

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 LOCK OR OPERATOR REQUIRED.

5. SECTION STEEL TO HAVE THE FOLLOWING
MINIMUM THICKNESS:
421, 423 - 20 GA
427, 429 - 24 GA
434, 436 - 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
BOLTS AND 1/4-20 HEX
NUT AT EACH TRACK
CLIP LOCATION
(SEE DETAIL A SHEET 3)

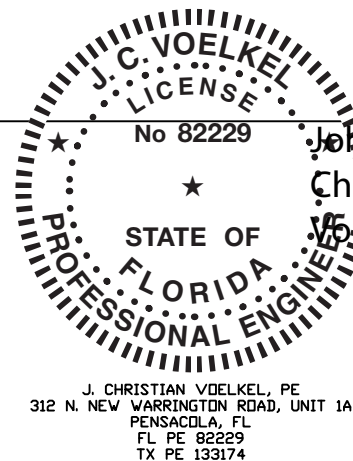
11 GA TRACK CLIPS
(WELDED, BOLTED, OR
RIVETED TO WALL
ANGLE) SEE NOTE 7 AND
DETAIL F SHEET 3

SLIDE LOCK ONE END
(NOT REQUIRED WITH
OPERATOR - SEE NOTE 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 THIS SHEET FOR GLAZING OPTIONS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
12'-2"	ALL	+69.4/-77.3

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +11.4/-12.7	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

