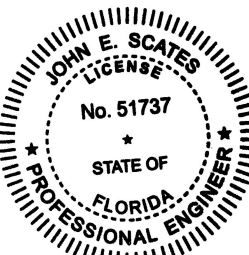
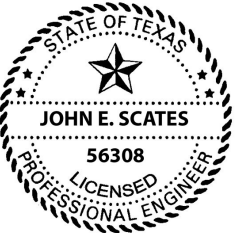
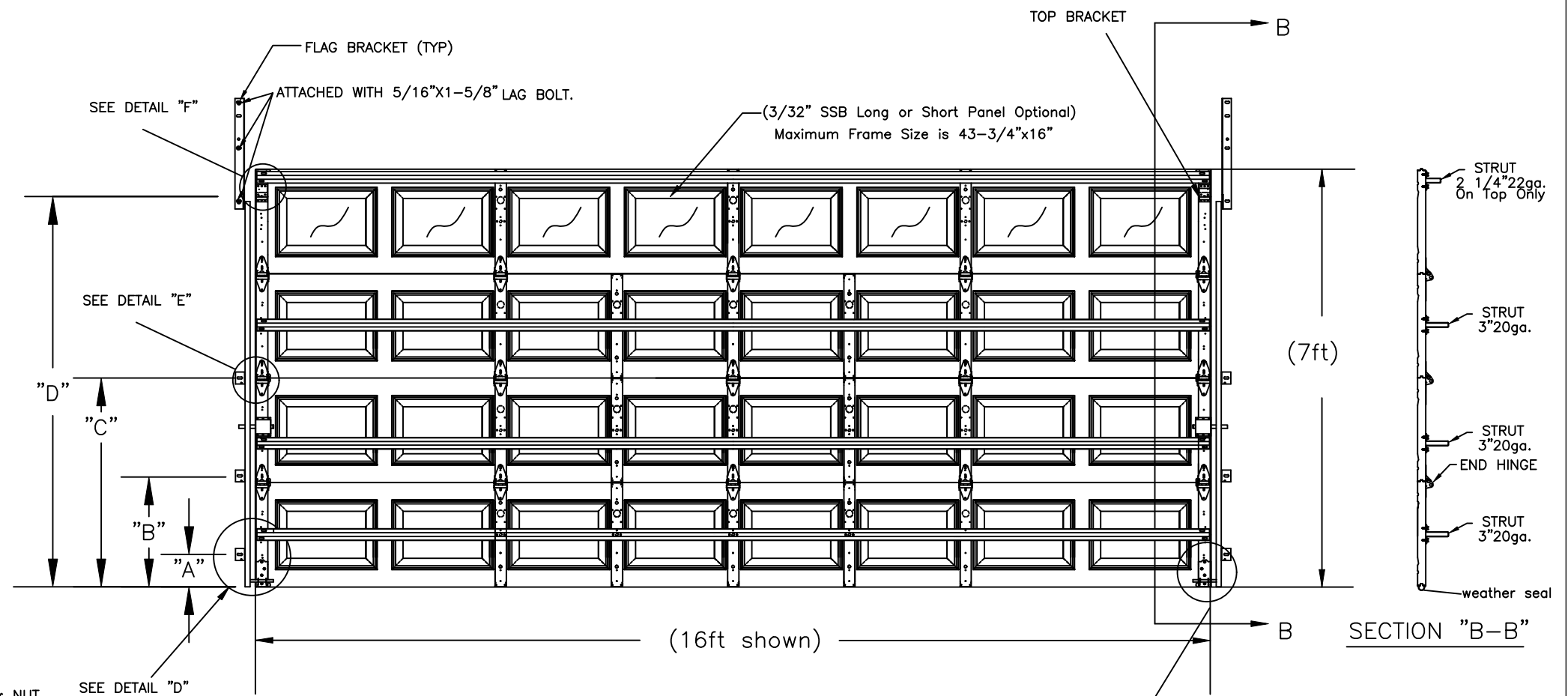


1. OB 2025 SHOWN, OBI 2025, OB 2024, OBI 2024, OB 2025-Inlay, OBI 2025 Inlay, ANY STAMP TYPE ALLOWED.
2. STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS
1/4"-20 X 3/4" AT EACH STILE LOCATION
3. 4 SECTION HIGH DOOR SHOWN (7FT) ,TALLER DOOR CONFIGURATIONS
MAY BE CONSTRUCTED UP TO A MAXIMUM OF 14FT HIGH, USING SAME
PANEL CONSTRUCTION AS SHOWN (MAXIMUM SECTION HEIGHT OF 21").
4. MINIMUM STEEL THICKNESS FOR SECTION IS 25 GA. (.0185").
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.

