

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. 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

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
(ONLY REQUIRED WITH SLIDE
LOCK) ATTACHED TO TRACK
WITH (2) 1/4-20x9/16" TRACK
BOLTS AND NUTS

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	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)
10'-0"	ALL	+156.0/-179.0

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

**Wayne
Dalton**

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

A
SHEET 2
TYP

B
SHEET 2
TYP

C
SHEET 2
TYP

D
SHEET 2
TYP

E
SHEET 2
TYP

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

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.

This door has been tested per ANSI/DASMA 108

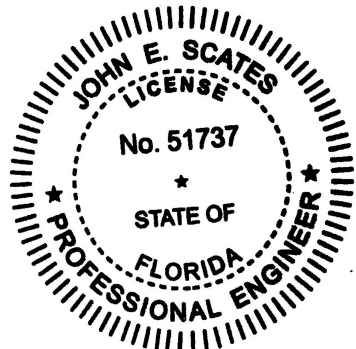
REVISIONS

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
8-22-16 GAC

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



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 15:01:18 -05'00'

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

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+31.20/-35.80	MAX WIDTH:	10'-0"	DATE	1/16/06	NAME	GRT
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX HEIGHT:	14'-0"	DRAWN	2/10/06	MRB	
MODELS 9700/9510				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0518				DRAWING PART NO.		REV.	
				313614		G	

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 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

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" STEEL ROLLER WITH 9" STEM.
OPTIONAL NYLON, 10/11 BALL
BEARING AVAILABLE.
13 GA ROLLER CARRIERS
FACTORY ATTACHED TO
HINGE BASE AND
REINFORCING BRACKET.
(EXCEPTION: NOTE #7)
13 GA REINFORCING BRACKET
ATTACHED BENEATH HINGE BASE.
(EXCEPTION: NOTE #7)

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

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

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)

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)

— POSITION U-BAR
ADJACENT TO HINGE
LEAF AND ATTACH WITH
(2) 1/4-14x5/8"
CRIMPTITE SCREWS AS
SHOWN

- 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**

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

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

**BEFORE U-BAR
INSTALLATION**

**AFTER U-BAR
INSTALLATION**

DETAIL E

U-BAR LOCATIONS

NS (7) SECTION DOORS
WITH (13) 3" 20 GA
80 KSI U-BARS
LOCATED AS SHOWN
(TOP BRACKET
REMOVED FOR
CLARITY) —

(6) SECTION DOORS
WITH (11) 3" 20 GA
80 KSI U-BARS
LOCATED AS SHOWN
(TOP BRACKET
REMOVED FOR
CLARITY)_____

(5) SECTION DOORS
WITH (9) 3" 20 GA
80 KSI U-BARS
LOCATED AS SHOWN
(TOP BRACKET
REMOVED FOR
CLARITY) _____

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

(3) SECTION DOORS WITH (5)
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 AND AT ALL INTERMEDIATE HINGE LOCATIONS (OR IN LINE WITH INTERMEDIATE HINGE LOCATIONS IF U-BAR IS NOT LOCATED AT A HINGE). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-14x5/8" CRIMP TIE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS.

NOTE: U-BARS SHOULD BE INSTALLED LEVEL ACROSS DOOR AND MAINTAIN A MINIMUM CENTERLINE SPACING OF 6-5/8" BETWEEN U-BARS ON ADJACENT SECTIONS

8th
MIN.

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, a single star below the number, and "STATE OF FLORIDA" at the bottom. The entire seal is surrounded by a series of short, parallel lines.

JOHN E. SCATES, PE
2560 KING ARTHUR #124-54
LEWISVILLE, TX 75056
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +31.20/-35.80		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 2 OF 2			
				DRAWING PART NO. REV.			
WINDLOAD SPECIFICATION OPTION CODE 0518				313614 G			