

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. AFV PANEL SIZE IS 57.5"x21.9" (MAX). 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 REQUIRED.

5. SECTION STEEL TO HAVE THE FOLLOWING
MINIMUM THICKNESS:

401, 402 – 20 GA
403, 404 – 24 GA
405, 406 – 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.

13 GA HORIZ ANGLE

15 GA MIN HORIZ
TRACK

13 GA CONTINUOUS
WALL ANGLE

15 GA MIN VERT
TRACK

5/16"x1-5/8"
LAG SCREW AT EACH
HOLE LOCATION FOR
WOOD SUBSTRATE. SEE
SHEET 3 FOR MOUNTING
TO OTHER SUBSTRATES.

1/4-20x9/16" TRACK
BOLT AND 1/4-20 HEX
NUT AT EACH TRACK
CLIP LOCATION
(SEE DETAIL A SHEET 2)

11 GA TRACK CLIPS
(WELDED, BOLTED, OR
RIVETED TO WALL
ANGLE) SEE NOTE 7 AND
DETAIL F SHEET 2

SLIDE LOCK BOTH ENDS

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
10'-4"	ALL	+87.5/-99.9

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +17.0/-19.4	MAX WIDTH: 10'-4"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

A circular professional engineer seal for John Voelkel, State of Florida, License No. 82229. The seal features the text "J. C. VOELKEL" at the top, "LICENSE" in the middle, and "No 82229" below it. The outer ring of the seal reads "PROFESSIONAL ENGINEER" and "STATE OF FLORIDA". A star is positioned in the center of the seal. The seal is stamped over a document that includes the name "John Voelkel" and a red signature line.

J. CHRISTIAN VOELKEL, PE
407 Navarre Street
Gulf Breeze, FL 32561
FL PE 82229
TX PE 133174

Digitally signed
by John Voelkel
Date: 2026.07.10
15:53:38 -05'00'

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 & 2 THIS SHEET FOR GLAZING OPTIONS.

COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2024.
COMPLIES WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.

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			TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	The Genuine. The Original.  LEVISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:
			HOLE DIAMETER	WHOLE NUMBERS: ± .25	N/A		S WOLFF	1/29/2026	WINDLOAD, OPTION CODE 2072
			UNDER .251 +.004/-/.003	.XX ± .1					SERIES 401/402/403/404/405/406,
			.251 TO .500 +.006/-/.003	.XXX ± .010	UNIT OF MEASURE	MATERIAL:	CHECKED BY:	-	17.0/-19.4 PSF, 10'-4" MAX
			OVER .500 +.008/-/.003	ANGLES: ± .5°		N/A	T CLARK	-	D-413152
			FRACTIONS ± 1/16		EA		APPROVED BY:	-	SCALE: N/A SHEET 1 OF 3
REF DWG	USED ON	ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.							

D

C

B

A

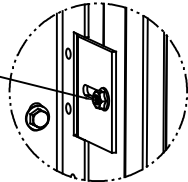
D

C

B

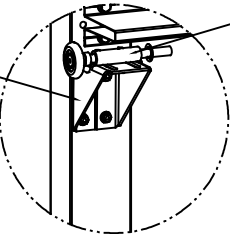
A

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



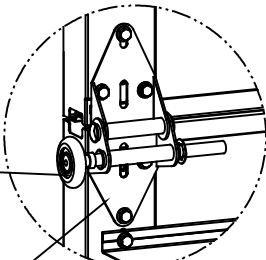
DETAIL A

12 GA COMMERCIAL 'A' FRAME
BRACKET ASSEMBLY WITH 13 GA
ROLLER CARRIER ATTACHED
WITH (4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS



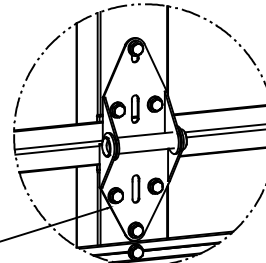
DETAIL B

2" STEEL ROLLER WITH
5-1/8" STEM AND 7/16"
PUSHNUT AT EACH ROLLER
LOCATION. 1/4" MAX
BETWEEN PUSHNUT AND
BRACKET OR HINGE



