

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 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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
14'-2"	ALL	+80.8/-90.0

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +11.4/-12.7	MAX WIDTH: 14'-2" MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

13 GA HORIZ ANGLE

15 GA MIN HORIZ TRACK

13 GA CONTINUOUS WALL ANGLE

15 GA MIN VERT TRACK

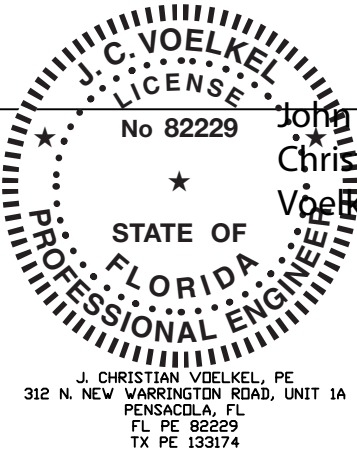
5/16"x1-5/8" LAG SCREW AT EACH HOLE LOCATION FOR WOOD SUBSTRATE. SEE SHEET 3 FOR MOUNTING TO OTHER SUBSTRATES.

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

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

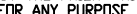
SLIDE LOCK ONE END (NOT REQUIRED WITH OPERATOR - SEE NOTE 4)

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.



Digitally signed by John Christian Voelkel
Date: 2021.02.11 22:27:01 -06'00'

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

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			TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	The Genuine. The Original.		NAME	DATE	DRAWING TITLE:	
			HOLE DIAMETER	WHOLE NUMBERS: ± .25	N/A		LEWISVILLE, TEXAS	DRAWN BY:	1/14/21	WINDLOAD/OPTION CODE 2030	
			UNDER .251 +.004/--.003	.X ± .1				T CLARK			SERIES 421/423/427/429/434/436,
			.251 TO .500 +.006/--.003	.XX ± .03	UNIT OF MEASURE	MATERIAL:		CHECKED BY:			
			OVER .500 +.008/--.003	.XXX ± .010				J QIAN			
			FRACTIONS	ANGLES: ± .5°		N/A		APPROVED BY:		DRAWING NUMBER	
			± 1/16		EA			T CLARK		D- 411794	
REF DWG	USED ON	ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.								SCALE: N/A	SHEET 1 OF 3

A technical diagram showing a cable being connected to a terminal block. The cable is inserted into a slot on the side of the block, and a screw is used to secure it. The diagram is enclosed in a dashed circle.

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

HALF HINGE

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

A diagram showing a cross-section of a pipe. A central vertical support is shown, with a dashed circle around it. A line points from the text 'The pipe is supported by a central support' to the central support.

