

NOTES:

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. STRUT PLACEMENT SHOWN IS TYPICAL (TOP STRUTS ARE OVER THE HINGES AS SHOWN USING THE HOLES PROVIDED IN THE HINGE, BOTTOM STRUTS ARE JUST ABOVE THE TOP OF THE HINGES). SEE DETAIL E
11. THIS DOOR HAS NOT BEEN TESTED FOR WIND–BORNE DEBRIS.
12. 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	5
5	1	7
6	1	8
7	1	10
8	1	11

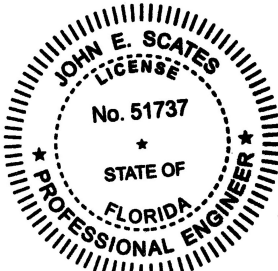
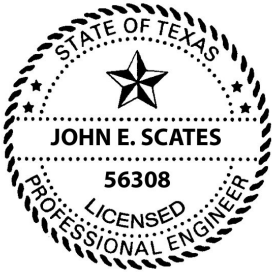
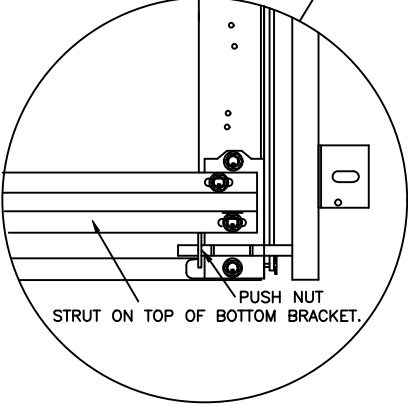
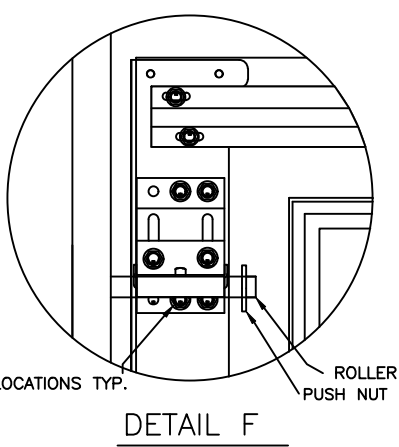
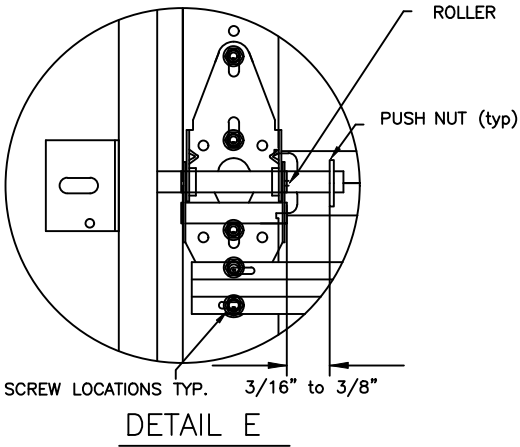
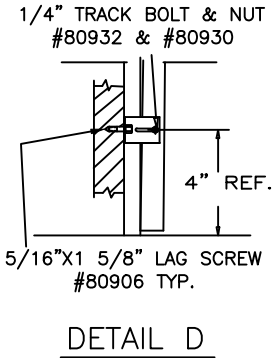
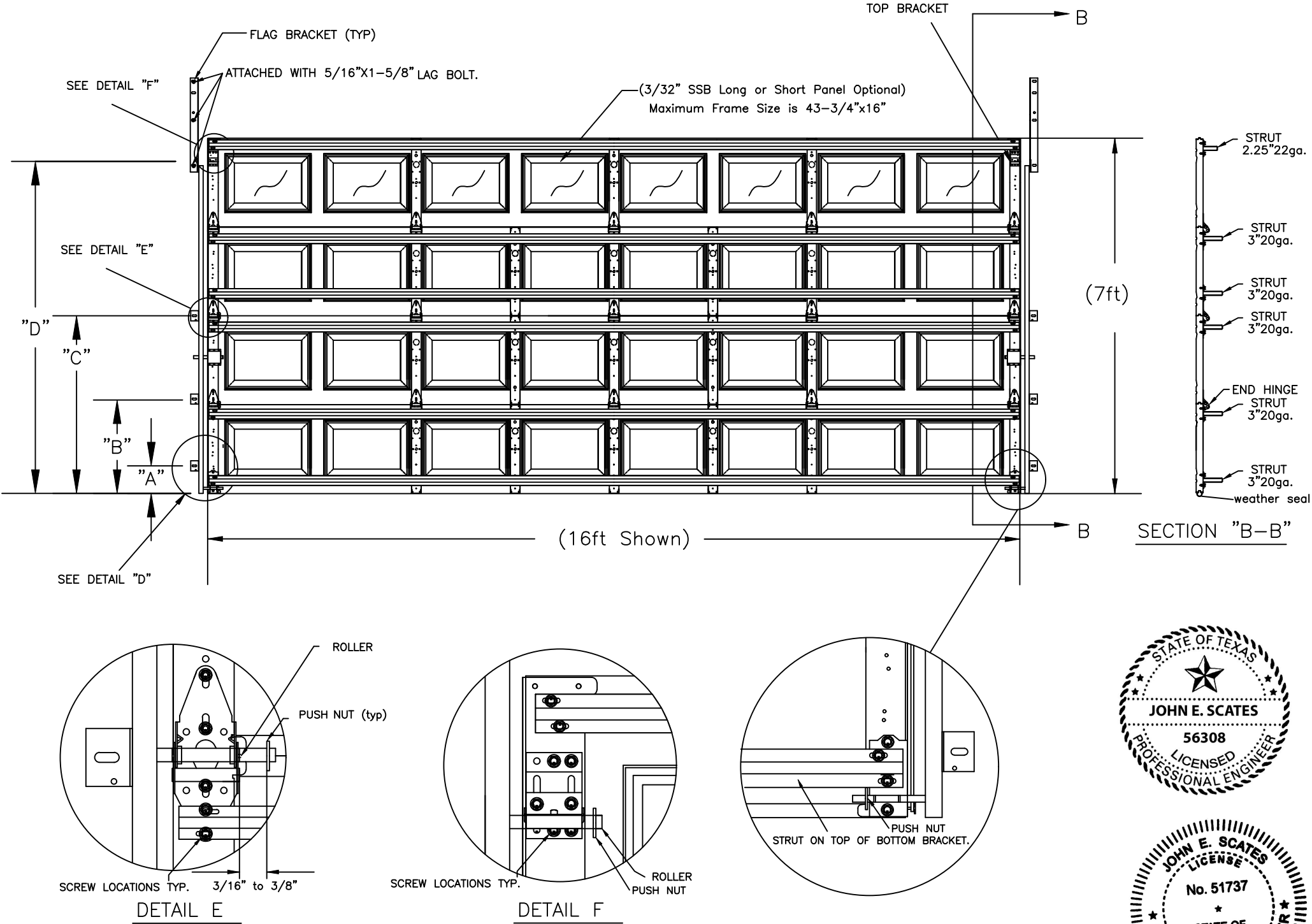
Track Bracket Locations

