

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.

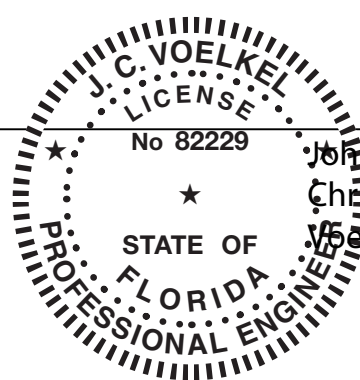
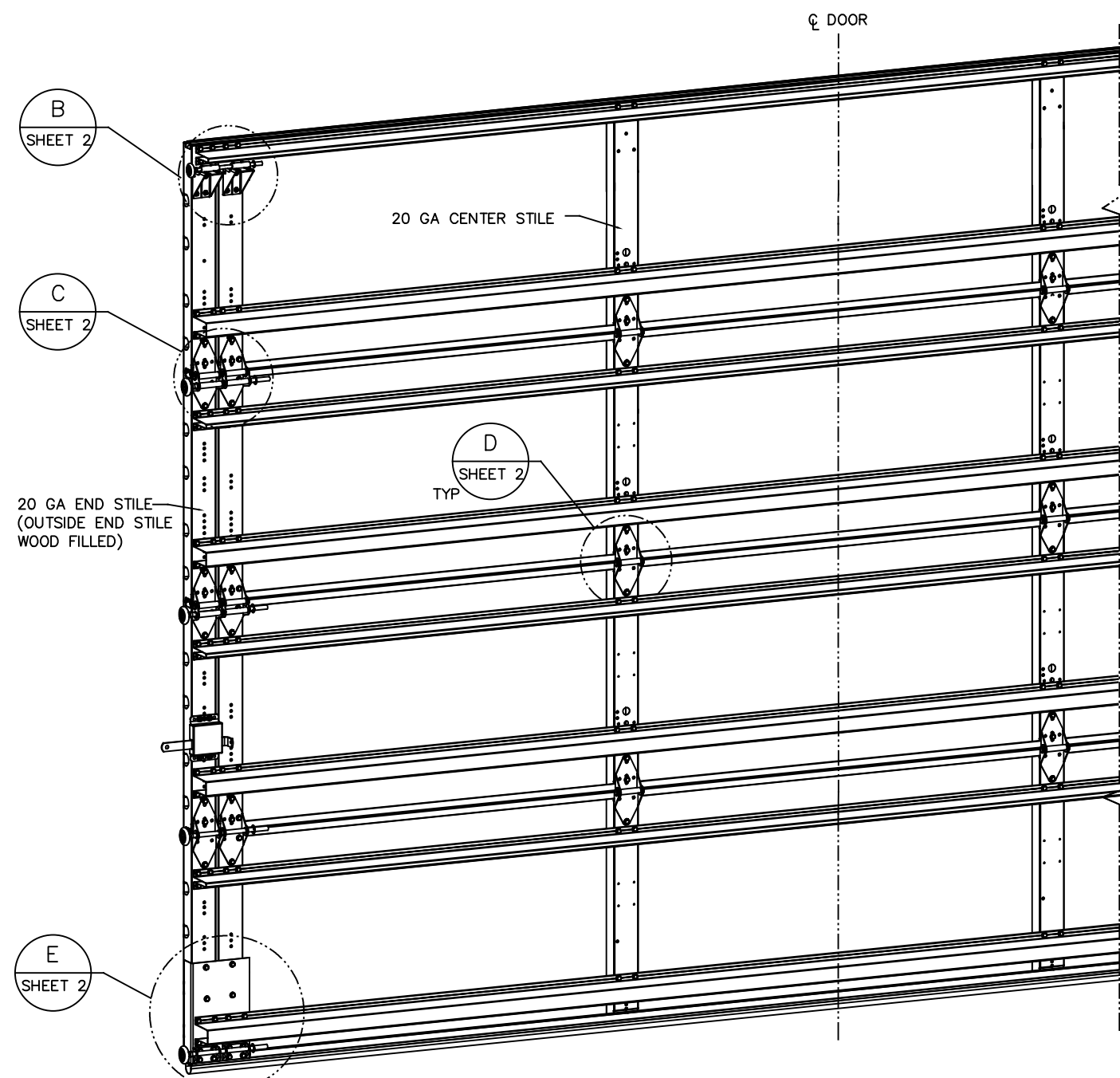
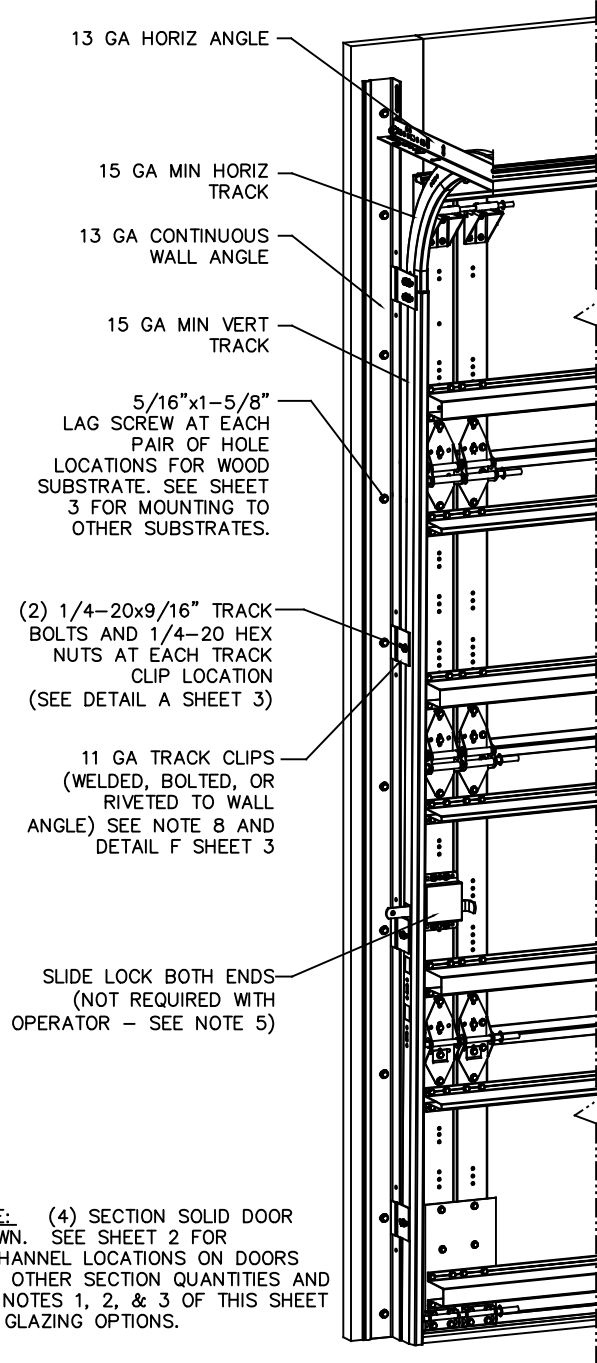
8. TRACK CLIPS SHALL BE LOCATED WITH CENTERLINE OF BOTTOM CLIP SPACED 10" MAX FROM BOTTOM OF TRACK AND REMAINING TRACK CLIPS SPACED AT 24" O.C. MAX. SPACING BETWEEN TOP TRACK CLIP AND SPLICE PLATE SHALL BE 30" O.C. MAX.

