

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.

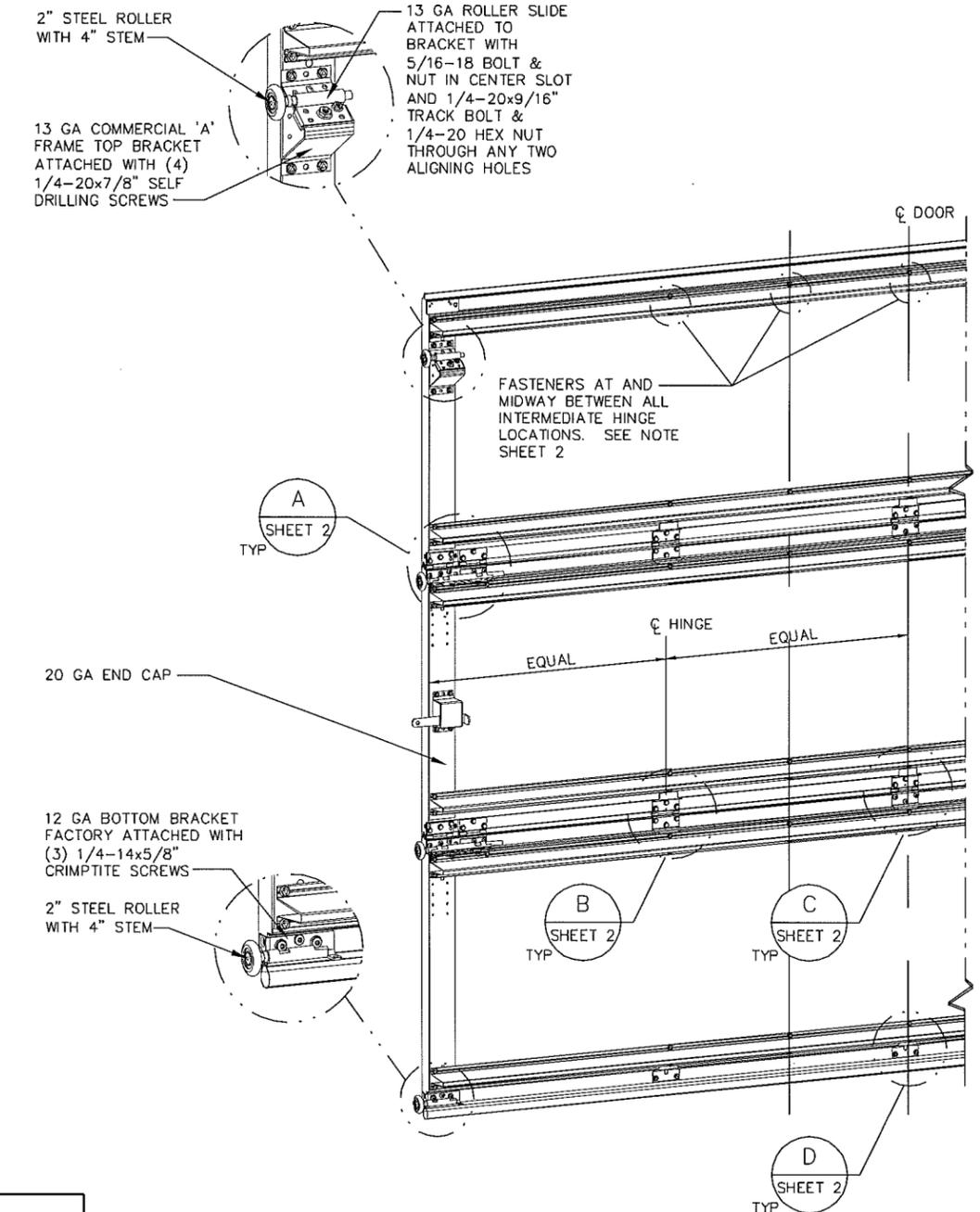
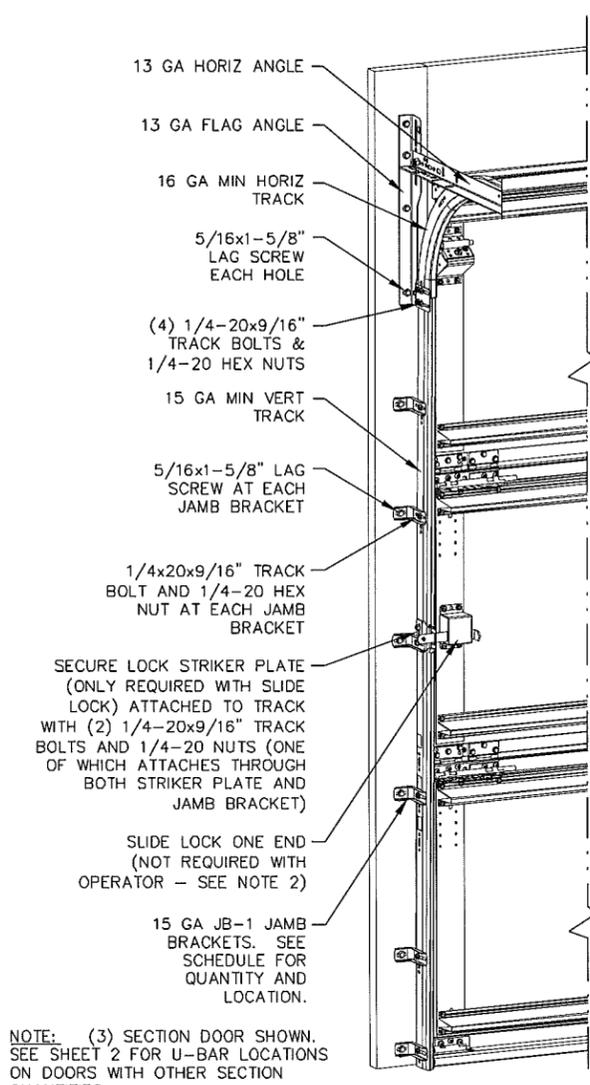
3. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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

