

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 BOTH SIDES.

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 SOUTHERN PINE LUMBER. 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. FOR LOW HEAD ROOM APPLICATIONS, THE UPPERMOST JAMB BRACKET IS OMITTED.

8. MAX WINDOW SIZE IS 37-1/4" x 19-1/4".125" DSB, USING 16 SCREWS IN THE FRAME.

9. 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 SCREW
EACH HOLE

(4) 1/4-20x9/16"
TRACK BOLTS & NUTS

15 GA MIN VERT
TRACK

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

1/4-20x9/16" TRACK
BOLT AND NUT AT EACH
JAMB BRACKET

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

SLIDE LOCK EACH END
(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 PAGE 2 FOR U-BAR LOCATIONS
FOR DIFFERENT SECTIONED DOORS.

| 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 |

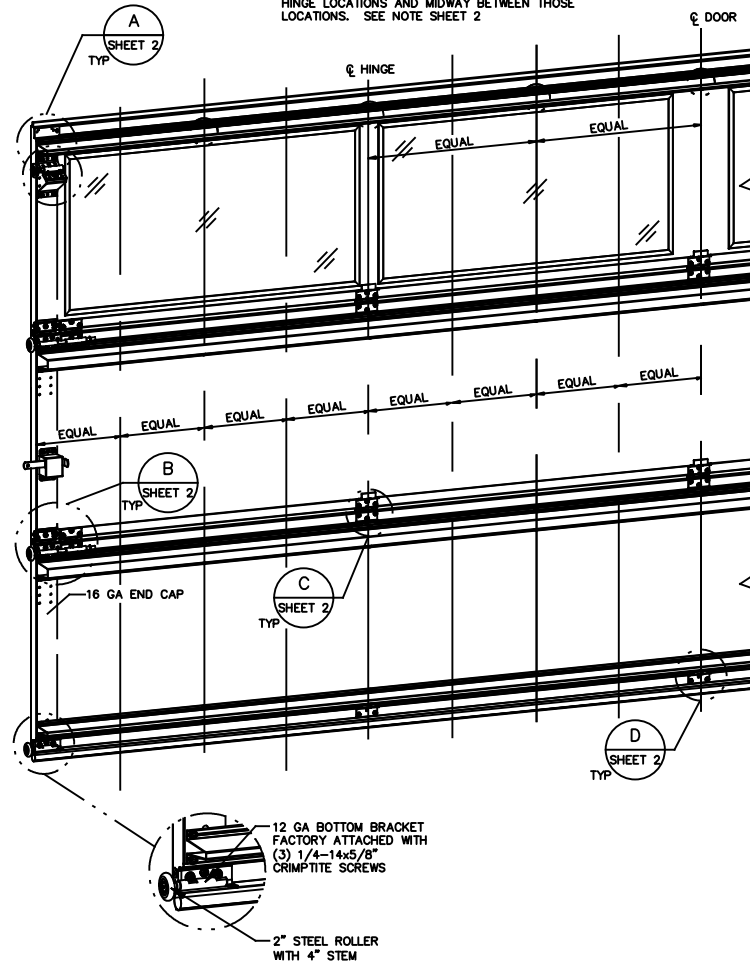
NOTE:
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

| DOOR WIDTH | DOOR HEIGHT | UNIFORM LOAD EACH JAMB (PLF) |
|------------|-------------|------------------------------|
| 16'-0" | 7'-0" | +216.0/-248.0 |
| | 8'-0" | +216.0/-248.0 |

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

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



REVISIONS

POO CREATED NEW DRAWING FOR WINDLOAD OPTIONS 8-24-16 GAC

P01 ER 31281 REV NOMENCLATURE TO 1144 GRADE STEEL ROLLER 2-3-17 GAC

This door has been tested per ANSI/DASMA 108

| STATIC PRESSURE RATINGS | | APPROVED SIZES | | SCALE: N.T.S. | | SIZE: A | |
|----------------------------------|---------------|-------------------------|---------|------------------|---------|---------|-----|
| DESIGN (PSF): | +27.00/-31.00 | MAX WIDTH: | 16'-0" | DATE | 8-24-16 | NAME | GAC |
| | | MAX HEIGHT: | 14'-0" | DRAWN | 8-24-16 | DK | |
| IMPACT/CYCLIC RATED (YES/NO): NO | | MAX SECTION HEIGHT: 28" | CHECKED | 8-24-16 | | | |
| MODELS 300-309/5800 | | | | SHEET 1 OF 2 | | | |
| WINDLOAD SPECIFICATION | | | | DRAWING PART NO. | | REV. | |
| | | | | 411447 | | P01 | |

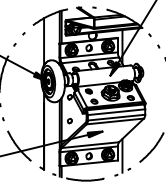
The Genuine. The Original.