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)
12'-2"	ALL	+267.7/-303.0

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



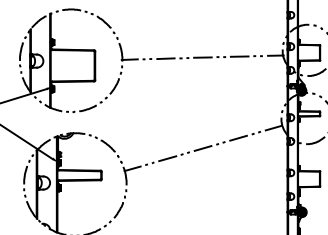
Digitally signed by John Christian Voelkel
Date: 2021.02.25 00:03:01 -06'00'

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

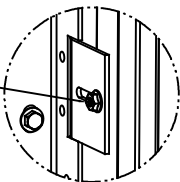
STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +44.0/-49.8	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: YES	MAX SECTION HEIGHT: 24'

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.									
REF DWG	USED ON	TOLERANCES UNLESS OTHERWISE SPECIFIED	HOLE DIAMETER	WHOLE NUMBERS:	FINISH	UNIT OF MEASURE	MATERIAL	NAME	DATE
			UNDER .251 +.004/--.003	± .25	N/A			DRAWN BY:	
			.251 TO .500 +.006/--.003	.X ± .1				T CLARK	1/14/21
			OVER .500 +.008/--.003	.XX ± .03				CHECKED BY:	
			FRACTIONS	.XXX ± .010				J QIAN	1/8/21
			± 1/16	ANGLES: ± .5°	EA			APPROVED BY:	
								T CLARK	1/26/21
							DRAWING TITLE: WINDLOAD/OPTION CODE 2026		
							SERIES 421/423/427/429/434/436, 44.0/-49.8 PSF, 12'-2" MAX		
							DRAWING NUMBER D- 411793		
							SCALE: N/A SHEET 1 OF 3		

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

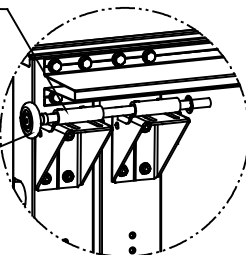


1/4-20x9/16" TRACK BOLT
AND 1/4-20 HEX NUT
THROUGH THE SLOT IN THE
TRACK AND TRACK CLIP—



DETAIL A

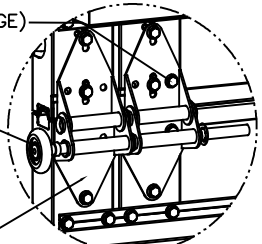
12 GA COMMERCIAL TOP FRAME
BRACKETS WITH 13 GA ROLLER
CARRIERS, EACH ATTACHED WITH
(4) 1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS



DETAIL B

2" 1144 STEEL ROLLER WITH
7/16" DIA. x 9" LONG STEM AND
7/16" PUSH NUT AT TOP ROLLER
LOCATION. 1/4" MAX BETWEEN
PUSH NUT AND BRACKET.

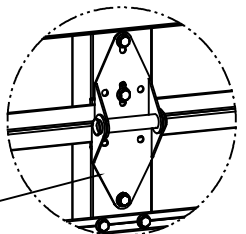
ADD (2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH INSIDE END HINGE)



DETAIL C

2" 1144 STEEL ROLLER WITH
7/16" DIA. x 9" LONG STEM
AT EACH ROLLER LOCATION
WITH 7/16" PUSH NUT 1/4" —
MAX BETWEEN PUSH NUT AND
OUTER HINGE.

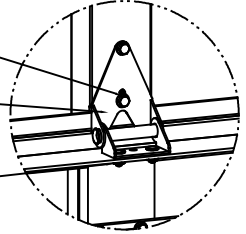
13 GA MODIFIED WIDE BODY
END HINGE ATTACHED WITH
(4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS



