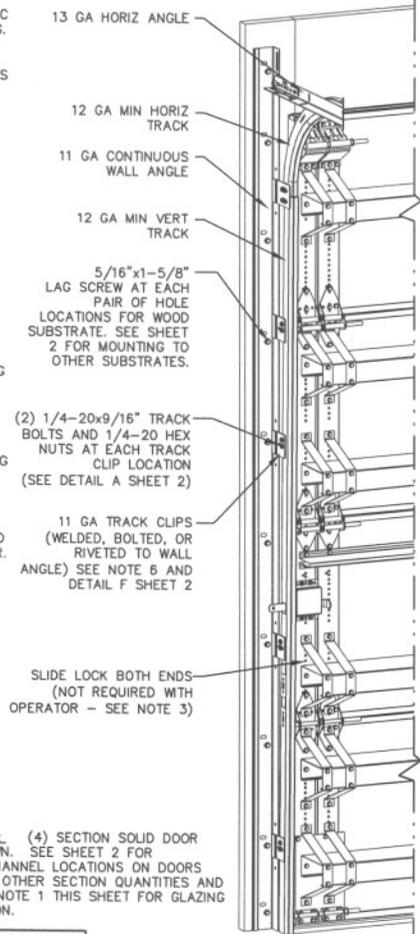


**NOTES:**

- STANDARD GLAZING OPTION - .125" MINIMUM DSB GLAZING MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 6.70" AND A MAXIMUM LENGTH OF 24.00". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
- MINIMUM OF 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
- SLIDE LOCKS OR OPERATOR REQUIRED.
- SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:  
C20 - 20 GA  
C24 - 24 GA  
C2400 - 25 GA
- 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.
- TRACK CLIPS SHALL BE LOCATED WITH CENTERLINE OF BOTTOM CLIP SPACED 10" MAX FROM BOTTOM OF TRACK AND REMAINING TRACK CLIPS SPACED AT 24" O.C. MAX. SPACING BETWEEN TOP TRACK CLIP AND SPLICE PLATE SHALL BE 30" O.C. MAX.
- WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.



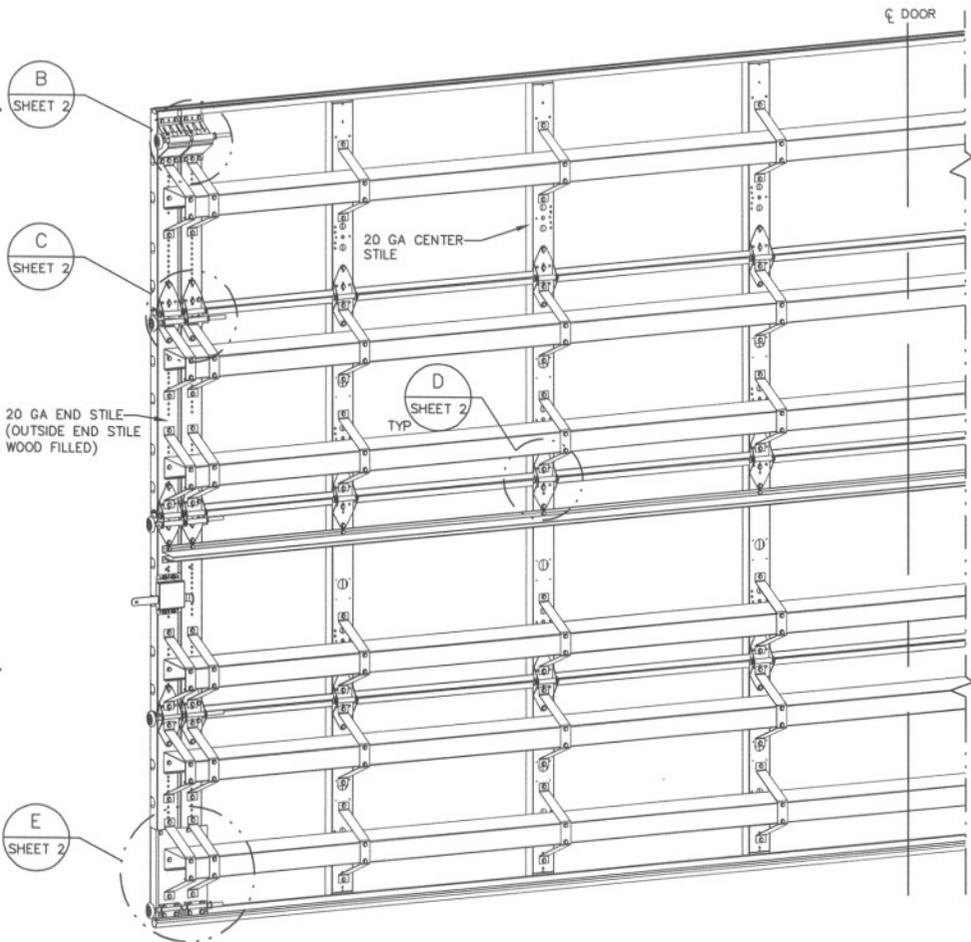
NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR C-CHANNEL LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTION.

