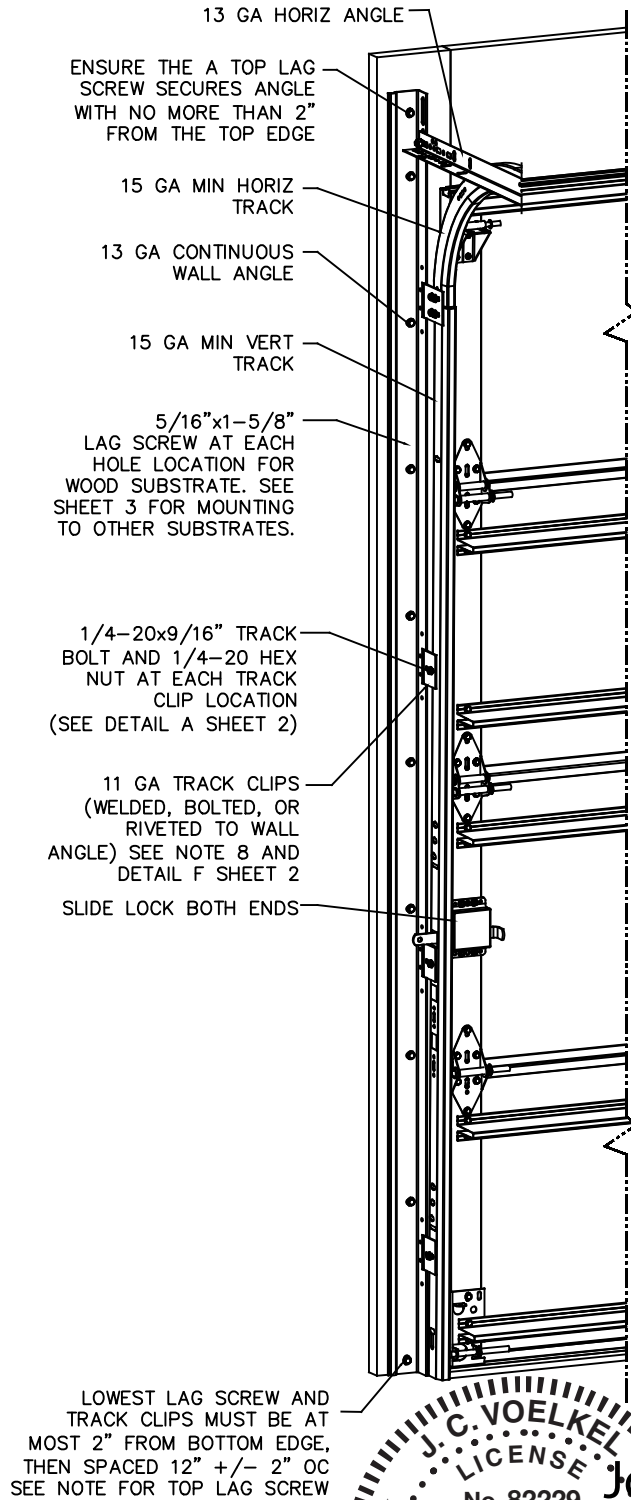


NOTES

1. NON-IMPACT RESISTANT 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. IMPACT RESISTANT GLAZING OPTION - IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN INTERMEDIATE SECTIONS (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 11" x 17", FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL.
3. 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 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 GLAZING PANEL SIZE IS 46.5"x21.9" (MAX). GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
4. 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
7. 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.
8. 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.
9. WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
12'-2"	ALL	+192.2/-215.4



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1, 2, & 3 OF THIS SHEET FOR GLAZING OPTIONS.

Digitally signed
by John Voelkel
Date: 2026.07.10
15:48:07 -05'00'

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.  LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:
			HOLE DIAMETER	WHOLE NUMBERS:	N/A		S WOLFF	1/29/2026	WINDLAD, OPTION CODE 2025
			UNDER .251 +.004/- .003	± .25	UNIT OF MEASURE		T CLARK	-	SERIES 401/402/403/404/405/406, 316/-35.4 PSF, 12"-2" MAX
			.251 TO .500 +.006/- .003	.X ± .1					
		OVER .500 +.008/- .003	.XX ± .03						DRAWING NUMBER
			FRACTIONS	± .010					D-413159
		ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.		ANGLES: ± .5°	EA	N/A	APPROVED BY:		SCALE: N/A
REF DWG	USED ON		± 1/16				-		SHEET 1 OF 3