SOLID SECTION

14 GA WIDE BODY
INTERMEDIATE HINGE
ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

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



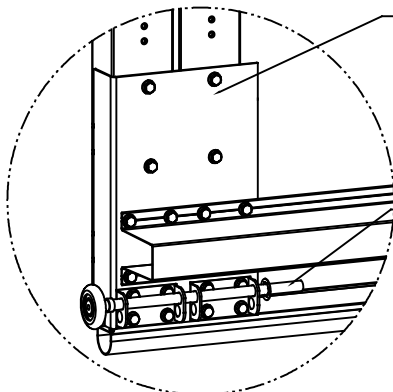
AFV SECTION

HALF HINGE-

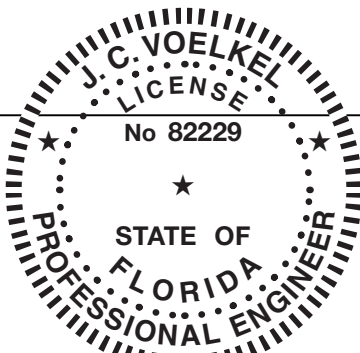
(2) 1/4 x 1/2"
CARRIAGE BOLTS AND
1/4" FLANGE NUTS—

-11 GA DOUBLE BOTTOM BRACKET
ATTACHED WITH (20) 1/4-14x7/8"
SELF DRILLING CRIMPITE SCREWS (8
OF WHICH ARE USED IN ATTACHMENT
OF STRUT AND 8 OF WHICH ARE
USED TO ATTACH 12 GA ROLLER
CARRIERS)

2" 1144 STEEL ROLLER
WITH 7/16" DIA. x 9"
LONG STEM AND 7/16"
PUSH NUT. 1/4" MAX
BETWEEN PUSH NUT AND
BRACKET.