B SHEET 2

C SHEET 2

D SHEET 2 TYP

E SHEET 2



REVISIONS
P1 MODIFIED MOUNTING TO STEEL DETAIL. ADDED DETAIL F ON SHEET 2 FOR TRACK CLIPS. GRT 4/20/08

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
24'-2"	ALL	+381.8/-427.8

*Handwritten signature and date:*  
5/30/08  
TX PE 93119

MARK R. BARROW, PE  
FLORIDA LICENSE NO. 57389



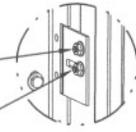
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+31.60/-35.40	MAX WIDTH:	24'-2"	DATE		NAME	
TEST (PSF):	+47.40/-53.10	MAX HEIGHT:	24'-1"	DRAWN	5/22/07	GRT	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"	CHECKED	10/05/07	MRB		
MODELS C20/C24/C2400				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2051				DRAWING PART NO.		REV.	
				332589		P1	

1/4" HOLE IS REQUIRED TO BE DRILLED THROUGH BOTH THE TRACK AND THE TRACK CLIP AT EACH TRACK CLIP LOCATION IN ORDER TO INSTALL SECOND

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT.

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT THROUGH THE SLOT IN THE TRACK AND TRACK CLIP



DETAIL A

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

3" STEEL ROLLER WITH 7/16" DIA. x 9" LONG STEM AND 7/16" PUSH NUT AT TOP ROLLER LOCATION.

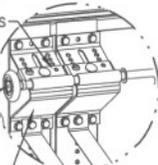
1/4" MAX BETWEEN PUSH NUT AND BRACKET.

(2) 13 GA COMMERCIAL 'A' FRAME TOP BRACKETS EACH ATTACHED WITH (5) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS (1 THROUGH TOP BRACKET AND C-CHANNEL STRAP)

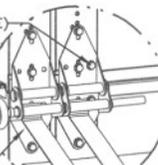
ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS (INSIDE OF EACH INSIDE END HINGE)

3" STEEL ROLLER WITH 9/16" DIA. x 9" LONG STEM AT ALL ROLLER LOCATIONS EXCEPT TOP AND BOTTOM ROLLERS

11 GA MODIFIED WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

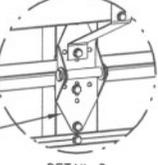


DETAIL B

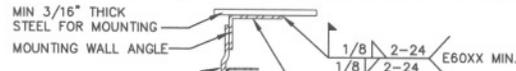


DETAIL C

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



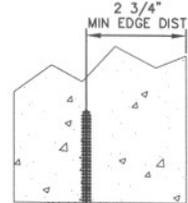
DETAIL D



MOUNTING TO STEEL DETAIL

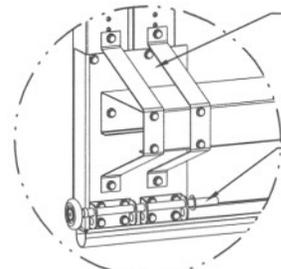
MIN 3/16" THICK STEEL FOR MOUNTING MOUNTING WALL ANGLE TRACK CLIP 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT TRACK

