

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

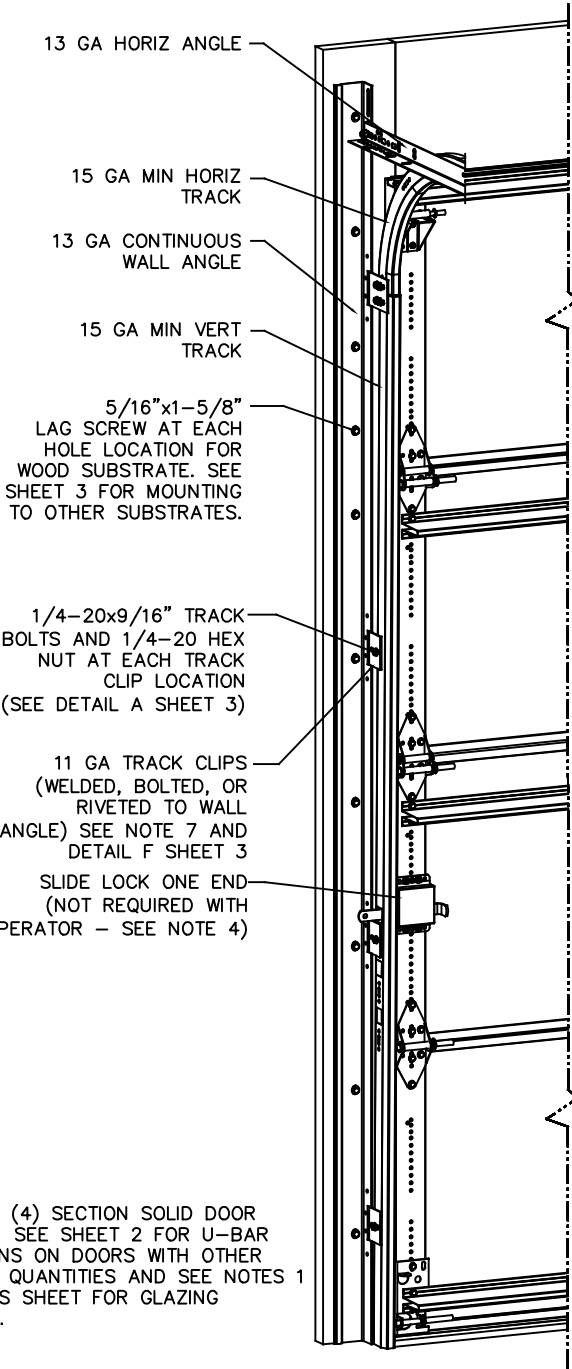
6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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.

