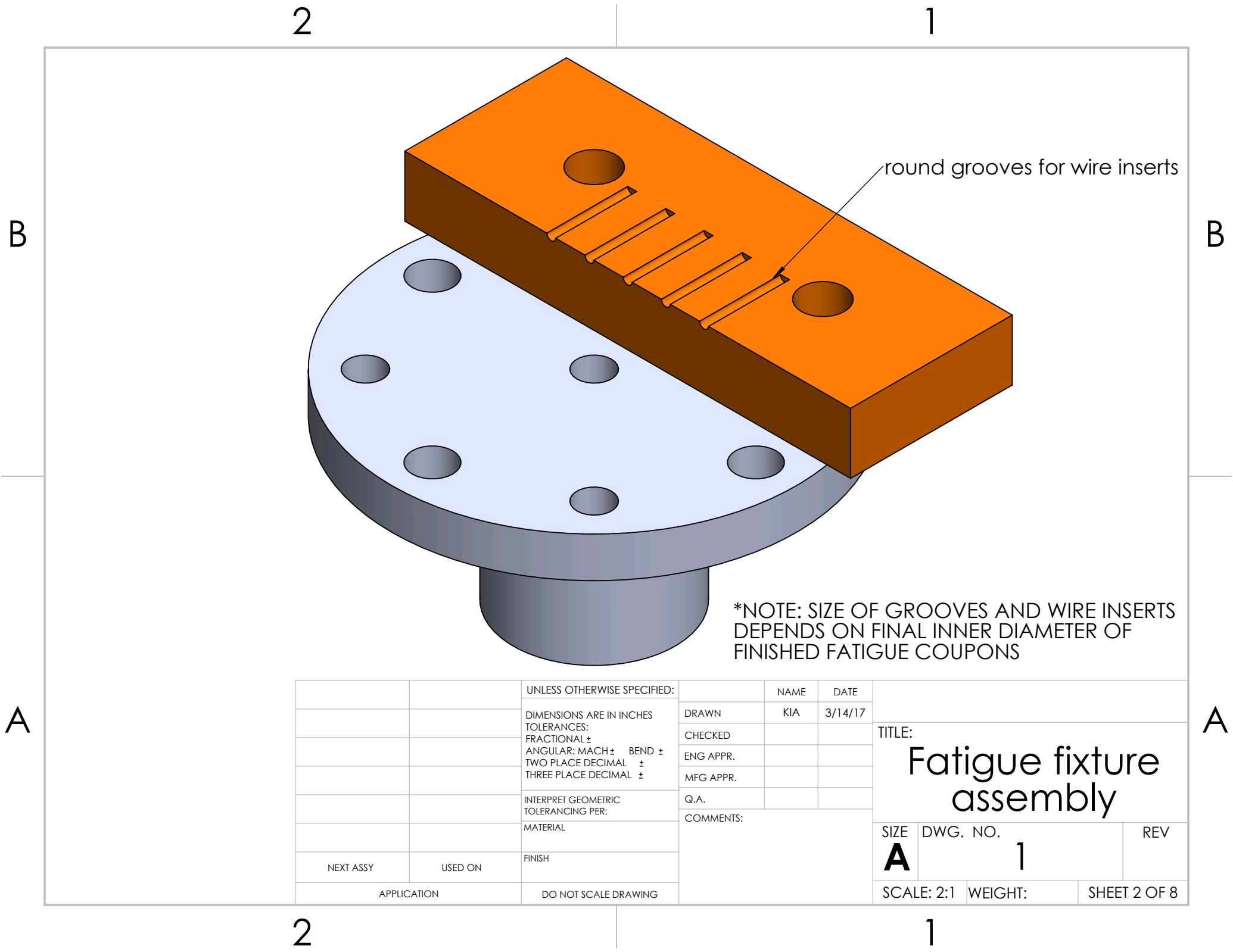


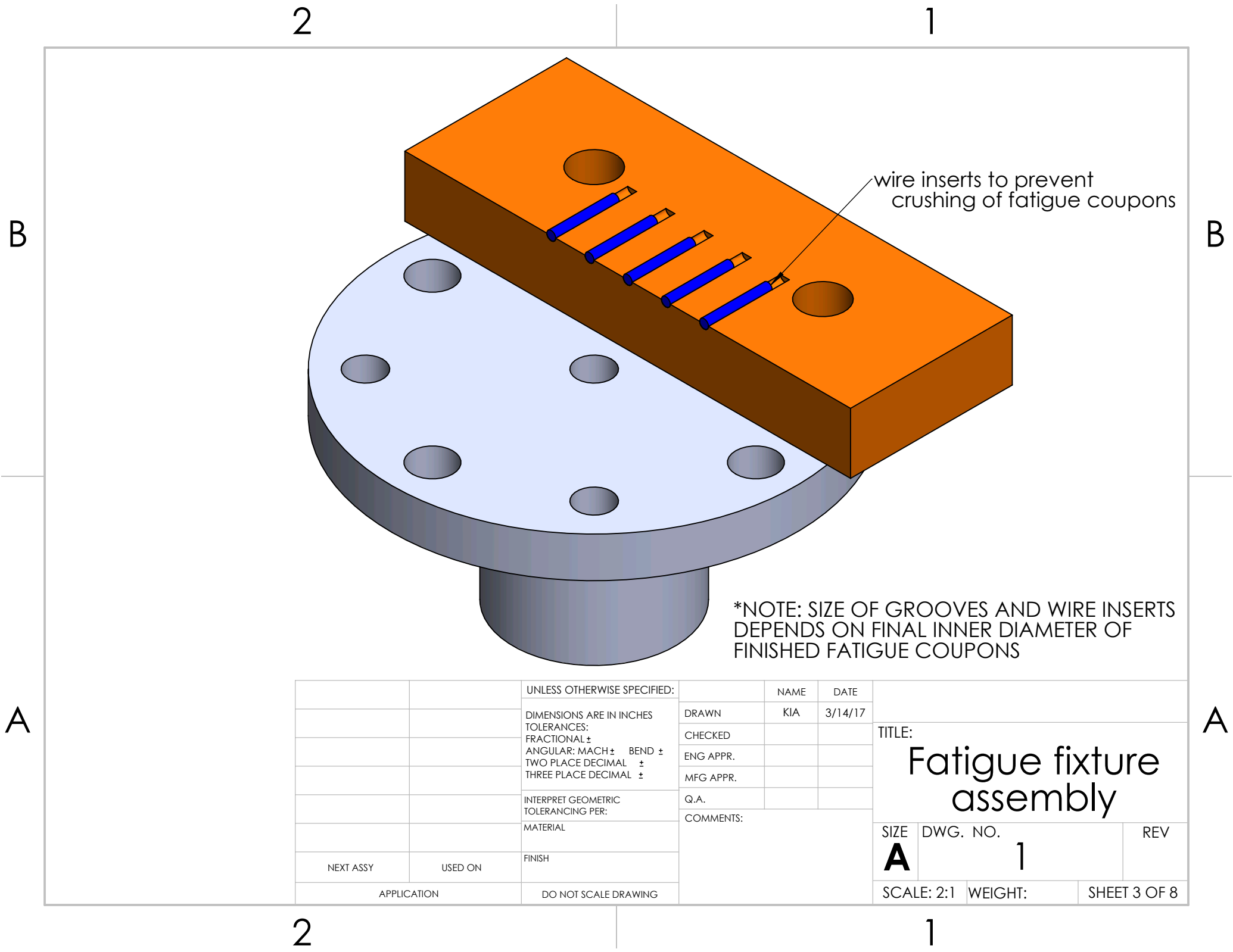
*COMPONENTS IN ORANGE SHADE TO BE MANUFACTURED IN DELRIN

		UNLESS OTHERWISE SPECIFIED:	DRAWN	NAME	DATE	TITLE: Fatigue fixture assembly		
		DIMENSIONS ARE IN MM	CHECKED	KIA	3/14/17			
		TOLERANCES: FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	REV
		MATERIAL				A	1	
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1		



