STRUT ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH INTERMEDIATE HINGE FOR EACH STRUT

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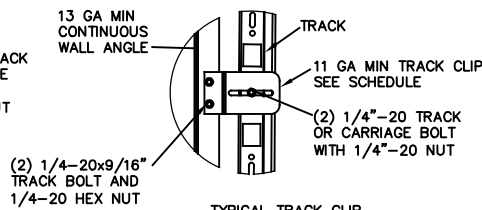
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DESIGN (PSF):	+39.2/-43.7	MAX WIDTH:	10'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+58.8/-65.6	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 28"	CHECKED				
MODELS 8670/8310					SHEET 2 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0553					DRAWING PART NO.	REV.	
					412631	A	



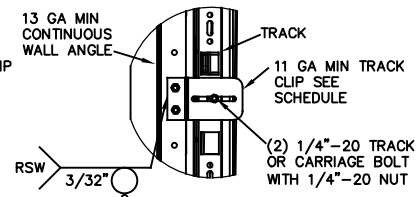
TYPICAL TRACK AND JAMB FASTENERS DETAIL



TYPICAL TRACK CLIP RIVETING DETAIL



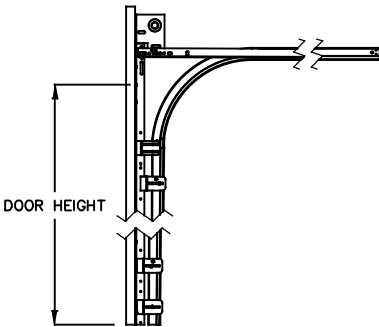
TYPICAL TRACK CLIP BOLTING DETAIL



TYPICAL TRACK CLIP SPOT WELDING DETAIL

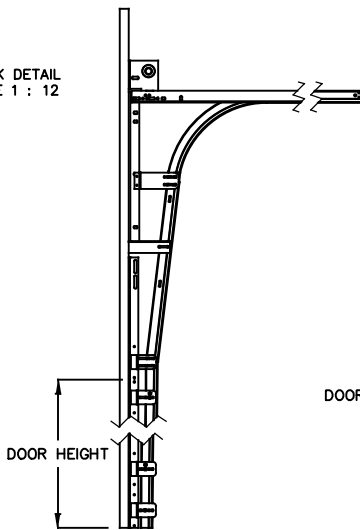
DETAIL M
SCALE 1 : 4

OPTIONAL WALL ANGLE TRACK

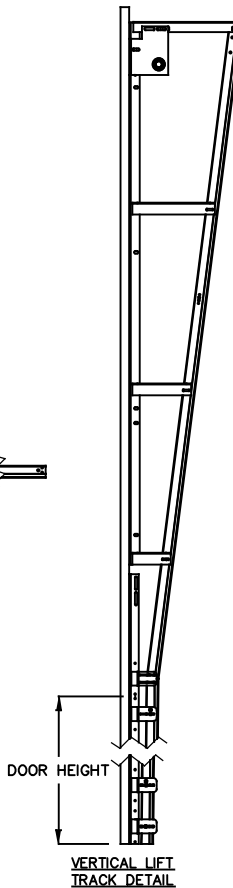


STANDARD LIFT TRACK DETAIL

TRACK DETAIL
SCALE 1 : 12



HIGH LIFT TRACK DETAIL



VERTICAL LIFT TRACK DETAIL

ATTACH U-BAR WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW AT EACH HOLE LOCATION. THERE SHALL BE A TOTAL OF (18) SCREWS PER U-BAR.