Lewisville, TX

STANDARD LIFT TRACK

2" STEEL ROLLER WITH 4" STEM WITH PUSHNUT 1/2" FROM SLIDE
 13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

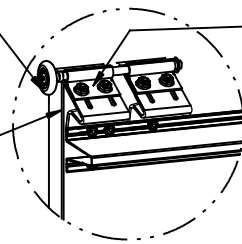


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

2" 1144 GRADE STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE

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

LOW HEADROOM TRACK



13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH (2) 1/4-20 CARRIAGE BOLTS

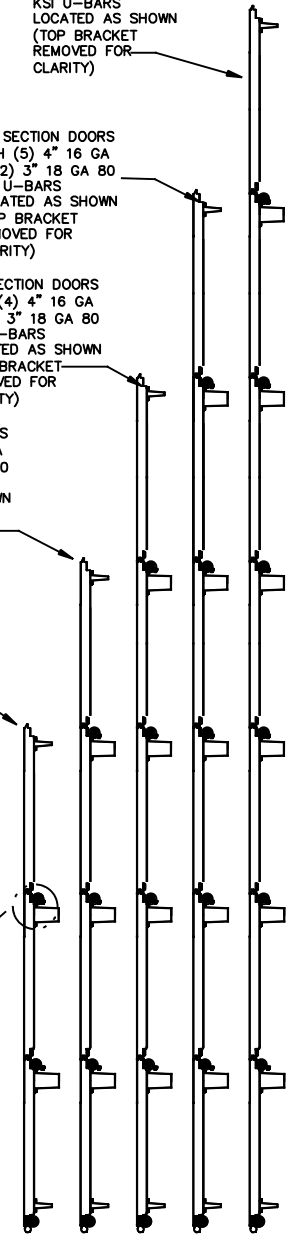
(7) SECTION DOORS WITH (6) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(6) SECTION DOORS WITH (5) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(5) SECTION DOORS WITH (4) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(4) SECTION DOORS WITH (3) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(3) SECTION DOORS WITH (2) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)



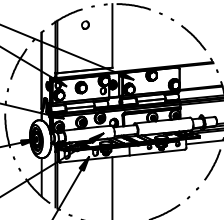
DETAIL A

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

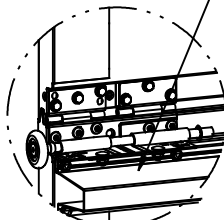
14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x5/8" CRIMPITITE SCREWS
 2" 1144 GRADE OR EQUIVALENT STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE

13 GA ROLLER CARRIERS FACTORY ATTACHED TO HINGE BASE AND REINFORCING BRACKET. (EXCEPTION: NOTE #9)

13 GA REINFORCING BRACKET ATTACHED BENEATH HINGE BASE. (EXCEPTION: NOTE #9)



BEFORE U-BAR INSTALLATION

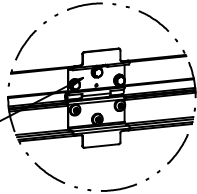


AFTER U-BAR INSTALLATION

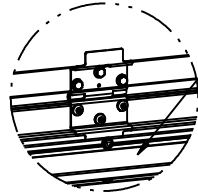
POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS PLUS (2) SCREWS BENEATH STRUT.

DETAIL B

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITITE SCREWS



BEFORE U-BAR INSTALLATION

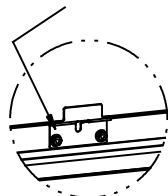


AFTER U-BAR INSTALLATION

POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN

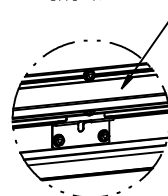
DETAIL C

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



BEFORE U-BAR INSTALLATION

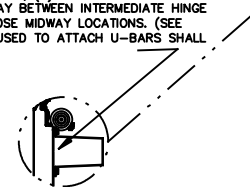
POSITION U-BAR OVER HINGE BRACKET AND ATTACH WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN



AFTER U-BAR INSTALLATION

DETAIL D

UNLESS NOTED OTHERWISE, ALL U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (4) FASTENERS AT EACH END, (2) FASTENERS AT ALL INTERMEDIATE HINGE LOCATIONS, MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN THOSE MIDWAY LOCATIONS. (SEE DIAGRAM SHEET 1). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-20x7/8" SELF DRILLING.



| | | | |
|----------------------------------|-------------------------|------------------|---------|
| STATIC PRESSURE RATINGS | APPROVED SIZES | SCALE: N.T.S. | SIZE: A |
| DESIGN (PSF): +27.00/-31.00 | MAX WIDTH: 16'-0" | DATE | NAME |
| IMPACT/CYCLIC RATED (YES/NO): NO | MAX HEIGHT: 14'-0" | DRAWN | GAC |
| | MAX SECTION HEIGHT: 28" | CHECKED | DK |
| MODELS 300-309/5800 | | SHEET 2 OF 2 | |
| WINDLOAD SPECIFICATION | | DRAWING PART NO. | REV. |
| | | 411447 | P01 |