

NOTES:

1. EPS 2026V SHOWN, (ANY STAMP ALLOWED), OR EPS 2026HD MAY BE SUBSTITUTED.
2. STRUTS ATTACHED WITH 2 SELF DRILLING 1/4"-20 X 3/4" SCREWS AT EACH STILE LOCATION AND BETWEEN EACH CENTER HINGE LOCATION.
3. 4 SECTION HIGH DOOR SHOWN (7FT) ,TALLER DOOR CONFIGURATIONS MAY BE CONSTRUCTED UP TO A MAXIMUM OF 14FT HIGH, USING SAME PANEL CONSTRUCTION AS SHOWN (MAXIMUM SECTION HEIGHT OF 21").
4. MINIMUM STEEL THICKNESS FOR SECTION IS 26 GA. (.0165").
5. SECTIONS EMBOSSED 14.00"x20.375" ,16" X20.375", 14"x41", 16"x40" OR SECTIONS WITHOUT EMBOSSEMENT MAY ALSO BE USED. (LOCATION AND QUANTITY OF CENTER STILES MUST BE THE SAME).
6. TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
7. LOCK MUST BE ATTACHED AT EACH SIDE OF THE DOOR. CAM & BAR LOCKS OR AN OPENER MAY BE SUBSTITUTED.
8. WOOD MOUNT SHOWN, STEEL AND MASONRY ANGLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
9. JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL-0001
10. THIS DOOR HAS NOT BEEN TESTED FOR WIND-BORNE DEBRIS.
11. USE THIS DRAWING IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

Strut Requirements

# sections	# Struts	
	2-1/4"	3"
4	1	3
5	1	4
6	1	5
7	1	6
8	1	7

Track Bracket Locations

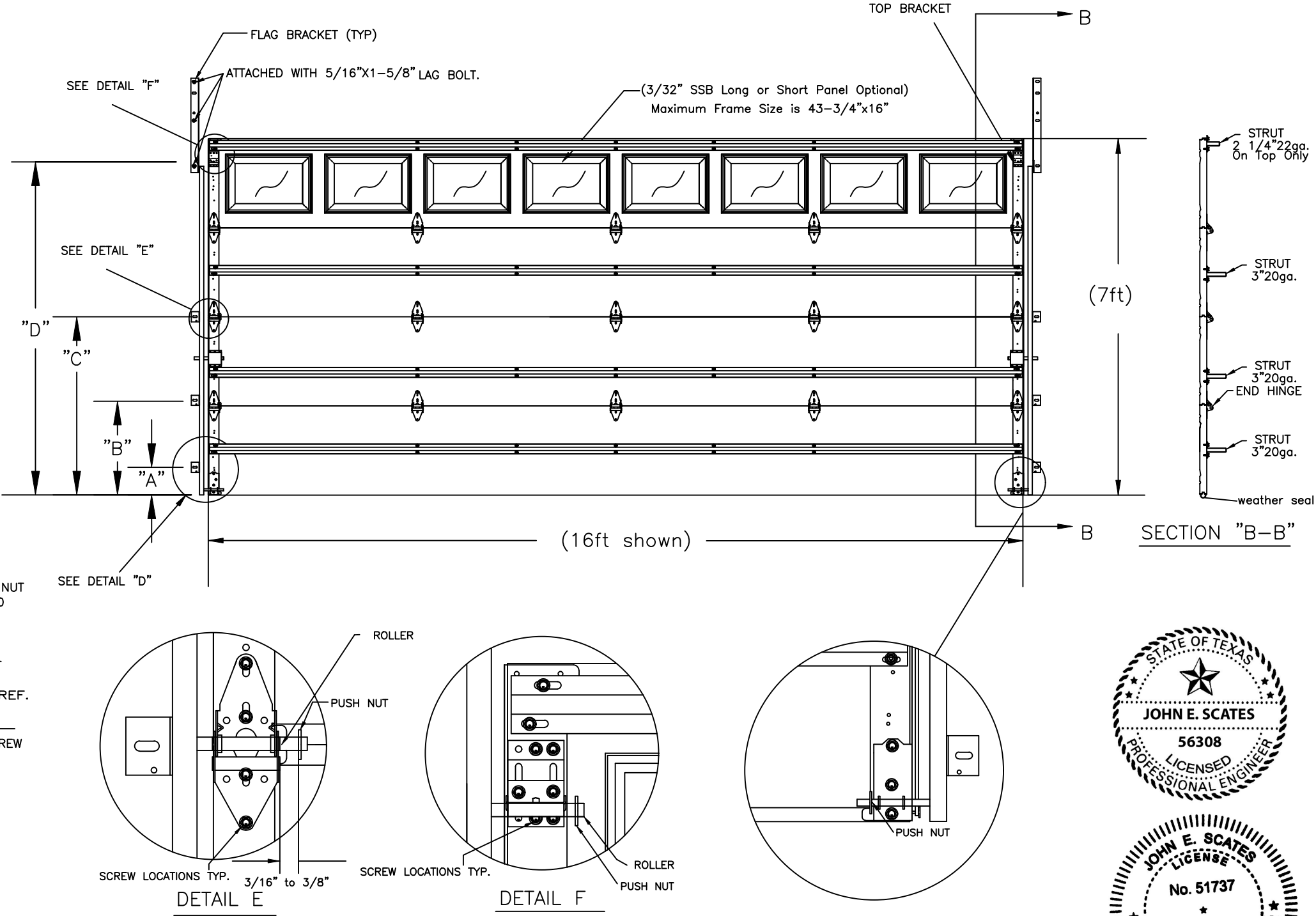
DOOR HEIGHT	"A"	"B"	"C"	"D"
6'-6" thru 7'-0"	4"	21"	42"	×
7'-6" Thru 8'-9"	4"	21"	42"	60"