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	
		INT	GLAZED
12'–00"	+ 27.2 PSF / –30.2 PSF	3	2
14'–00"	+ 23.3 PSF / –25.9 PSF	4	3
16'–00"	+ 20.4 PSF / –22.7 PSF	5	3
17'–00"	+ 18.0 PSF / –20.1 PSF	7	3
18'–00"	+ 16.1 PSF / –17.9 PSF	7	3
20'–00"	+ 13.0 PSF / –14.5 PSF	9	4



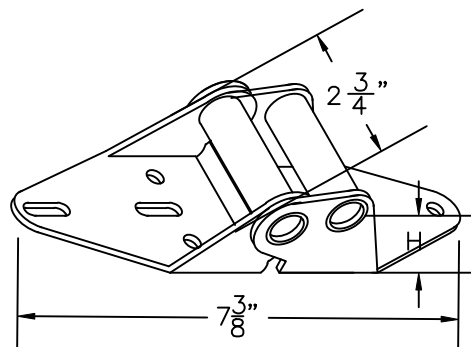
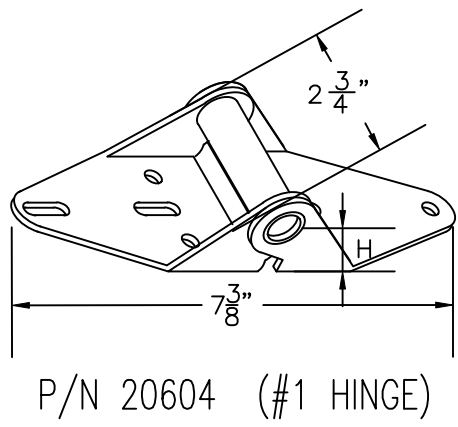
Digitally signed by John E Scates
Date: 2026.10.14 12:37:01 -05'00'