D

C

B

A

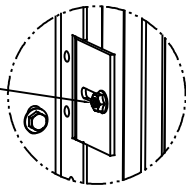
D

C

B

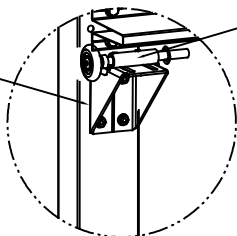
A

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



DETAIL A

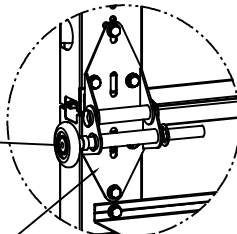
12 GA COMMERCIAL 'A' FRAME
BRACKET ASSEMBLY WITH 13 GA
ROLLER CARRIER ATTACHED
WITH (4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS



DETAIL B

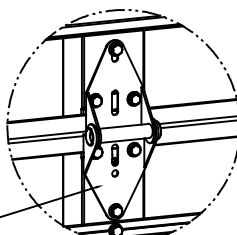
13 GA ROLLER SLIDE ATTACHED TO
BRACKET WITH 5/16-18 BOLT &
NUT IN CENTER SLOT AND
1/4-20x9/16 TRACK BOLT &
1/2-20 HEX NUT THROUGH ANY
TWO ALIGNING HOLES.

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



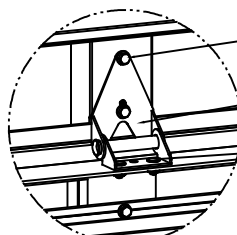
DETAIL C

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

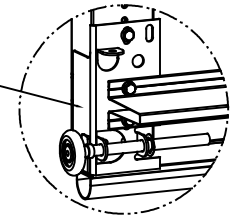
(2) 1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

HALF HINGE

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

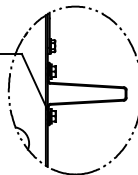
DETAIL D

12 GA BOTTOM BRACKET
ATTACHED WITH (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS (2 THROUGH
STRUT AND BRACKET)



DETAIL E

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



(3) SECTION DOORS WITH
(3) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(3) SECTION DOORS WITH
(5) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(6) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(8) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(9) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(11) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(12) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(14) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(10) SECTION DOORS WITH
(15) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(11) SECTION DOORS WITH
(17) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(12) SECTION DOORS WITH
(18) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

SEAL ON PAGE 1

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

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TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		The Genuine. The Original.		NAME		DATE	
HOLE DIAMETER		N/A		OVERHEAD DOOR		S WOLFF		1/29/2026	
UNDER .251 +.004/- .003		WHOLE NUMBERS: ± .25		LEWISVILLE, TEXAS		DRAWING TITLE:		WINDLOAD/OPTION CODE 2025	
.251 TO .500 +.006/- .003		.X ± .1		MATERIAL:		CHECKED BY:		SERIES 401/402/403/404/405/406,	
OVER .500 +.008/- .003		.XX ± .03		N/A		T CLARK		31.6/-35.4 PSF, 12'-2" MAX	
FRACTIONS		UNIT OF MEASURE		APPROVED BY:		DRAWING NUMBER		D-413159	
± 1/16		EA		-		-		SCALE: N/A	
ANGLES: ± .5°								SHEET 2 OF 3	
THIRD ANGLE PROJECTION		REF DWG		USED ON					

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +31.6/-35.4	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: YES	MAX SECTION HEIGHT: 24'

