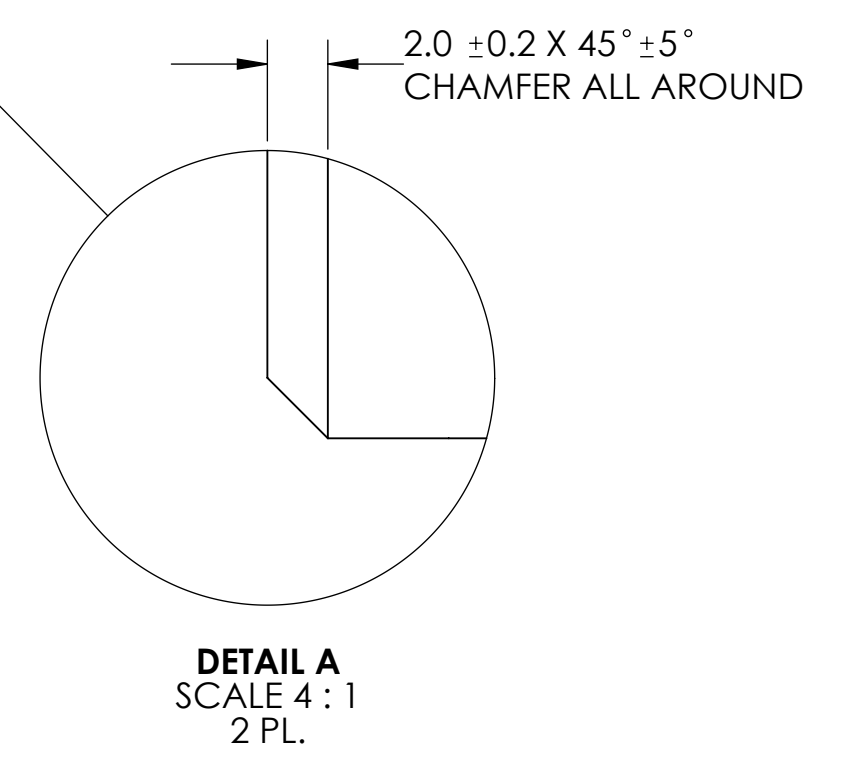
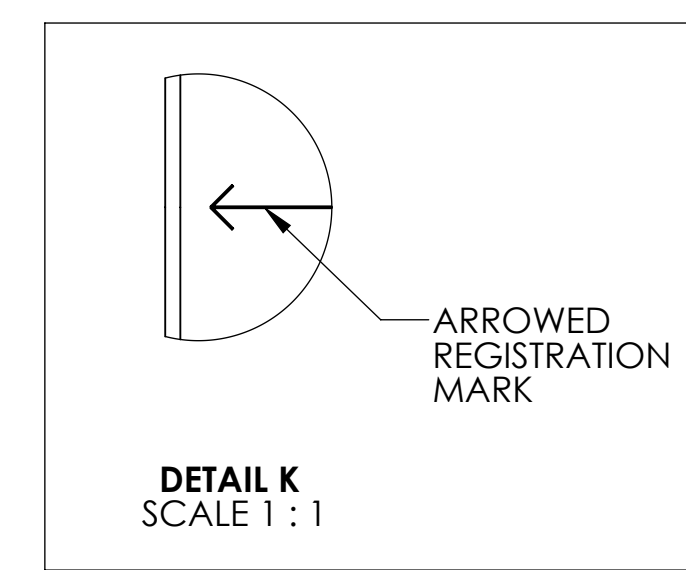
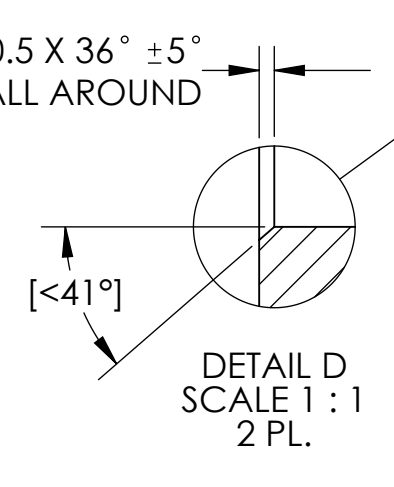
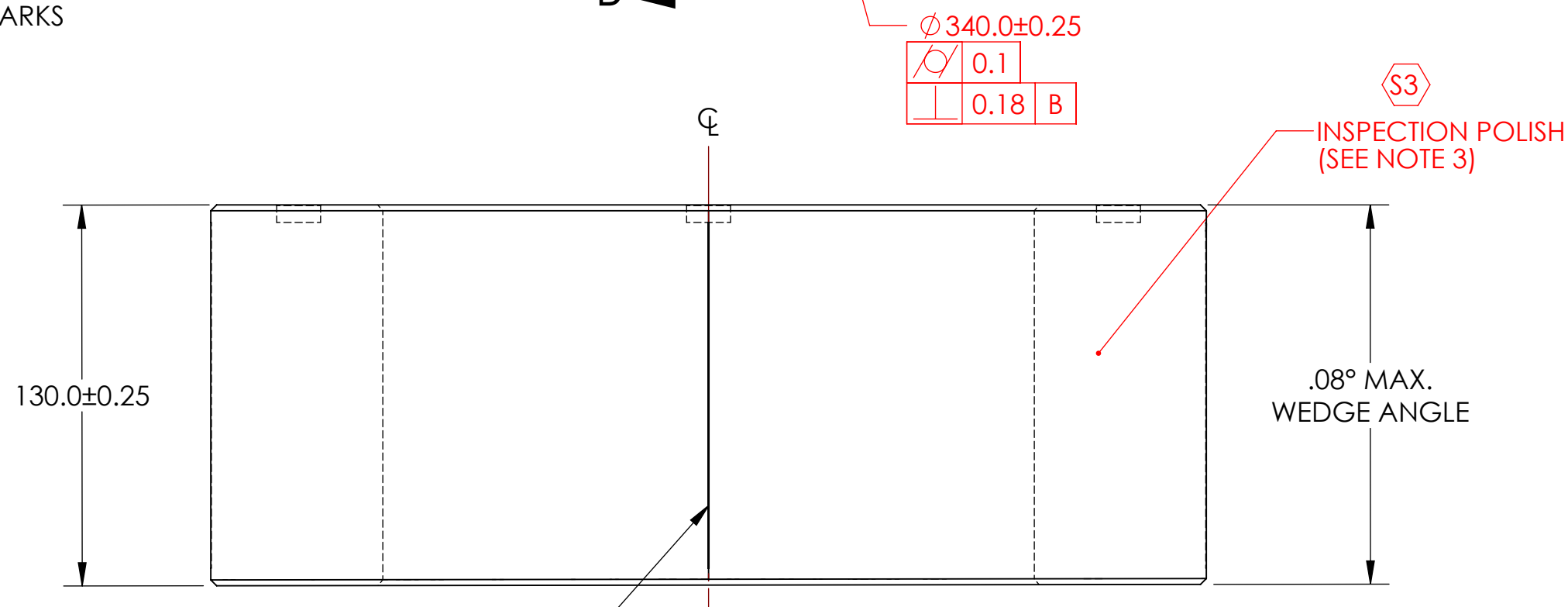
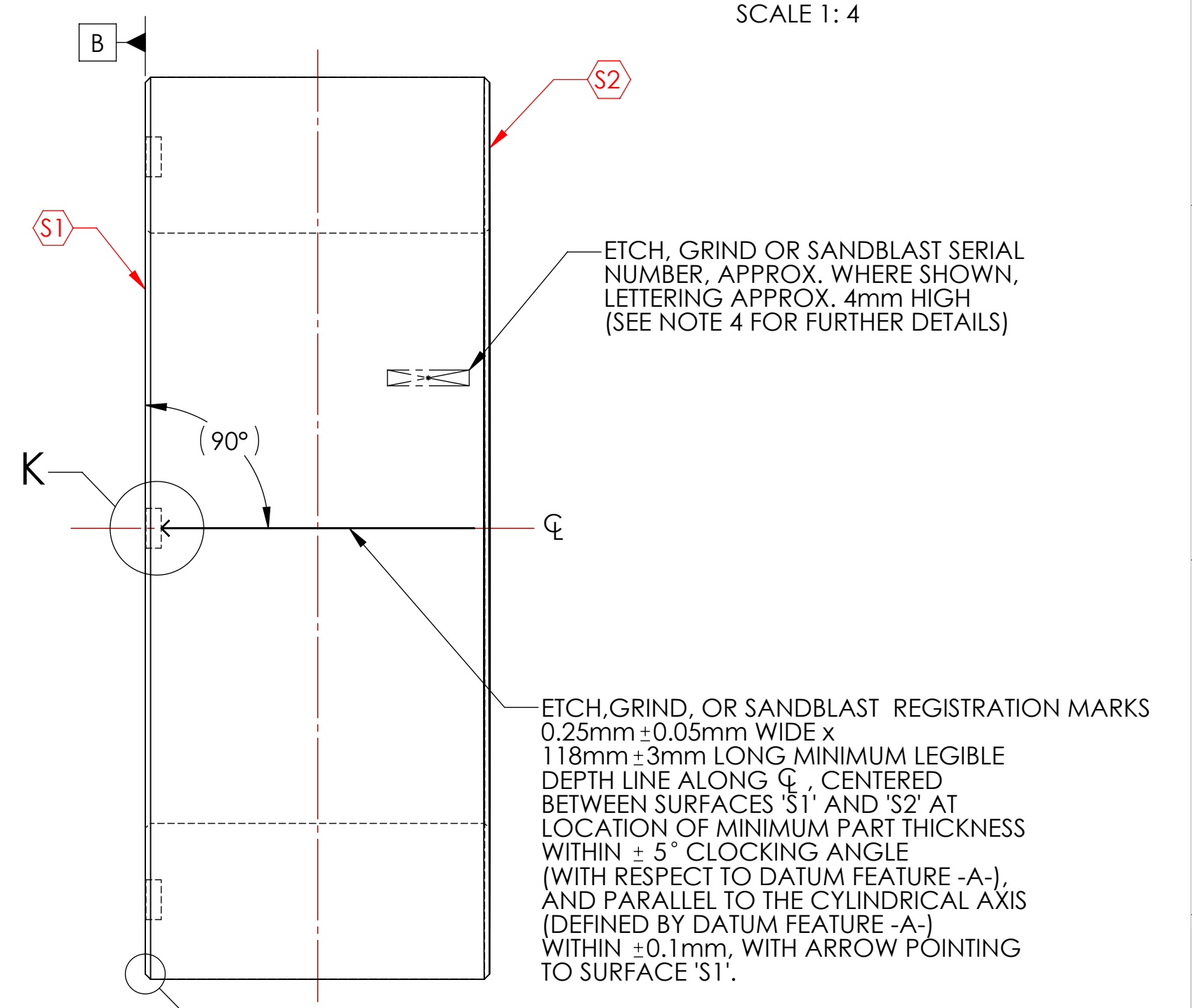
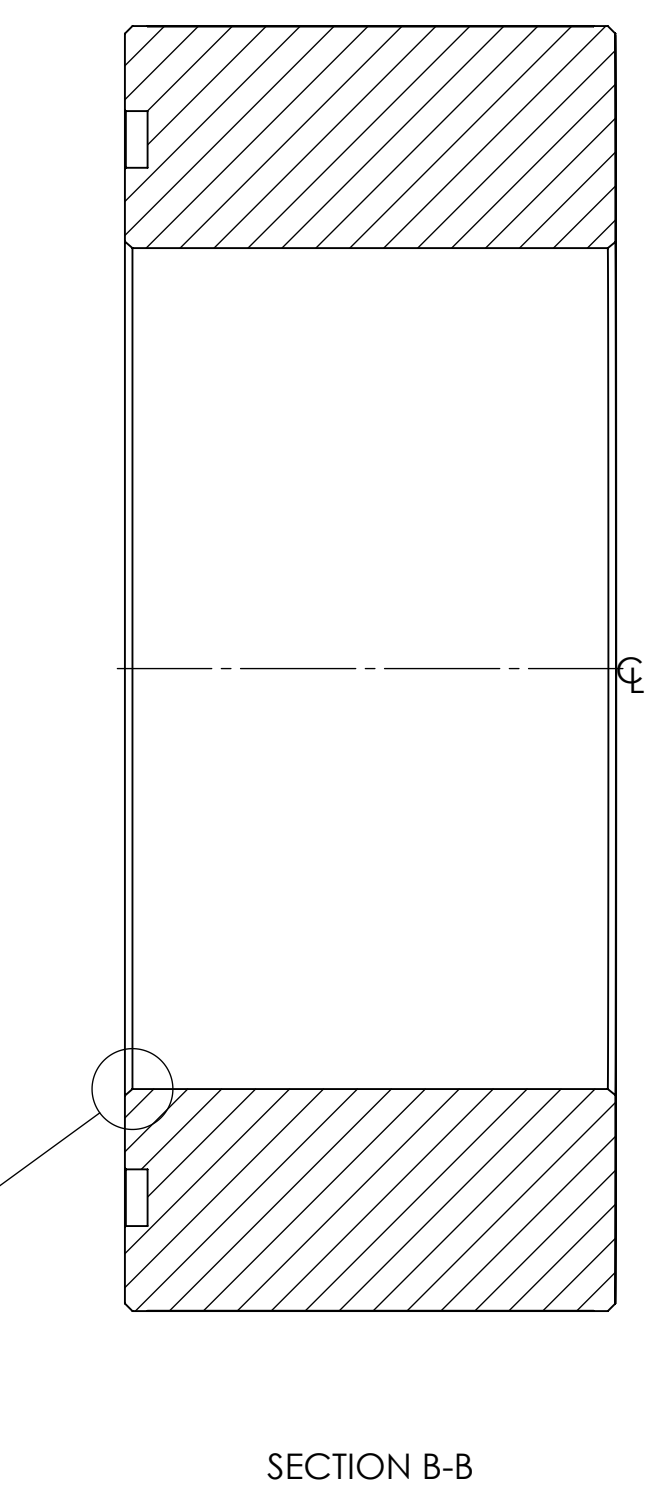
