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. U-BAR STEEL TO HAVE A MINIMUM YIELD OF 80 KSI.

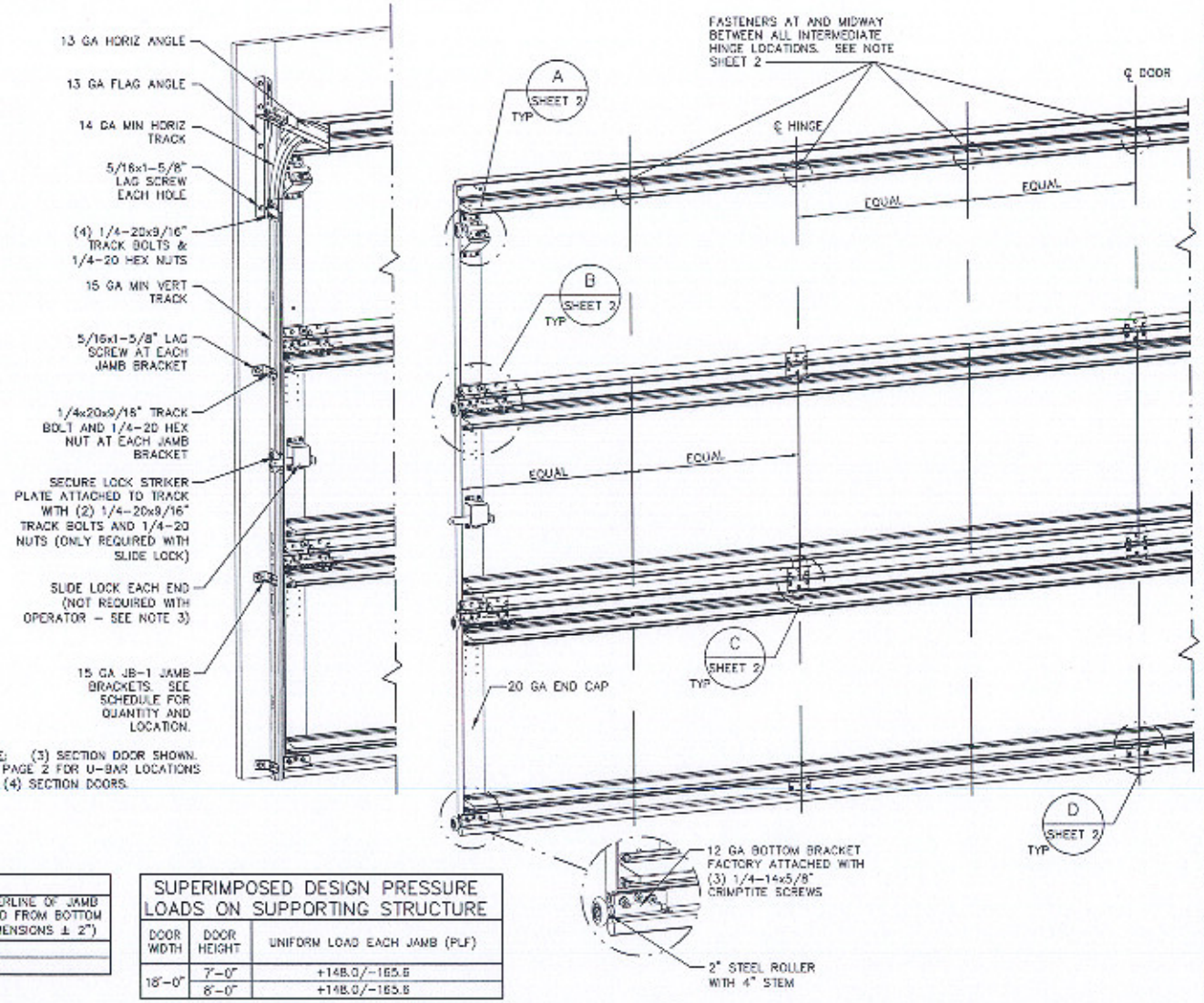
3. SLIDE LOCK OR OPERATOR REQUIRED.

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.



