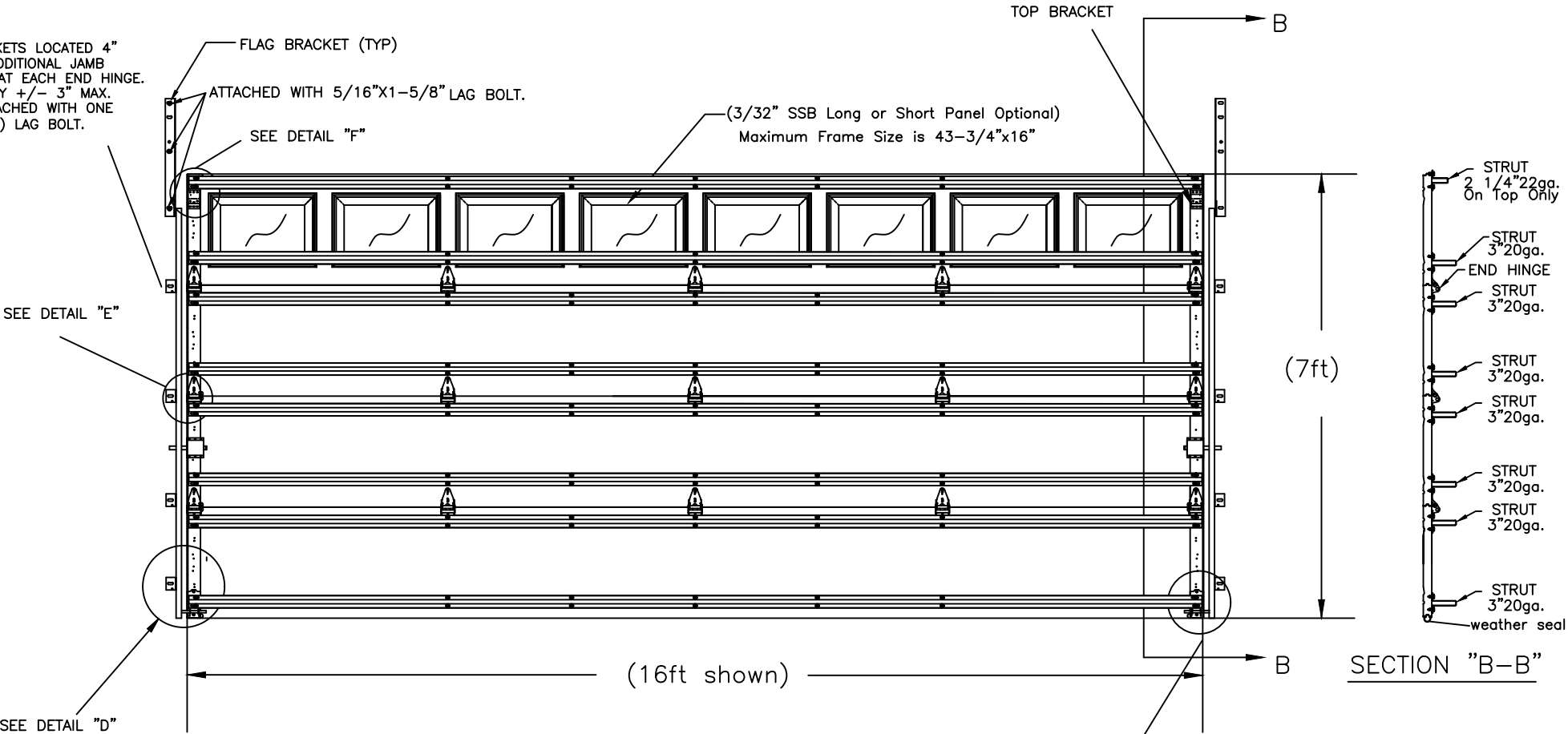


NOTES:

