

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. 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. GLAZING OPTIONS - .125" MINIMUM TEMPERED GLAZING 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. MAX CLEAR OPENING 49-1/4" X 19-1/4".

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

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

5/16x1-5/8"
LAG SCREWS (MIN
3 AS SHOWN)

16 GA MIN VERT
TRACK

5/16x1-5/8" LAG
SCREW 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)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	2	FAT	13" (JB), 45" (JB)
8'-0"	4	3	FAT	10" (JB), 48" (JB), 66" (JB)
> 8'-0"				SEE NOTE BELOW

NOTE:

(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
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	+64.0/-74.0

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**Wayne
Dalton**

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

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

A
SHEET 2
TYP

B
SHEET 2
TYP

C
SHEET 2
TYP

20 GA END CAP

12 GA BOTTOM BRACKET
FACTORY ATTACHED WITH
(3) 1/4-14x5/8"
CRIMPITE SCREWS

2" STEEL ROLLER WITH 4"
STEM. OPTIONAL NYLON,
10/11 BALL BEARING
AVAILABLE.

REVISIONS

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

F UPDATED TITLE
BLOCK
4/15/13 GRT

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

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

This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+12.80/-14.80	MAX WIDTH:	10'-0"	DATE		NAME	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX HEIGHT:	14'-0"	DRAWN	1/16/06	GRT	
		MAX SECTION HEIGHT: 28"	CHECKED	2/10/06	MRB		

MODELS 9700/9510

SHEET 1 OF 2

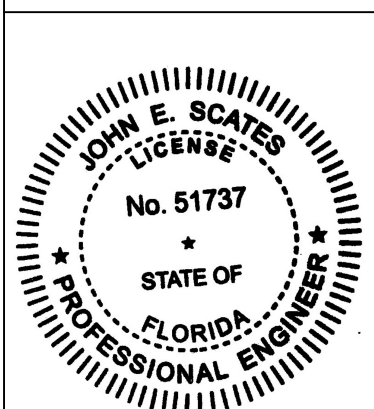
WINDLOAD SPECIFICATION OPTION CODE 0511

DRAWING PART NO.

313634

REV.

H



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 15:16:55 -05'00'

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

2" STEEL ROLLER WITH 4
STEM. OPTIONAL NYLON,
10/11 BALL BEARING
AVAILABLE.

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

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

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

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

2" STEEL ROLLER WITH 9"
STEM. OPTIONAL NYLON,
10/11 BALL BEARING —
AVAILABLE.

13 GA ROLLER CARRIERS
FACTORY ATTACHED TO HINGE
BASE. (EXCEPTION: NOTE #8)—

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" STEEL ROLLER WITH
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 & NUT
THROUGH ANY TWO
ALIGNING HOLES

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

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

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

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

(3) SECTION DOORS
WITH (2) 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, 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 1/4-1x5/8" CRIMPITE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS. ▾

DETAIL A

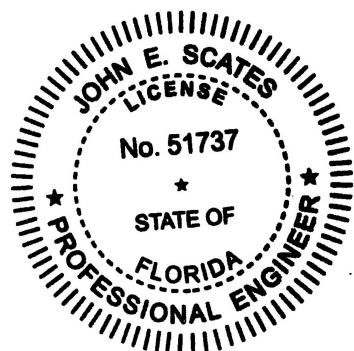
- POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (1) 1/4-14x5/8" CRIMPTITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE LEAF)

AFTER U-BAR
INSTALLATION

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

DETAIL B

DETAIL C



JOHN E. SCATES, PE
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		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 2 OF 2			
				DRAWING PART NO. 313634		REV. H	
WINDLOAD SPECIFICATION OPTION CODE 0511							