DETAIL E

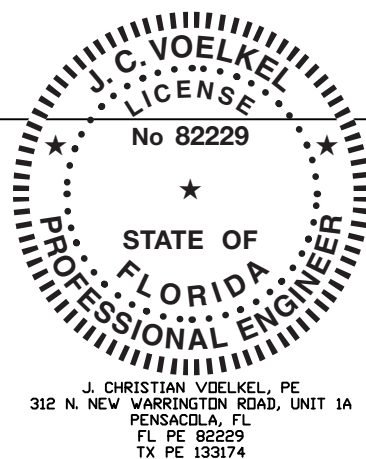
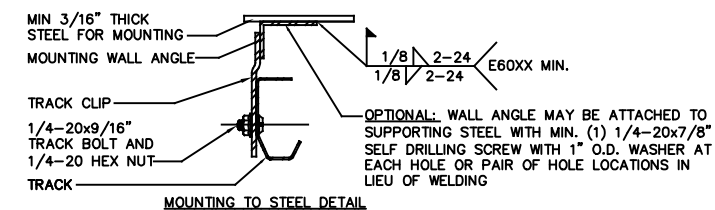
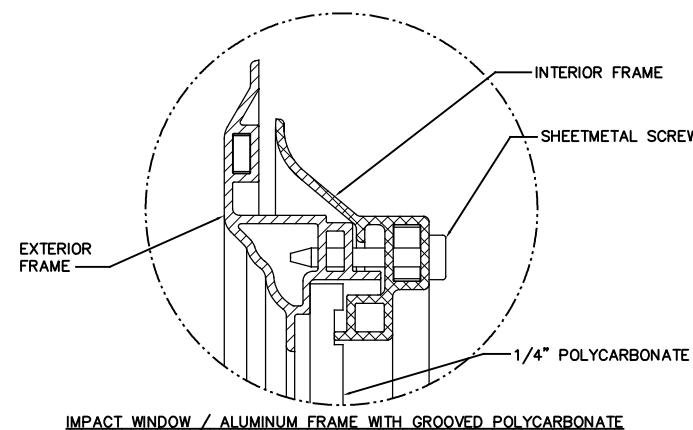
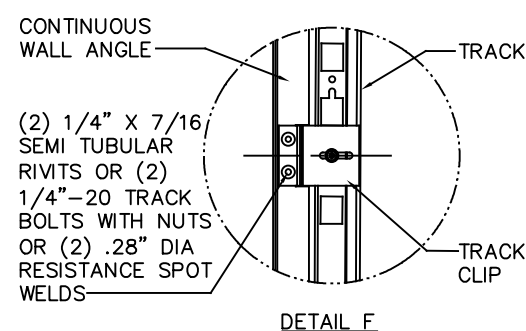
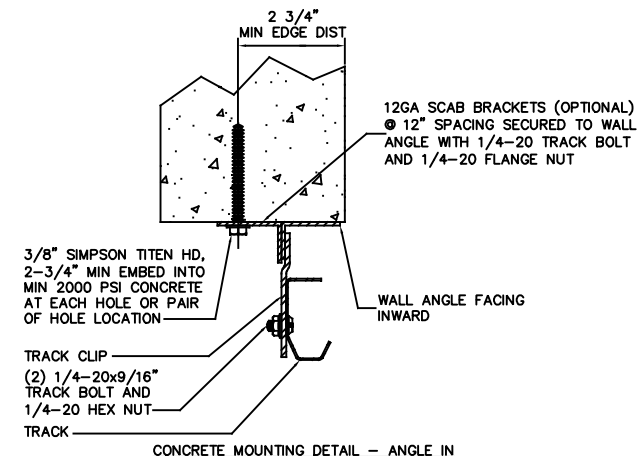
