

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. TRACK MOUNTING SURFACE TO BE MINIMUM SOUTHERN PINE STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT OF A 2X6 TO THE BUILDING JAMBS, IF NEEDED.

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.

13 GA FLAG ANGLE

5/16x1-5/8"
LAG SCREW
EACH HOLE

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

16 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 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.

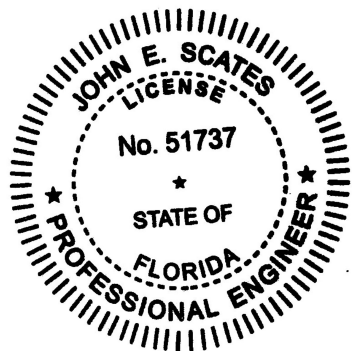
JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS $\pm 2"$)
7'-0"	3	3	3.5", 24", 53"
8'-0"	4	4	2", 26", 48", 75"
> 8'-0"			SEE NOTE BELOW

NOTE:

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

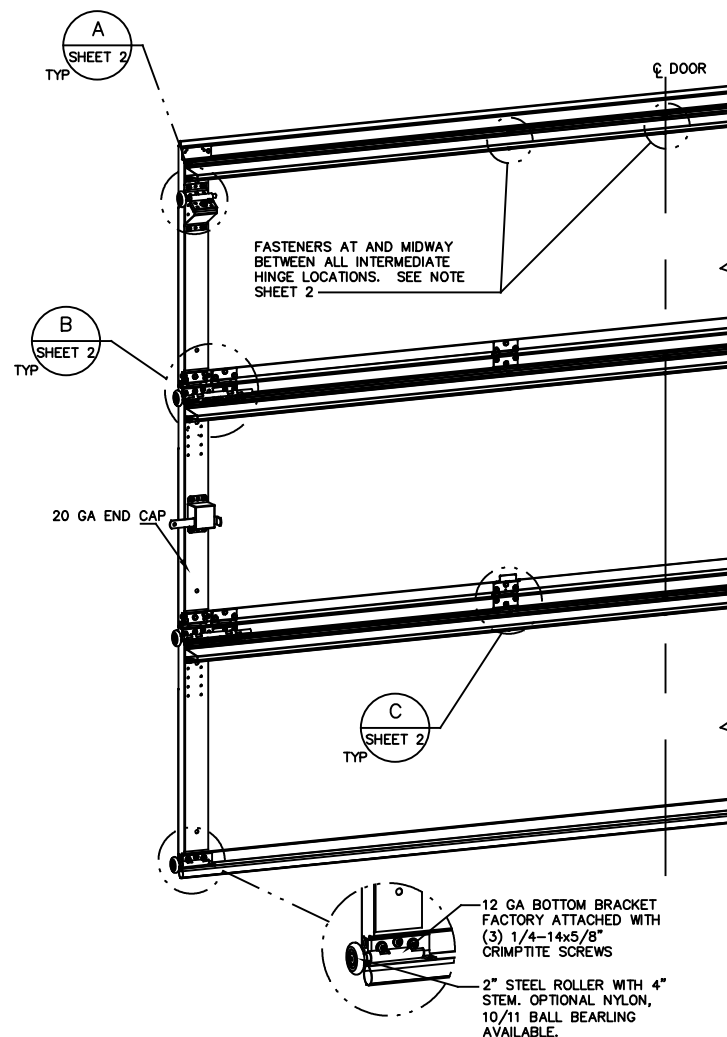
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+114.5/-131.5

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



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 15:13:36 -05'00'

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



This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +22.90/-26.30		MAX WIDTH: 10'-0"		DATE		NAME	
		MAX HEIGHT: 14'-0"		DRAWN 1/16/06		GRT	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED 2/10/06		MRB	
MODELS 9700/9510				SHEET 1 OF 2			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0514				313627		G	

	REVISIONS
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D CHANGES MADE
PER ETC
LABORATORIES
TESTING AND
CHANGES TO
GENERAL FORMAT
1/16/06 GRT

E UPDATED TITLE
BLOCK
4/15/13 GRT

F UPDATED DUE TO
TESTING AND
CHANGES TO
GENERAL FORMAT
8-19-16 GAC

G UPDATED ADDING
NYLON ROLLER PCR
32442 8-5-20 JQ

STANDARD LIFT TRACK

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

13 GA REINFORCING BRACKET
ATTACHED BENEATH HINGE BASE.
(EXCEPTION: NOTE #7)

2" STEEL ROLLER WITH 9"
LONG STEM. OPTIONAL
NYLON, 10/11 BALL _____
BEARLING AVAILABLE.

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

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

DETAIL A

2" STEEL ROLLER WITH 4"
STEM. OPTIONAL NYLON,—
10/11 BALL BEARING
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 &
1/4-20 HEX NUT
THROUGH ANY TWO
ALIGNING HOLES

- POSITION U-BAR AND
ATTACH WITH (3)
1/4-20x7/8" SELF
DRILLING SCREWS AS
SHOWN

BEFORE U-BAR

AFTER U-BAR
INSTALLATION

DETAIL B

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

BEFORE U-BAR
INSTALLATION

AFTER U-BAR
INSTALLATION

DETAIL C

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"-14X5/8" CRIMPITE SCREWS. INTERMEDIATE 1/4"-14X5/8" CRIMPITE SCREWS SHALL BE USED AT END CAPS AND WHERE PASSING THROUGH HINGE LEAFS OR BRACKETS. -7

U-BAR LOCATIONS

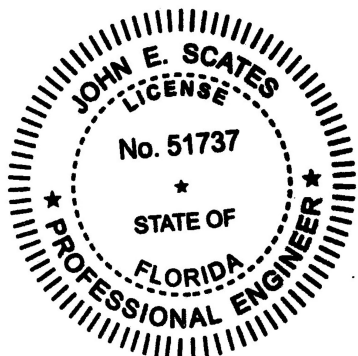
NS (7) SECTION DOORS
WITH (7) 3" 20 GA
80 KSI U-BARS
LOCATED AS SHOWN
(TOP BRACKET
REMOVED FOR
CLARITY)

(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) 



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A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

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