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

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

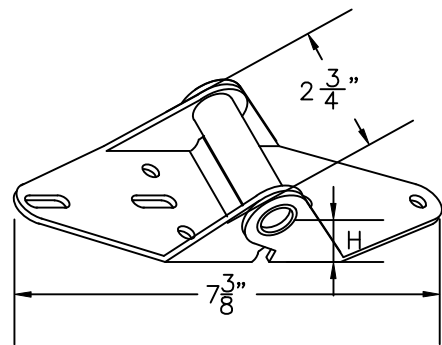
DOOR WIDTH	DESIGN PRESSURE	MIN # INT	CENTER STILES GLAZED
12'-00"	+ 20.6 PSF / -22.9 PSF	3	2
14'-00"	+ 17.7 PSF / -19.6 PSF	4	3
16'-00"	+ 15.5 PSF / -17.2 PSF	5	3
17'-00"	+ 13.7 PSF / -15.2 PSF	7	3
18'-00"	+ 12.2 PSF / -13.5 PSF	7	3
20'-00"	+ 9.9 PSF / -11.0 PSF	9	4



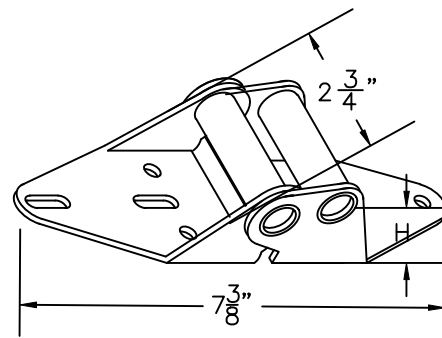
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VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS

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Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE	 Mid-America Door Company PONCA CITY, OK			
0	BR	11/1/17	NEW DRAWING	8				DRAWN BY	BJR	11-1-17				
1	BR	1/25/18	NEW FL. REVISION	9				INITIAL CHK.	BJR	"	DESCRIPTION OB 2025/OB 2024 WINDLOAD SERIES			
2	TL	5/9/18	FLORIDA AFFIRMATION	10				FINAL CHK.	"	"				
3				11				ENGR.	"	"	TITLE WINDLOAD CONSTRUCTION DETAILS			
4				12				APPR. BY	"	"				
5				13							DWG. NO. OB 2025/2024 FWL3-1607			
6				14										
7				15										
											SHT. 1 OF 2			
											REV. 1			

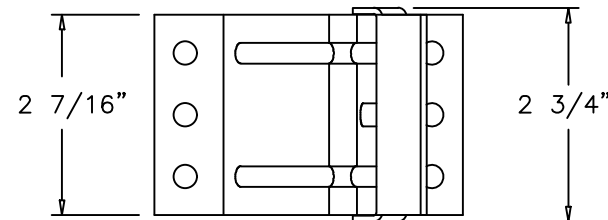


P/N 20604 (#1 HINGE)

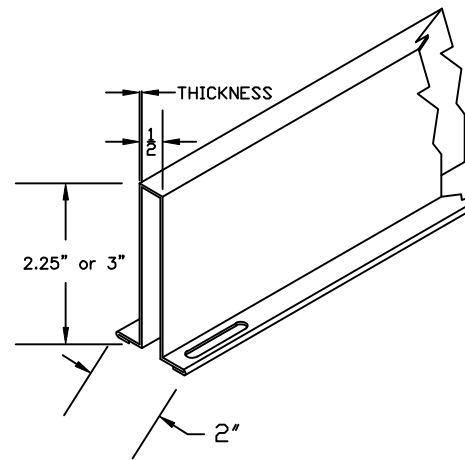
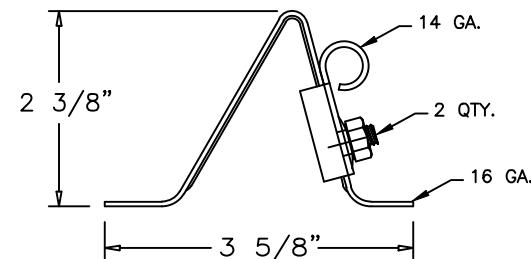


END HINGE

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

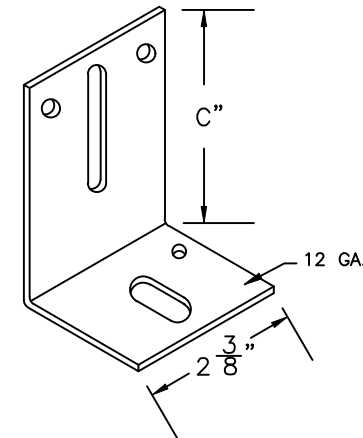


P/N 20356 TOP FIXTURE



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.

