

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. MAX CLEAR OPENING 49-1/4" X 19-1/4"

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	12" (JB), 44" (JB)
8'-0"	4	3	FAT	10" (JB), 48" (JB), 66" (JB)
> 8'-0"				SEE NOTE BELOW

NOTE:

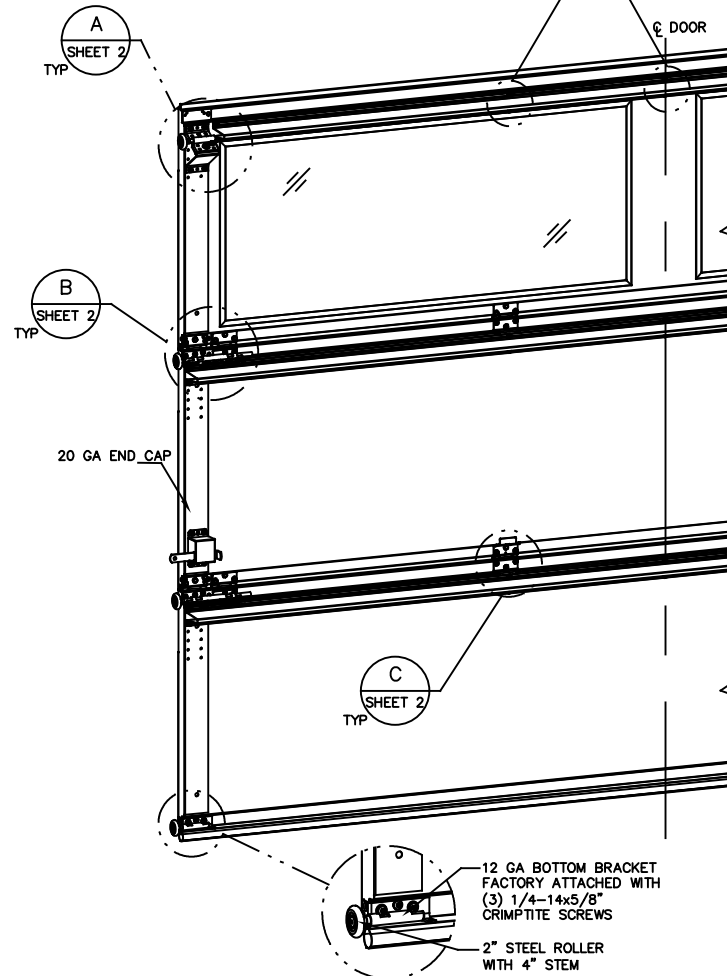
(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE, SEE SUPPLEMENT TRACK CHART FOR DETAILS.

SUPERIMPOSED DESIGN PRESSURE
LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+96.0/-110.0

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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

FASTENERS AT AND MIDWAY
BETWEEN ALL INTERMEDIATE
HINGE LOCATIONS. SEE NOTE
SHEET 2



This door has been tested per ANSI/DASMA 108

SERIES 300, 5800, 7540

The Genuine. The Original.



Lewisville, TX

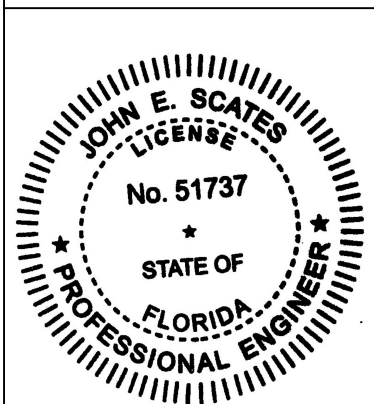
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+19.20/-22.00	MAX WIDTH:	10'-0"	DATE	NAME	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX HEIGHT:	14'-0"	DRAWN	8-23-16	GAC
		MAX SECTION HEIGHT: 28"	CHECKED	8-23-16	DK	
MODELS 300-309/5800					SHEET 1 OF 2	
WINDLOAD SPECIFICATION					DRAWING PART NO.	REV.
					411428	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

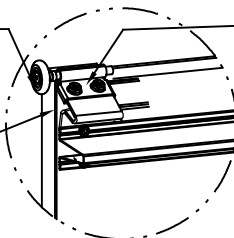


Digitally signed by John E. Scates, P.E.
Date: 2020.09.25 16:04:40 -05'00'

JOHN E. SCATES, PE
2560 King Arthur #124-53
Lewisville, TX 75056
FL PE 51737 TX PE 56308/F-2203

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



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

14 GA HINGE BASE
FACTORY ATTACHED
TO DOOR WITH (5)
1/4-14x5/8"
CRIMPTITE SCREWS

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)

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

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

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

AFTER U-BAR INSTALLATION

AFTER U-BAR INSTALLATION

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

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

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

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

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

(3) SECTION DOORS
WITH (3) 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, AT ALL INTERMEDIATE HINGE LOCATIONS (OR IN LINE WITH INTERMEDIATE HINGE LOCATIONS IF U-BAR IS NOT LOCATED AT A HINGE), AND MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS (MINIMUM OF (10) FASTENERS EACH U-BAR). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-1x5/8" CRIMPITTE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS. ▾



A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, a single star below the number, and "STATE OF FLORIDA" at the bottom. The entire seal is surrounded by a series of short, parallel black lines.

JOHN E. SCATES, PE
2560 King Arthur #124-53
Lewisville, TX 75056
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[The Genuine. The Original.]



Lewisville, TX

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +19.20/-22.00		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			
				DRAWING PART NO. 411428			
WINDLOAD SPECIFICATION				REV. B			