For Doors over 9' high one Jamb bracket per section must be added and positioned within 3" of the roller.

Approved Pressures

DOOR WIDTH	DESIGN PRESSURE	MIN # CENTER STILES
12'-00"	+ 23.6 PSF / -26.2 PSF	2
14'-00"	+ 20.2 PSF / -22.5 PSF	3
16'-00"	+ 17.7 PSF / -19.7 PSF	3
17'-00"	+ 15.6 PSF / -17.4 PSF	3
18'-00"	+ 13.9 PSF / -15.5 PSF	3
20'-00"	+ 11.3 PSF / -12.6 PSF	4

This product was tested/evaluated in accordance with ANSI/DASMA 108
Complies with current FBC Complies with IBC/IRC 2024 (Texas)



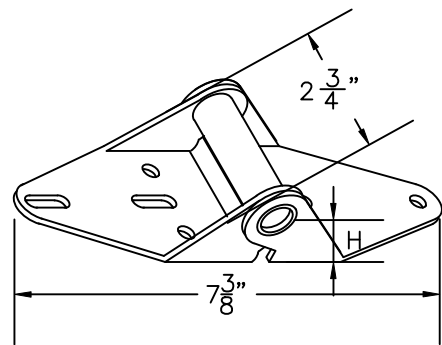
Digitally signed by John E Scates
Date: 2026.10.14 12:57:51 -05'00'

PROFESSIONAL ENGINEER'S
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VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS

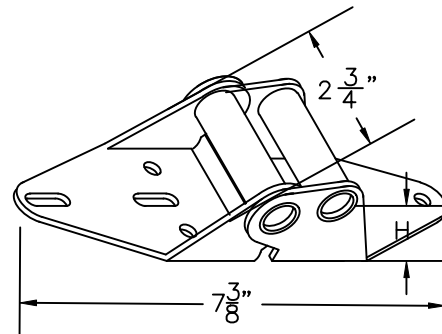
JOHN E. SCATES, P.E.
PO Box 5175
Frisco, TX 75035
FL P.E. # 51737
TX P.E. # 56308, F-2203