NOTE: U-BARS LOCATED AT THE TOP OF THE SECTION SHALL BE PLACED ON TOP OF THE BOTTOM HINGE LEAFS AS SHOWN (NOT APPLICABLE TO TOP SECTION) (SEE DETAIL E)

U-BAR LOCATIONS

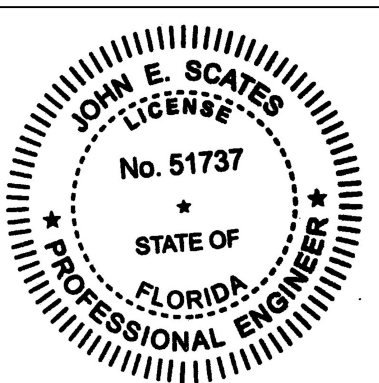
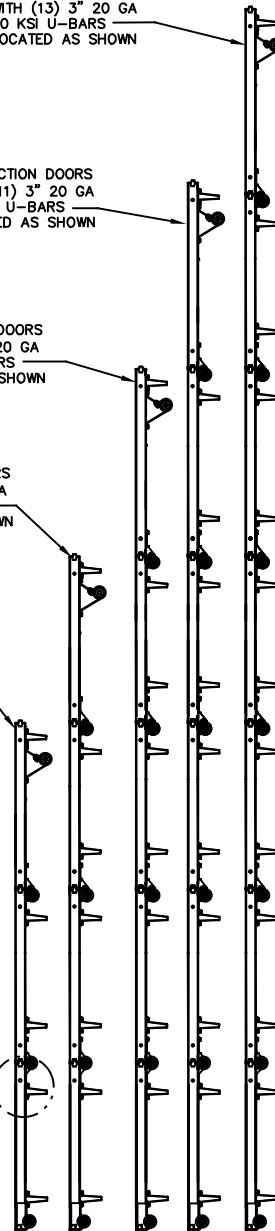
(7) SECTION DOORS WITH (13) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(6) SECTION DOORS WITH (11) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH (9) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(4) SECTION DOORS WITH (7) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(3) SECTION DOORS WITH (5) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

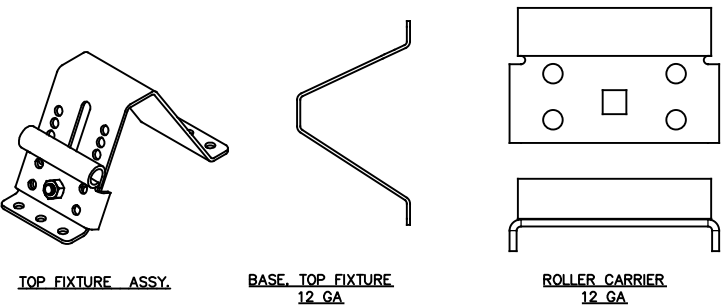


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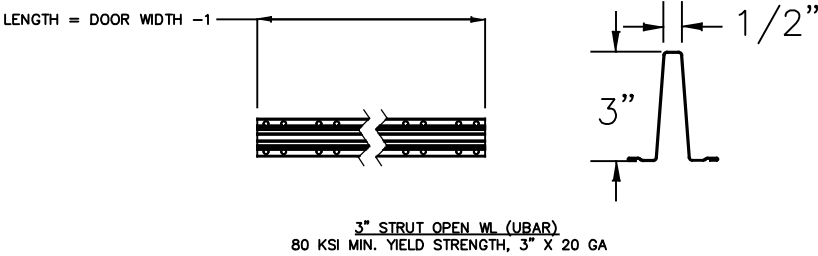
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+39.2/-43.7	MAX WIDTH:	10'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+58.8/-65.6	MAX HEIGHT:	14'-0"	DRAWN			
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 8670/8310				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0553				DRAWING PART NO.		REV.	
				412631		A	

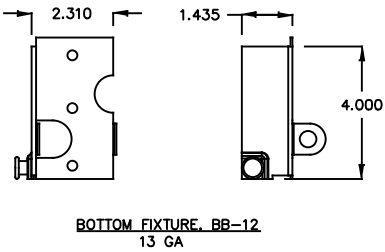
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



