

NOTES:

1. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

2. SLIDE LOCK OR OPERATOR REQUIRED. LOW HEADROOM REQUIRES A LOCK ON THE LEFT AND RIGHT SIDE OF THE DOOR.

3. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

4. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
EXTERIOR - 27 GA
INTERIOR - 30 GA

5. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER AND BE SPRUCE, PINE, OR FIR. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

6. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A LHR TOP BRACKET IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. SEE LHR, DETAIL A, SHEET 2.

7. GLAZING OPTIONS - .125" MINIMUM TEMPERED GLAZING INSTALLED IN TOP SECTION (WITH OR WITHOUT DECORATIVE LITE FRAME DIVIDERS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

8. 11 GA ROLLER SLIDES WITH WELDED ENDS AND 11 GA REINFORCING BRACKETS REQUIRED FOR DOORS > 8' TALL.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

5/16x1-5/8"
LAG SCREWS (MIN
3 AS SHOWN)

16 GA MIN VERT
TRACK

5/16x1-5/8" LAG
SCREW AT EACH
JAMB BRACKET

SECURE LOCK STRIKER
PLATE ATTACHED TO TRACK
WITH (2) 1/4-20x9/16"
TRACK BOLTS AND NUTS
(ONLY REQUIRED WITH SLIDE
LOCK)

SLIDE LOCK (NOT
REQUIRED WITH OPERATOR
- SEE NOTE 2)

15 GA JB-1 JAMB
BRACKETS. SEE
SCHEDULE FOR
QUANTITY AND
LOCATION.

NOTE: (3) SECTION DOOR SHOWN.
SEE SHEET 2 FOR U-BAR LOCATIONS
ON DOORS WITH OTHER SECTION
QUANTITIES.

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	2	FAT	13" (JB), 45" (JB)
8'-0"	4	3	FAT	10" (JB), 48" (JB), 66" (JB)
> 8'-0"				SEE NOTE BELOW

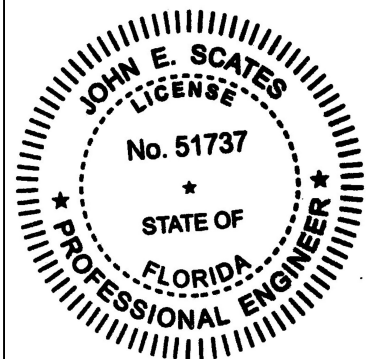
NOTE:

(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

**SUPERIMPOSED DESIGN PRESSURE
LOADS ON SUPPORTING STRUCTURE**

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+64.0/-74.0

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



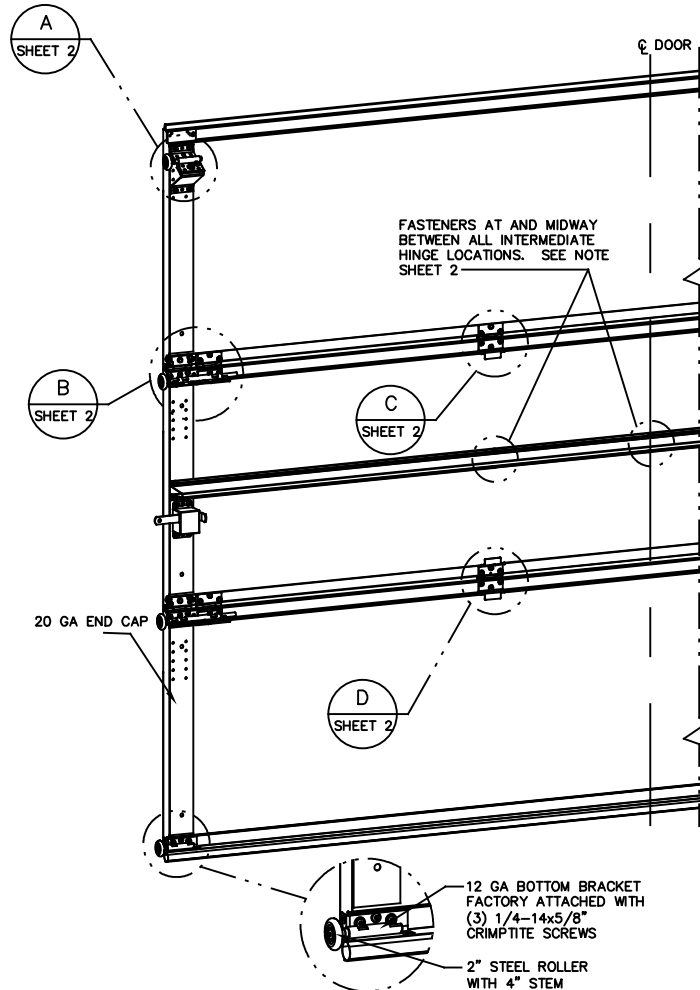
Digitally signed by John E. Scates, P.E.
Date: 2020.09.25 16:09:12 -05'00'