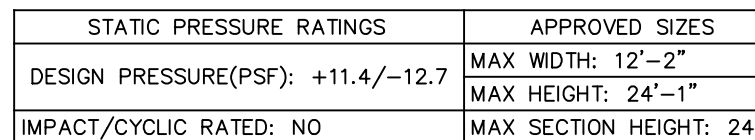


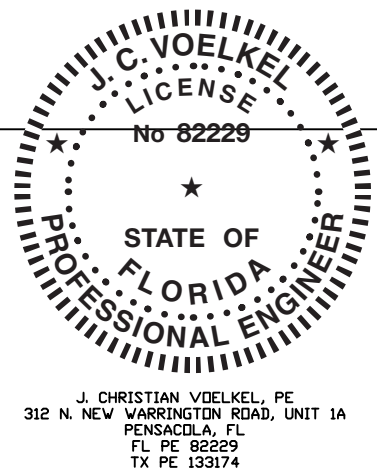
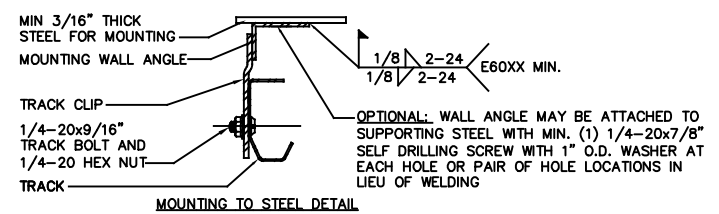
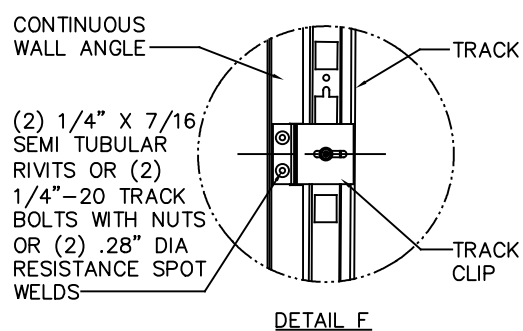
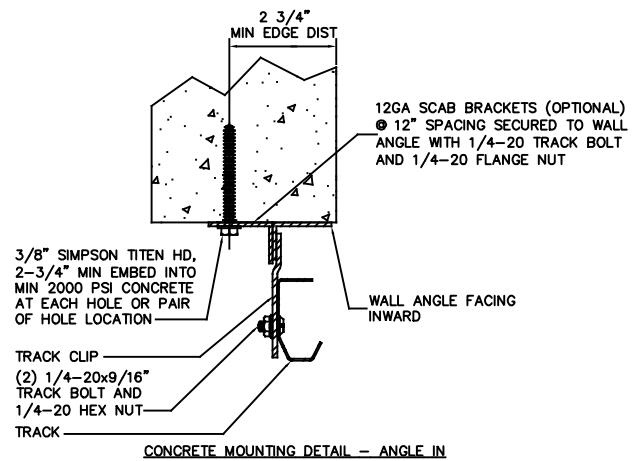
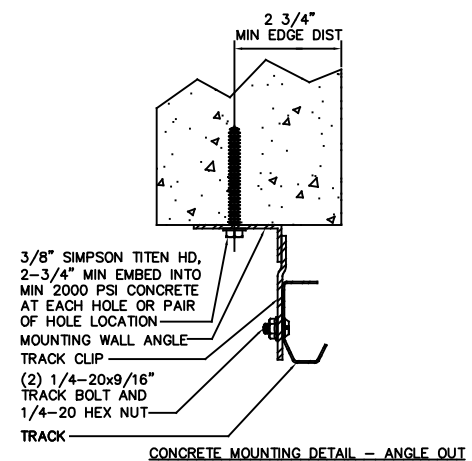
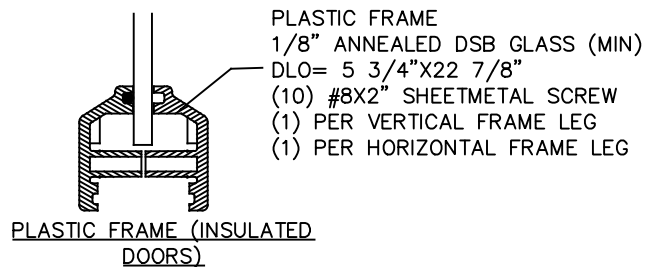
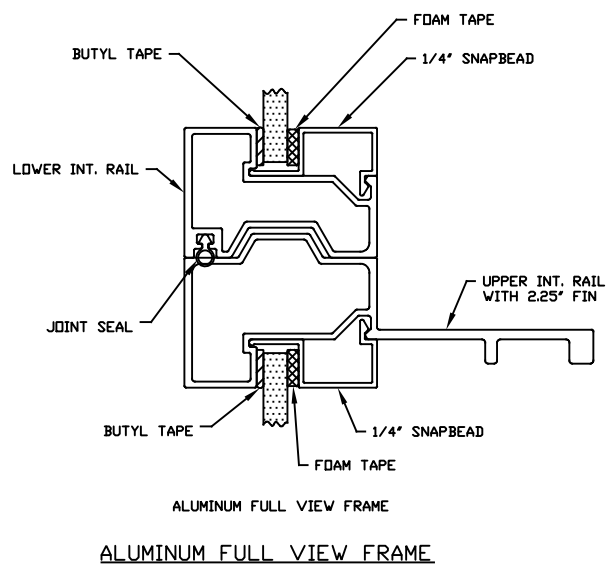
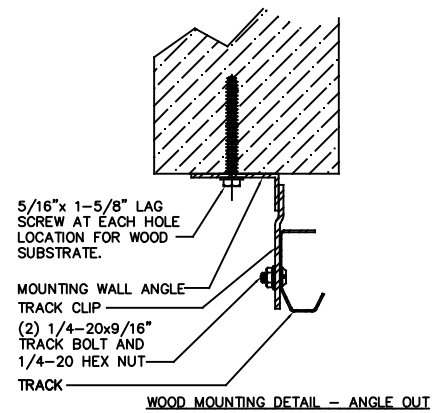
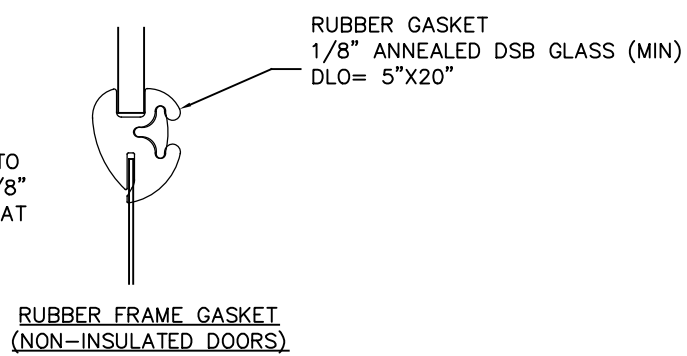
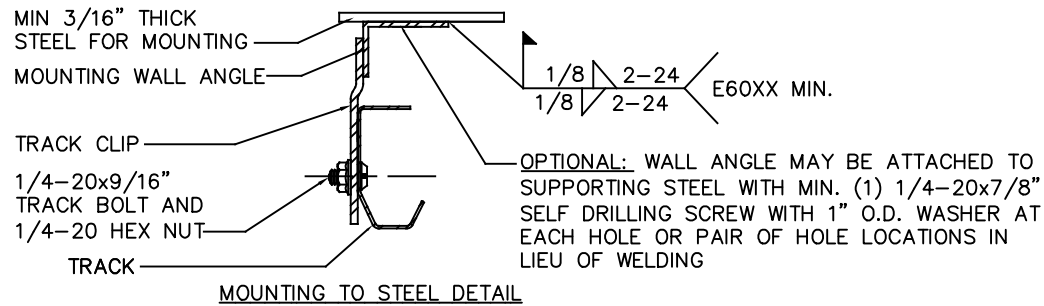
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John Christian
Voelkel
Date: 2021.02.11
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THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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		 THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	 The Genuine. The Original.	NAME	DATE	DRAWING TITLE: WINDLOAD, OPTION CODE 2020 SERIES 421/423/427/429/434/436, 11.4'-12.7 PSF, 12'-2" MAX
			HOLE DIAMETER UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003	WHOLE NUMBERS: ± .25 .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°	N/A		LEWISVILLE, TEXAS DRAWN BY: T CLARK 1/14/21	DRAWING TITLE: WINDLOAD, OPTION CODE 2020 SERIES 421/423/427/429/434/436, 11.4'-12.7 PSF, 12'-2" MAX	
		ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	FRACTIONS	UNIT OF MEASURE	MATERIAL:	CHECKED BY: J QIAN		DRAWING NUMBER	
REF DWG	USED ON		± 1/16	EA	N/A	APPROVED BY: T CLARK		D-411789	
								SCALE: N/A	SHEET 1 OF 3

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REF DWG	USED ON	THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	UNIT OF MEASURE EA	MATERIAL N/A	NAME T CLARK	DATE 1/14/21
			HOLE DIAMETER	WHOLE NUMBERS					
			UNDER .251 +.004/-0.003	± .25					
			.251 TO .500 +.006/-0.003	.X ± .1					
			OVER .500 +.008/-0.003	.XX ± .03					
			FRACTIONS	.XXX ± .010					
			± 1/16	ANGLES ± .5°					
			ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.						
								CHECKED BY: J QIAN	
								APPROVED BY: T CLARK	
									DRAWING NUMBER D- 411789
									SCALE: N/A SHEET 3 OF 3

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +11.4/-12.7	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'