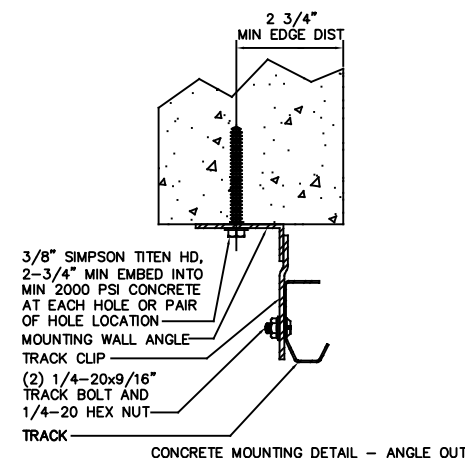
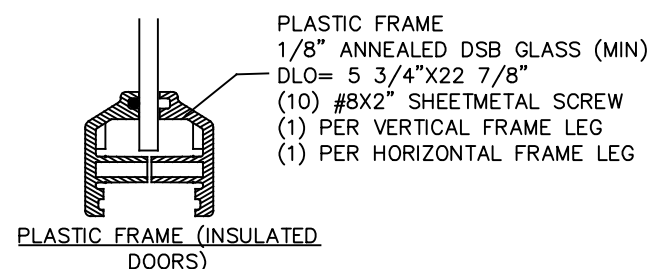
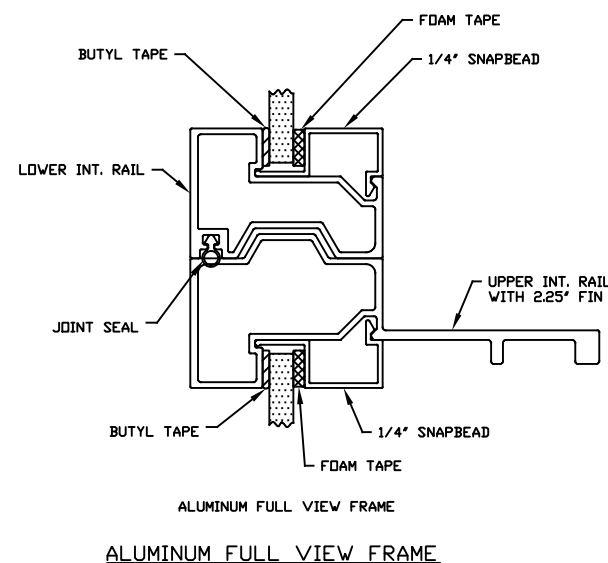
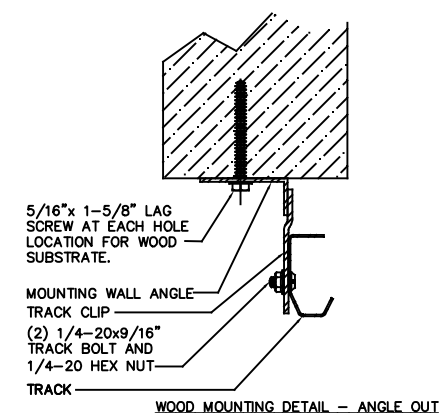
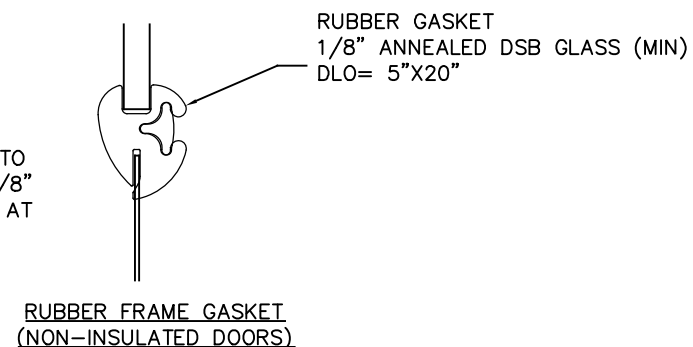
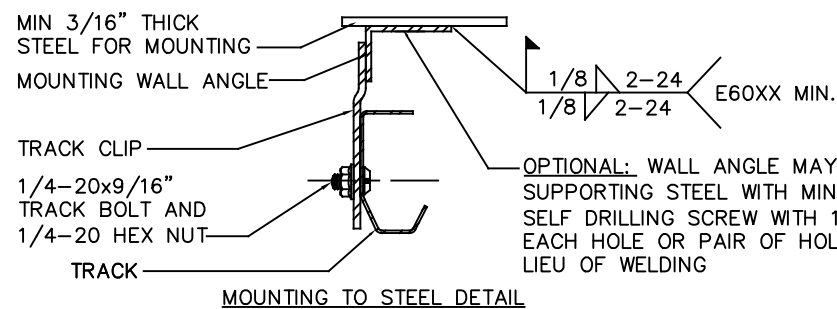


