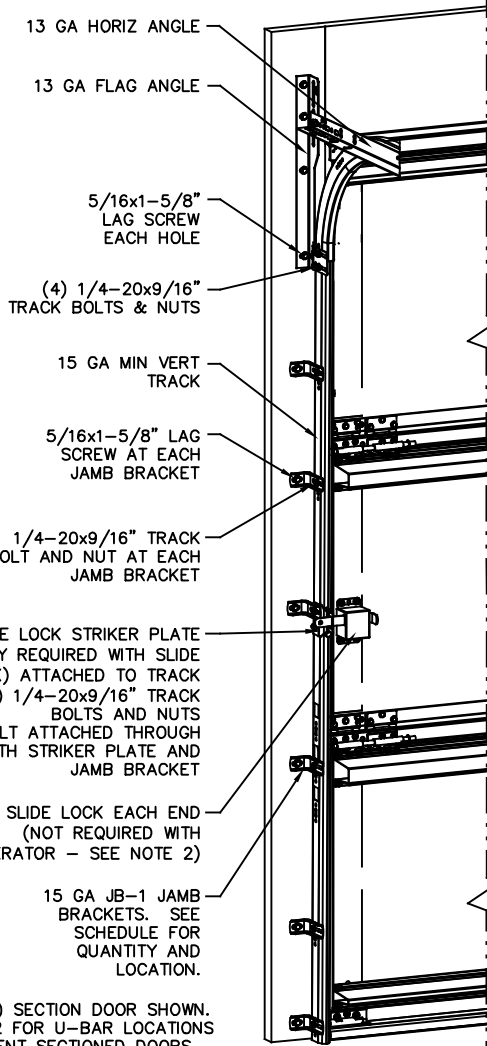


NOTES:

- 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.
- SLIDE LOCK OR OPERATOR REQUIRED. LOW HEADROOM REQUIRES A LOCK ON BOTH SIDES.
- 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.
- SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
EXTERIOR - 27 GA
INTERIOR - 30 GA
- DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
- 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.
- FOR LOW HEAD ROOM APPLICATIONS, THE UPPERMOST JAMB BRACKET IS OMITTED.
- MAX WINDOW SIZE IS 37-1/4" x 19-1/4" .125" MINIMUM GLAZING (ANNEALED) 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. SEE DETAIL E, SHEET 3.
- 11 GA ROLLER SLIDES WITH WELDED ENDS AND 11 GA REINFORCING BRACKETS REQUIRED FOR DOORS >8' TALL.



NOTE: (3) SECTION DOOR SHOWN. SEE PAGE 2 FOR U-BAR LOCATIONS FOR DIFFERENT SECTIONED DOORS.

