

NOTES:

1. 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.

2. ALUMINUM FULL VIEW OPTION - ALUMINUM FULL VIEW SECTION MAY REPLACE ANY SECTION EXCEPT TOP AND BOTTOM PANELS. ALUMINUM FULL VIEW SECTION SHALL HAVE RAILS AND STILES OF EXTRUDED ALUMINUM ALLOY 6063-T6 WITH A 2-1/4" INTEGRAL FIN AND .125" MINIMUM DSB GLAZING INSTALLED WITH ALUMINUM RETAINERS IN ORDER TO MEET UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

3. MINIMUM OF 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.

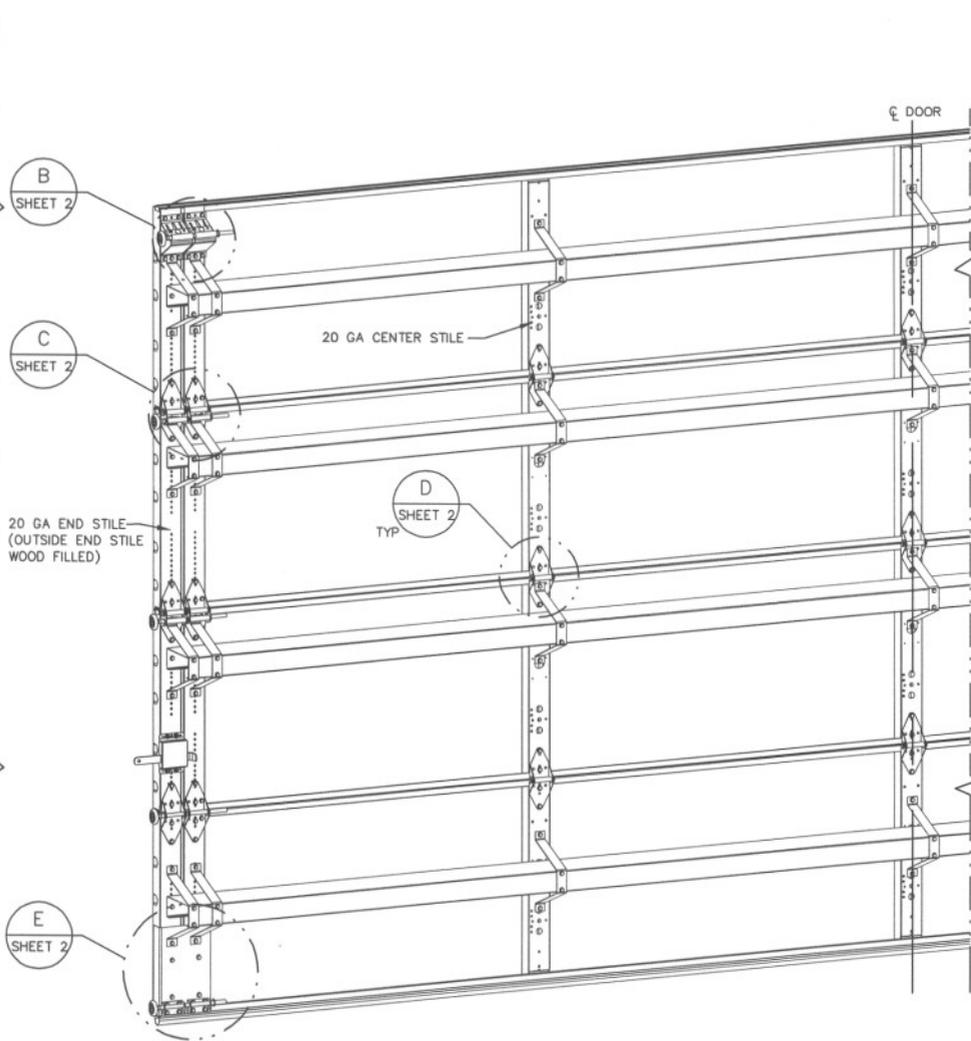
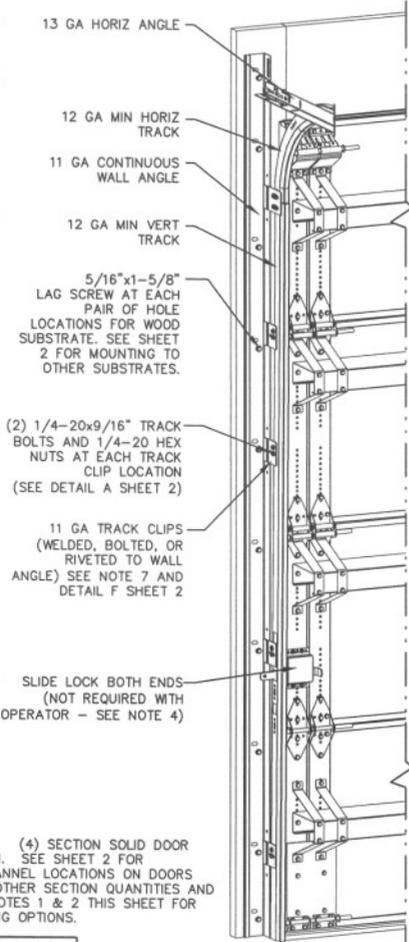
4. SLIDE LOCKS OR OPERATOR REQUIRED.

5. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
C20 - 20 GA
C24 - 24 GA
C2400 - 25 GA

6. 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.

7. 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.

8. 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 NOTES 1 & 2 THIS SHEET FOR GLAZING OPTIONS.

