

**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.

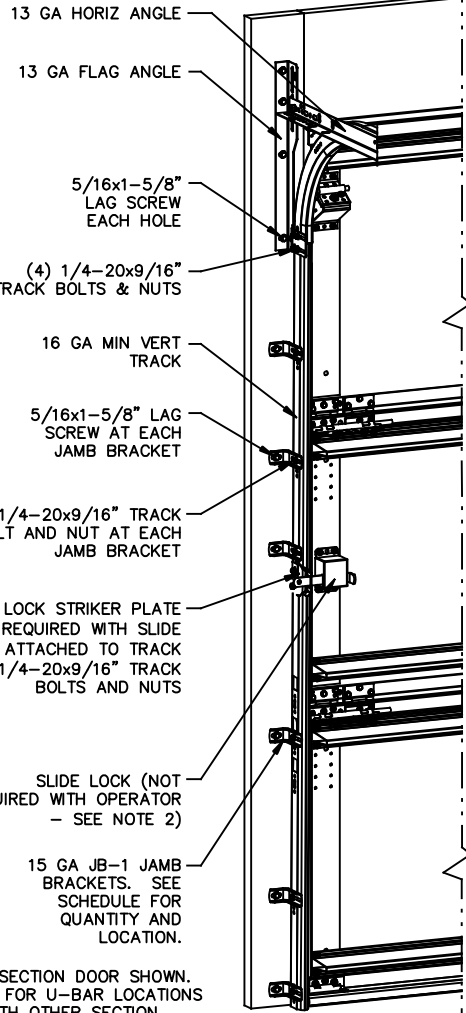
3. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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



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)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	2", 10", 26", 42", 53", 63"
8'-0"	4	8	2", 10", 26", 39", 48", 57", 66", 75"
> 8'-0"			SEE NOTE BELOW

NOTE: ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

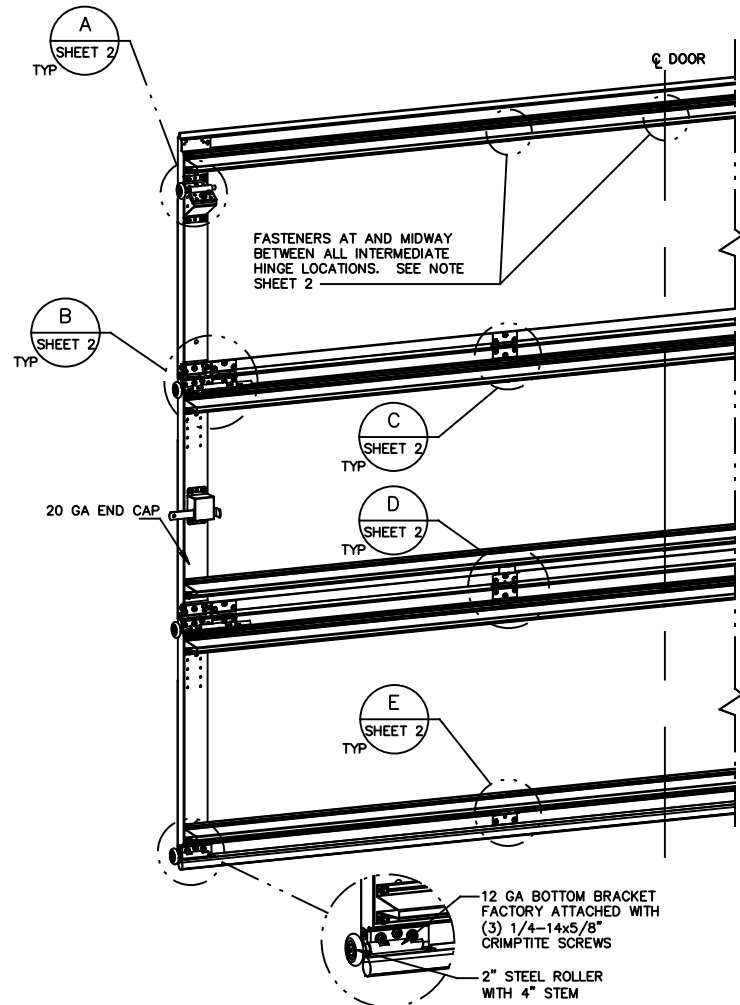
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+156.0/-179.0