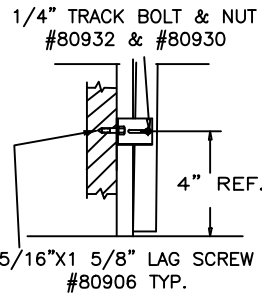
- VANTAGE SHOWN, AMERICAN 200, CS, XL, CSX, CSL OR SSG MAY BE SUBSTITUTED.
- STRUTS ATTACHED WITH 2 SELF DRILLING 1/4"-20 X 3/4" SCREWS AT EACH STILE LOCATION AND BETWEEN EACH CENTER HINGE LOCATION.
- 4 SECTION HIGH DOOR SHOWN (7FT) ,TALLER DOOR CONFIGURATIONS MAY BE CONSTRUCTED UP TO A MAXIMUM OF 14FT HIGH, USING SAME PANEL CONSTRUCTION AS SHOWN (MAXIMUM SECTION HEIGHT OF 21").
- MINIMUM STEEL THICKNESS FOR SECTION IS 26 GA. (.0165").
- 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).
- TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
- LOCK MUST BE ATTACHED AT EACH SIDE OF THE DOOR. CAM & BAR LOCKS OR AN OPENER MAY BE SUBSTITUTED.
- WOOD MOUNT SHOWN, STEEL AND MASONRY ANGLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
- JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL-0001
- THIS DOOR HAS NOT BEEN TESTED FOR WIND-BORNE DEBRIS.
- USE THIS DRAWING IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

BOTTOM JAMB BRACKETS LOCATED 4" OFF THE FLOOR. ADDITIONAL JAMB BRACKETS LOCATED AT EACH END HINGE. PLACEMENT CAN VARY +/- 3" MAX. JAMB BRACKETS ATTACHED WITH ONE (5/16 X 1-1/2 MIN) LAG BOLT.

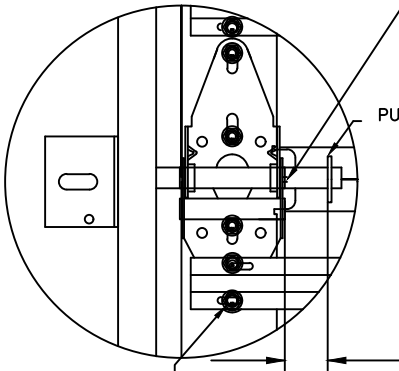


Strut Requirements

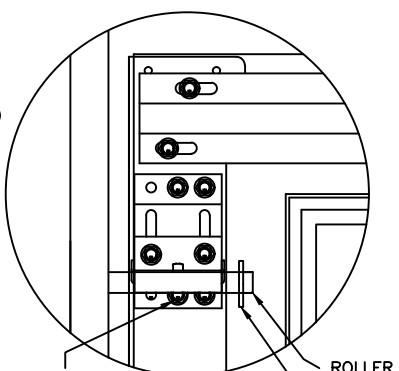
# sections	# Struts	
	2-1/4"	3"
4	1	7
5	1	9
6	1	11
7	1	13
8	1	15



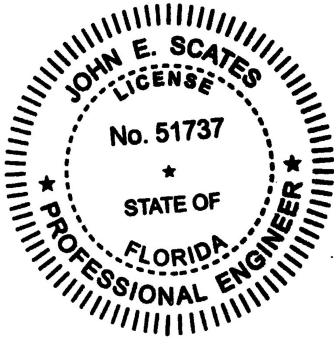
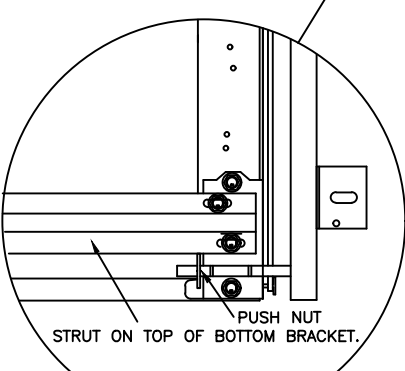
DETAIL D



DETAIL E



DETAIL F



Digitally signed by John E Scates
Date: 2021.09.23 12:08:28 -05'00'