NOTE: (3) SECTION DOOR SHOWN. SEE PAGE 2 FOR U-BAR LOCATIONS FOR (4) SECTION DOORS.

REVISIONS
P4 CHANGES MADE PER ETC LABORATORIES TESTING AND CHANGES TO GENERAL FORMAT 1/17/06 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	3	2", 26", 53"
8'-0"	4	4	2", 26", 48", 75"

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	7'-0"	+148.0/-165.6
	8'-0"	+148.0/-165.6

MARK R. BARROW
No. 57389
STATE OF FLORIDA
LICENSED
PROFESSIONAL ENGINEER

2/25/06

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

Wayne® Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+18.50/-20.70	MAX WIDTH:	16'-0"		DATE	NAME
TEST (PSF):	+27.75/-31.05	MAX HEIGHT:	8'-0"	DRAWN	1/17/05	GRT
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED	2/10/06	MRB

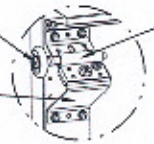
5500/9700

SHEET 1 OF 2

WINDLOAD SPECIFICATION OPTION CODE 0523

DRAWING PART NO. 313623

REV. P4

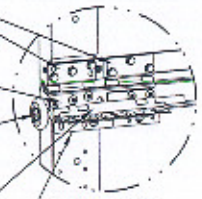


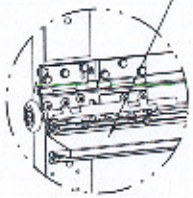
2" STEEL ROLLER WITH 4" STEM

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

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 THRUGH ANY TWO ALIGNING HOLES

DETAIL A





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

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

2" STEEL ROLLER WITH 9" STEM

13 GA ROLLER SLIDE FACTORY RIVETED TO HINGE BASE

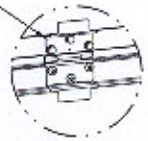
13 GA REINFORCING BRACKET ATTACHED TO HINGE BASE WITH (2) 1/4-20x5/8" CARRIAGE BOLTS & 1/4-20 HEX NUTS

BEFORE U-BAR INSTALLATION

AFTER U-BAR INSTALLATION

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" CRIMPTITE SCREWS (3 OF WHICH ARE FACTORY ATTACHED)

BEFORE U-BAR INSTALLATION

AFTER U-BAR INSTALLATION

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

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

DETAIL C

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" CRIMPTITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE BRACKET)

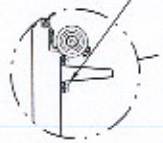
DETAIL D

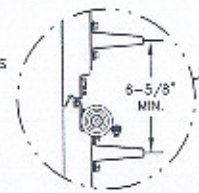
U-BAR LOCATIONS

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

(3) SECTION DOORS WITH (5) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

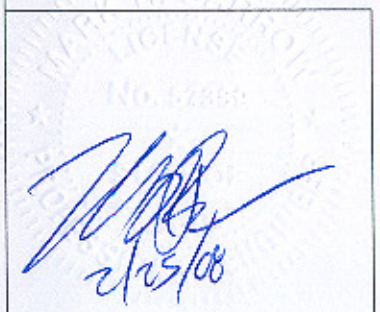
UNLESS NOTED OTHERWISE, ALL U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (2) FASTENERS AT EACH END, AT ALL INTERMEDIATE HINGE LOCATIONS (OR IN LINE WITH INTERMEDIATE HINGE LOCATIONS IF U-BAR IS NOT LOCATED AT A HINGE), MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN OUTSIDE INTERMEDIATE 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" CRIMPTITE 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
P4 CHANGES MADE PER ETC LABORATORIES TESTING AND CHANGES TO GENERAL FORMAT 1/17/06 GRT



2/23/08

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

Wayne® Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+18.50/-20.70	MAX WIDTH:	16'-0"		DATE	NAME
TEST (PSF):	+27.75/-31.05	MAX HEIGHT:	8'-0"	DRAWN	1/17/06	GRT
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED	2/10/06	MRB

5500/9700

SHEET 2 OF 2

WINDLOAD SPECIFICATION OPTION CODE 0523

DRAWING PART NO. 313623

REV. P4