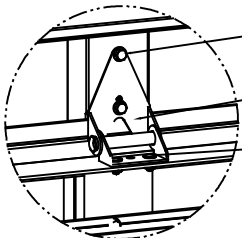
DETAIL C

13 GA WIDE BODY END
HINGES EACH ATTACHED
WITH (6) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS



SOLID SECTION

14 GA WIDE BODY
INTERMEDIATE HINGE
ATTACHED WITH (6)
1/4-14x7/8" SELF
DRILLING CRIMPTITE
SCREWS



AFV SECTION

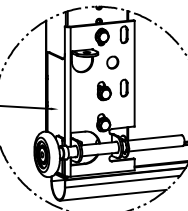
(2) 1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

HALF HINGE

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

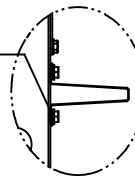
DETAIL D

12 GA BOTTOM BRACKET
ATTACHED WITH (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS



DETAIL E

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



(12) SECTION DOORS WITH
(12) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(11) SECTION DOORS WITH
(11) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(10) SECTION DOORS WITH
(10) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

(8) SECTION DOORS WITH
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

(6) SECTION DOORS WITH
(6) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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

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

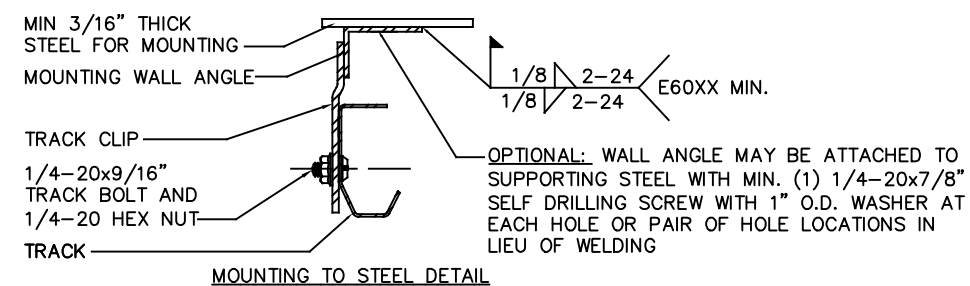
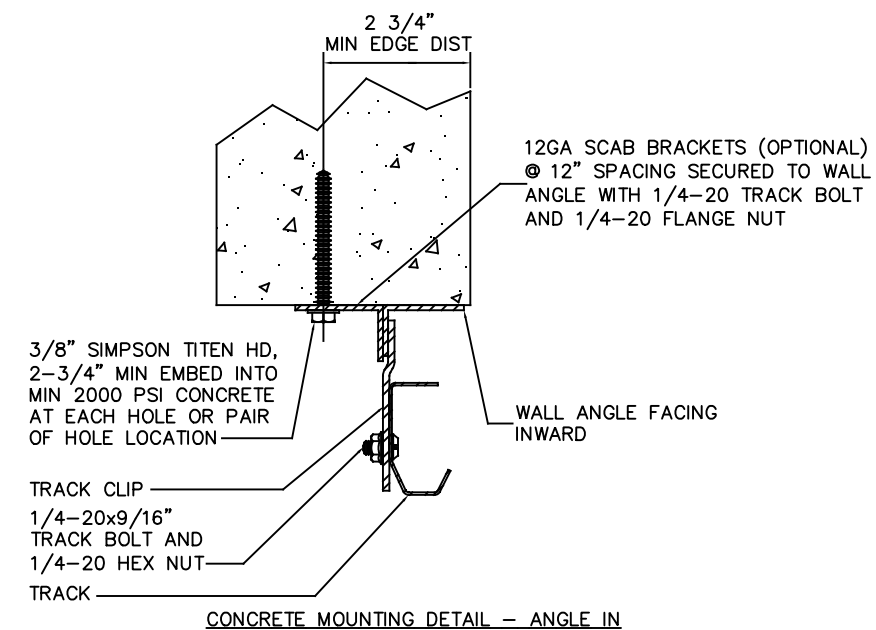
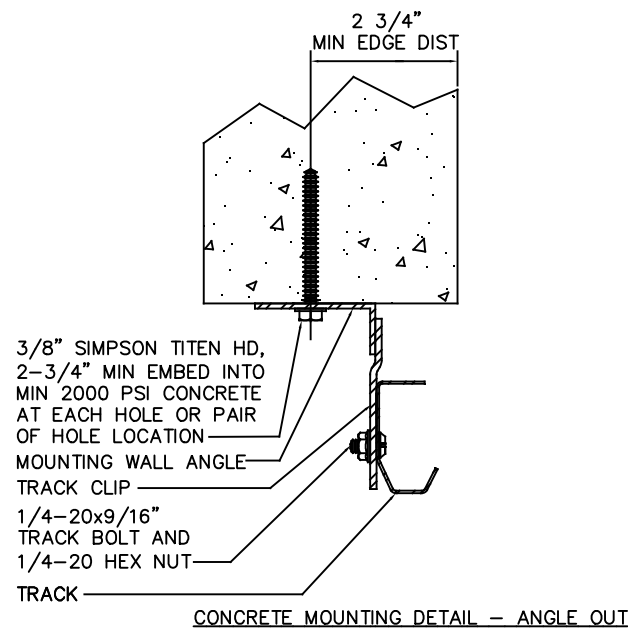
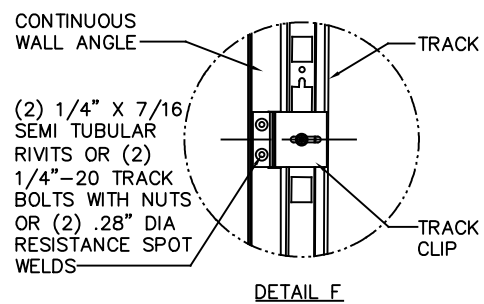
(2) SECTION DOORS WITH
(2) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