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

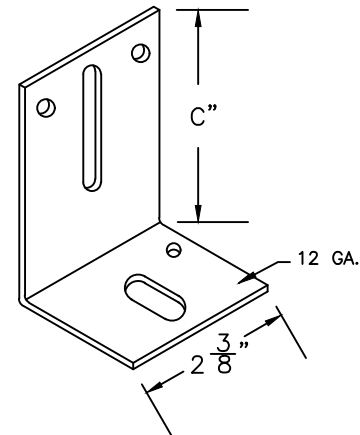
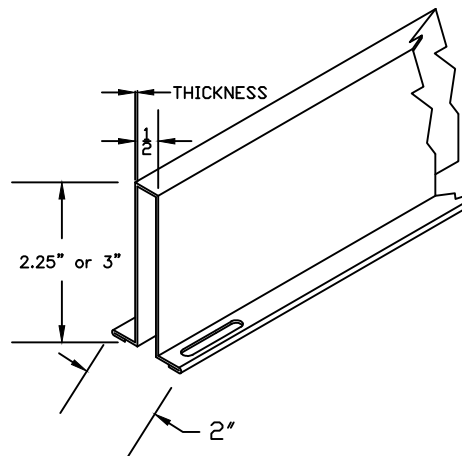
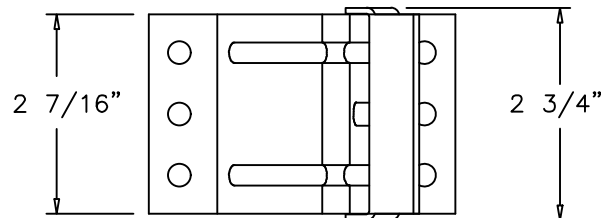
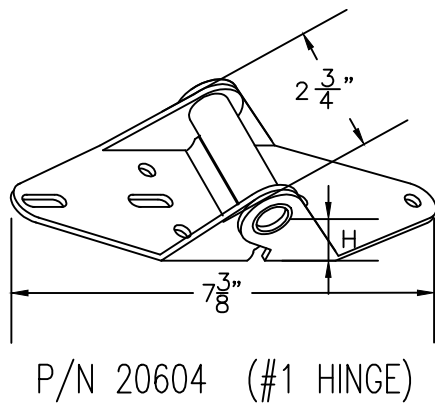
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS
JOHN E. SCATES, P.E.
2560 King Arthur Blvd #124-24
Lewisville, TX 75056
FL. P.E. # 51737
TX. P.E. # 56308, F-2203

This product was tested/evaluated in accordance with ANSI/DASMA 108

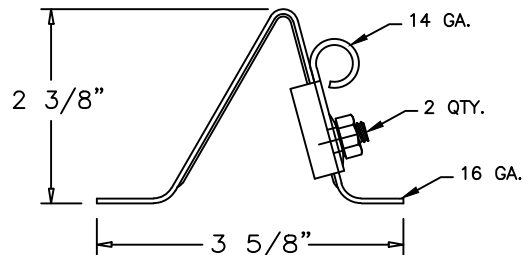
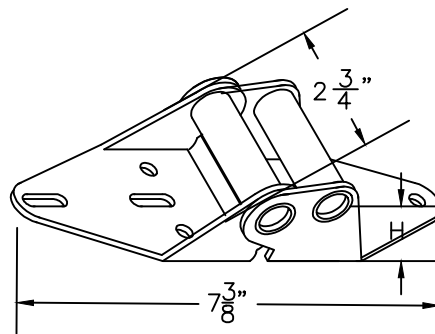
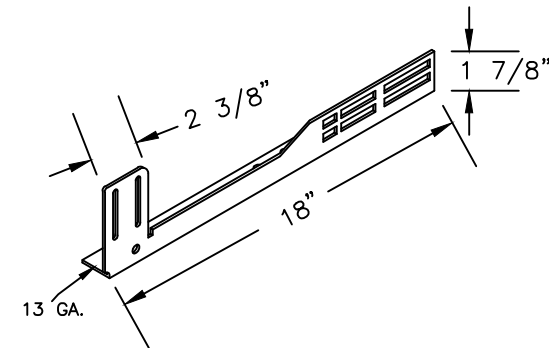
NOTES: THIS DRAWING AND / OR TECHNICAL INFORMATION ON THIS SHEET IS THE PROPERTY OF MID-AMERICA DOOR COMPANY AND IS LOANED IN CONFIDENCE FOR ENGINEERING AND MUTUAL ASSISTANCE PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING DISCLOSED HEREON WITHOUT THE EXPRESSED PERMISSION OF MID-AMERICA DOOR COMPANY.