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



Lewisville, TX

REVISIONS  
P00 CREATED NEW DRAWING FOR WINDLOAD OPTIONS 8-23-16 GAC

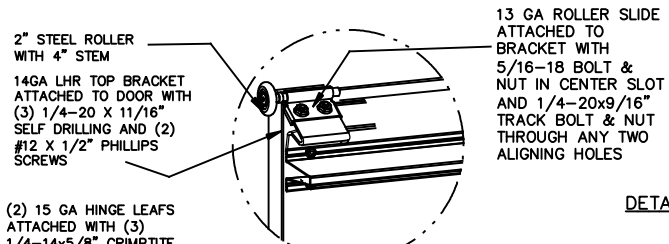


This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF):	+31.20/-35.80	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.
			411433	P00

JOHN E. SCATES, PE  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737 TX PE 56308/F-2203

LOW HEADROOM TRACK

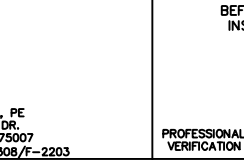
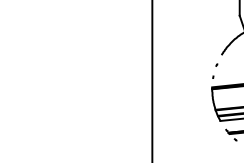
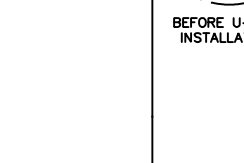
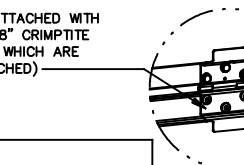
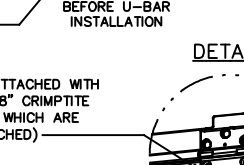
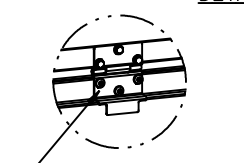
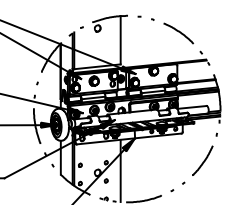
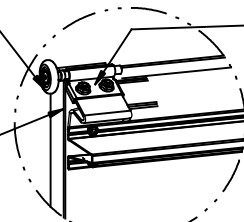


(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPITITE SCREWS EACH

14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x5/8" CRIMPITITE SCREWS  
2" STEEL ROLLER WITH 9" STEM

13 GA ROLLER CARRIERS FACTORY ATTACHED TO HINGE BASE AND REINFORCING BRACKET. (EXCEPTION: NOTE #7)  
13 GA REINFORCING BRACKET ATTACHED BENEATH HINGE BASE. (EXCEPTION: NOTE #7)

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



DETAIL A

DETAIL B

DETAIL C

DETAIL D

DETAIL E

DETAIL A

POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (3) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN (2 OF WHICH ATTACH THROUGH REINFORCING BRACKET)

POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (1) 1/4-14x5/8" CRIMPITITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE LEAF)

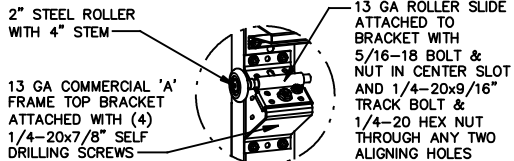
POSITION U-BAR ADJACENT TO HINGE LEAF AND ATTACH WITH (2) 1/4-14x5/8" CRIMPITITE SCREWS AS SHOWN

POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (1) 1/4-14x5/8" CRIMPITITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE LEAF)

POSITION U-BAR OVER HINGE BRACKET AND ATTACH WITH (1) 1/4-14x5/8" CRIMPITITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE BRACKET)

15 GA HINGE BRACKET ATTACHED WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS

STANDARD LIFT TRACK



U-BAR LOCATIONS (7) SECTION DOORS WITH (13) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(6) SECTION DOORS WITH (11) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

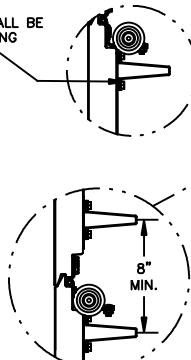
(5) SECTION DOORS WITH (9) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

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

(3) SECTION DOORS WITH (5) 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 AND AT ALL INTERMEDIATE HINGE LOCATIONS (OR IN LINE WITH INTERMEDIATE HINGE LOCATIONS IF U-BAR IS NOT LOCATED AT A HINGE). 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 AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS.

NOTE: U-BARS SHOULD BE INSTALLED LEVEL ACROSS DOOR AND MAINTAIN A MINIMUM CENTERLINE SPACING OF 6-5/8" BETWEEN U-BARS ON ADJACENT SECTIONS



REVISIONS

JOHN E. SCATES, PE  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL. PE 51737 TX. PE 56308/F-2203

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The Genuine. The Original.



Lewisville, TX

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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MODELS 300-309/5800				SHEET 2 OF 2			
WINDLOAD SPECIFICATION				DRAWING PART NO.		REV.	
				411433		P00	