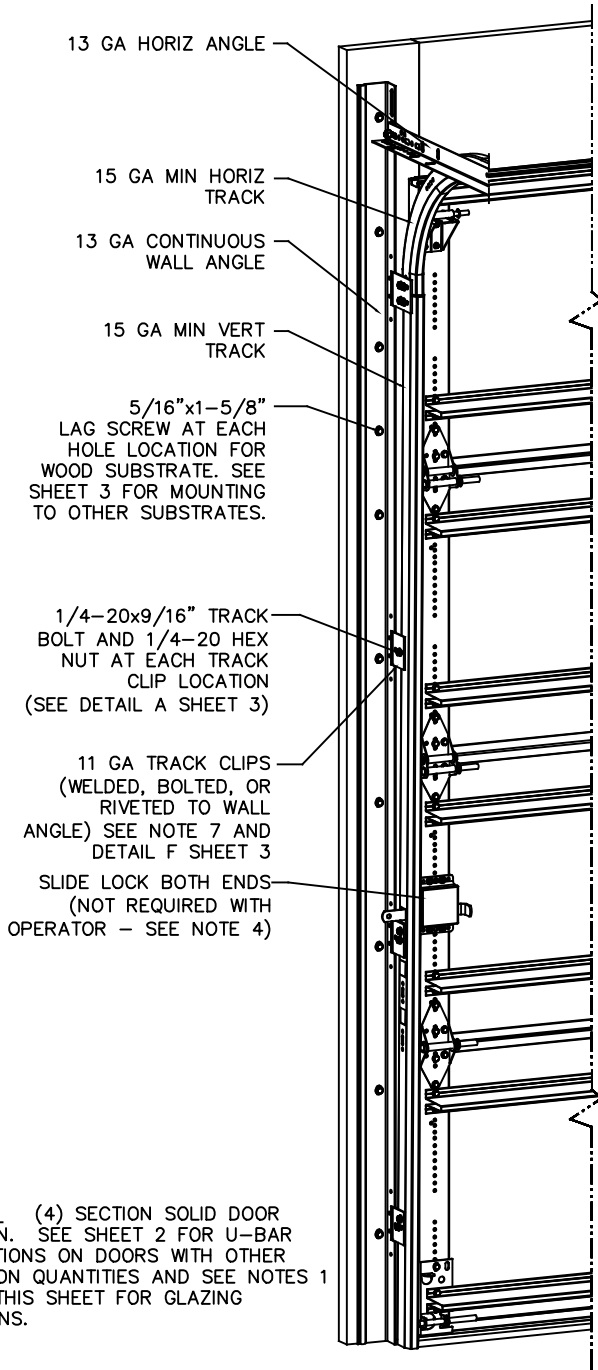


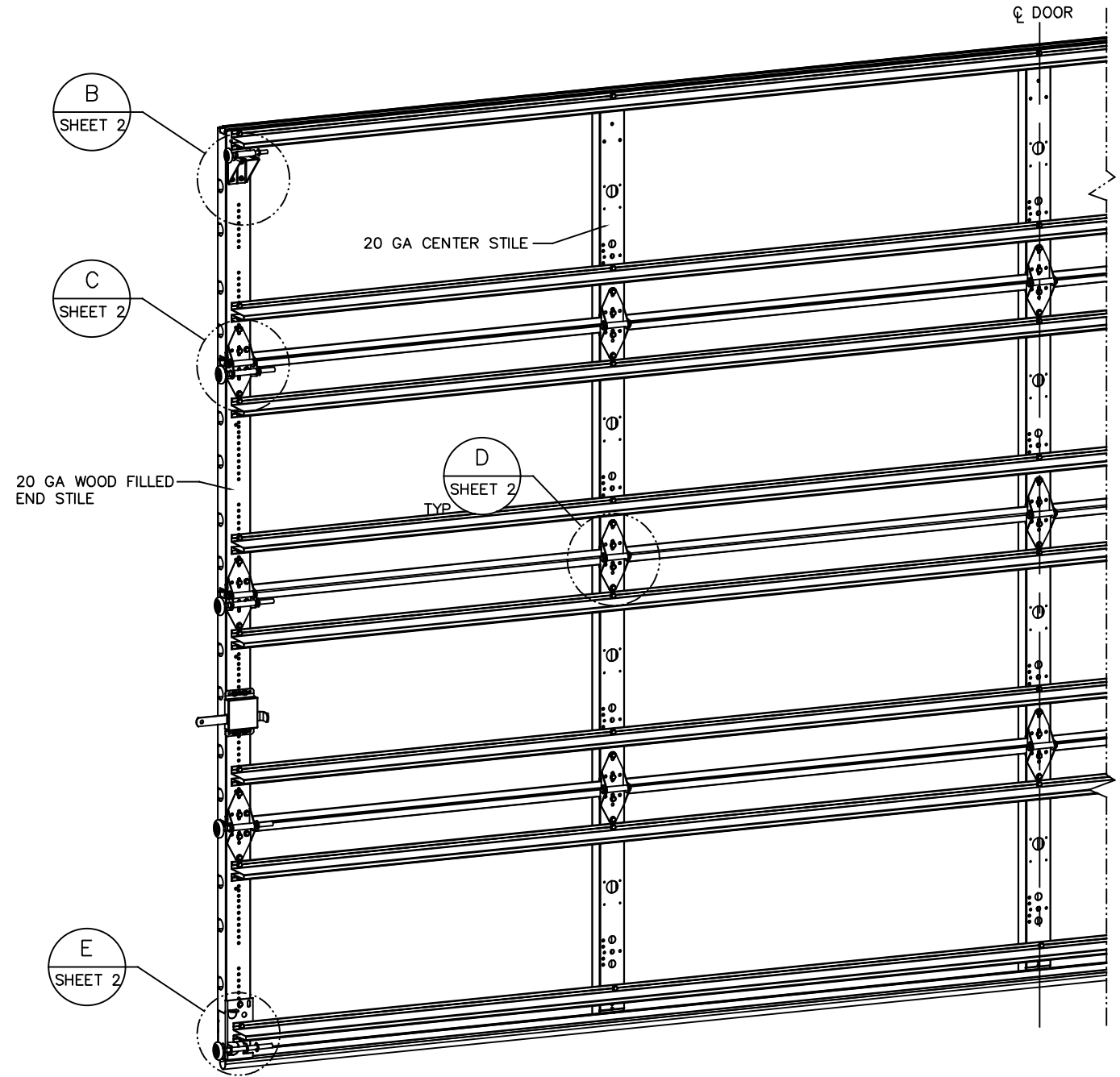
NOTES

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 LOCKS 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.

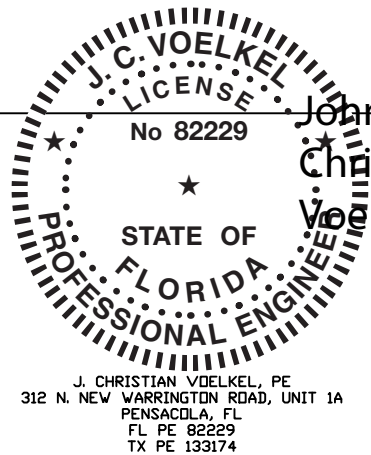
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
16'-2"	ALL	+163.3/-183.5



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



REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
WL005	-	INITIAL DRAWING	1/14/2021	TLC

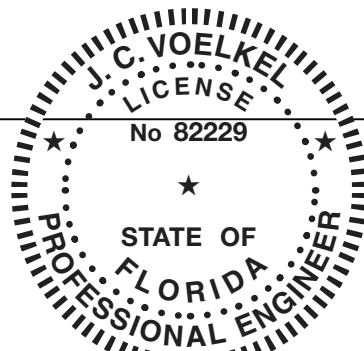


Digitally signed
by John Christian
Voelkel
Date: 2021.02.10
09:06:52 -06'00'

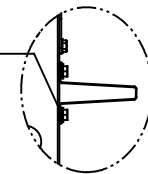
THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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REF DWG		USED ON		TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		The Genuine. The Original.	
				HOLE DIAMETER		N/A		OVERHEAD DOOR	
				UNDER .251 +.004/--.003		WHOLE NUMBERS: ± .25		NAME	
				.251 TO .500 +.006/--.003		.X ± .1		DRAWN BY:	
				OVER .500 +.008/--.003		.XX ± .03		T CLARK	
				FRACTIONS		.XXX ± .010		DATE	
				± 1/16		EA		1/14/21	
								DRAWING TITLE:	
								WINDLOAD OPTION CODE 2041	
								SERIES 421/423/427/429/434/436,	
								20.2/-22.7 PSF, 16'-2" MAX	
								DRAWING NUMBER	
								D- 411798	
								SCALE: N/A	
								SHEET 1 OF 3	

