

NOTES:

- REGAL SHOWN, CELEBRITY, AMERICAN 100, CS, XL, CSX, CSL OR VANTAGE SERIES MAY BE SUBSTITUTED.
- STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS 1/4"-20 X 3/4" AT EACH STILE 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").
- 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).
- MINIMUM STEEL THICKNESS FOR SECTION IS 26 GA. (.0185").
- TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
- A LOCK MUST BE ATTACHED EITHER SIDE OF 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.
- AVAILABLE NON-IMPACT WINDOWS: MOLDED PLASTIC FRAMES INSIDE AND OUTSIDE. THE FRAMES CLAMP THE PAN STEEL AND GLASS. GLASS IS ANNEALED SSB (3/32" THICK) WITH CLEAR OPENING UP TO 41-1/4" WIDE x 13-3/8" TALL. FRAMES ARE ASSEMBLED WITH #8 PAN-HEAD PHILLIPS SCREWS, USING 10" OR LESS SPACING BETWEEN SCREWS.

Strut Requirements

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

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.

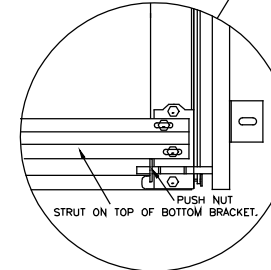
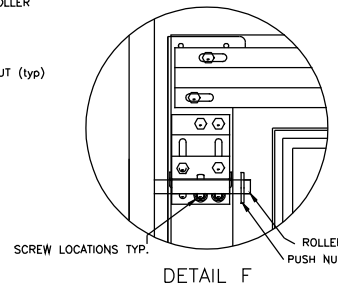
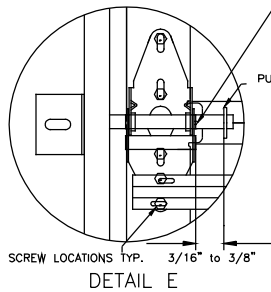
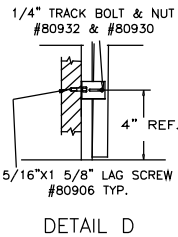
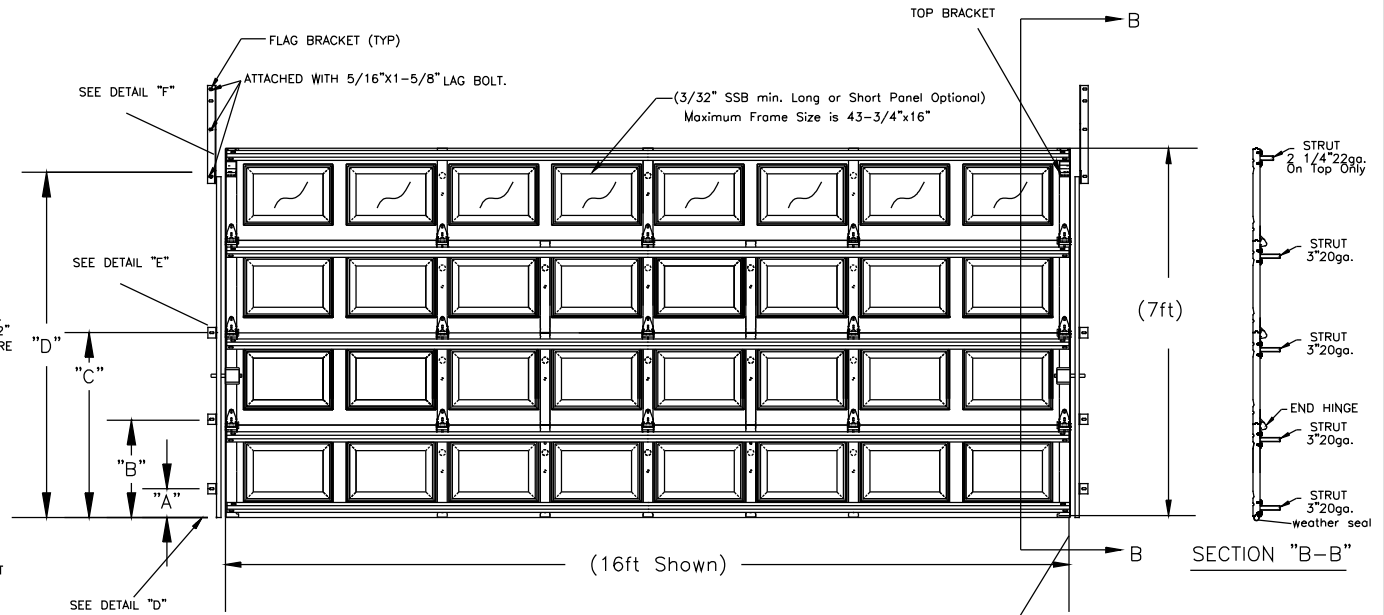
Approved Pressures