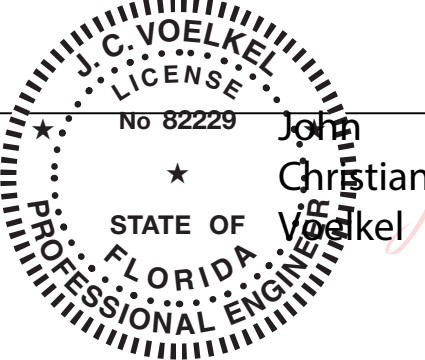
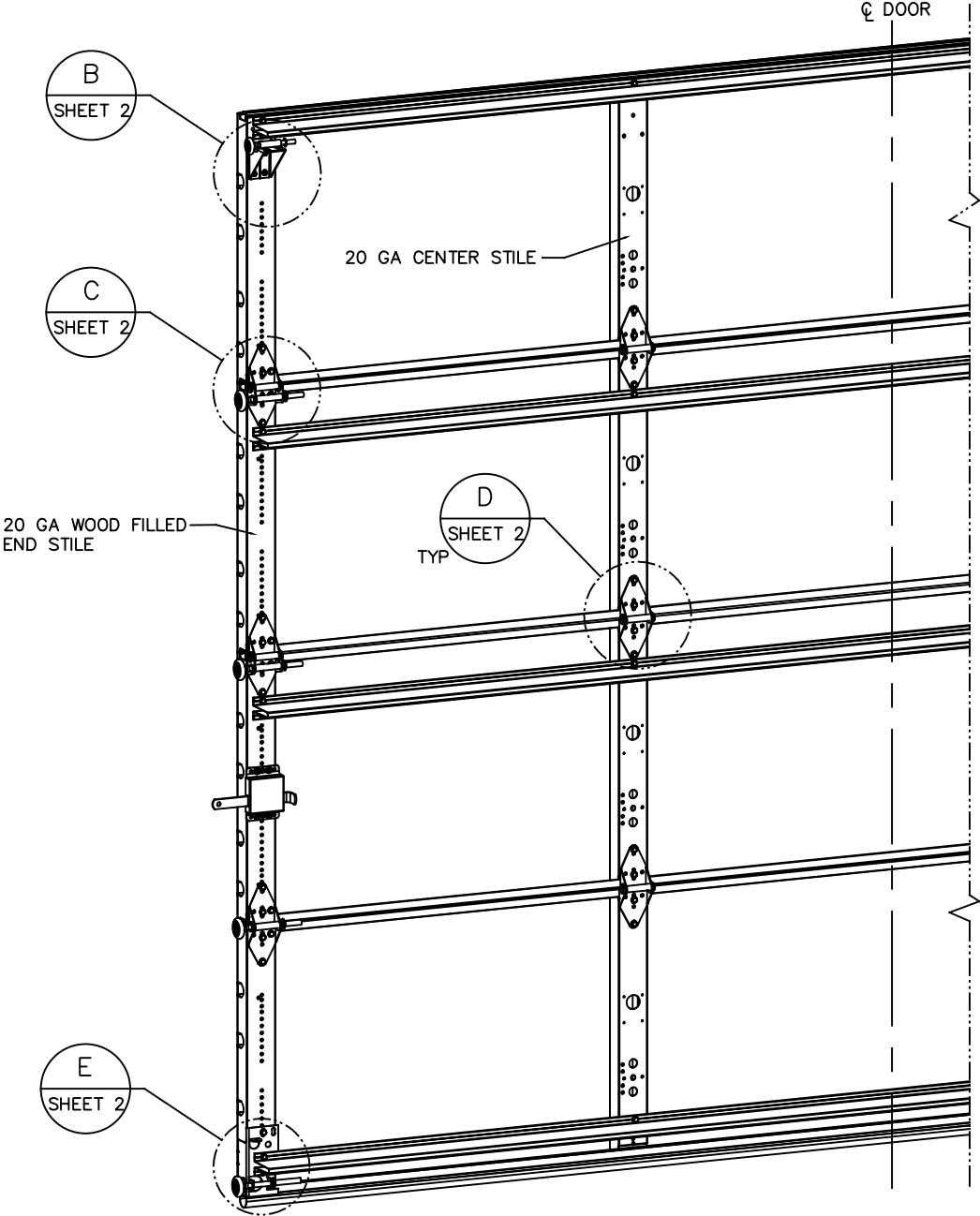
8. WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
12'-2"	ALL	+127.1/-143.6



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.



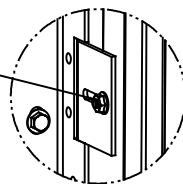
Digitally signed by John Christian Voelkel
Date: 2021.02.11 22:30:15 -06'00'

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

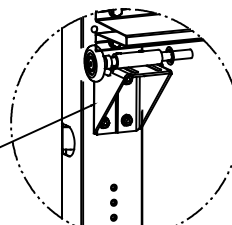
STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +20.9/-23.6	MAX WIDTH: 12'-2" MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

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REF DWG	USED ON	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISH	MATERIAL	NAME	DATE	DRAWING TITLE	DRAWING NUMBER	SCALE
ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	THIRD ANGLE PROJECTION	HOLE DIAMETER	WHOLE NUMBERS: ± .25	N/A	DRAWN BY: T CLARK	1/14/21	WINDLOAD, OPTION CODE 2024	D-411790	SHEET 1 OF 3
		UNDER .251 +.004/--.003	.X ± .1	UNIT OF MEASURE	CHECKED BY: J QIAN		SERIES 421/423/427/429/434/436, 20.9/-23.6 PSF, 12'-2" MAX		
		.251 TO .500 +.006/--.003	.XX ± .03	EA	APPROVED BY: T CLARK				
		OVER .500 +.008/--.003	.XXX ± .010						
		FRACTIONS	ANGLES: ± .5°						
		± 1/16							

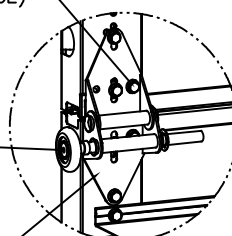
1/4-20x9/16" TRACK BOLT
AND 1/4-20 HEX NUT
THROUGH THE SLOT IN THE
TRACK AND TRACK CLIP_____



12 GA COMMERCIAL TOP FRAME
BRACKET WITH 13 GA ROLLER
CARRIER ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

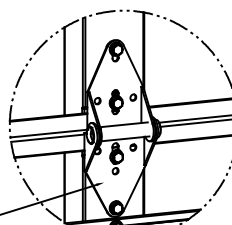


ADD (2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH INSIDE END HINGE)

