

NOTES:

1. GLAZING OPTIONS - .125" MINIMUM DSB 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.

2. 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.

3. SLIDE LOCK OR OPERATOR REQUIRED.

4. 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.

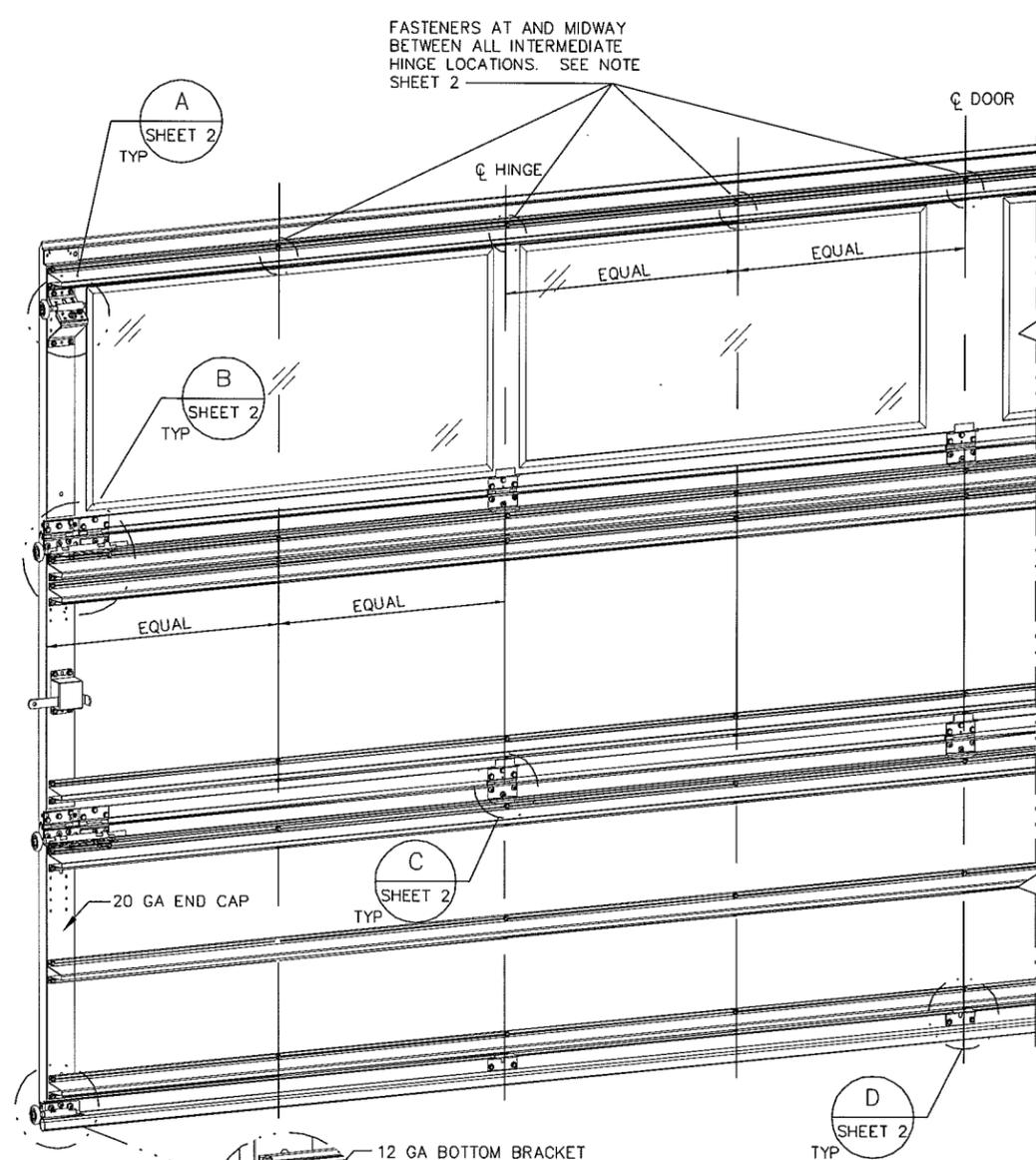
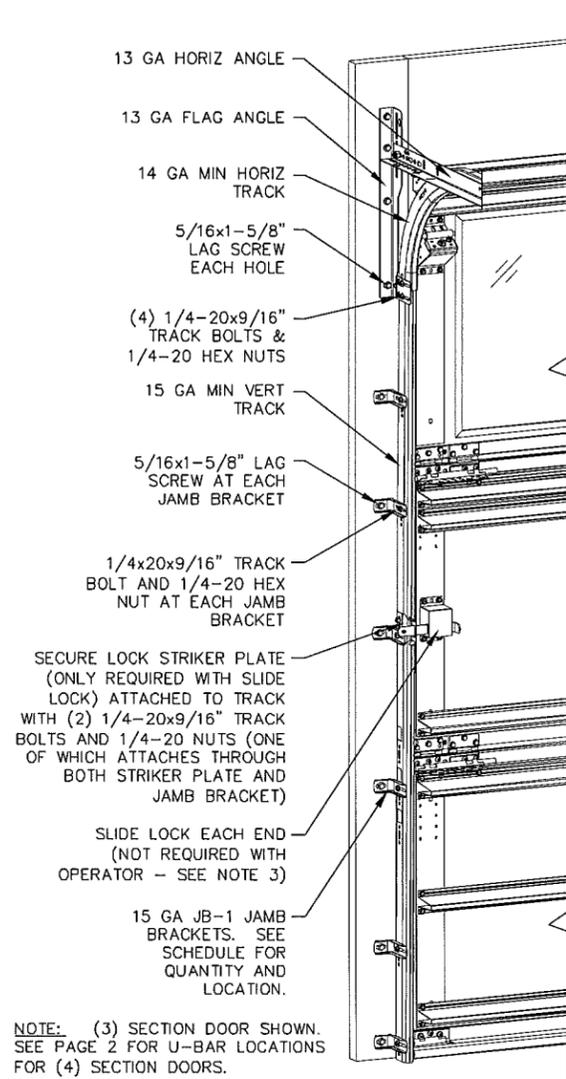
5. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
EXTERIOR - 27 GA
INTERIOR - 30 GA