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

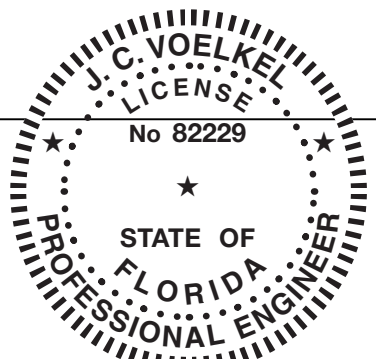
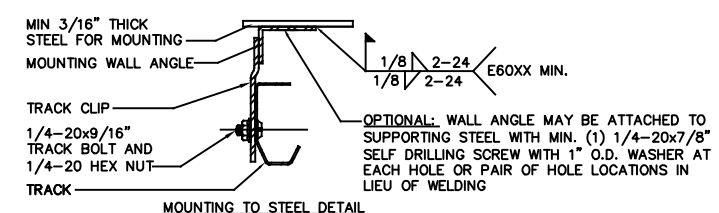
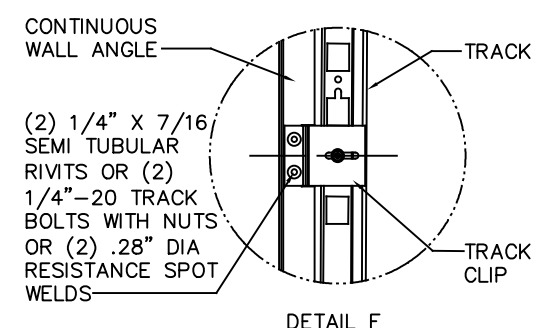
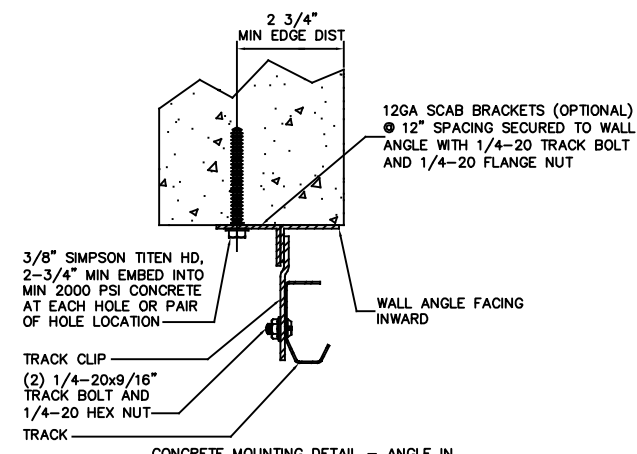
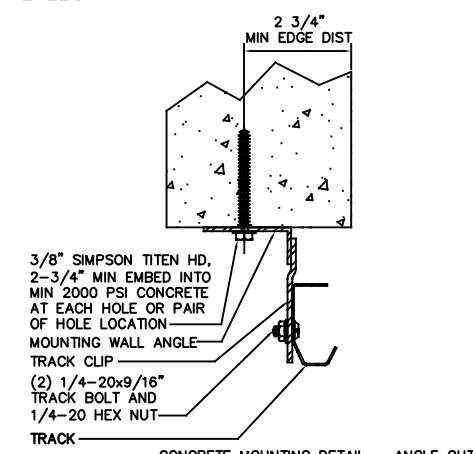
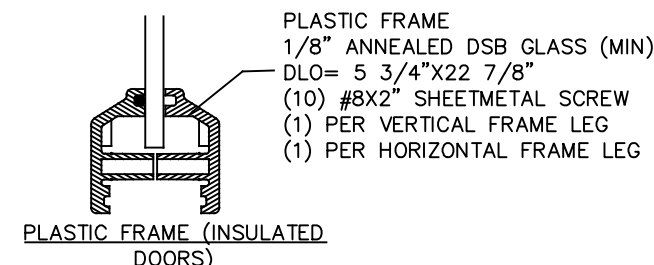
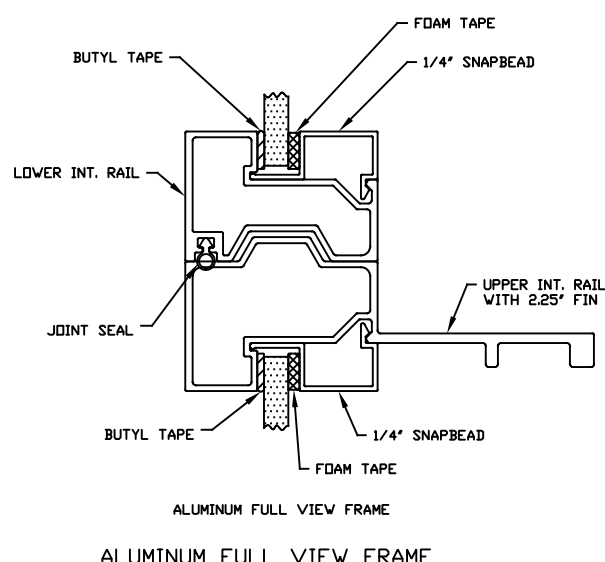
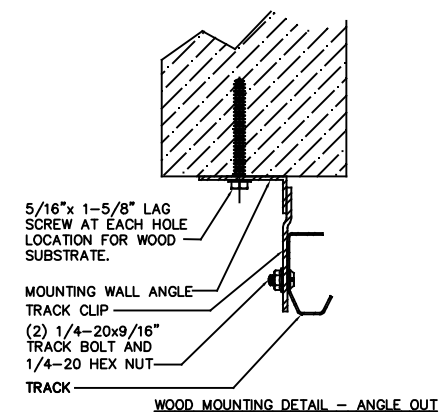
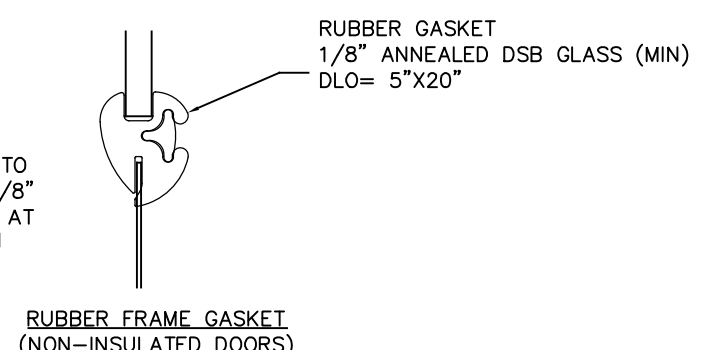
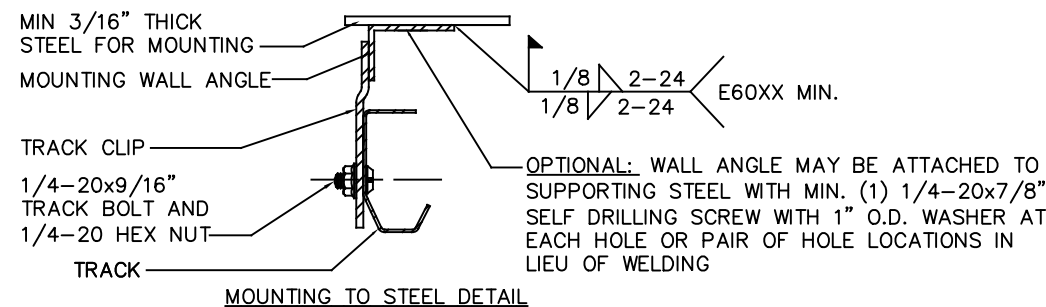
(8) SECTION DOORS WITH
(6) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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