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
1	BR	1/26/18	NEW FL REVISION	9				INITIAL CHK.	BJR	"
2				10				FINAL CHK.		"
3				11				ENGR.		"
4				12				APPR. BY		"
5				13						
6				14						
7				15						

Mid-America Door Company		PONCA CITY, OK	
DESCRIPTION VANTAGE WINDLOAD SERIES			
TITLE WINDLOAD CONSTRUCTION DETAILS		DWG. NO. VAN-FWL8-1607	SHT. 1 OF 2
		REV. 1	



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

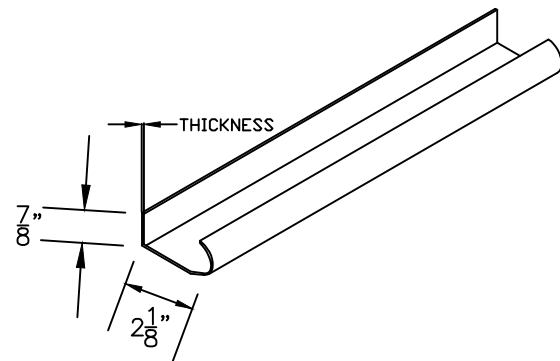


THICKNESS OF STRUTS ARE AS STATED BELOW		
2.25" 22 GAUGE 33 KSI MINIMUM YIELD	.028" MIN.	
3" 20 GAUGE 50 KSI MINIMUM YIELD	.036" MIN.	

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

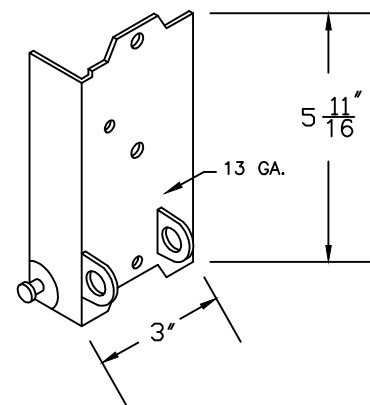
END HINGE

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

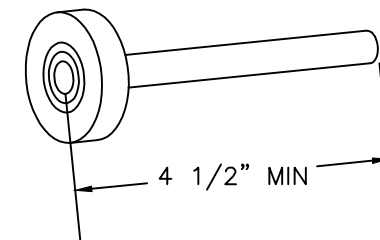


WINDLOAD TRACK

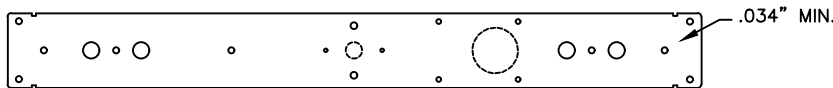
THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.	.058" MIN	
HORIZONTAL TRACK IS MIN. 16 GA.	.058" MIN	



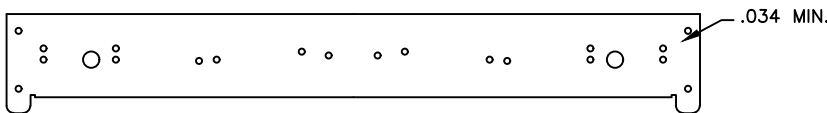
P/N 20334&5 BOTTOM BRKT.



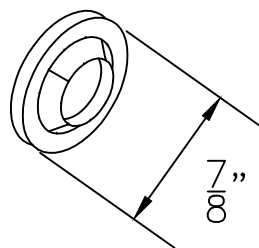
P/N 20812
SHORT STEM 11 BALL NYLON COATED STEEL ROLLER



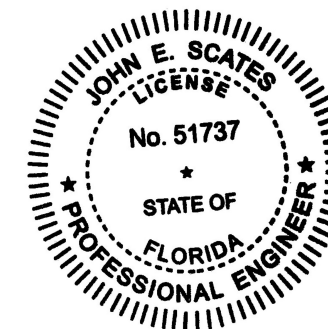
P/N 10455 & 10465 (21" & 18") CENTER STILE



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



P/N 20239 PUSH NUT



PROFESSIONAL ENGINEER'S
SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS

JOHN E. SCATES, P.E.
2560 King Arthur Blvd #124-24
Lewisville, TX 75056
FL. P.E. # 51737
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5				13						
6				14						
7				15						

Mid-America Door Company		PONCA CITY, OK	
DESCRIPTION		WINDLOAD SERIES HARDWARE	
TITLE		DWG. NO.	SHT. 2 OF 2
WINDLOAD CONSTRUCTION DETAILS		VAN-FWL8-1607	REV. 1