6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

7. END CAPS ON TOP AND BOTTOM SECTIONS SHALL BE FACTORY ADHERED TO SECTION WITH SILAPRENE 6324 OR SILAPRENE M6344 ADHESIVE OR EQUAL. ADHESIVE SHALL BE APPLIED WITH (3) EQUALLY SPACED 3/16" WIDE BEADS FOR FULL HEIGHT OF END CAP.

8. 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 SHEET 2.

9. SECTIONS SHALL HAVE A 20 GA BACKUP PLATE ACROSS THE TOP OF EACH SECTION.



REVISIONS

P3 CHANGES MADE PER ETC LABORATORIES TESTING AND CHANGES TO GENERAL FORMAT 1/17/06 GRT
P4 UPDATED TITLE BLOCK 4/15/13 GRT

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"

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	7'-0"	+184.0/-200.0
	8'-0"	+184.0/-200.0

John E. Scates
6/28/13

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

Wayne Dalton
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3395 ADDISON DRIVE
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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF): +23.00/-25.00	MAX WIDTH: 16'-0"	DATE	NAME
TEST (PSF): +34.50/-37.50	MAX HEIGHT: 8'-0"	DRAWN 1/17/06	GRT
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 28"	CHECKED 2/10/06	MRB
MODELS 9550/9700		SHEET 1 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 0529		DRAWING PART NO. 318950	REV. P4

2" STEEL ROLLER WITH 4" STEM

13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

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

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

2" STEEL ROLLER WITH 9" STEM

13 GA ROLLER SLIDE FACTORY RIVETED TO HINGE BASE

13 GA REINFORCING BRACKET ATTACHED TO HINGE BASE WITH (2) 1/4-20x5/8" CARRIAGE BOLTS & 1/4-20 HEX NUTS

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

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

DETAIL A

DETAIL B

DETAIL C

DETAIL D

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

POSITION TOP 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 SECOND U-BAR ADJACENT TO TOP U-BAR

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

POSITION U-BAR OVER HINGE LEAF 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 LEAF)

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)

2" STEEL ROLLER WITH 4" STEM

16 GA REINFORCEMENT BRACKET ATTACHED TO DOOR WITH (2) 1/4-20x7/8" SELF DRILLING CRIMP TITE SCREWS

LHR DETAIL

11 GA LHR 7/4 TOP BRACKET ATTACHED WITH (5) 1/4-20x7/8" SELF DRILLING CRIMP TITE SCREWS (2 THROUGH STRUT AND LHR BRACKET AND 2 THROUGH REINFORCEMENT BRACKET AND LHR BRACKET)

U-BAR LOCATIONS

(4) SECTION DOORS WITH (9) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(3) SECTION DOORS WITH (7) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

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), MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN OUTSIDE INTERMEDIATE HINGE LOCATIONS AND END OF DOOR (MINIMUM OF (18) FASTENERS EACH U-BAR). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-14x5/8" CRIMP TITE 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.

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