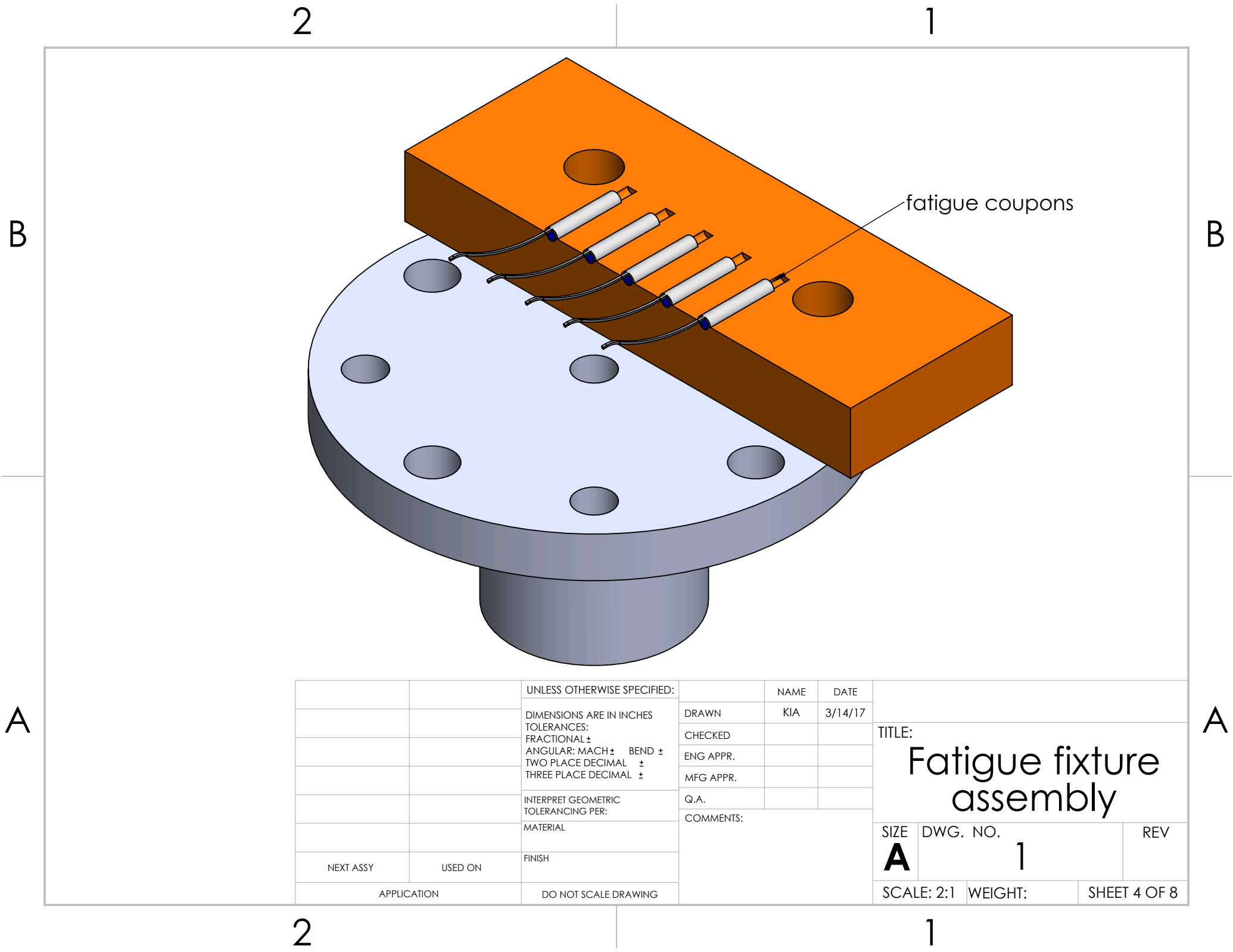
*NOTE: SIZE OF GROOVES AND WIRE INSERTS
DEPENDS ON FINAL INNER DIAMETER OF
FINISHED FATIGUE COUPONS

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Fatigue fixture assembly</div>		
		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE A		
		MATERIAL						
		FINISH				1		
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 2:1 WEIGHT: SHEET 2 OF 8		