D

C

B

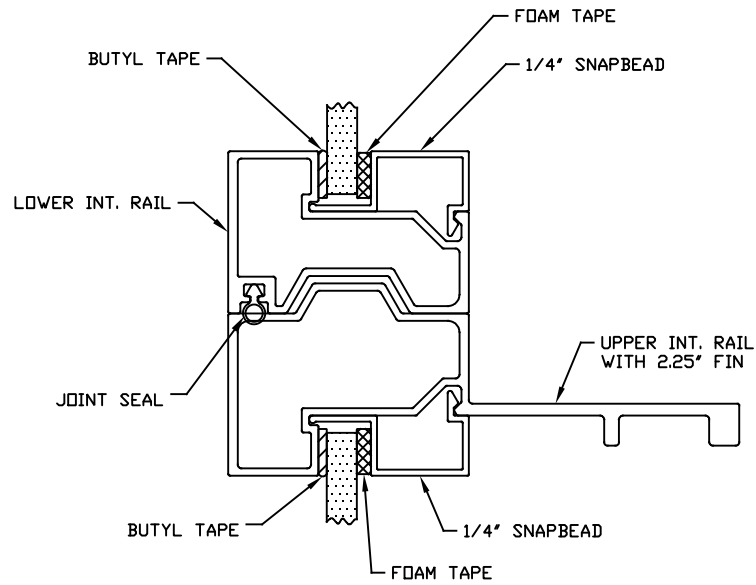
A

D

C

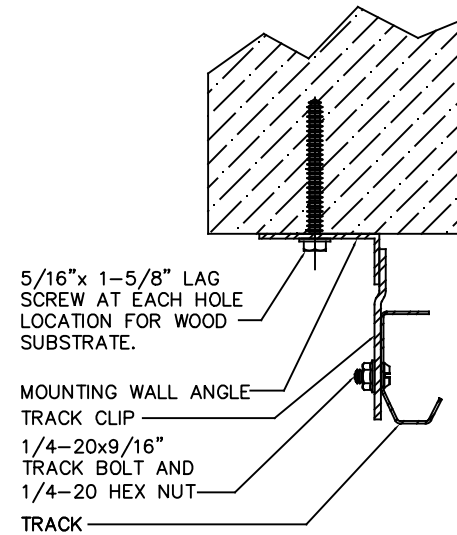
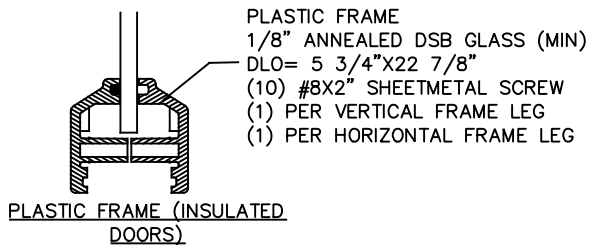
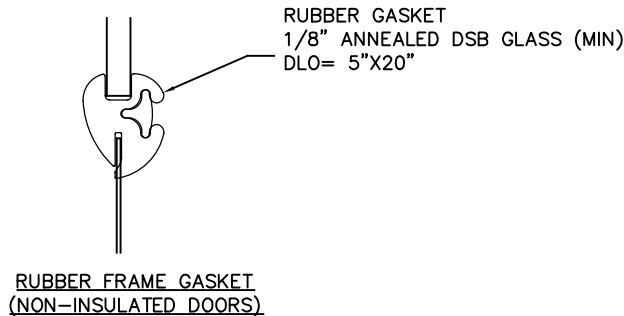
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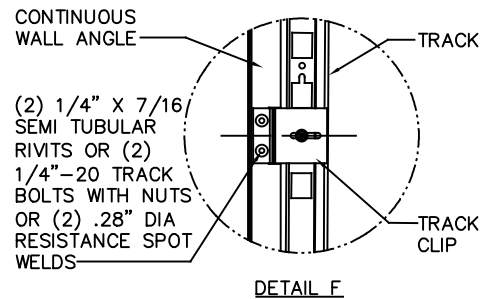