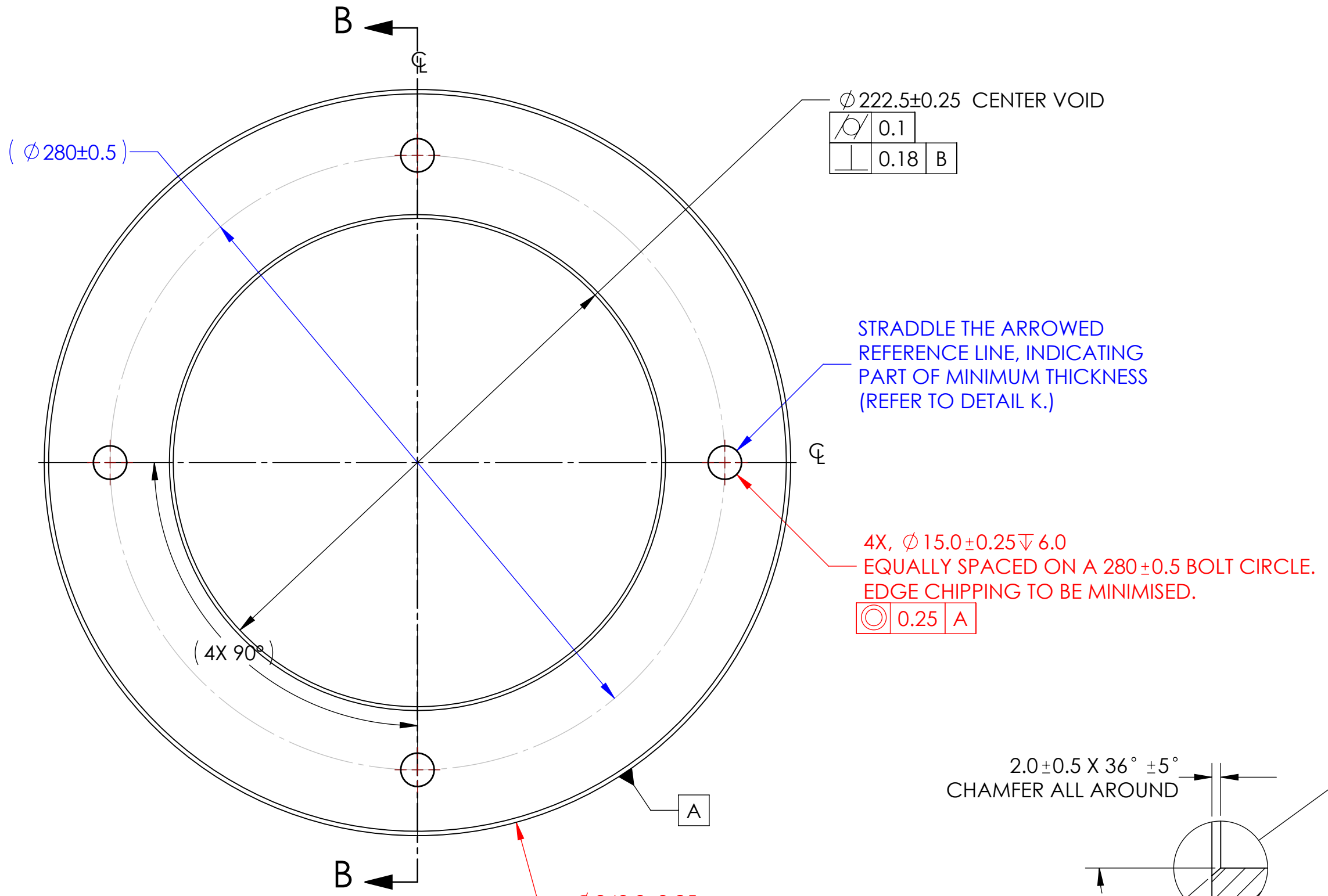
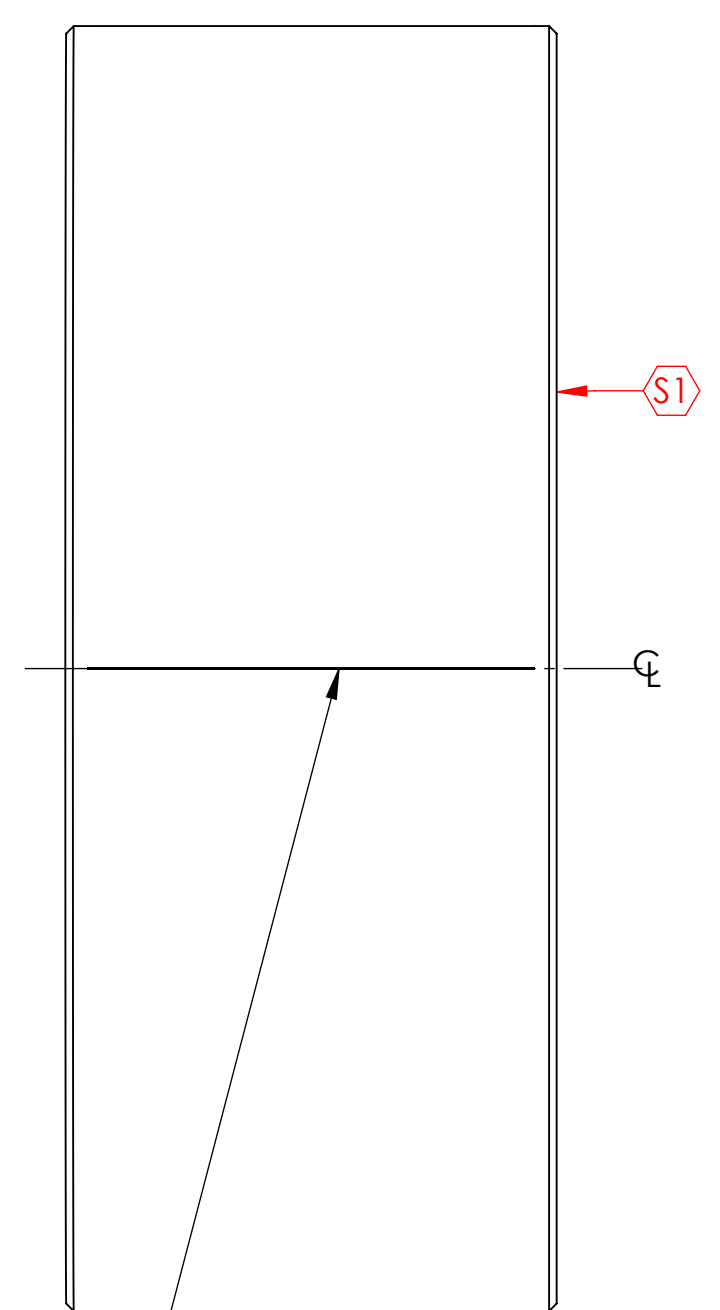
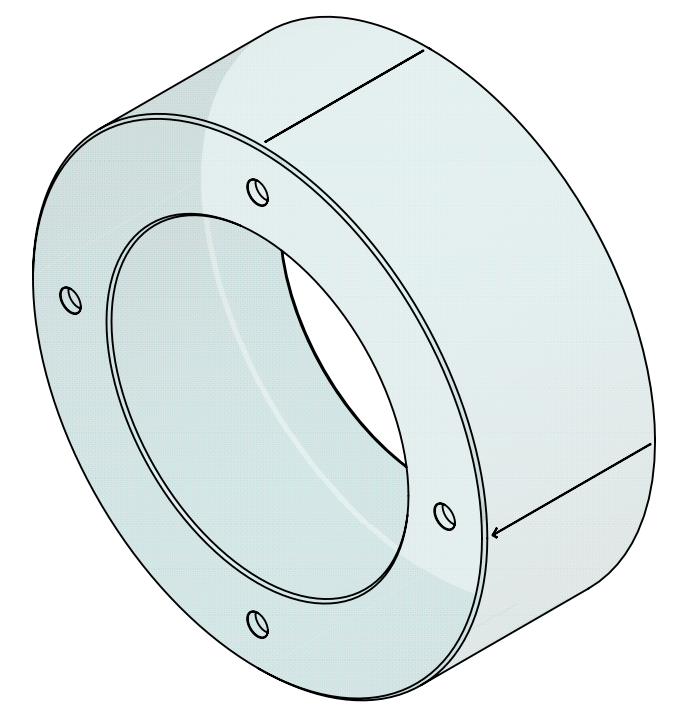
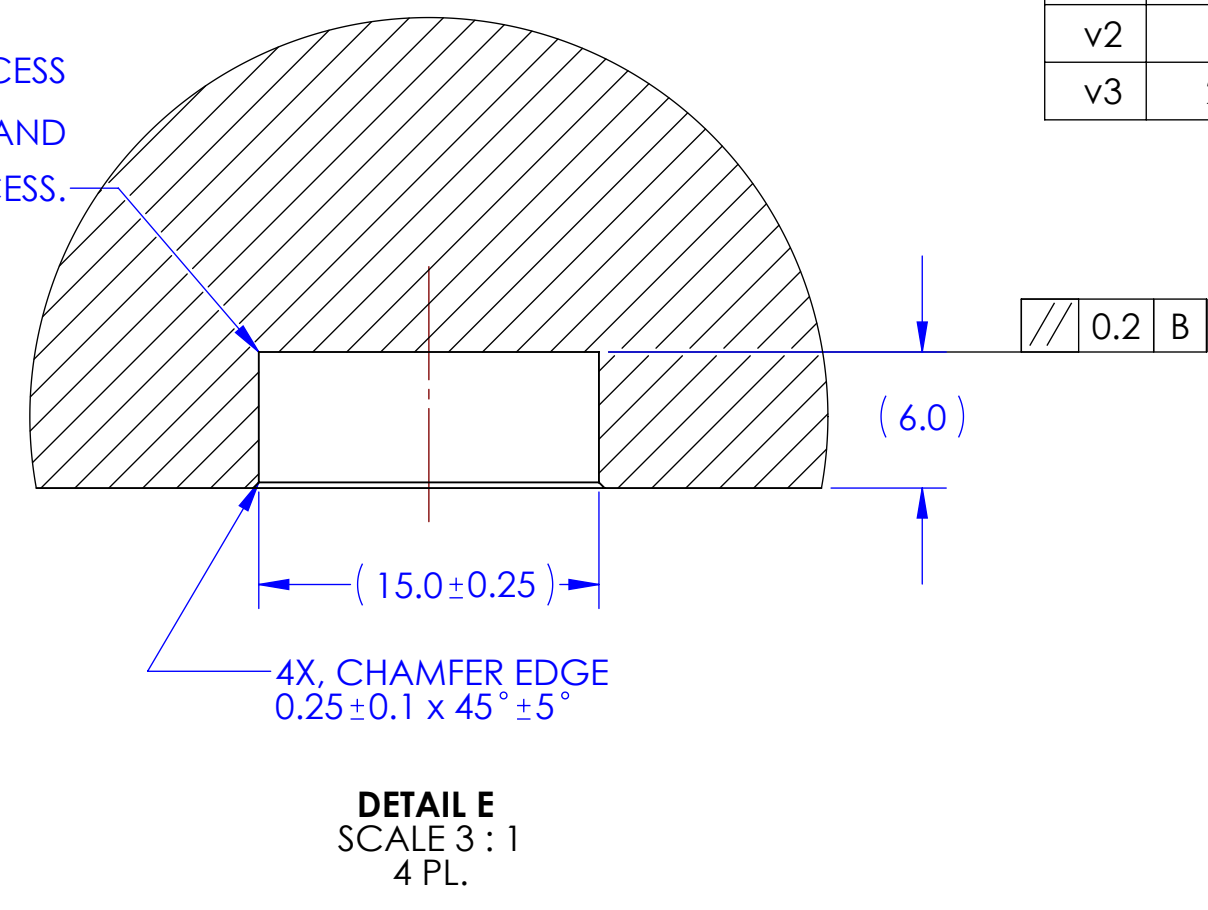
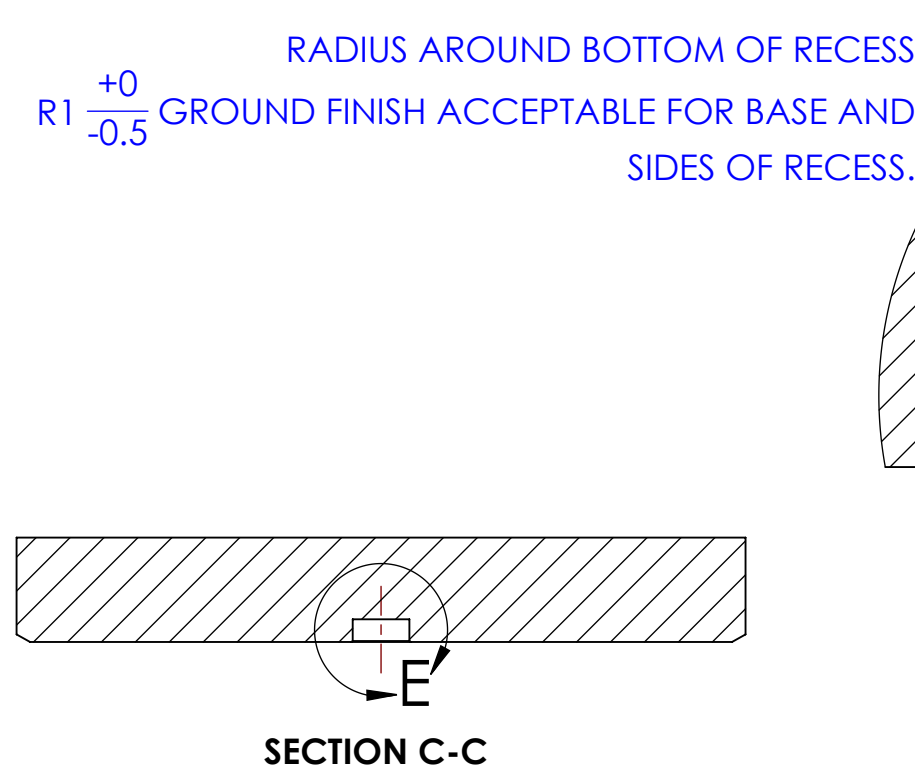
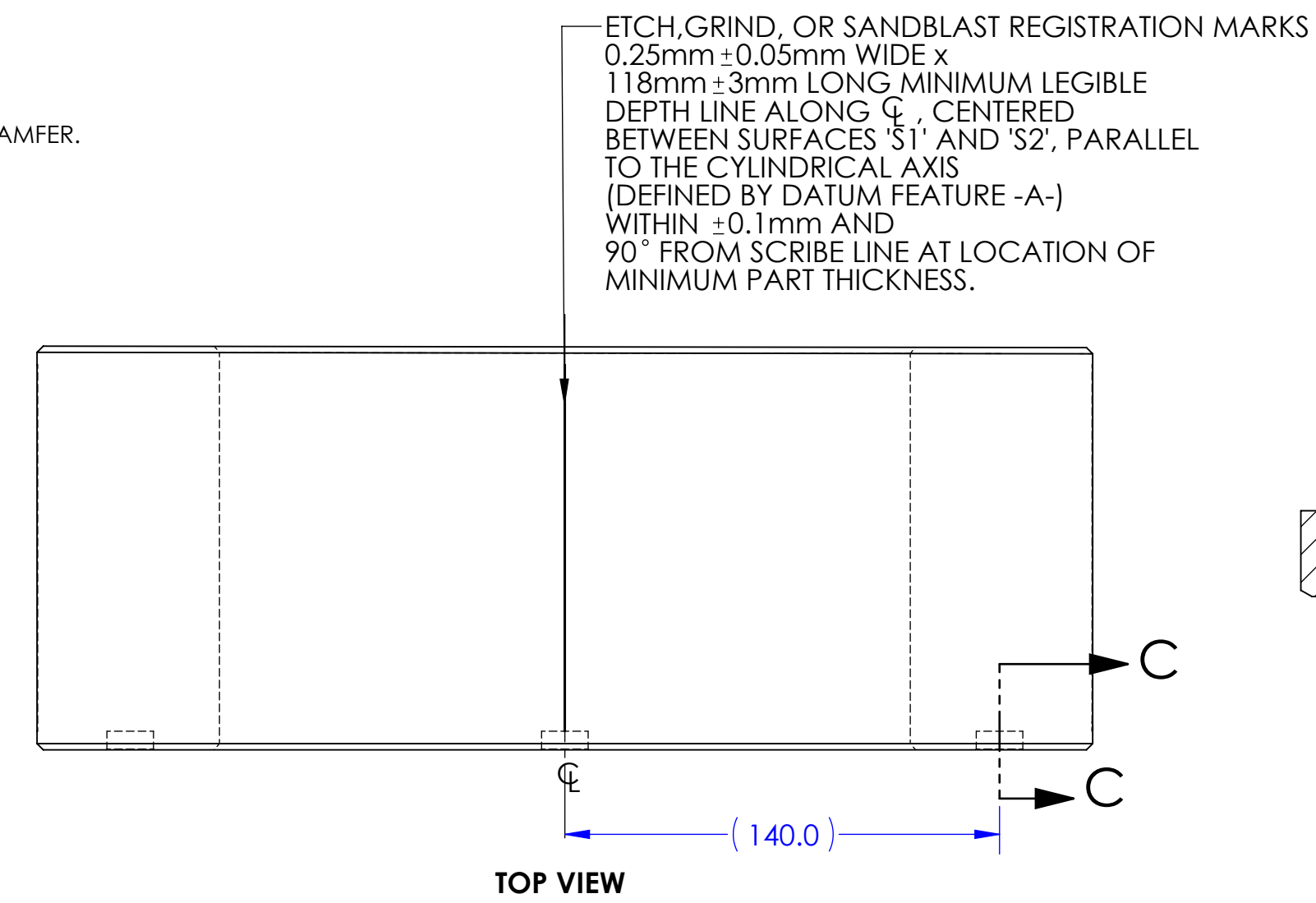