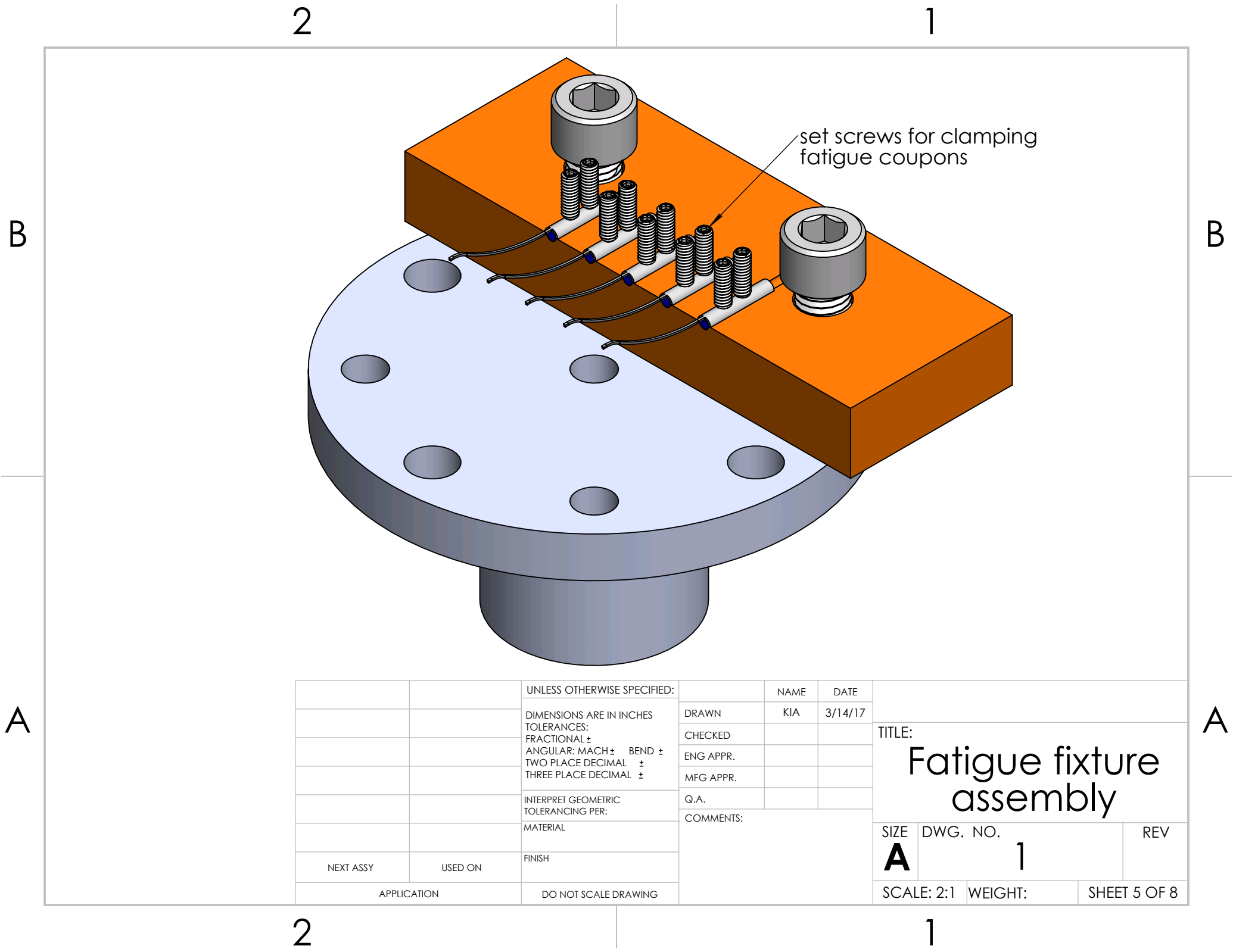


*NOTE: SIZE OF GROOVES AND WIRE INSERTS
DEPENDS ON FINAL INNER DIAMETER OF
FINISHED FATIGUE COUPONS

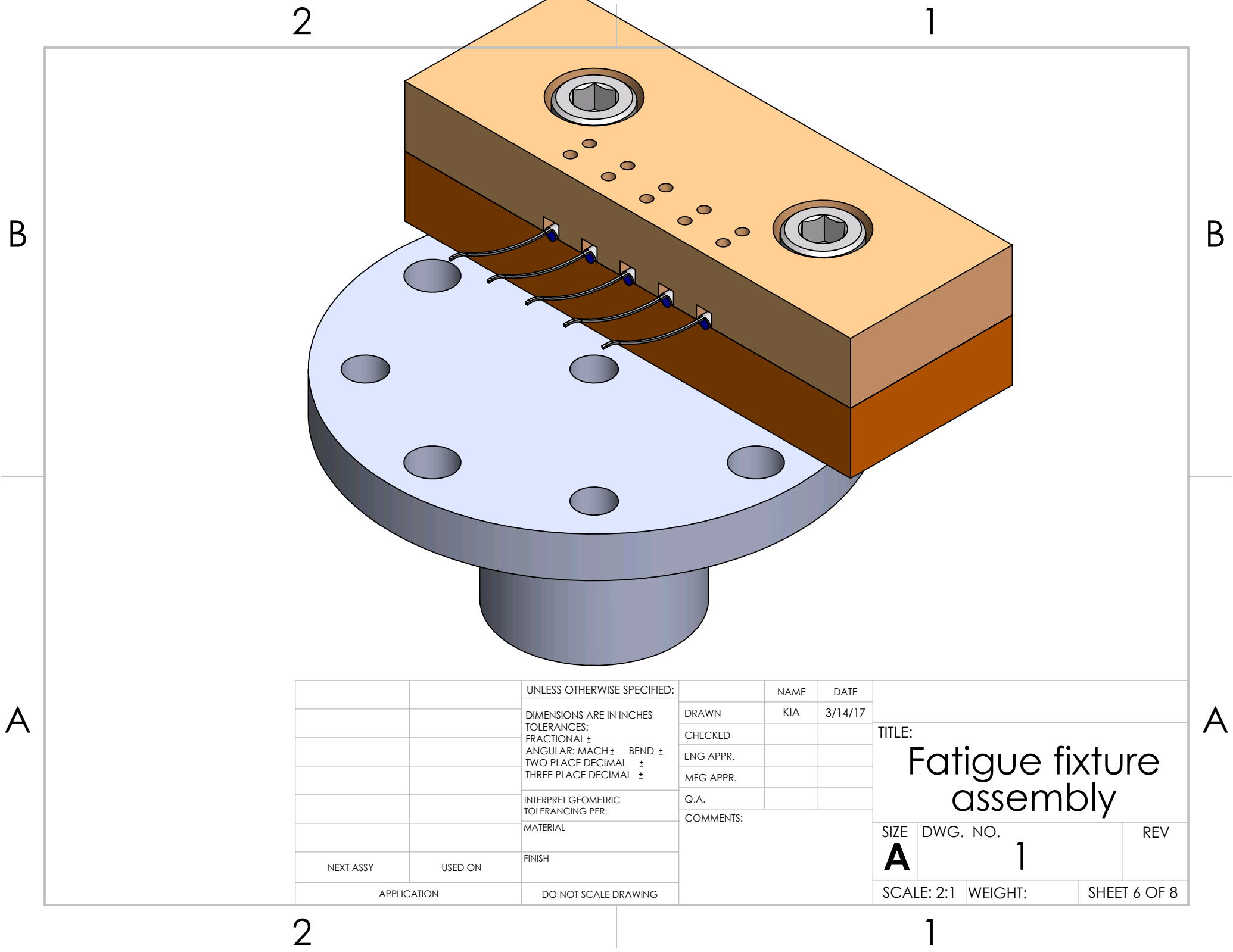
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Fatigue fixture assembly		
		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV
		THREE PLACE DECIMAL ±	COMMENTS:			A	1	
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 2:1	WEIGHT:	SHEET 3 OF 8
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						



