

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +31.20/-35.80		MAX WIDTH: 9'-0"		DATE		NAME	
F		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 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0507				DRAWING PART NO.		REV.	
				313633		G	

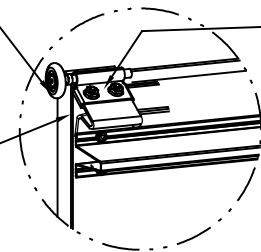
LOW HEADROOM TRACK

STANDARD LIFT TRACK

U-BAR LOCATIONS

REVISIONS

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



(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

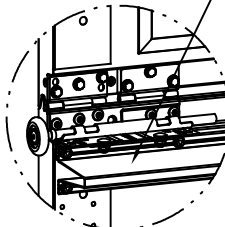
13 GA REINFORCING BRACKET ATTACHED BENEATH HINGE BASE. (EXCEPTION: NOTE #8)

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)

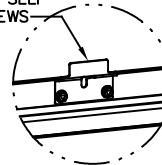
BEFORE U-BAR INSTALLATION

DETAIL A

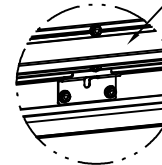


POSITION U-BAR AND ATTACH WITH (3) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN

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



BEFORE U-BAR INSTALLATION



AFTER U-BAR INSTALLATION

POSITION U-BAR OVER HINGE BRACKET 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 BRACKET)

(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)

DETAIL B

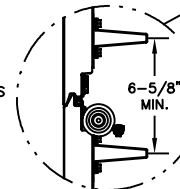
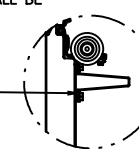


AFTER U-BAR INSTALLATION

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)

DETAIL E

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" CRIMPITE 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

6-5/8" MIN.

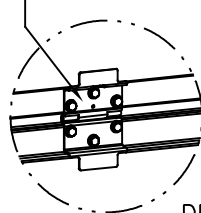
15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITE SCREWS

BEFORE U-BAR INSTALLATION

DETAIL C

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

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITE SCREWS



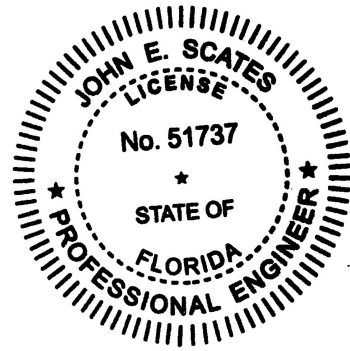
BEFORE U-BAR INSTALLATION

DETAIL D



AFTER U-BAR INSTALLATION

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)



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



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MODELS 9700/9510				SHEET 2 OF 2			
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