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Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE				
0	BR	11/1/17	NEW DRAWING	8				DRAWN BY	BJR	11-1-17	Mid-America Door Company PONCA CITY, OK			
1	BR	1/26/18	NEW FL REVISION	9				INITIAL CHK.	BJR	"				
2	TL	8/9/20	FLORIDA AFFIRMATION	10				FINAL CHK.		"				
3				11				ENGR.		"				
4				12				APPR. BY		"	DESCRIPTION EPS 2026V WINDLOAD SERIES			
5				13										
6				14										
7				15				C2229-1			TITLE WINDLOAD CONSTRUCTION DETAILS			
											DWG. NO. EPS 2026V FWL4-1607		SHT. 1 OF 2	REV. 1

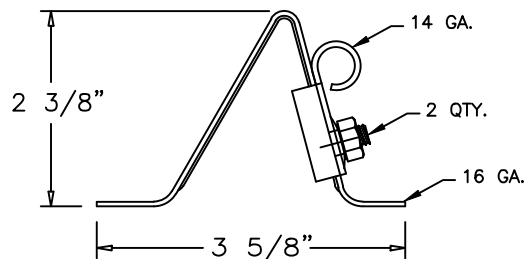
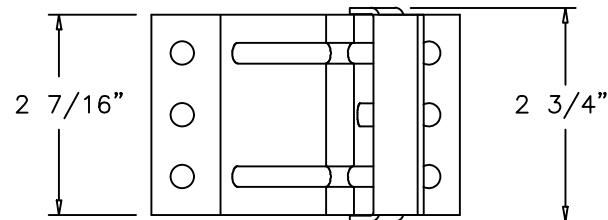


P/N 20604 (#1 HINGE)

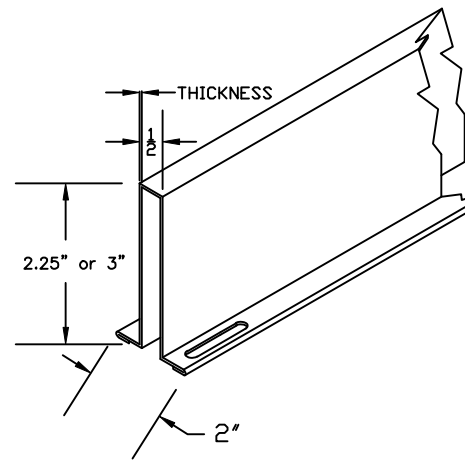


END HINGE

HINGE #	GAGE #	"H"	PART NUMBER
1	14	3/4"	20602
2	14	1"	20606
3	14	1 1/4"	20610
4	14	1 1/2"	20614
5	14	1 3/4"	20616
6	13	2"	20618

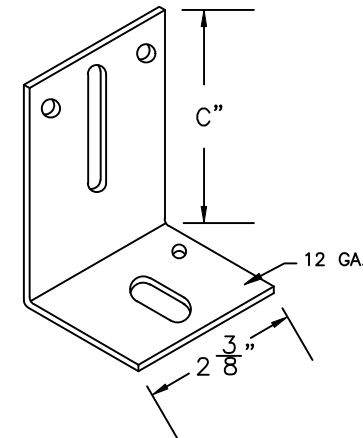


P/N 20356 TOP FIXTURE



STRUTS

THICKNESS OF STRUTS ARE AS STATED BELOW		
2.25' 22 GAUGE 33 KSI MINIMUM YIELD	.028" MIN.	
3' 20 GAUGE 50 KSI MINIMUM YIELD	.036" MIN.	

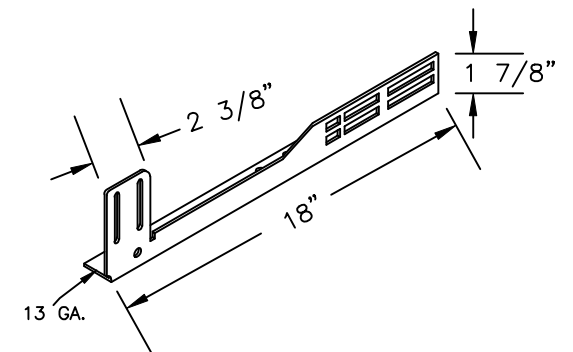


TRACK BRACKET

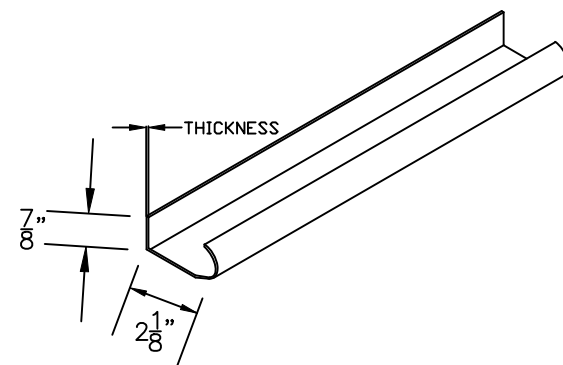
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