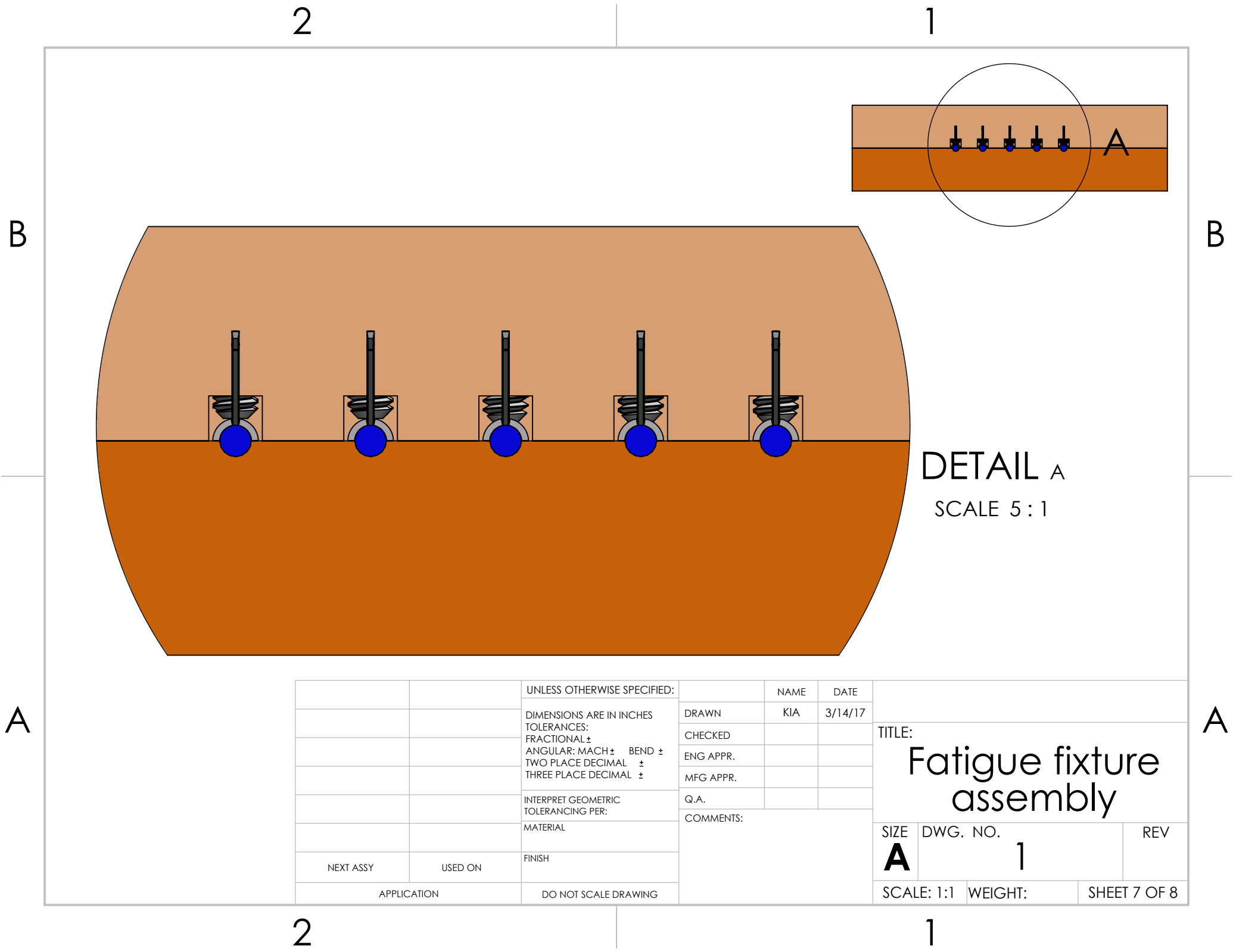
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		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV
		THREE PLACE DECIMAL ±	COMMENTS:			A	1	
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 2:1	WEIGHT:	SHEET 4 OF 8



		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Fatigue fixture assembly	
		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17		
		TOLERANCES:	CHECKED				
		FRACTIONAL \pm	ENG APPR.				
		ANGULAR: MACH \pm BEND \pm	MFG APPR.				
		TWO PLACE DECIMAL \pm	Q.A.			SIZE	DWG. NO.
		THREE PLACE DECIMAL \pm	COMMENTS:			A	1
		INTERPRET GEOMETRIC TOLERANCING PER:					REV
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING				SCALE: 2:1	WEIGHT:
							SHEET 5 OF 8

