

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 SCREWS
(MIN 3 AS SHOWN)

16 GA MIN VERT
TRACK

5/16x1-5/8" LAG
SCREW AT EACH
JAMB BRACKET

1/4-20x9/16" TRACK
BOLT AND 1/4-20 HEX
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)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	2	FAT	10" (JB), 48" (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.

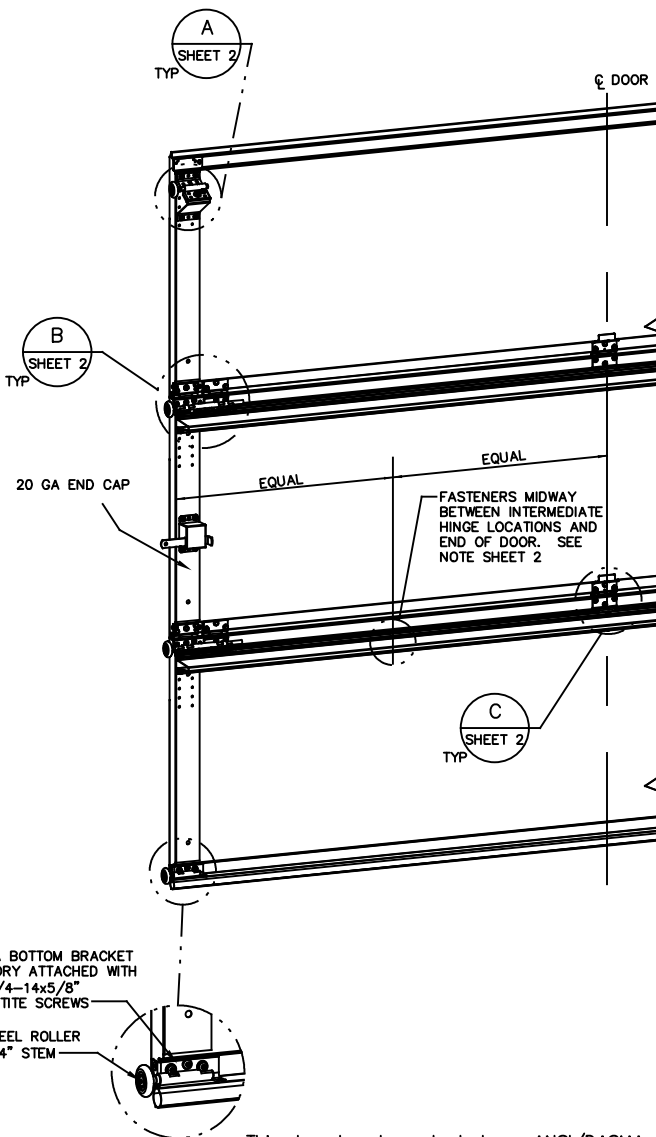
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
9'-0"	ALL	+103.1/-118.4
8'-0"	ALL	+91.6/-105.2

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR
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**Wayne
Dalton**

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



This door has been tested per ANSI/DASMA 108

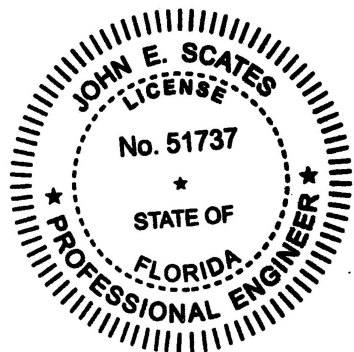
REVISIONS

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

F UPDATED TITLE
BLOCK
4/15/13 GRT

G UPDATED AS PER
TESTING AND
CHANGES TO
GENERAL FORMAT
8-19-16 GAC

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



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 15:52:36 -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):	+22.90/-26.30	MAX WIDTH:	9'-0"	DATE	1/11/06	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 0502				DRAWING PART NO.		REV.	
				313585		H	

LOW HEADROOM TRACK

STANDARD LIFT TRACK

U-BAR LOCATIONS

REVISIONS

2" STEEL ROLLER
WITH 4" STEM

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
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

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

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

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

(5) SECTION DOORS
WITH (4) 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)

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

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

2" STEEL ROLLER
WITH 9" STEM

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)

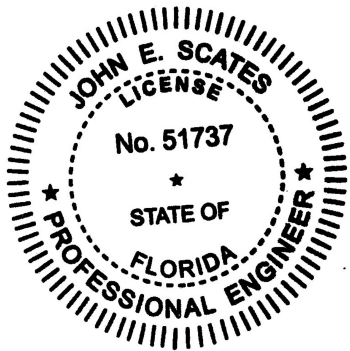
POSITION U-BAR OVER
REINFORCING BRACKET
AND ATTACH WITH (3)
1/4-20x7/8" SELF
DRILLING SCREWS AS
SHOWN (2 OF WHICH
ATTACH THROUGH
REINFORCING BRACKET)

DETAIL B

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

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

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 EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS
SHALL BE USED AT END CAPS AND WHERE FASTENING
THROUGH HINGE LEAFS OR BRACKETS.



BEFORE U-BAR
INSTALLATION

AFTER U-BAR
INSTALLATION

DETAIL C

Wayne Dalton

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		MAX SECTION HEIGHT: 28"	CHECKED	SHEET 2 OF 2			
MODELS 9700/9510					DRAWING PART NO.	313585	H
WINDLOAD SPECIFICATION OPTION CODE 0502							

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