ALUMINUM FULL VIEW FRAME

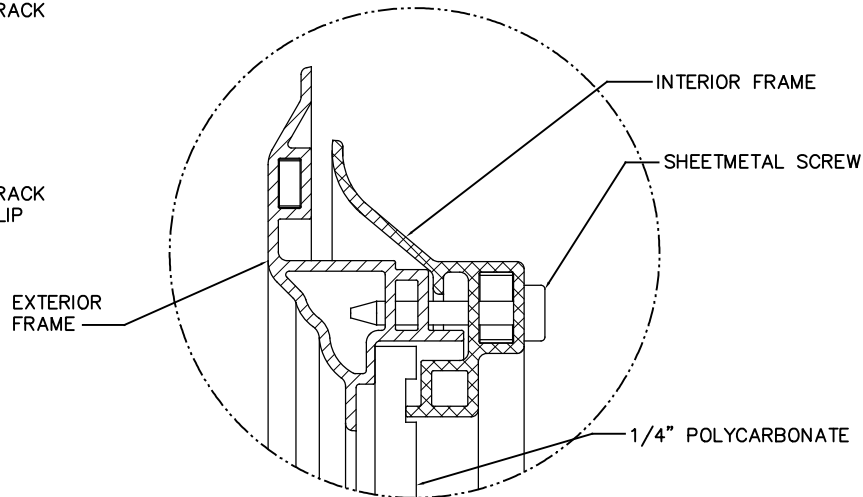
ALUMINUM FULL VIEW FRAME



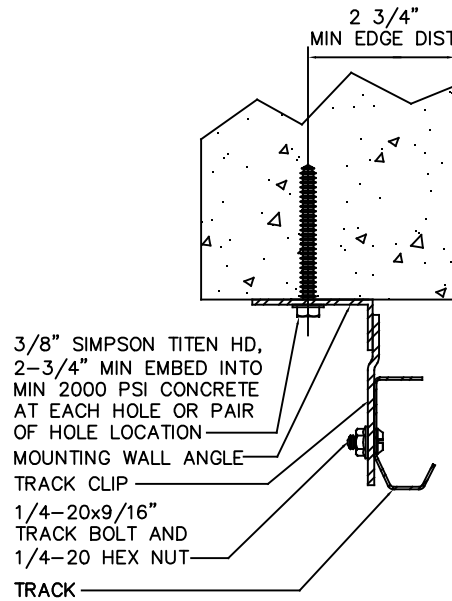
WOOD MOUNTING DETAIL - ANGLE OUT



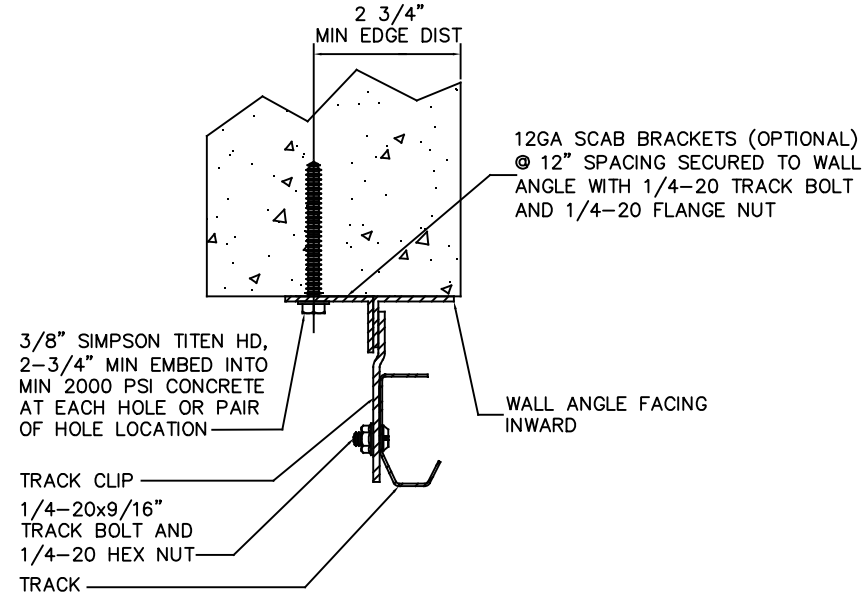
DETAIL F



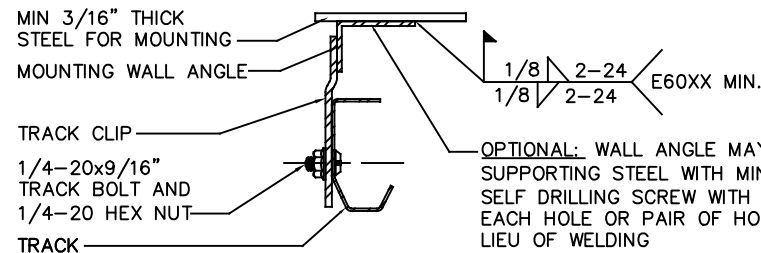
IMPACT WINDOW / ALUMINUM FRAME WITH GROOVED POLYCARBONATE



CONCRETE MOUNTING DETAIL - ANGLE OUT



CONCRETE MOUNTING DETAIL - ANGLE IN



MOUNTING TO STEEL DETAIL

SEAL ON PAGE 1

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		 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH N/A	 The Genuine. The Original. LEWISVILLE, TEXAS	NAME		DATE	
			HOLE DIAMETER					DRAWN BY: S WOLFF		1/29/2026	
			UNDER .251 +.004/--.003			UNIT OF MEASURE	MATERIAL: N/A	CHECKED BY: T CLARK -		DRAWING TITLE: WINDLOAD/OPTION CODE 2025 SERIES: 401-402/403-404/405/406, 31.6"-35.4" PSF, 12'-2" MAX	
			.251 TO .500 +.006/--.003								
			OVER .500 +.008/--.003								
			FRACTIONS					DRAWING NUMBER		D-43159	
REF DWG		USED ON	± 1/16			EA		APPROVED BY: -		-	
			WHOLE NUMBERS:							SCALE: N/A	
			± .25							SHEET 3 OF 3	
			.X ± .1								
			.XX ± .03								
			.XXX ± .010								
			ANGLES: ± .5°								