J. CHRISTIAN VOELKEL, PE
312 N. NEW WARRINGTON ROAD, UNIT 1A
PENSACOLA, FL
FL PE 82229
TX PE 133174

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.

			TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	The Genuine, The Original.	LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:			
			HOLE DIAMETER		WHOLE NUMBERS: ± .25 .X ± 1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°	N/A		DRAWN BY: T CLARK	1/14/21	WINDLOAD, OPTION CODE 2026			
			UNDER .251 +.004 / -.003			UNIT OF MEASURE				MATERIAL:	CHECKED BY: J QIAN	1/8/21	SERIES 421/423/427/429/434/436, 44.0/-49.8 PSF, 12'-2" MAX
			251 TO .500 +.006 / -.003			FRACTIONS					APPROVED BY: T CLARK	1/26/21	DRAWING NUMBER D- 411793
REF DWG	USED ON	 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	OVER .500 +.008 / -.003	± 1/16	EA	N/A				SCALE: N/A SHEET 2 OF 3			

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +44.0/-49.8	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: YES	MAX SECTION HEIGHT: 24"



STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +44.0/-49.8	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: YES	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 T CLARK	DATE 1/14/21	DRAWING TITLE: WINDLAD, OPTION CODE 2026 SERIES 421/423/427/429/434/436 44.0"-49.8 PSF, 12'-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 FRACTIONS ± 1/16	WHOLE NUMBERS: ± .25 .X ± .03 .XX ± .01 .XXX ± .010 ANGLES: ± .5°	UNIT OF MEASURE EA	MATERIAL: N/A	CHECKED BY: J QIAN	1/8/21	DRAWING NUMBER D- 411793
REF DWG	USED ON						APPROVED BY: T CLARK	1/26/21	SCALE: N/A SHEET 3 OF 3