NOTES:

1. STRUTS ARE NOT MORE THAN 1 1/2" SHORTER THAN SECTION.
2. USE IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

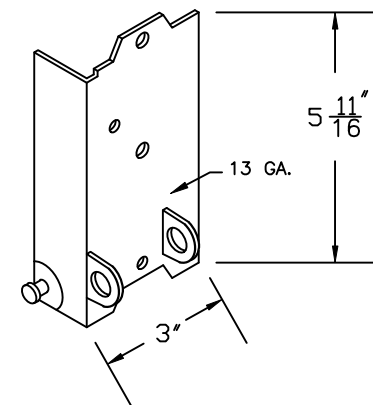


20366 & 7 FLAG BRACKET

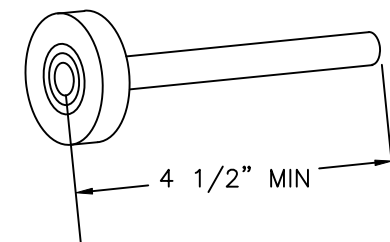


WINDLOAD TRACK

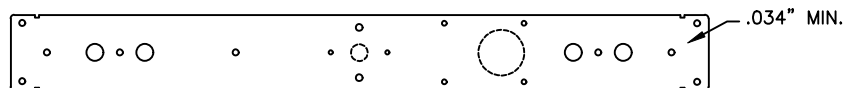
THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.	.058" MIN	
HORIZONTAL TRACK IS MIN. 16 GA.	.058" MIN	



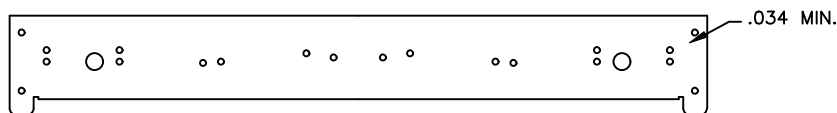
P/N 20334&5 BOTTOM BRKT.



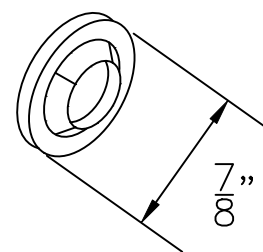
P/N 20812
SHORT STEM 11 BALL NYLON COATED STEEL ROLLER



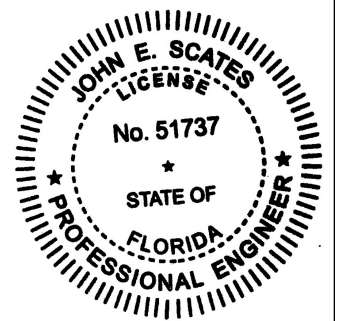
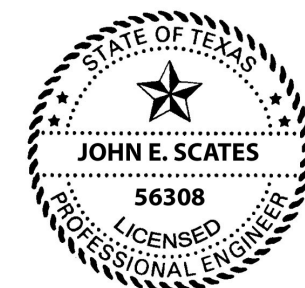
P/N 10455 & 10465 (21" & 18") CENTER STILE



P/N 10450 & 10460 (21" & 18") END STILE



P/N 20239 PUSH NUT



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PO BOX 5175
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3				11				ENGR.		"
4				12				APPR. BY	JAR	"
5				13						
6				14						
7				15						

Mid-America Door Company		PONCA CITY, OK
DESCRIPTION		WINDLOAD SERIES HARDWARE
TITLE		WINDLOAD CONSTRUCTION DETAILS
DWG. NO.	EPS2026V-FWL4-1607	SHT. 2 OF 2
REV.	1	