

**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 SOUTHER 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.

- 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.

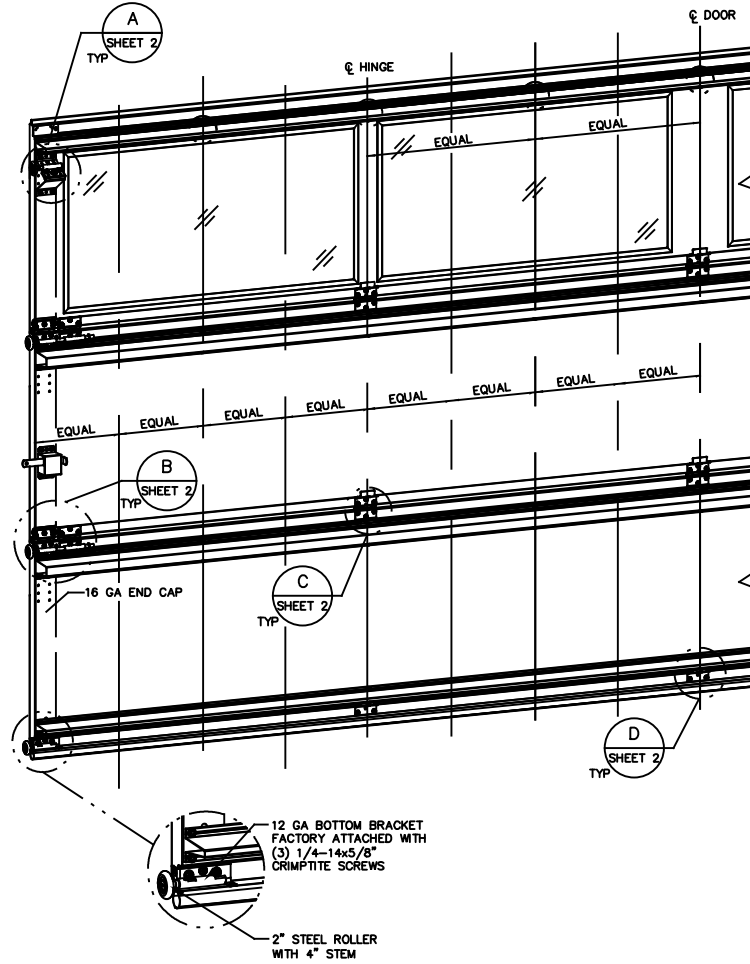
JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	2", 10", 26", 42", 53", 63"
8'-0"	4	8	2", 10", 26", 39", 48", 57", 66", 75"
> 8'-0"			SEE NOTE BELOW

**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"	+240.0/-268.0
	8'-0"	+240.0/-268.0

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**

P01 CREATED NEW DRAWING FOR 4" STRUT WINDLOADS 8-22-16 GAC

P02 ER 31281 REV NOMENCLATURE TO 1144 GRADE STEEL ROLLER 2-3-17 GAC

C UPDATED PER PCR32744. UPDATED REV LEVELS TO ALPHABETICAL 12/8/21 SW

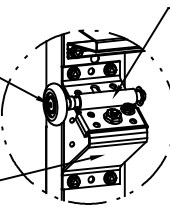
JOHN E. SCATES, PE  
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**Wayne Dalton**  
A DIVISION OF OVERHEAD DOOR CORP  
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(850) 474-9890

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): +30.00/-33.50	MAX WIDTH: 16'-0"	DATE	NAME
	MAX HEIGHT: 14'-0"	DRAWN	GAC
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 28"	CHECKED	
MODELS 9700/9510		SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0539		DRAWING PART NO.	REV.
		359176	C

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

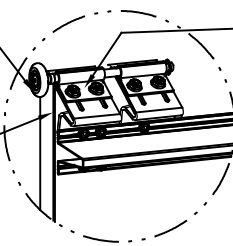


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

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

LOW HEADROOM TRACK

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

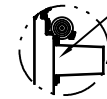
(7) SECTION DOORS WITH (6) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(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)



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.

DETAIL A

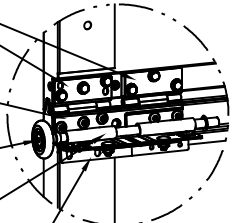
(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPTITE SCREWS EACH

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

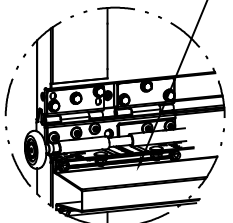
2" 1144 GRADE OR EQUIVALENT STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE

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

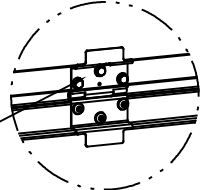


AFTER U-BAR INSTALLATION

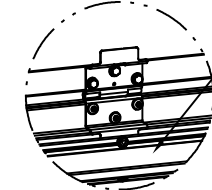
POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

DETAIL B

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



BEFORE U-BAR INSTALLATION

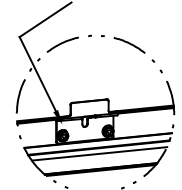


AFTER U-BAR INSTALLATION

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

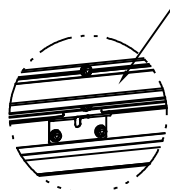
DETAIL C

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



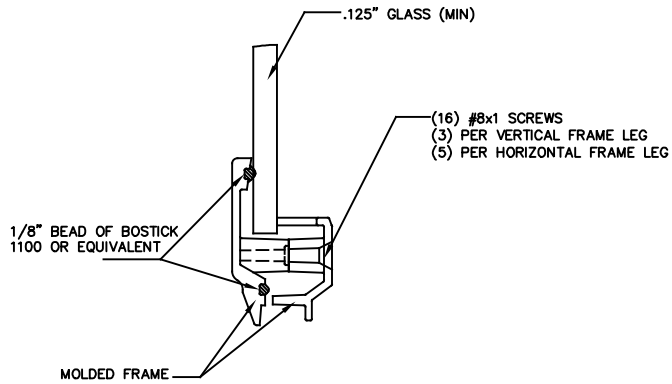
AFTER U-BAR INSTALLATION

DETAIL D



A DIVISION OF OVERHEAD DOOR CORP  
 3395 ADDISON DRIVE  
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 (850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+30.00/-33.50	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 0539				DRAWING PART NO.		REV.	
				359176		C	



NON-IMPACT PLASTIC FRAME  
(STATIC RATED)

DETAIL E

JOHN E. SCATES, PE  
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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):	+30.00/-33.50	MAX WIDTH:	16'-0"		DATE		NAME
		MAX HEIGHT:	14'-0"	DRAWN	1-19-16		GAC
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"	CHECKED				
MODELS 9700/9510						SHEET 3 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0539						DRAWING PART NO. 359176	REV. C