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)
16'-2"	ALL	+255.4/-286.2

MRB
5/30/08
TX PE 93119

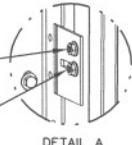
MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

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3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+31.60/-35.40	MAX WIDTH:	16'-2"	DRAWN	DATE	NAME	
TEST (PSF):	+47.40/-53.10	MAX HEIGHT:	24'-1"	10/05/07	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 2042				DRAWING PART NO.		REV.	
				332586		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

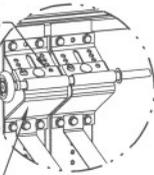
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT.
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT THROUGH THE SLOT IN THE TRACK AND TRACK CLIP.



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.

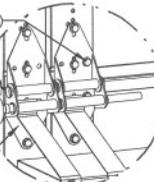


DETAIL B

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

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

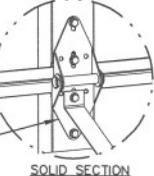
3" STEEL ROLLER WITH 9/16" DIA. x 9" LONG STEM AT ALL ROLLER LOCATIONS EXCEPT TOP AND BOTTOM ROLLERS



DETAIL C

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

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

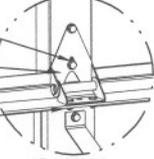


SOLID SECTION

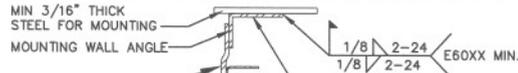
(2) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS

HALF HINGE

(2) 1/4 x 1/2" CARRIAGE BOLTS AND 1/4" FLANGE NUTS



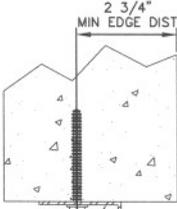
AFV SECTION
DETAIL D



MOUNTING TO STEEL DETAIL

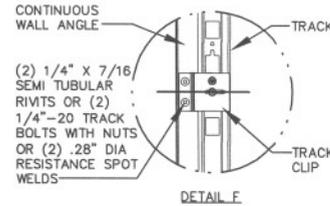
MIN 3/16" THICK STEEL FOR MOUNTING
MOUNTING WALL ANGLE
TRACK CLIP
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT
TRACK

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

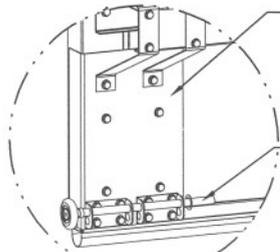
3/8" SIMPSON TITEN HD, 2-3/4" MIN EMBED INTO MIN 2000 PSI CONCRETE AT EACH HOLE OR PAIR OF HOLE LOCATION
MOUNTING WALL ANGLE
TRACK CLIP
(2) 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT
TRACK



DETAIL E

CONTINUOUS WALL ANGLE

(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



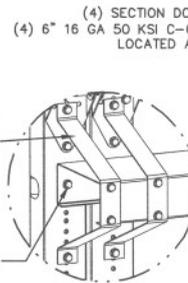
DETAIL F

11 GA DOUBLE BOTTOM BRACKET ATTACHED WITH (14) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS (8 OF WHICH ARE USED TO ATTACH 12 GA ROLLER CARRIERS AND 2 WHICH ARE USED TO ATTACH STRAPS)

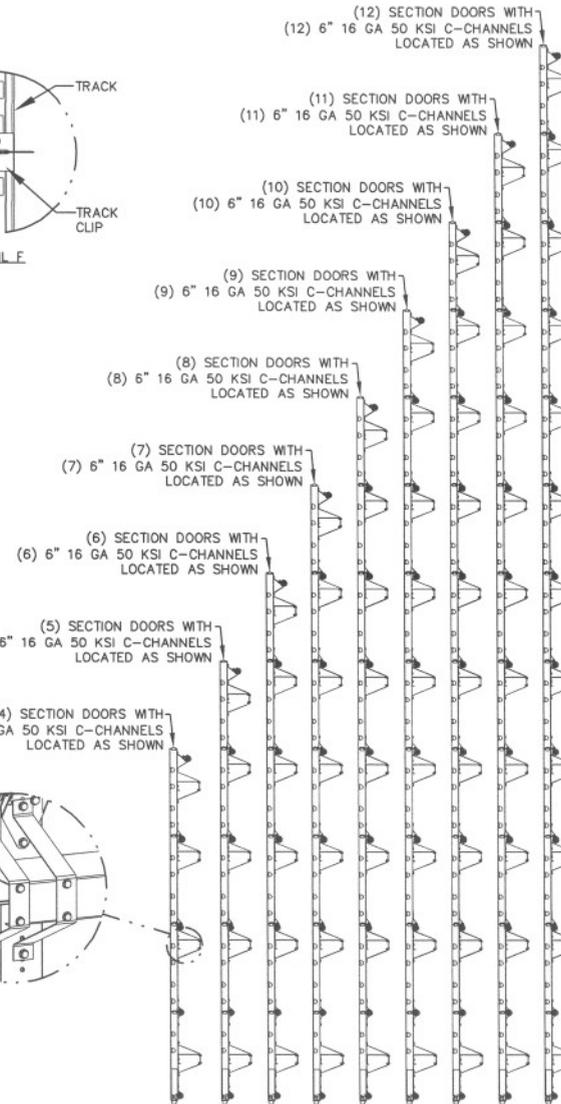
3" STEEL ROLLER WITH 7/16" DIA. x 9" LONG STEM AND 7/16" PUSH NUT. 1/4" MAX BETWEEN PUSH NUT AND BRACKET.

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

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



DETAIL G



(12) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(11) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(10) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(9) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(8) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(7) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(6) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(5) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

(4) SECTION DOORS WITH 6" 16 GA 50 KSI C-CHANNELS LOCATED AS SHOWN

REVISIONS

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

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IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	MRB
MODELS C20/C24/C2400				SHEET 2 OF 2	
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