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

JOHN E. SCATES, P.E.
PO Box 5175
Frisco, TX 75035
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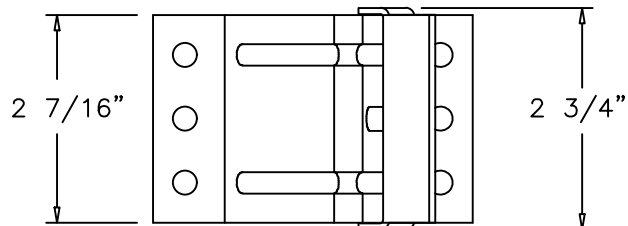
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Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE								
0	BR	11/1/17	NEW DRAWING	8				DRAWN BY	BJR	11-1-17	 Mid-America Door Company	PONCA CITY, OK						
1	BR	1/30/18	NEW FL REV	9				INITIAL CHK.	BJR	"								
2	TL	9/9/20	FLORIDA AFFIRMATION	10				FINAL CHK.		"								
3				11				ENGR.		"								
4				12				APPR. BY		"	DESCRIPTION OB 2025/2024 WINDLOAD SERIES							
5				13				TITLE WINDLOAD CONSTRUCTION DETAILS										
6				14														
7				15														
											DWG. NO.	OB 2026/2024	SHT.	REV.				
											FWL5-1607	1 OF 2	1					

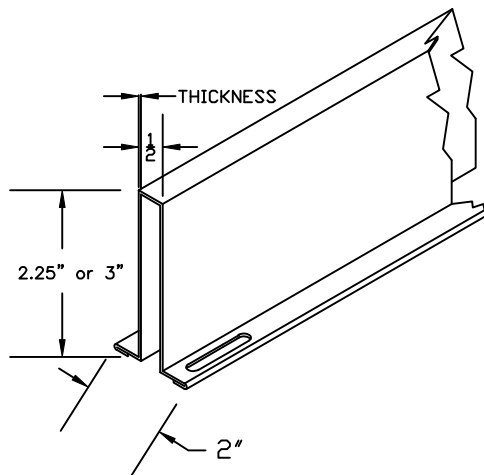
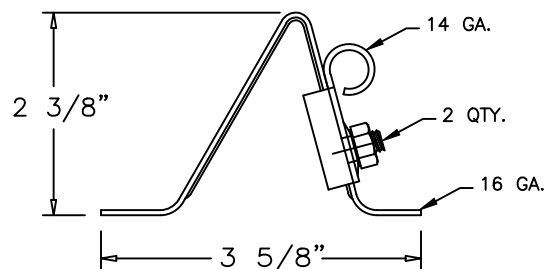


END HINGE

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

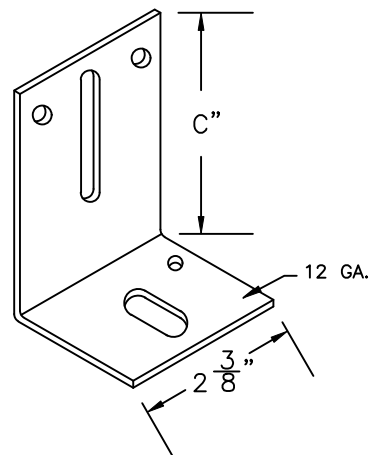


P/N 20356 TOP FIXTURE



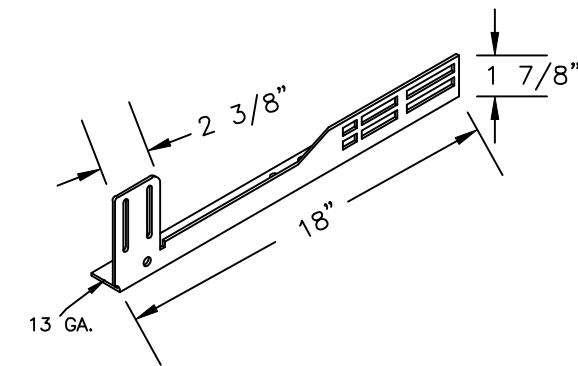
STRUTS

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.