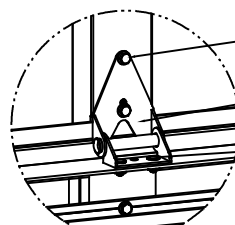


2" STEEL ROLLER WITH
5-1/8" STEM AND 7/16"
PUSHNUT AT EACH ROLLER
LOCATION. 1/4" MAX
BETWEEN PUSHNUT AND
BRACKET OR HINGE _____

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



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

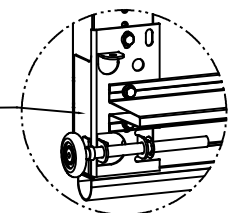


— (2) 1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

—HALF HINGE

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

DETAIL D



12 GA BOTTOM BRACKET
ATTACHED WITH (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS (2 THROUGH
STRUT AND BRACKET)

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

(11) SECTION DOORS WITH
(11) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

(9) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

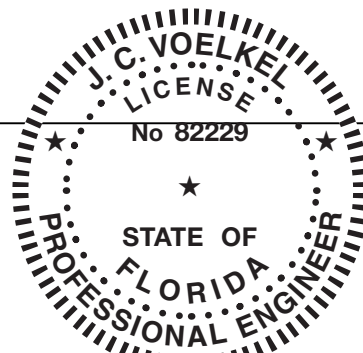
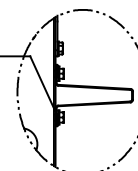
(7) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

(5) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
AT ALL STILE LOCATIONS, TYP.