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

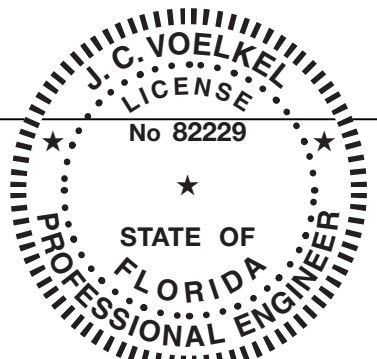
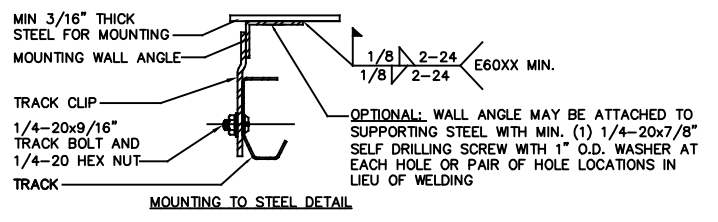
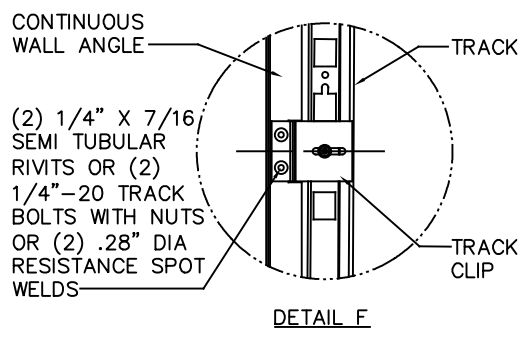
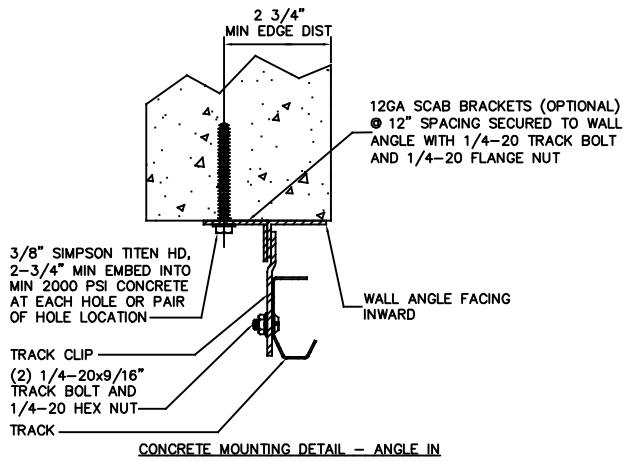
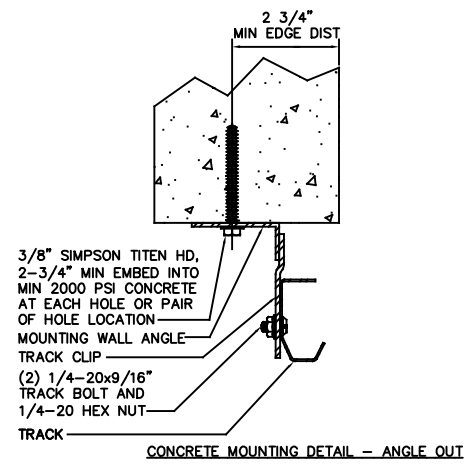
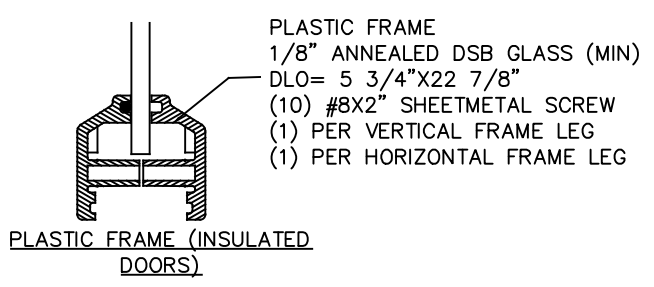
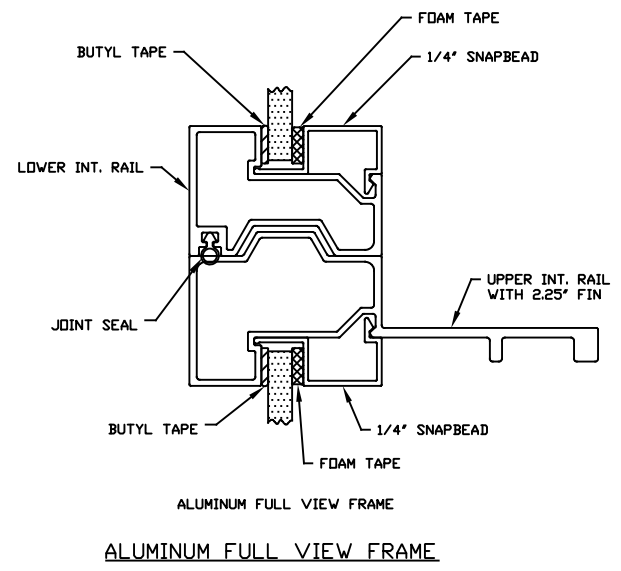
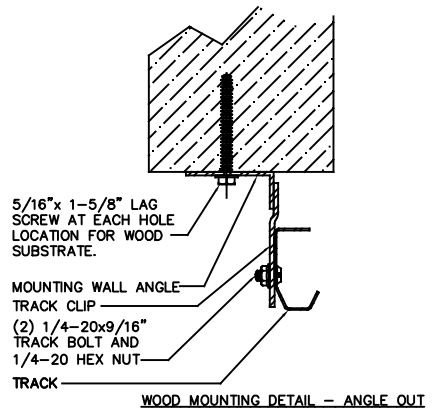
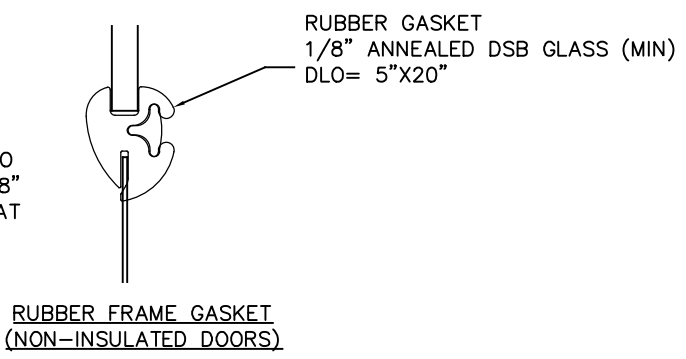
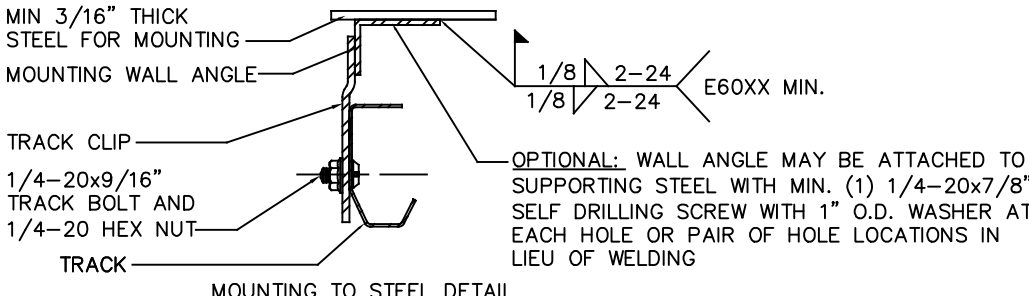
DETAIL E