DOOR WIDTH	DESIGN PRESSURE	MIN # CENTER STILES INT	MIN # CENTER STILES GLAZED
12'-00"	+ 23.6 PSF / -26.2 PSF	3	2
14'-00"	+ 20.2 PSF / -22.5 PSF	4	3
16'-00"	+ 17.7 PSF / -19.7 PSF	5	3
17'-00"	+ 15.6 PSF / -17.4 PSF	7	3
18'-00"	+ 13.9 PSF / -15.5 PSF	7	3
20'-00"	+ 11.3 PSF / -12.6 PSF	9	4

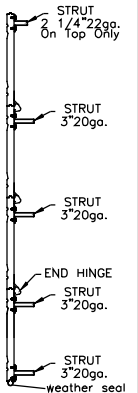
COMPLIES WITH IBC/IRC 2018

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

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SECTION "B-B"



Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE
0		12/2/17	NEW COMPANY	8				DRAWN BY	BJR	11-1-17
1		1/28/18	NEW R. REV	9				INITIAL CHK.	BJR	-
2				10				FINAL CHK.		-
3				11				ENGR.		-
4				12				APPR. BY		-
5				13						-
6				14						-
7				15						-

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 75068
FL P.E. # 51737
TX P.E. # 56308, F-2203

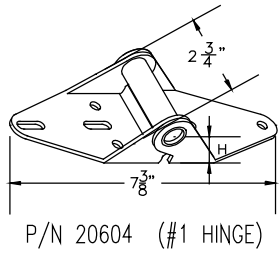
Mid-America Door Company PONCA CITY, OK

DESCRIPTION: REGAL/ CELEBRITY WINDLOAD SERIES

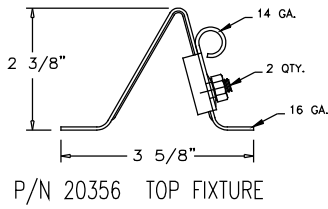
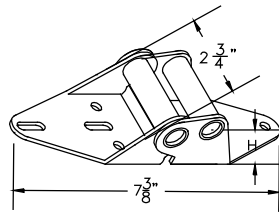
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DWG. NO. RC-FWL4-1607

SHT. OF 2



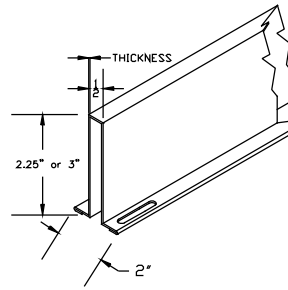
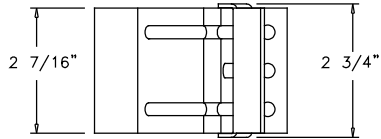
P/N 20604 (#1 HINGE)



P/N 20356 TOP FIXTURE

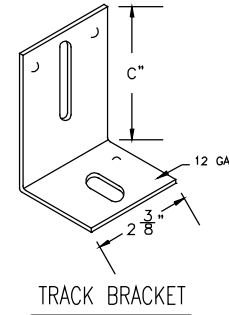
END HINGE

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



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.

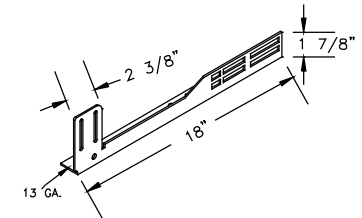


TRACK BRACKET

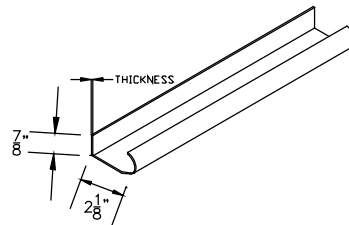
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

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.

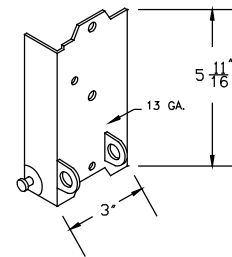


20366 & 7 FLAG BRACKET

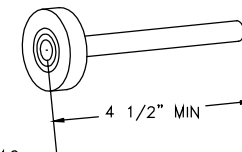


WINDLOAD TRACK

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



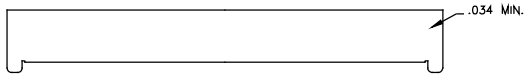
P/N 20334&5 BOTTOM BRKT.



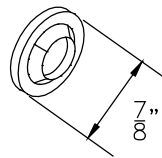
P/N 20812
SHORT STEM 11 BALL NYLON COATED STEEL ROLLER



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



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



P/N 20239 PUSH NUT

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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

Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE
0	BJR	11/17/17	NEW DRAWING	8				DRAWN BY	BJR	11-1-17
1	BJR	1/26/18	REV FL REV	9				INITIAL CHK.	BJR	-
2				10				FINAL CHK.	JAR	-
3				11				ENGR.		-
4				12				APPR. BY	JAR	-
5				13						
6				14						
7				15						

		PONCA CITY, OK
DESCRIPTION		
WINDLOAD SERIES HARDWARE		
TITLE	DWG. NO.	SHY. REV.
WINDLOAD CONSTRUCTION DETAILS	RC-FWL4-1607	2/2