The seal is circular with a double-lined border. The outer border contains the text "J. C. VOELKEL" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by dots. The inner border contains the word "LICENSE" at the top and "STATE OF FLORIDA" at the bottom, also separated by dots. In the center of the seal, the license number "No 82229" is displayed above a single five-pointed star.

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 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED <table border="1"> <tr> <th colspan="2">HOLE DIAMETER</th> </tr> <tr> <td>UNDER .251 +.004/- .003</td> <td rowspan="3"> <table border="1"> <tr> <td>WHOLE NUMBERS:</td> <td>± .25</td> </tr> <tr> <td>.251 TO .500 +.006/- .003</td> <td>± .1</td> </tr> <tr> <td>OVER .500 +.008/- .003</td> <td>± .010</td> </tr> </table> </td> </tr> <tr> <td colspan="2">FRACTIONS</td> </tr> <tr> <td>± 1/16</td> <td>± .5*</td> </tr> </table>		HOLE DIAMETER		UNDER .251 +.004/- .003	<table border="1"> <tr> <td>WHOLE NUMBERS:</td> <td>± .25</td> </tr> <tr> <td>.251 TO .500 +.006/- .003</td> <td>± .1</td> </tr> <tr> <td>OVER .500 +.008/- .003</td> <td>± .010</td> </tr> </table>	WHOLE NUMBERS:	± .25	.251 TO .500 +.006/- .003	± .1	OVER .500 +.008/- .003	± .010	FRACTIONS		± 1/16	± .5*	FINISH N/A	The Genuine. The Original. 	NAME T CLARK	DATE 1/14/21	DRAWING TITLE: WINDLOAD, OPTION CODE 2030 SERIES 421/423/427/429/434/436, 11.4/-12.7 PSF, 14'-2" MAX
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		UNIT OF MEASURE 	MATERIAL: N/A	CHECKED BY: J QIAN		DRAWING NUMBER D- 411794																	
REF DWG	USED ON	EA		APPROVED BY: T CLARK			SCALE: N/A SHEET 2 OF 3																



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	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

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SCALE: N/A							SHEET 3 OF 3		