

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

3. SLIDE LOCKS OR OPERATOR REQUIRED.

4. SECTION STEEL TO HAVE THE FOLLOWING
MINIMUM THICKNESS:
421, 423 - 20 GA
427, 429 - 24 GA
434, 436 - 25 GA

5. 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.

6. 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.

7. WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

12 GA MIN HORIZ
TRACK

12 GA CONTINUOUS
WALL ANGLE

12 GA MIN VERT
TRACK

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

(2) 1/4-20x9/16" TRACK
BOLTS AND 1/4-20 HEX
NUTS AT EACH TRACK
CLIP LOCATION
(SEE DETAIL A SHEET 3)

11 GA TRACK CLIPS
(WELDED, BOLTED, OR
RIVETED TO WALL
ANGLE) SEE NOTE 6 AND
DETAIL F SHEET 3

SLIDE LOCK BOTH ENDS
(NOT REQUIRED WITH
OPERATOR - SEE NOTE 3)

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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
24'-2"	ALL	+244.1/-274.3

The seal is circular with a double-lined border. The outer ring contains the text "J. C. VOELKEL" at the top and "PROFESSIONAL ENGINEER" at the bottom. Inside this, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom. In the center, the license number "No 82229" is displayed above a five-pointed star. To the right of the star, the name "John C. Voelkel" is written in three lines.

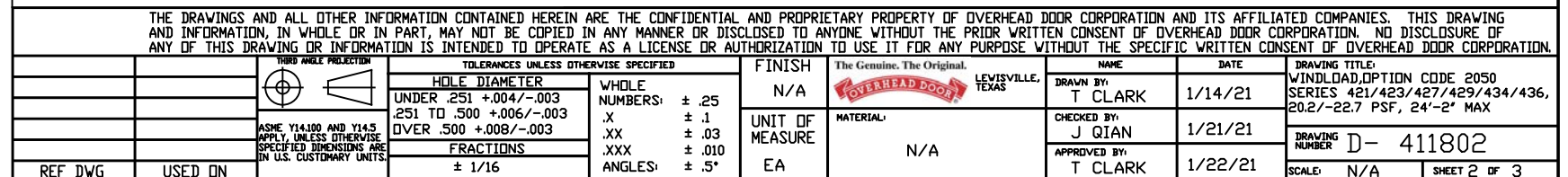
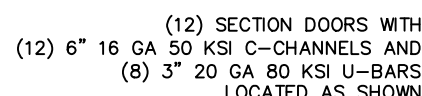
J. CHRISTIAN VOELKEL, PE
312 N. NEW WARRINGTON ROAD, UNIT 1A
PENSACOLA, FL
FL PE 82229
TX PE 133174