- MANUFACTURING NOTES:**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. DO NOT SCALE FROM DRAWING.
 3. INSPECTION POLISH ALL FACES, ALL SURFACES (INCLUDING INSIDE BARREL), EDGES AND CHAMFER. SURFACES SHALL APPEAR TRANSPARENT WITH NO GREY, SCUFFS OR SCRATCHES VISIBLE TO THE NAKED EYE WHEN VIEWED IN NORMAL ROOM LIGHT AGAINST A BLACK BACKGROUND.
 4. ETCH, GRIND OR SANDBLAST THE SERIAL NUMBER "AERM XX", APPROX. WHERE SHOWN, LETTERING APPROX. 4mm HIGH, WHERE "XX" IS INCREMENTAL STARTING WITH "01".
 5. APPLY ESD GOLD COATING PER E0900138.
 6. NOT A TRANSMISSIVE OPTICAL COMPONENT: NO HOMOGENEITY OR BUBBLE GLASS REQUIREMENT.
 7. MAT'L: 648339.386 (SF2) GLASS. DENSITY:3.86g/cm³
 8. CRITICAL METRICS: MASS=26.026 Kg

REV.	DATE	DCN #	DRAWING TREE #
v1	06 MAY 2015	-	-
v2	10 JUN 2015	-	-
v3	21 AUG 2015	E1500356-x0	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME	
DIMENSIONS ARE IN MILLIMETERS				Annular End Reaction Mass (AERM)	
TOLERANCES: .X ± 0.1 .XX ± 0.05				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
ANGULAR ± 0.1°				ADVANCED LIGO	
MATERIAL SEE NOTE 7		FINISH SEE NOTES μinch		SYSTEM: - SUB-SYSTEM: - NEXT ASSY: N/A	
DESIGNER: G. Billingsley		DATE: 05 MAY 2015		SIZE: D	
DRAFTER: E. SANCHEZ		DATE: 06 MAY 2015		DWG. NO.: D1500163	
CHECKER: SEE DCC		SEE DCC		REV.: v3	
APPROVAL: SEE DCC		SEE DCC		SCALE: 1:2	
				PROJECTION:	
				SHEET 1 OF 1	

D1500163 RED, End Reaction Mass (ERM), PART PDM REV: X.004, DRAWING PDM REV: X.006