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

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 SHEET 2.

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



REVISIONS

P4 CHANGES MADE PER ETC LABORATORIES TESTING AND CHANGES TO GENERAL FORMAT	1/12/06 GRT
P5 UPDATED TITLE BLOCK	4/15/13 GRT

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
9'-0"	ALL	+203.9/-230.4
8'-0"	ALL	+181.2/-204.8

JAMB BRACKET SCHEDULE

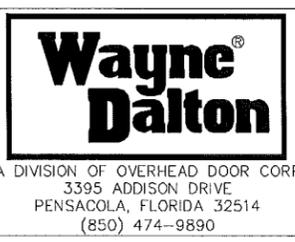
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	2", 10", 26", 42", 53", 63"
8'-0"	4	8	2", 10", 26", 39", 48", 57", 66", 75"
> 8'-0"			SEE NOTE BELOW

John E. Scates
6/28/13

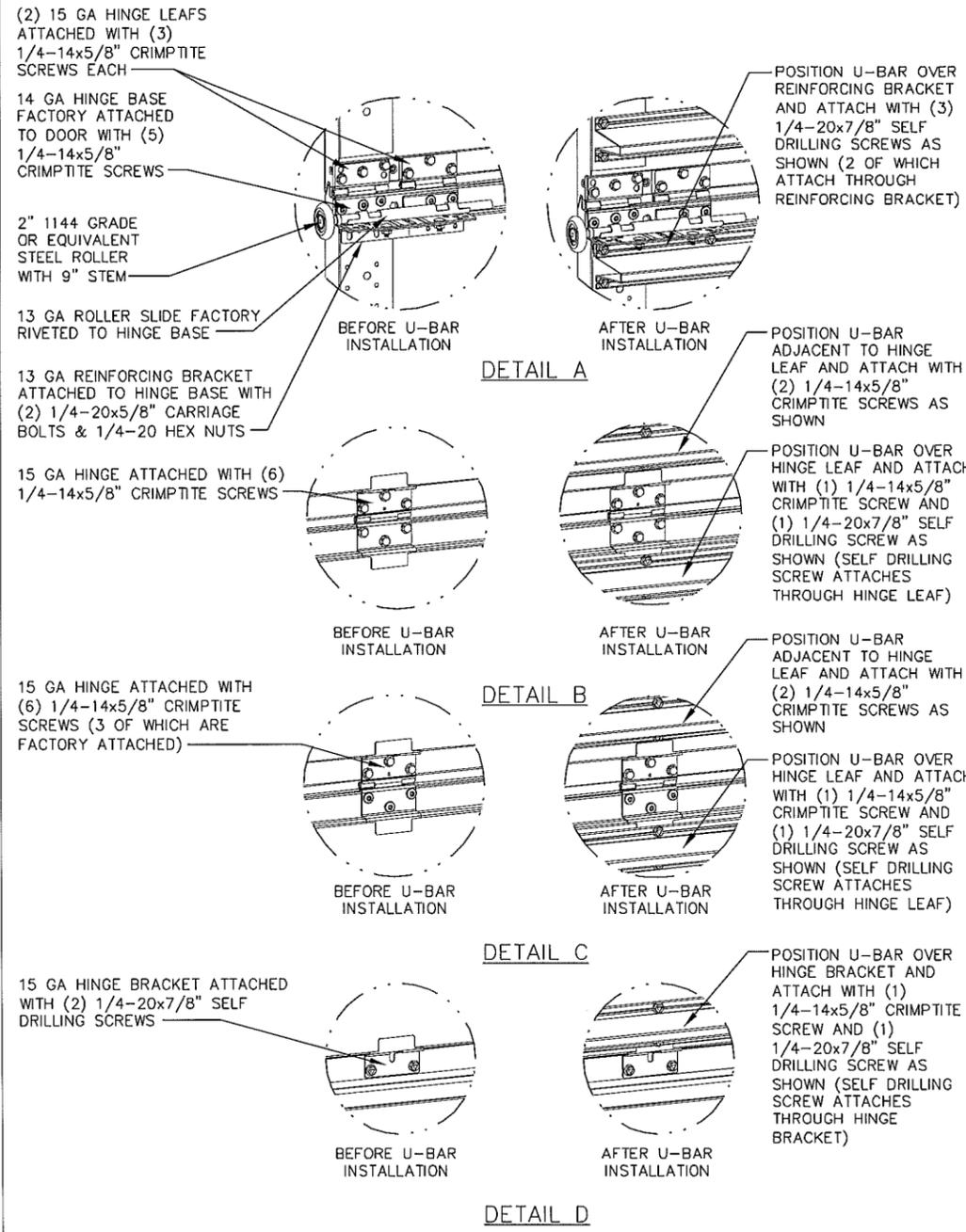


JOHN E. SCATES, PE
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737 TX PE 56308/F2203
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

NOTE: ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.



STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+45.30/-51.20	MAX WIDTH:	9'-0"	DATE		NAME	
TEST (PSF):	+67.95/-76.80	MAX HEIGHT:	10'-0"	DRAWN	1/12/06	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 0509				DRAWING PART NO.		REV.	