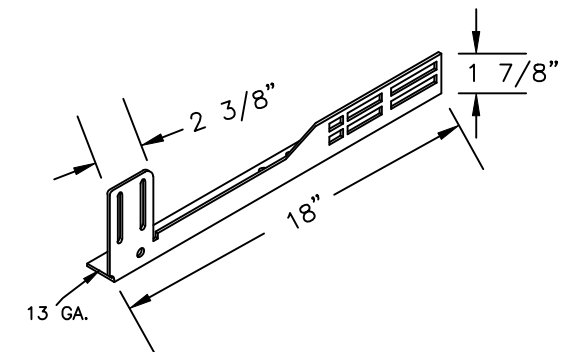


TRACK BRACKET

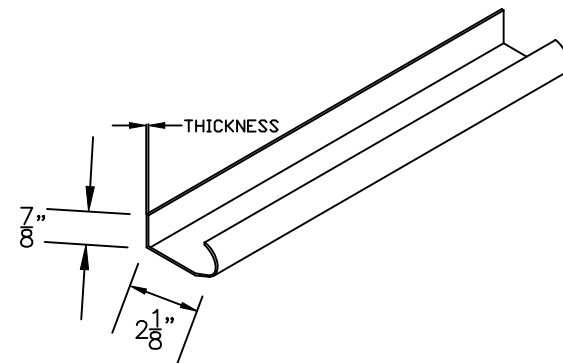
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

NOTES:

- 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.

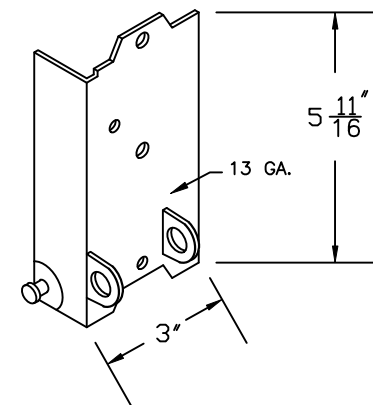


20366 & 7 FLAG BRACKET

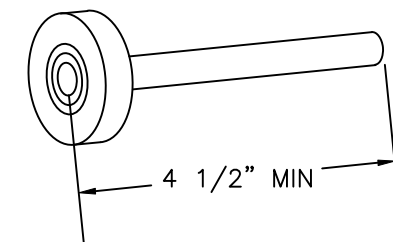


WINDLOAD TRACK

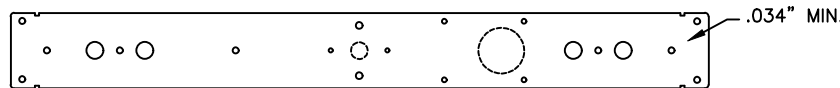
THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.	.058" MIN	
HORIZONTAL TRACK IS MIN. 16 GA.	.058" MIN	



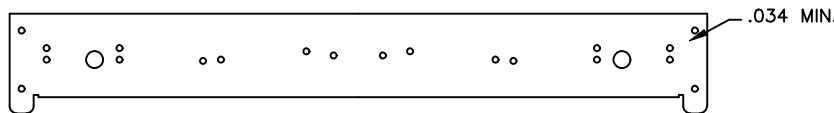
P/N 20334&5 BOTTOM BRKT.



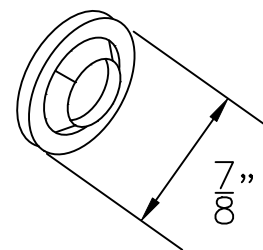
P/N 20812
SHORT STEM 11 BALL NYLON COATED STEEL ROLLER



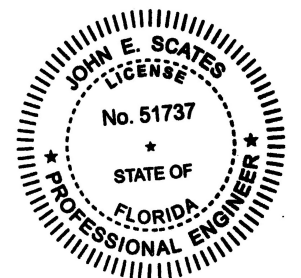
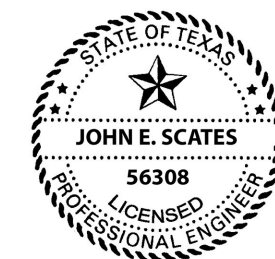
P/N 10455 & 10465 (21" & 18") CENTER STILE



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



P/N 20239 PUSH NUT



PROFESSIONAL ENGINEER'S
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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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1	BR	1/30/18	NEW FL. REVISION	9				INITIAL CHK.	BJR	"				
2	TL	9/9/20	FLORIDA AFFIRMATION	10				FINAL CHK.	JAR	"				
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.		SHT.		REV.
										08 2025/2024-FML3-1607		2 OF 2		1