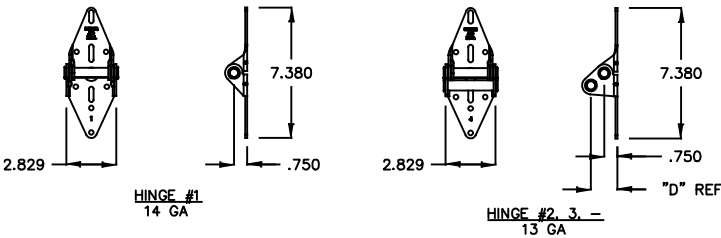
TOP FIXTURE DETAILS



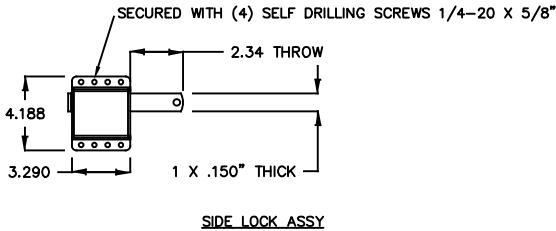
STRUT DETAILS



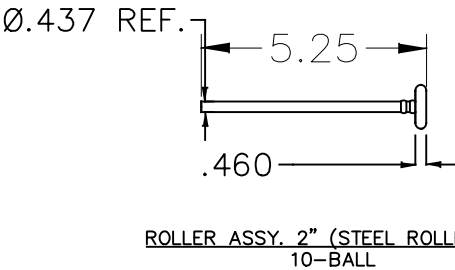
BOTTOM FIXTURE DETAILS



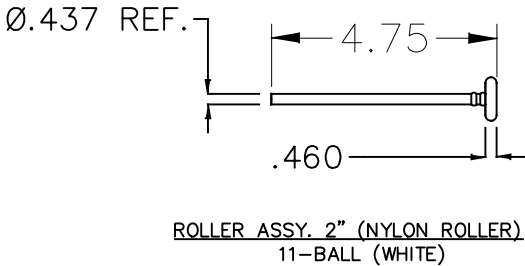
HINGE DETAILS



LOCK DETAILS

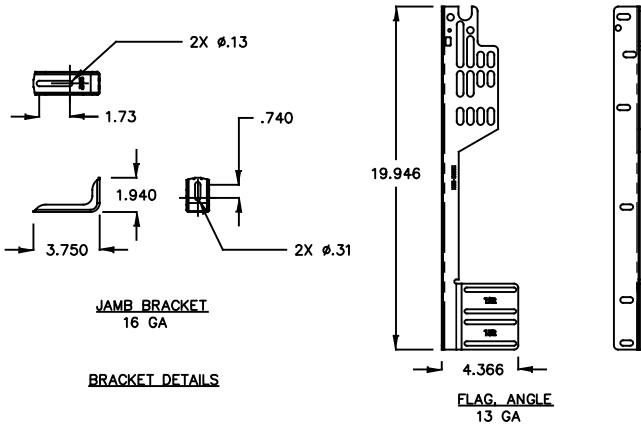


ROLLER ASSY. 2" (STEEL ROLLER)
10-BALL



ROLLER ASSY. 2" (NYLON ROLLER)
11-BALL (WHITE)

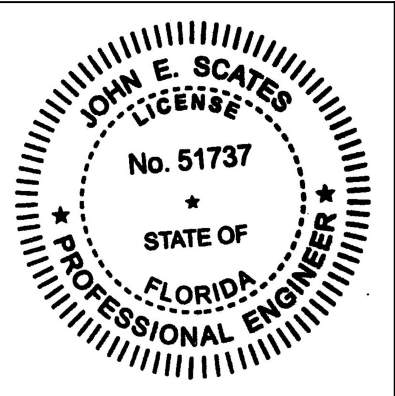
ROLLER STEM ASSY DETAILS



JAMB BRACKET
16 GA

BRACKET DETAILS

FLAG ANGLE
13 GA



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DESIGN (PSF):	+39.2/-43.7	MAX WIDTH:	10'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+58.8/-65.6	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	CHECKED	
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 28"					
MODELS 8670/8310					SHEET 4 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0553					DRAWING PART NO. 412631		REV. A