JOHN E. SCATES, PE
2560 King Arthur #124-54
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SERIES 300, 5800, 7540

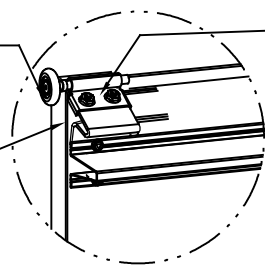
This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+12.80/-14.80	MAX WIDTH:	10'-0"	DATE	NAME	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX HEIGHT:	14'-0"	DRAWN	8-23-16	GAC
		MAX SECTION HEIGHT: 28"	CHECKED	8-23-16	DK	
MODELS 300-309/5800				SHEET 1 OF 2		
WINDLOAD SPECIFICATION				DRAWING PART NO.	REV.	
				411425	B	

REVISIONS
POO CREATED NEW
DRAWING FOR
WINDLOAD OPTIONS
8-23-16 GAC
REV A PCR 32177
ADDED ORACLE
MODEL NUMBERS
10-29-19 TLC
REV B PCR 32442
ADDED NYLON BALL
BEARING ROLLER
OPTION
9-24-2020 JQ

LOW HEADROOM TRACK

2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE.
14GA LHR TOP BRACKET ATTACHED TO DOOR WITH (3) 1/4-20 X 11/16" SELF DRILLING AND (2) #12 X 1/2" PHILLIPS SCREWS

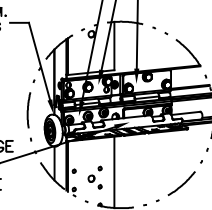


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPITITE SCREWS EACH

13 GA REINFORCING BRACKET ATTACHED BENEATH HINGE BASE. (EXCEPTION: NOTE #8)

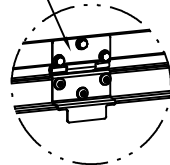
2" STEEL ROLLER WITH 9" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE.



13 GA ROLLER CARRIERS FACTORY ATTACHED TO HINGE BASE AND REINFORCING BRACKET. (EXCEPTION: NOTE #8)

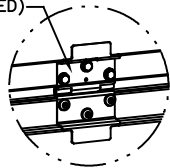
DETAIL B

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITITE SCREWS (3 OF WHICH ARE FACTORY ATTACHED)



DETAIL C

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITITE SCREWS (3 OF WHICH ARE FACTORY ATTACHED)



DETAIL D

DETAIL A

STANDARD LIFT TRACK

2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE.
13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS



13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

U-BAR LOCATIONS

(7) SECTION DOORS WITH (5) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

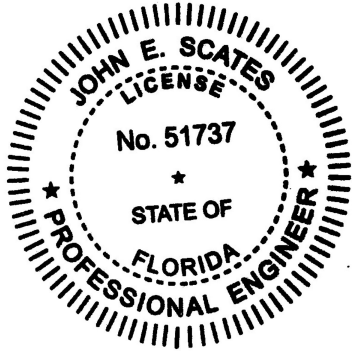
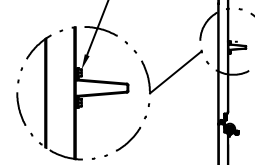
(6) SECTION DOORS WITH (4) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(5) SECTION DOORS WITH (3) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(4) SECTION DOORS WITH (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(3) SECTION DOORS WITH (1) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

UNLESS NOTED OTHERWISE, ALL U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (2) FASTENERS AT EACH END, IN LINE WITH INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS (MINIMUM OF (10) FASTENERS EACH U-BAR). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-14x5/8" CRIMPITITE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS.



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+12.80/-14.80	MAX WIDTH:	10'-0"		DATE	NAME	
		MAX HEIGHT:	14'-0"	DRAWN	8-23-16	GAC	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"	CHECKED		8-23-16	DK	
MODELS 300-309/5800				SHEET 2 OF 2			
WINDLOAD SPECIFICATION				DRAWING PART NO.		REV.	
				411425		B	

REVISIONS

POO CREATED NEW DRAWING FOR WINDLOAD OPTIONS 8-23-16 GAC

REV A PCR 32177 ADDED ORACLE MODEL NUMBERS 10-29-19 TLC

REV B PCR 32442 ADDED NYLON BALL BEARING ROLLER OPTION 9-24-2020 JQ