

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 37-1/4" 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 SCREWS (MIN
3 AS SHOWN)

15 GA MIN VERT
TRACK

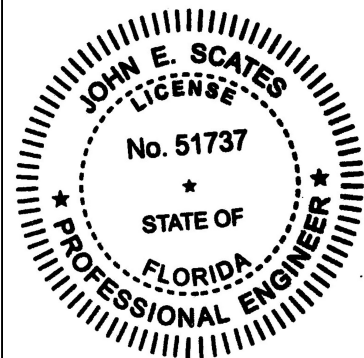
5/16x1-5/8"
LAG SCREW AT EACH
JAMB BRACKET

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

SLIDE LOCK BOTH SIDES
(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.



Digitally signed by John E. Scates, P.E.
Date: 2020.08.11 14:58:33 -05'00'

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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), 47.5" (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.

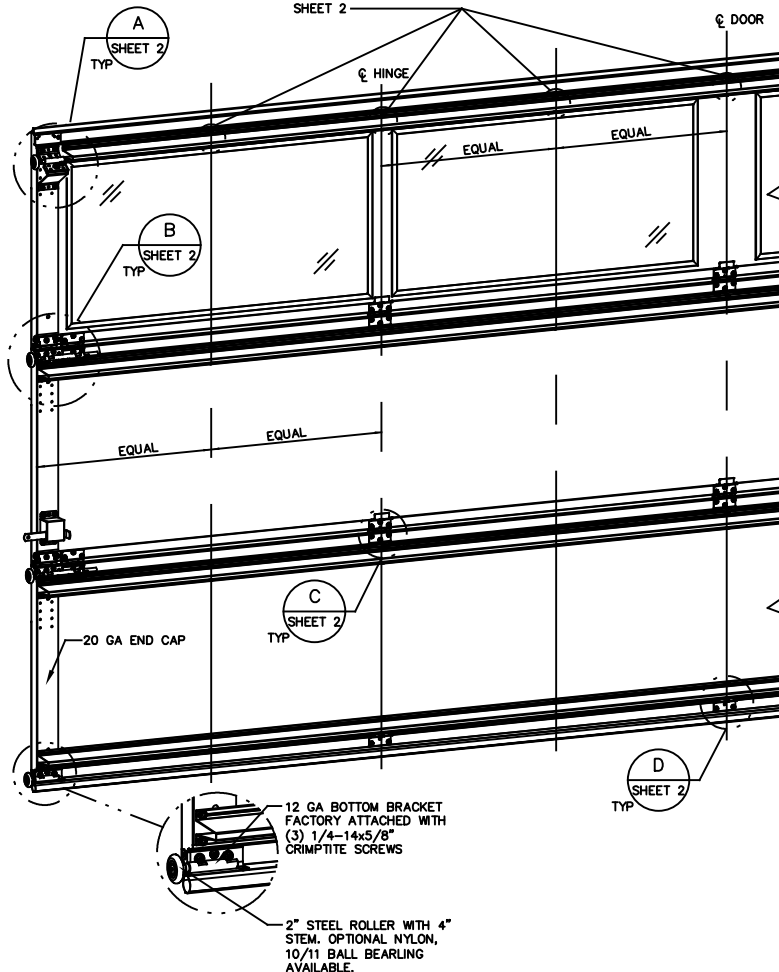
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+99.2/-110.4

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Wayne Dalton

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



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

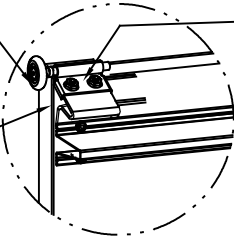
- E CHANGES MADE PER ETC LABORATORIES TESTING AND CHANGES TO GENERAL FORMAT 1/16/06 GRT
- F UPDATED TITLE BLOCK 4/15/13 GRT
- G UPDATED DUE TO TESTING AND CHANGES TO THE GENERAL FORMAT 8-22-16 GAC
- H UPDATED ADDING NYLON ROLLER PCR 32442 8-5-20 JQ

This door has been tested per ANSI/DASMA 108

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+12.40/-13.80	MAX WIDTH:	16'-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 0520				DRAWING PART NO.		REV.	
				313621		H	

LOW HEADROOM TRACK

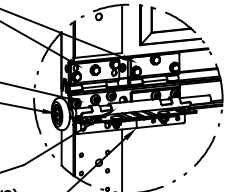
2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON, 10/11 BALL BEARING AVAILABLE.
14GA LHR TOP BRACKET ATTACHED TO DOOR WITH (3) 1/4-20 X 11/16" SELF DRILLING AND (2) #12 X 1/2" PHILLIPS SCREWS



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



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

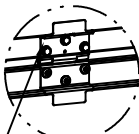
2" STEEL ROLLER WITH 9" STEM. OPTIONAL NYLON, 10/11 BALL BEARING AVAILABLE.

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

BEFORE U-BAR INSTALLATION

DETAIL B

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



BEFORE U-BAR INSTALLATION

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



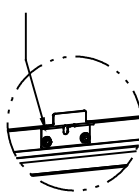
AFTER U-BAR INSTALLATION

DETAIL C

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

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

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



BEFORE U-BAR INSTALLATION

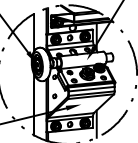


AFTER U-BAR INSTALLATION

DETAIL D

STANDARD LIFT TRACK

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

U-BAR LOCATIONS

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

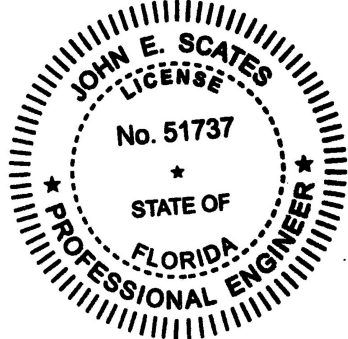
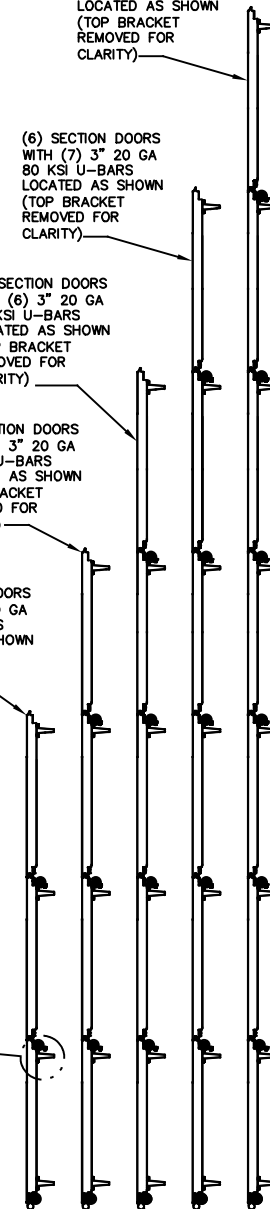
(6) SECTION DOORS WITH (7) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(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 1/4-14x5/8" CRIMPITITE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS.



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IMPACT/CYCLIC RATED (YES/NO):	NO	MAX HEIGHT:	14'-0"	DRAWN	2/10/06	MRB	
MODELS 9700/9510				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0520				DRAWING PART NO.		REV.	
				313621		H	