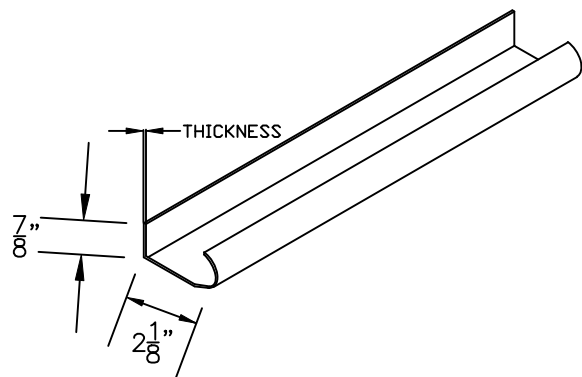


TRACK BRACKET

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

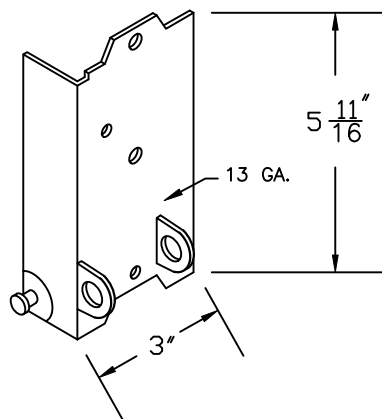


20366 & 7 FLAG BRACKET

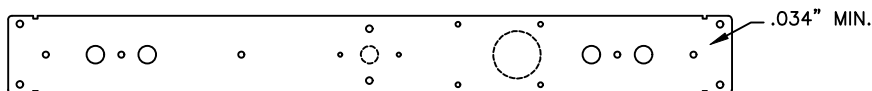


WINDLOAD TRACK

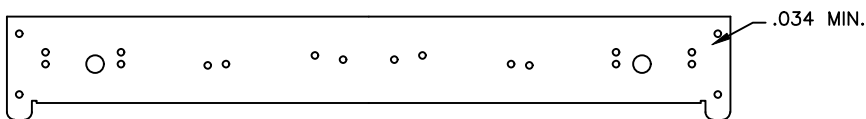
THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.		.058" MIN
HORIZONTAL TRACK IS MIN. 16 GA.		.058" MIN



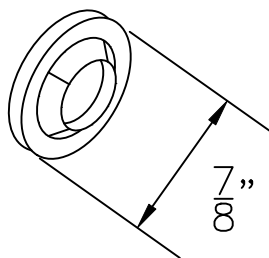
P/N 20334&5 BOTTOM BRKT.



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



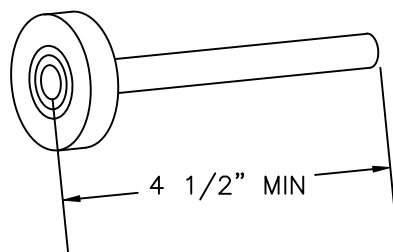
P/N 10450 & 10460 (21" & 18") END STILE



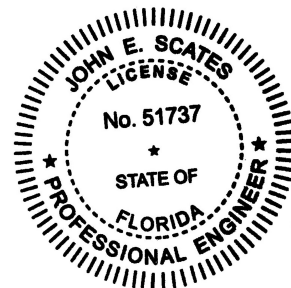
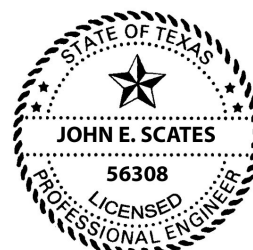
P/N 20239 PUSH NUT

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.



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



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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		DWG. NO.	SHT.	REV.
WINDLOAD CONSTRUCTION DETAILS		08 2025/2024-FWL5-1607	2 OF 2	1