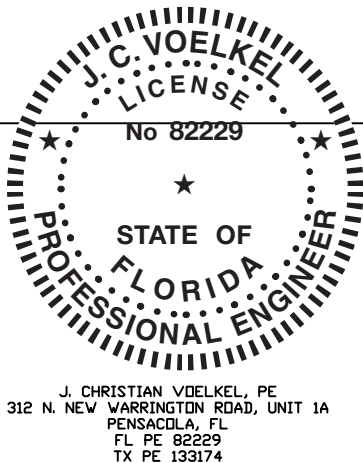
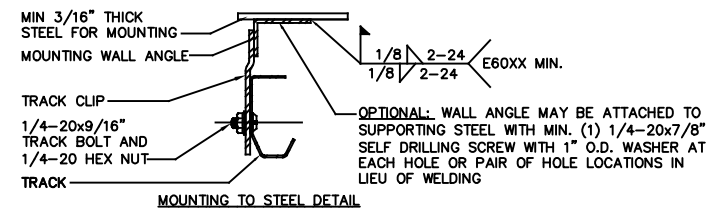
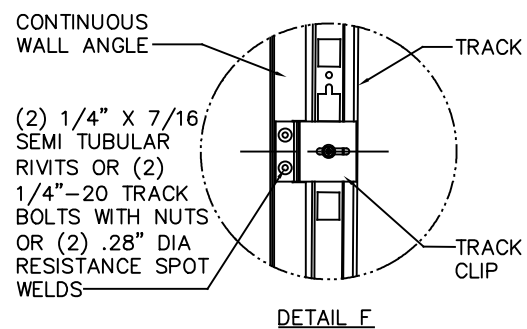
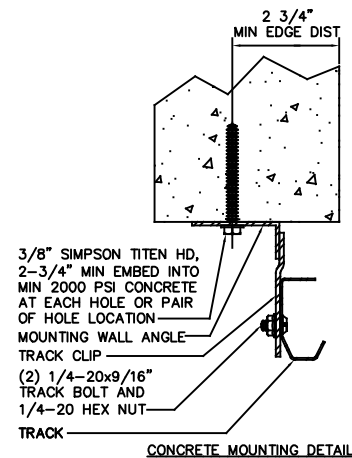
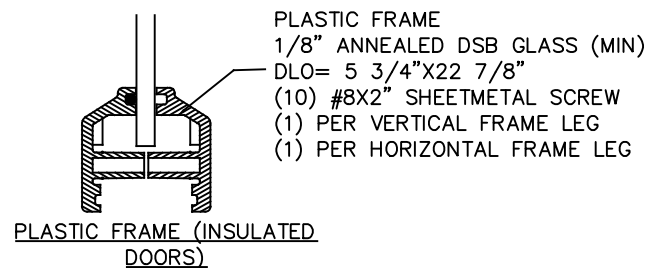
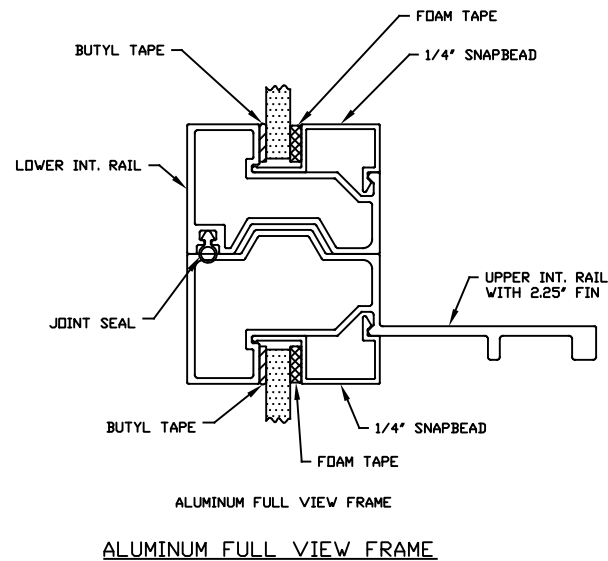
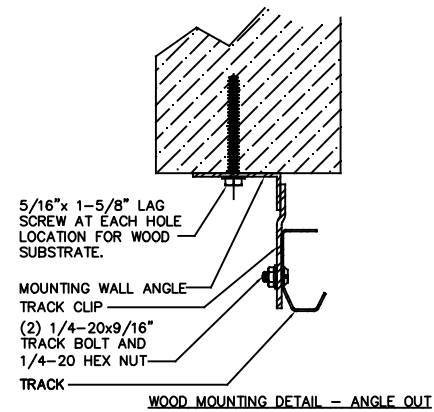
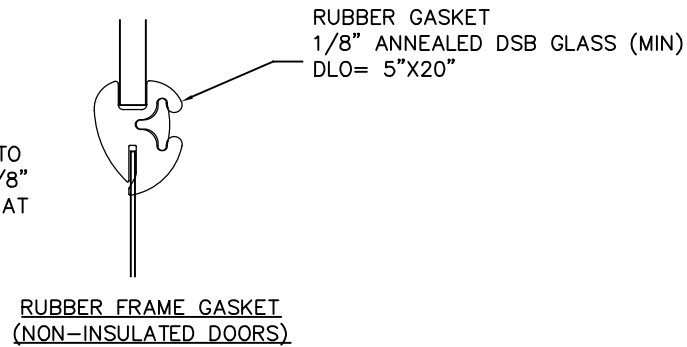
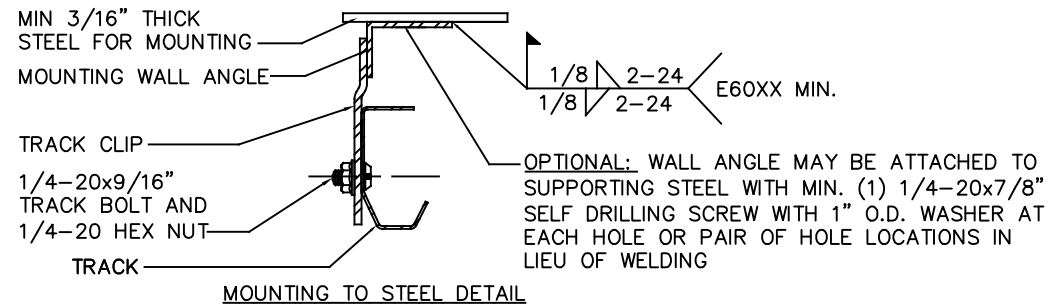
Digitally signed by
John Christian
Voelkel
Date: 2021.02.09
20:31:12 -06'00'

THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +20.2/-22.7	MAX WIDTH: 24'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

THE DRAWINGS AND ALL OTHER INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF OVERHEAD DOOR CORPORATION AND ITS AFFILIATED COMPANIES. THIS DRAWING AND INFORMATION, IN WHOLE OR IN PART, MAY NOT BE COPIED IN ANY MANNER OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION. NO DISCLOSURE OF ANY OF THIS DRAWING OR INFORMATION IS INTENDED TO OPERATE AS A LICENSE OR AUTHORIZATION TO USE IT FOR ANY PURPOSE WITHOUT THE SPECIFIC WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION.									
		THIRD ANGLE PROJECTION 	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	The Genuine. The Original.  LEWISVILLE, TEXAS	NAME DRAWN BY: T CLARK	DATE 1/14/21	DRAWING TITLE: WINDLOAD/OPTION CODE 2050 SERIES 421/423/427/429/434/436 20.2'-2" PSF, 24"-2" MAX
		ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	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°	UNIT OF MEASURE	MATERIAL: N/A	CHECKED BY: J QIAN	1/21/21	DRAWING NUMBER D- 411802
			FRACTIONS ± 1/16		EA		APPROVED BY: T CLARK	1/22/21	SCALE: N/A SHEET 1 OF 3
RFF DWG	USED ON								





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REF DWG	USED ON		TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	The Genuine. The Original. 	NAME T CLARK	DATE 1/14/21	DRAWING TITLE: WINDLOAD/OPTION CODE 2050 SERIES 421/423/427/429/434/436, 20.2/-22.7 PSF, 24'-2" MAX
			HOLE DIAMETER	WHOLE NUMBERS:					
			UNDER .251 +.004/--.003	± .25	UNIT OF MEASURE EA	MATERIAL: N/A	CHECKED BY: J QIAN	1/21/21	DRAWING NUMBER D- 411802
			.251 TO .500 +.006/--.003	± .1					
			OVER .500 +.008/--.003	± .03			APPROVED BY: T CLARK	1/22/21	SCALE: N/A
			FRACTIONS	± .010					
			± 1/16	ANGLES: ± .5°					SHEET 3 OF 3