SEAL ON PAGE 1

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +17.0/-19.4	MAX WIDTH: 10'-4"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24"

J. CHRISTIAN VDEKEL, PE
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REF DWG	USED ON	THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	The Genuine. The Original. OVERHEAD DOOR	NAME S WOLFF	DATE 1/29/2026	DRAWING TITLE: WINDLOAD, OPTION CODE 2072 SERIES 401/402/403/404/405/406, 17.0/-19.4 PSF, 10'-4" MAX
			HOLE DIAMETER	WHOLE NUMBERS:					
			UNDER .251 +.004/--.003	.X ± .1	UNIT OF MEASURE EA	MATERIAL: N/A	CHECKED BY: T CLARK		DRAWING NUMBER D-413152
			.251 TO .500 +.006/--.003	.XX ± .03					
			OVER .500 +.008/--.003	.XXX ± .010			APPROVED BY: -		SCALE: N/A
			FRACTIONS ± 1/16	ANGLES: ± .5°					
			ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.						SHEET 2 OF 3



STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +17.0/-19.4	MAX WIDTH: 10'-4"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

SEAL ON PAGE 1

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REF DWG		USED ON			TOLERANCES UNLESS OTHERWISE SPECIFIED HOLE DIAMETER UNDER .251 +.004/--.003 .251 TO .500 +.006/--.003 OVER .500 +.008/--.003 FRACTIONS ± 1/16		WHOLE NUMBERS: .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± 5°		FINISH N/A UNIT OF MEASURE EA		The Genuine, The Original.  LEVISTVILLE, TEXAS MATERIAL: N/A		NAME DRAWN BY: S WOLFF CHECKED BY: T CLARK APPROVED BY: -		DATE 1/29/2026		DRAWING TITLE: WINDLOAD, OPTION CODE 2072 SERIES 401/402/403/404/405/406,, 17.0/-19.4 PSF, 10'-4" MAX DRAWING NUMBER D-413152 SCALE: N/A SHEET 3 OF 3	
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