OPTIONAL: WALL ANGLE MAY BE ATTACHED TO SUPPORTING STEEL WITH MIN. (1) 1/4-20x7/8" SELF DRILLING SCREW WITH 1" O.D. WASHER AT EACH HOLE OR PAIR OF HOLE LOCATIONS IN LIEU OF WELDING



CONCRETE MOUNTING DETAIL

3/8" SIMPSON TITEN HD, 2-3/4" MIN EMBED INTO MIN 2000 PSI CONCRETE AT EACH HOLE OR PAIR OF HOLE LOCATION MOUNTING WALL ANGLE TRACK CLIP (2) 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT TRACK



DETAIL E

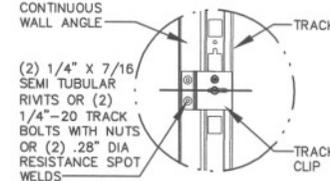
11 GA DOUBLE BOTTOM BRACKET ATTACHED WITH (14) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS (4 OF WHICH ARE USED IN ATTACHMENT OF CHANNEL AND STRAPS AND 8 OF WHICH ARE USED TO ATTACH 12 GA ROLLER CARRIERS)

3" STEEL ROLLER WITH 7/16" DIA. x 9" LONG STEM AND 7/16" PUSH NUT, 1/4" MAX BETWEEN PUSH NUT AND BRACKET.

ATTACH U-BARS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT ALL STILE LOCATIONS, TYP.

ATTACH EACH 6" STRAP WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH STILE LOCATION AS SHOWN

ATTACH EACH 6" C-CHANNEL WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREW AT EACH STILE LOCATION AS SHOWN



DETAIL F

CONTINUOUS WALL ANGLE TRACK TRACK CLIP (2) 1/4" x 7/16" SEMI TUBULAR RIVETS OR (2) 1/4-20 TRACK BOLTS WITH NUTS OR (2) .28" DIA RESISTANCE SPOT WELDS

(12) SECTION DOORS WITH (18) 6" 16 GA 50 KSI C-CHANNELS AND (5) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(17) 6" 16 GA 50 KSI C-CHANNELS AND (4) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(10) SECTION DOORS WITH (15) 6" 16 GA 50 KSI C-CHANNELS AND (4) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(9) SECTION DOORS WITH (14) 6" 16 GA 50 KSI C-CHANNELS AND (3) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(8) SECTION DOORS WITH (12) 6" 16 GA 50 KSI C-CHANNELS AND (3) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(7) SECTION DOORS WITH (11) 6" 16 GA 50 KSI C-CHANNELS AND (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(6) SECTION DOORS WITH (9) 6" 16 GA 50 KSI C-CHANNELS AND (2) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH (8) 6" 16 GA 50 KSI C-CHANNELS AND (1) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(4) SECTION DOORS WITH (6) 6" 16 GA 50 KSI C-CHANNELS AND (1) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+31.60/-35.40	MAX WIDTH:	24'-2"	DATE	5/22/07	NAME	GRT
TEST (PSF):	+47.40/-53.10	MAX HEIGHT:	24'-1"	DRAWN	10/05/07	MRB	
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24'	CHECKED			
MODELS C20/C24/C2400				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2051				DRAWING PART NO.		REV.	
				332589		P1	

REVISIONS

P1 MODIFIED MOUNTING TO STEEL DETAIL. ADDED DETAIL F ON SHEET 2 FOR TRACK CLIPS. GRT 4/20/08

*Mark R. Barrow*  
5/30/08  
TX PE 9319

MARK R. BARROW, PE  
FLORIDA LICENSE NO. 57389