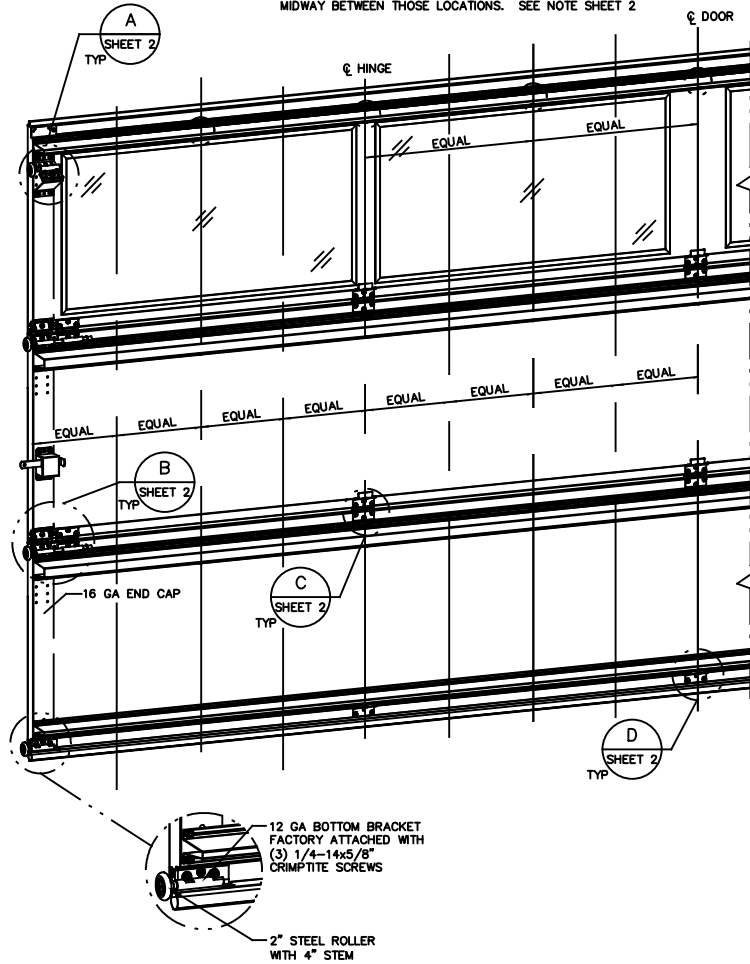
JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	2", 10", 26", 42", 53", 63"
8'-0"	4	8	2", 10", 26", 39", 48", 57", 66", 75"
> 8'-0"			SEE NOTE BELOW

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"	+184.0/-200.0
	8'-0"	+184.0/-200.0

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FASTENERS AT AND MIDWAY BETWEEN ALL INTERMEDIATE HINGE LOCATIONS FOR TOP AND BOTTOM STRUTS. INTERMEDIATE STRUTS ADD ADDITIONAL FASTENERS MIDWAY BETWEEN THOSE LOCATIONS. SEE NOTE SHEET 2



REVISIONS

- P01 CREATED NEW DRAWING FOR 4" STRUT WINDLOADS 8-22-16 GAC
- P02 ER 31281 REVISED NOMENCLATURE FOR ROLLERS TO 1144 GRADE STEEL 2-1-17 GAC
- C UPDATED PER PCR32744. UPDATED REV LEVELS TO ALPHABETICAL 12/8/21 SW

COMPLIES WITH IBC/IRC 2018

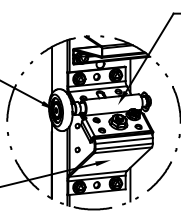
This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE	1-19-16	NAME	GAC
IMPACT/CYCLIC RATED (YES/NO): NO		MAX HEIGHT:	14'-0"	DRAWN			
		MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 9700/9510				SHEET 1 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0536				DRAWING PART NO.		REV.	
				359173		C	

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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

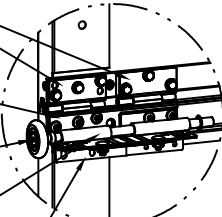


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

DETAIL A

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

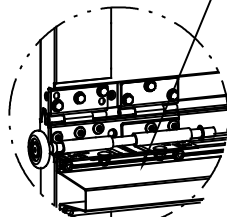
14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x5/8" CRIMP TITE SCREWS
 2" 1144 GRADE OR EQUIVALENT STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE



BEFORE U-BAR INSTALLATION

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

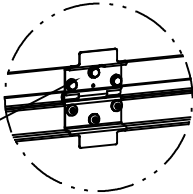
DETAIL B



AFTER U-BAR INSTALLATION

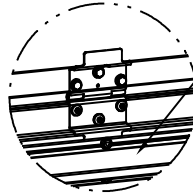
POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

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



BEFORE U-BAR INSTALLATION

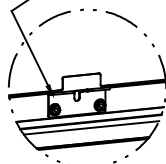
DETAIL C



AFTER U-BAR INSTALLATION

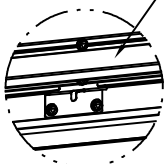
POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN

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

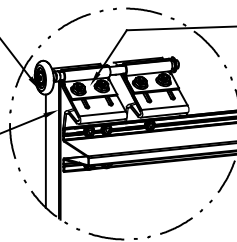


AFTER U-BAR INSTALLATION

DETAIL D

LOW HEADROOM TRACK

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

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

U-BAR LOCATIONS

(7) SECTION DOORS WITH (6) 4" 16 GA & (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

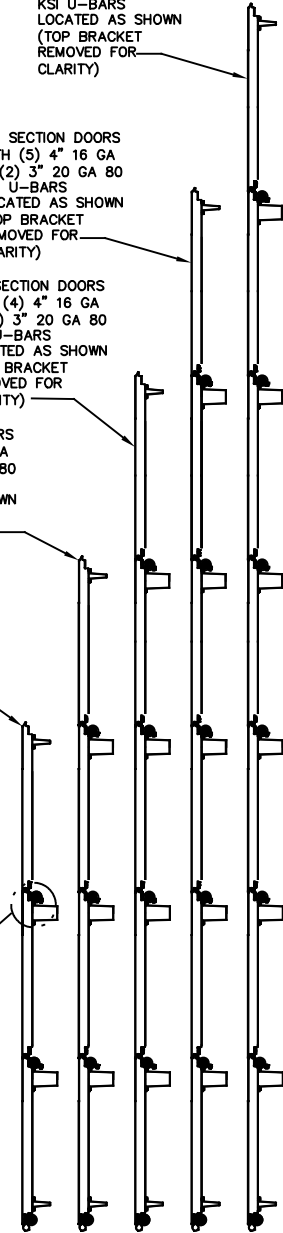
(6) SECTION DOORS WITH (5) 4" 16 GA & (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(5) SECTION DOORS WITH (4) 4" 16 GA & (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(4) SECTION DOORS WITH (3) 4" 16 GA & (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(3) SECTION DOORS WITH (2) 4" 16 GA & (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

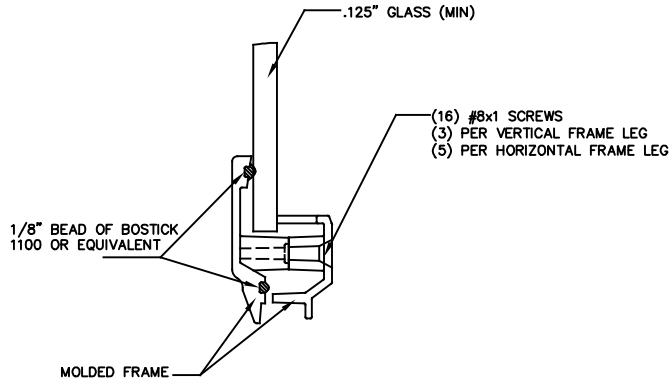
UNLESS NOTED OTHERWISE, ALL 3" U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (4) FASTENERS AT EACH END, (2) FASTENERS AT ALL INTERMEDIATE HINGE LOCATIONS AND MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS. 4" STRUTS ADD ADDITIONAL FASTENERS MIDWAY BETWEEN THOSE MIDWAY LOCATIONS. (SEE DIAGRAM SHEET 1). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-20x7/8" SELF DRILLING.



REVISIONS

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE	1-19-16	NAME	GAC
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX HEIGHT:	14'-0"	DRAWN		CHECKED	
MODELS 9700/9510				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0536				DRAWING PART NO.		REV.	
				359173		C	



NON-IMPACT PLASTIC FRAME
(STATIC RATED)

DETAIL E

JOHN E. SCATES, PE
2560 KING ARTHUR #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F-2203

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE	1-19-16	NAME	GAC
IMPACT/CYCLIC RATED (YES/NO): NO		MAX HEIGHT:	14'-0"	DRAWN			
		MAX SECTION HEIGHT: 28"	CHECKED				
MODELS 9700/9510						SHEET 3 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0536						DRAWING PART NO.	REV.
						359173	C