

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 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.

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

5. SLIDE LOCK OR OPERATOR REQUIRED.

6. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
421, 423 - 20 GA
427, 429 - 24 GA
434, 436 - 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)
16'-2"	ALL	+255.4/-286.1

13 GA HORIZ ANGLE

15 GA MIN HORIZ TRACK

13 GA CONTINUOUS WALL ANGLE

15 GA MIN VERT TRACK

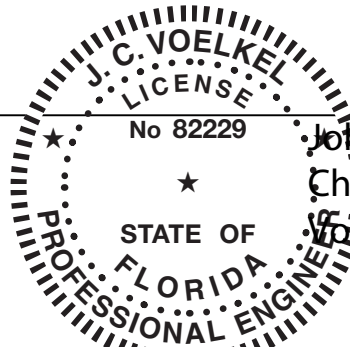
5/16"x1-5/8" LAG SCREW AT EACH HOLE LOCATION FOR WOOD SUBSTRATE. SEE SHEET 3 FOR MOUNTING TO OTHER SUBSTRATES.

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 8 AND DETAIL F SHEET 3

SLIDE LOCK BOTH ENDS (NOT REQUIRED WITH OPERATOR - SEE NOTE 5)

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.



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Digitally signed
by John
Christian Voelkel
Date: 2021.02.25
00:00:00 -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	
HOLE DIAMETER		N/A		OVERHEAD DOOR		LEWISVILLE, TEXAS		DRAWING TITLE:	
UNDER .251	+0.004/-0.003	WHOLE NUMBERS:	± .25	DRAWN BY:		T CLARK		1/14/21	
.251 TO .500	+0.006/-0.003	.X	± .1	CHECKED BY:		J QIAN		1/8/21	
OVER .500	+0.008/-0.003	.XX	± .03	APPROVED BY:		T CLARK		2/17/21	
FRACTIONS		.XXX	± .010	DRAWING NUMBER		D- 411800		SCALE: N/A	
± 1/16		ANGLES:	± .5°	UNIT OF MEASURE		EA		SHEET 1 OF 3	
REF DWG	USED ON								

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		THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH	The Genuine. The Original.		NAME		DATE	DRAWING TITLE:		
				HOLE DIAMETER			N/A	 LEWISVILLE, TEXAS		T CLARK		1/14/21	WINDLOAD, OPTION CODE 2046		
		ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS		UNDER .251 +.004/- .003			WHOLE NUMBERS: ± .25	UNIT OF MEASURE		MATERIAL:		J QIAN	1/8/21	SERIES 421/423/427/429/434/436	
	.251 TO .500 +.006/- .003			.X ± .1	31.6"-35.4 PSF, 16'-2" MAX										
	OVER .500 +.008/- .003			.XX ± .03											
		FRACTIONS			.XXX ± .010	EA		N/A		APPROVED BY:		2/17/21	DRAWING NUMBER		
REF DWG	USED ON	± 1/16			ANGLES: ± .5°					T CLARK			D- 411800		
													SCALE: N/A		
													SHEET 2 OF 3		

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		THIRD ANGLE PROJECTION 		TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH N/A		The Genuine, The Original. 		LEWISVILLE, TEXAS		
		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 ± .03 .XX ± .01 .XXX ± .010 ANGLES: ± 5°			UNIT OF MEASURE N/A		DRAWN BY: T CLARK	
		FRACCTIONS ± 1/16					MATERIAL: N/A		DATE 1/14/21		DRAWING TITLE: WINDLOAD, OPTION CODE 2046 SERIES 421/423/427/429/434/436, 31.6/-35.4 PSF, 16'-2" MAX		
RFF DWG		USED ON							CHECKED BY: J QIAN		1/8/21		
									APPROVED BY: T CLARK		2/17/21		
											DRAWING NUMBER D- 411800		
											SCALE: N/A SHEET 3 OF 3		