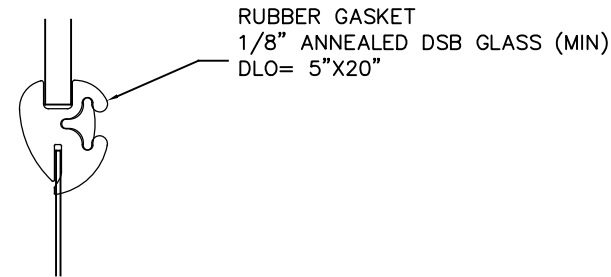


J. CHRISTIAN VOELKEL, PE
312 N. NEW WARRINGTON ROAD, UNIT 1A
PENSACOLA, FL
FL PE 82229
TX PE 133174

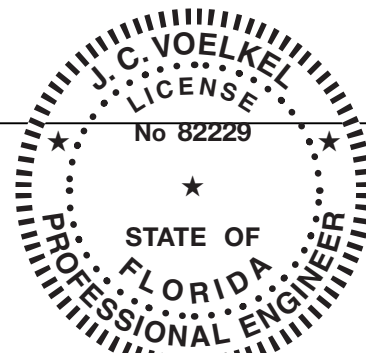
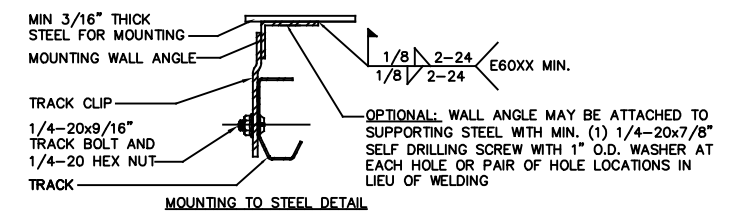
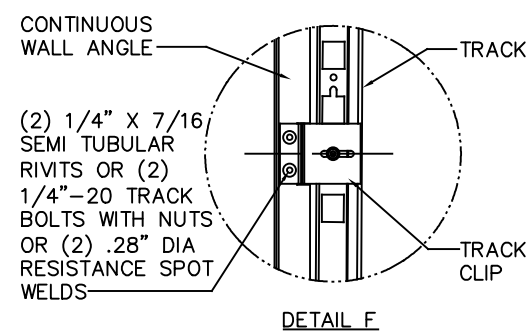
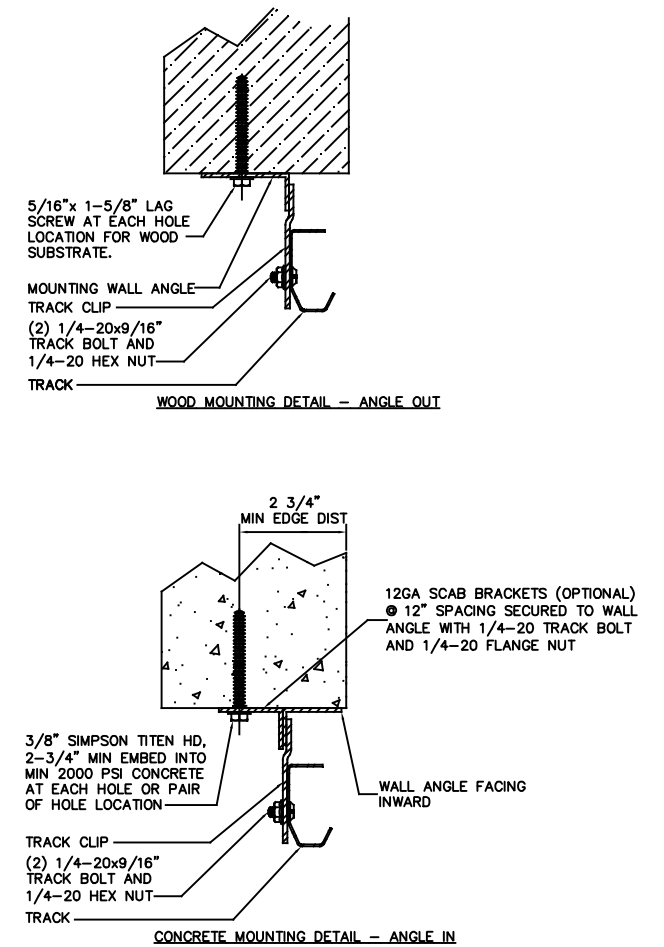
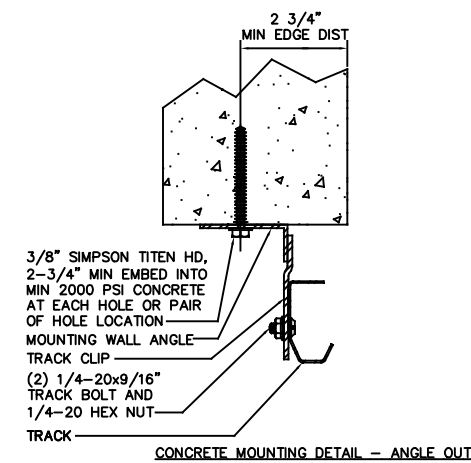
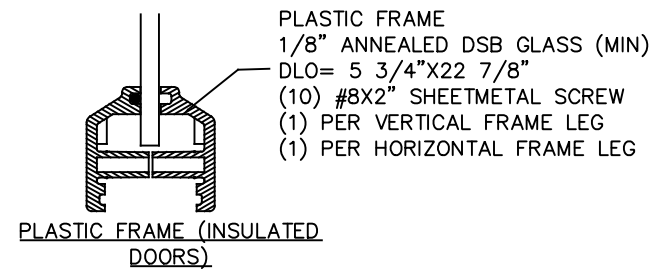
STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +20.9/-23.6	MAX WIDTH: 12'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

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REF DWG		USED ON			TOLERANCES UNLESS OTHERWISE SPECIFIED UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003		WHOLE NUMBERS: ± .25 .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°		FINISH N/A		The Genuine. The Original.  LEVISTVILLE, TEXAS		NAME T CLARK		DATE 1/14/21		DRAWING TITLE: VINDLDO, OPTION CODE 0024 SERIES 421/423/427/429/434/436 20.9/-23.6 PSF, 12'-2" MAX	
			ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS		FRACTIONS ± 1/16		UNIT OF MEASURE EA		MATERIAL N/A		CHECKED BY J QIAN		D- 411790		SCALE: N/A		SHEET 2 OF 3	



RUBBER FRAME GASKET
(NON-INSULATED DOORS)



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

STATIC PRESSURE RATINGS	APPROVED SIZES
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	MAX HEIGHT: 24'–1"
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		TOLERANCES UNLESS OTHERWISE SPECIFIED HOLE DIAMETER UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003 FRACTIONS ± 1/16		WHOLE NUMBERS: .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°		FINISH N/A UNIT OF MEASURE EA		The Genuine. The Original.  LEVISOVILLE, TEXAS MATERIAL N/A		NAME DRAWN BY T CLARK DATE 1/14/21		DRAWING TITLE: WINDLOAD, OPTION CODE 2024 SERIES 421/423/427/429/434/436, 20.9"/-23.6 PSF, 12'-2" MAX D- 411790 SCALE: N/A		SHEET 3 OF 3	
REF DWG USED ON		THIRD ANGLE PROJECTION ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.								APPROVED BY T CLARK		DRAWING NUMBER D- 411790			