				313612		P5	



(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" 1144 GRADE OR EQUIVALENT STEEL ROLLER WITH 9" STEM

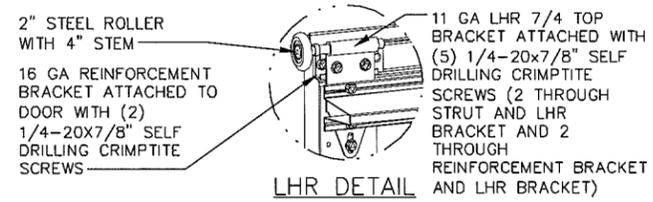
13 GA ROLLER SLIDE FACTORY RIVETED TO HINGE BASE

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

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



U-BAR LOCATIONS

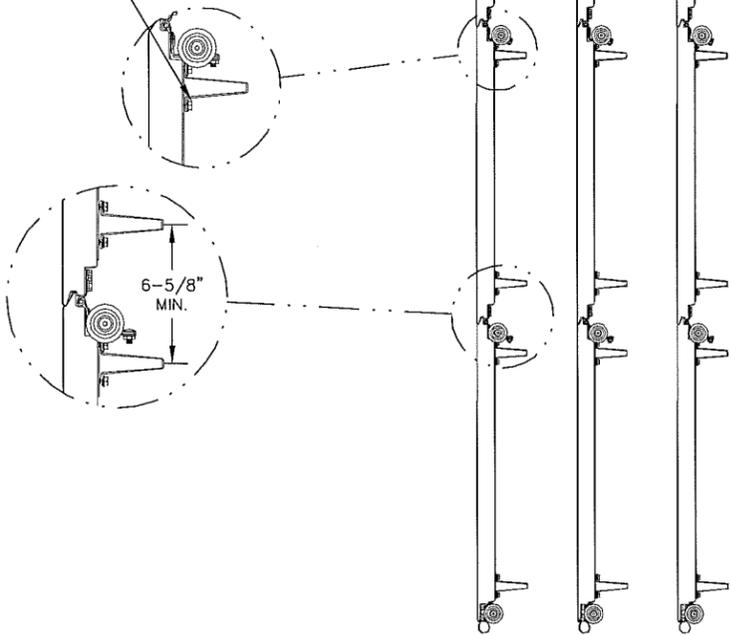
(5) SECTION DOORS WITH (10) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

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

(3) SECTION DOORS WITH (6) 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 (14) 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



REVISIONS

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CARROLLTON, TX 75007
FL PE 51737 TX PE 56308/F2203

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

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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IMPACT/CYCLIC RATED (YES/NO): NO				MAX SECTION HEIGHT: 28"	CHECKED		
MODELS 9550/9700						SHEET 2 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 0509						DRAWING PART NO.	REV.
						313612	P5