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



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

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		THIRD ANGLE PROJECTION  ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	The Genuine. The Original.  LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:			
			HOLE DIAMETER				WHOLE NUMBERS: ± .25	DRAWN BY: T CLARK	1/14/21	WINDOW/LATION CODE 2041 SERIES 421/423/427/429/434/436, 202/2-22.7 PSF, 16"-2" MAX		
			UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003				.X ± .01 .XX ± .03 .XXX ± .010 ANGLES: ± .5°	CHECKED BY: J QIAN		DRAWING NUMBER D- 411798		
			FRACTIONS					APPROVED BY: T CLARK		SCALE: N/A SHEET 2 OF 3		
REF DWG	USED ON		± 1/16		EA	N/A						



STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +20.2/-22.7	MAX WIDTH: 16'-2"
	MAX HEIGHT: 24'-1"
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

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

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			TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	 The Genuine. The Original. LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:		
			HOLE DIAMETER	WHOLE NUMBERS:	N/A		DRAWN BY:	1/14/21	WINDLOAD, OPTION CODE 2041		
			UNDER .251 +.004/-0.003	.X ± .25	UNIT OF MEASURE	MATERIAL:	CHECKED BY:	J QIAN	SERIES 421/423/427/429/434/436,		
			.251 TO .500 +.006/-0.003	.XX ± .03					20.2'-22.7' PSF, 16'-2" MAX		
			OVER .500 +.008/-0.003	.XXX ± .010							
			FRACTIONS	ANGLES:							
REF DWG	USED ON	ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	± 1/16	± .5°	EA	N/A	APPROVED BY:	T CLARK	DRAWING NUMBER D- 411798		
									SCALE: N/A	SHEET 3 OF 3	