

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 43-1/4" X 19-1/4".
8. 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 & NUTS16 GA MIN VERT
TRACK5/16x1-5/8" LAG
SCREW AT EACH
JAMB BRACKET1/4-20x9/16" TRACK
BOLT AND NUT AT EACH
JAMB BRACKETSECURE 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 ± 2")
7'-0"	3	3	2", 26", 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)
9'-0"	ALL	+121.1/-138.6
8'-0"	ALL	+107.6/-123.2

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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

A
SHEET 2
TYPB
SHEET 2
TYPC
SHEET 2
TYPD
SHEET 2
TYP

20 GA END CAP

2" STEEL ROLLER WITH 4"
STEM. OPTIONAL NYLON, 10/11
BALL BEARING AVAILABLE.12 GA BOTTOM BRACKET
FACTORY ATTACHED WITH
(3) 1/4-14x5/8"
CRIMPTITE SCREWS

This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+26.90/-30.80	MAX WIDTH:	9'-0"	DATE	1/12/06	NAME	GRT
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX HEIGHT:	14'-0"	DRAWN	2/10/06	REV.	MRB
MAX SECTION HEIGHT: 28'				CHECKED	2/10/06		
MODELS 9700/9510						SHEET 1 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 0505						DRAWING PART NO.	REV.
						313613	G

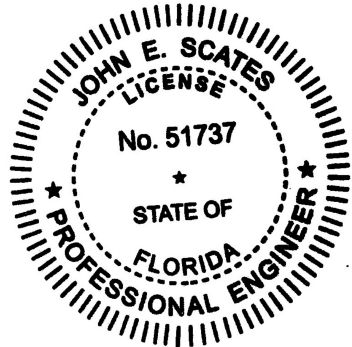
REVISIONS

D CHANGES MADE
PER ETC
LABORATORIES
TESTING AND
CHANGES TO
GENERAL FORMAT
1/11/06 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



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 15:49:29 -05'00'

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



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

STANDARD LIFT TRACK

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 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 & NUT
THROUGH ANY TWO
ALIGNING HOLES

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

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

13 GA REINFORCING BRACKET
ATTACHED BENEATH HINGE BASE.
(EXCEPTION: NOTE #8) _____

BEFORE U-BAR
INSTALLATION

AFTER U-BAR
INSTALLATION

POSITION U-BAR OVER
REINFORCING BRACKET
AND ATTACH WITH (3)
1/4-20x7/8" SELF
DRILLING SCREWS AS
SHOWN (2 OF WHICH
ATTACH THROUGH
REINFORCING BRACKET)

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)

AFTER U-BAR
INSTALLATION

N U-BAR OVER
BRACKET AND
WITH (1)
x5/8" CRIMPTITE
AND (1)
x7/8" SELF
G SCREW AS
(SELF DRILLING
ATTACHES
SH HINGE
(T)

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

BEFORE U-BAR
INSTALLATION

BEFORE U-BAR
INSTALLATION

AFTER U-BAR
INSTALLATION

DETAIL D

U-BAR LOCATIONS (7) SECTION DOORS
WITH (8) 3" 20 GA
80 KSI U-BARS
LOCATED AS SHOWN
(TOP BRACKET
REMOVED FOR
CLARITY)

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

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

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

(3) SECTION DOORS
WITH (4) 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. ▾

A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The entire seal is surrounded by a series of vertical lines of varying heights.

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

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Wayne® Dalton

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +26.90/-30.80		MAX WIDTH: 9'-0"		DATE		NAME	
		MAX HEIGHT: 14'-0"		DRAWN 1/12/06		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. 313613		REV. G	
WINDLOAD SPECIFICATION OPTION CODE 0505							