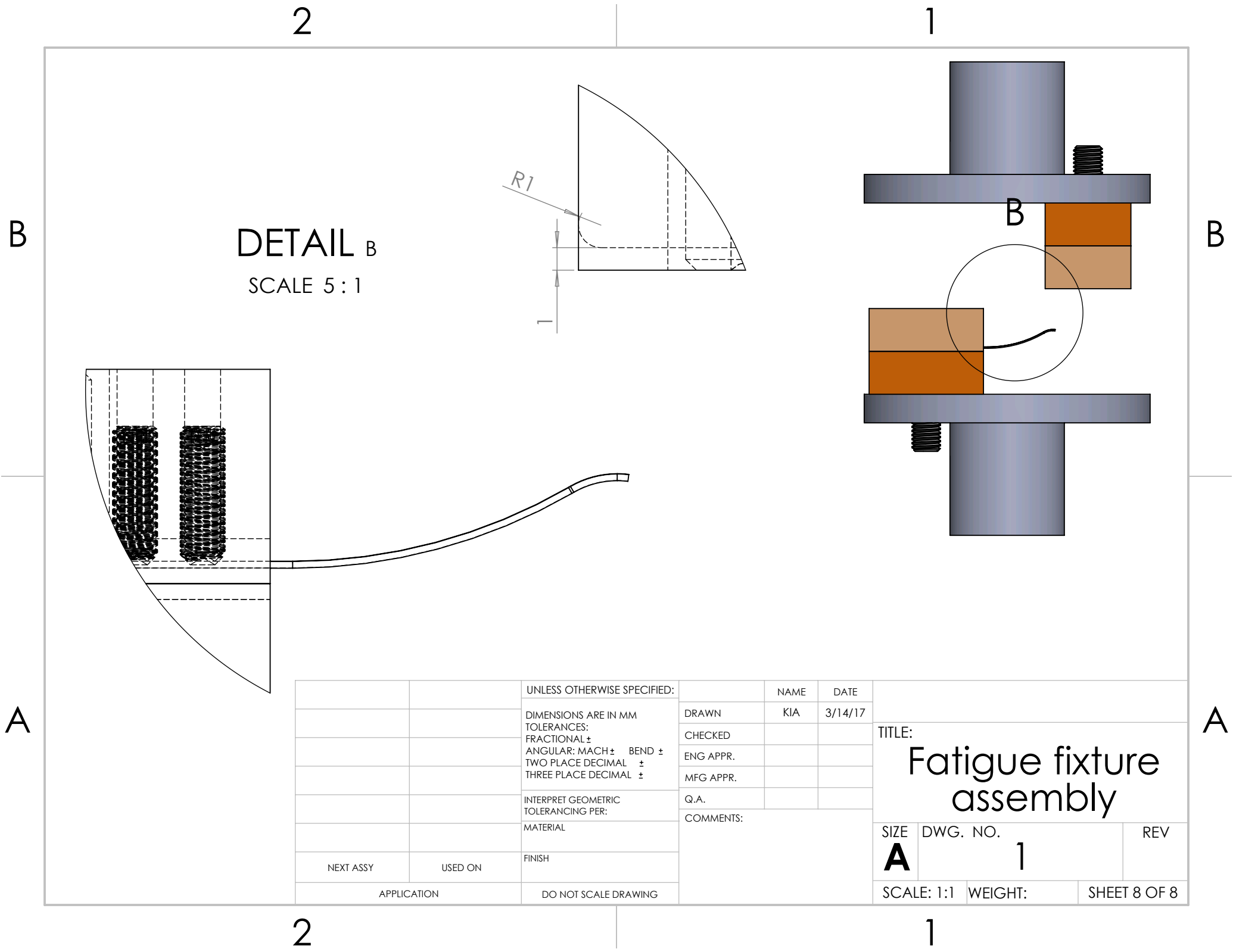


		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Fatigue fixture assembly		
		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17			
		TOLERANCES: FRACTIONAL ±	CHECKED					
		ANGULAR: MACH ± BEND ±	ENG APPR.					
		TWO PLACE DECIMAL ±	MFG APPR.					
		THREE PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			A	1	
		MATERIAL				SCALE: 2:1	WEIGHT:	SHEET 6 OF 8
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						



DETAIL _A
SCALE 5 : 1

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Fatigue fixture assembly		
		DIMENSIONS ARE IN INCHES	DRAWN	KIA	3/14/17			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV
		THREE PLACE DECIMAL ±	COMMENTS:			A	1	
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:1	WEIGHT:	SHEET 7 OF 8
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						



DETAIL B
SCALE 5 : 1

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Fatigue fixture assembly	
		DIMENSIONS ARE IN MM	DRAWN	KIA	3/14/17		
		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.
		THREE PLACE DECIMAL ±	COMMENTS:			A	1
		INTERPRET GEOMETRIC TOLERANCING PER:					REV
		MATERIAL					
NEXT ASSY	USED ON	FINISH				SCALE: 1:1	WEIGHT:
APPLICATION		DO NOT SCALE DRAWING				SHEET 8 OF 8	