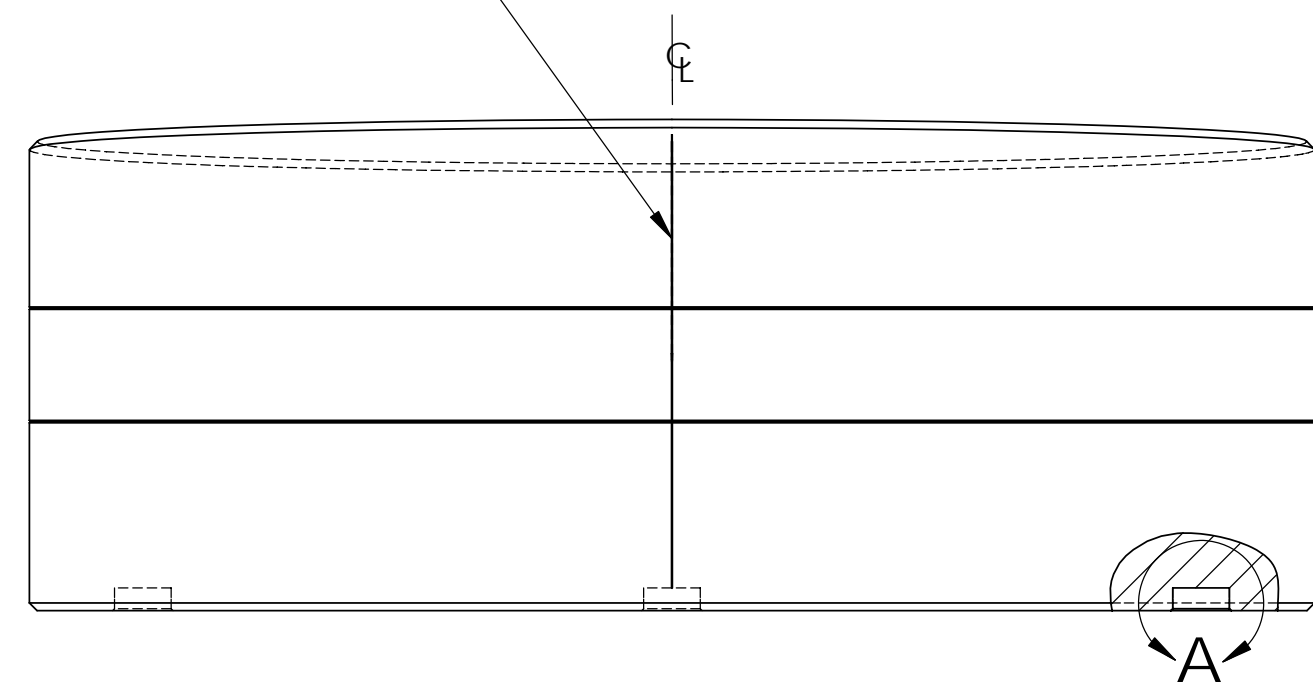
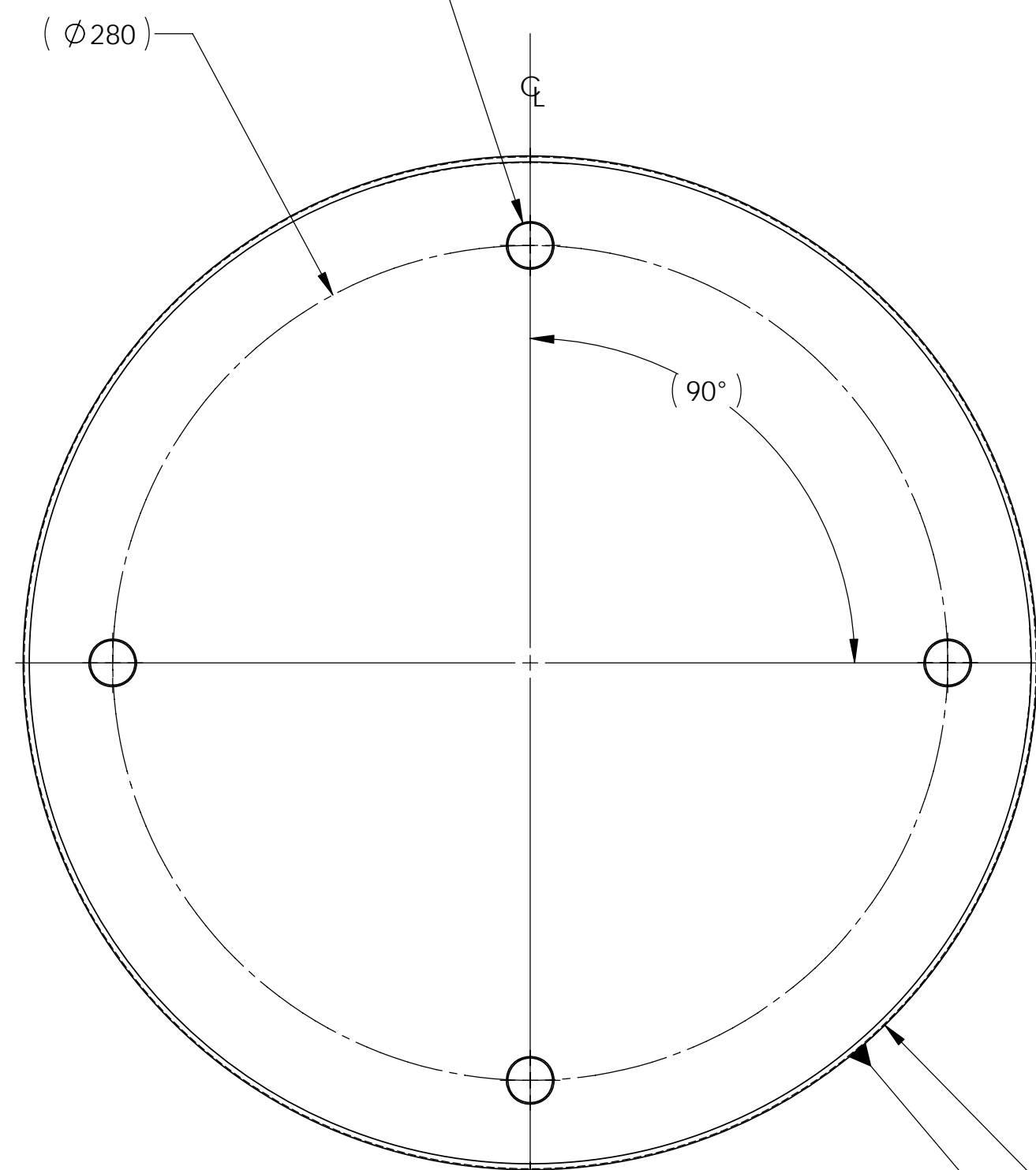


REV.	DATE	DCN #	DRAWING TREE #
A	12DEC06	E060275 INITIAL RELEASE	

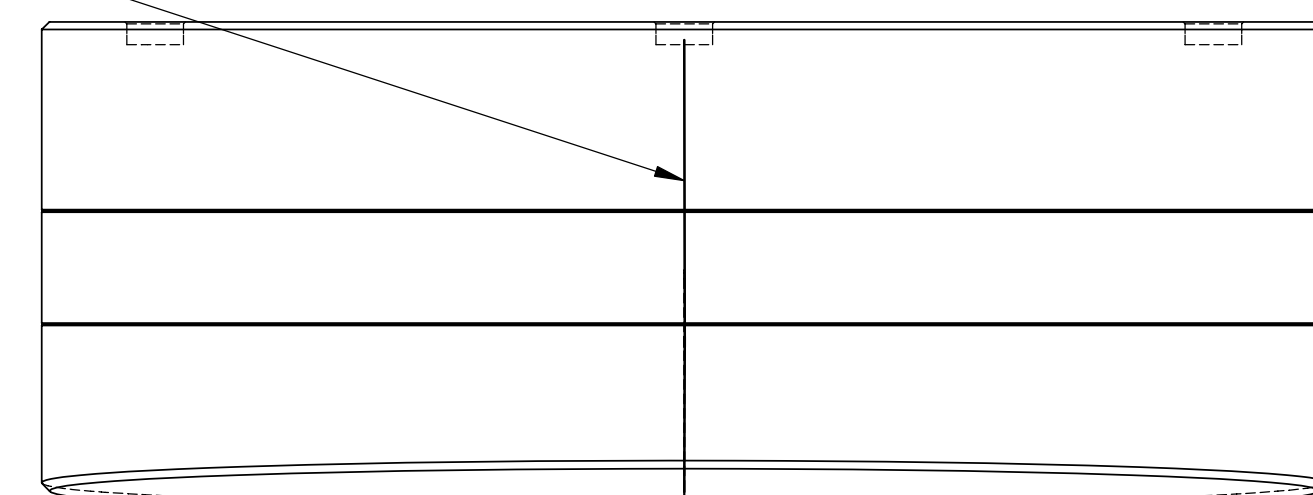
ETCH, GRIND OR SANDBLAST  
LEGIBLE REFERENCE GROOVE  
(GROOVE WIDTH 0.25mm MIN, 0.5mm MAX.)  
ALONG  $\phi$ , AT LOCATION OF MAX PART THICKNESS,  
PARALLEL TO CYLINDRICAL AXIS (DEFINED BY DATUM A.)



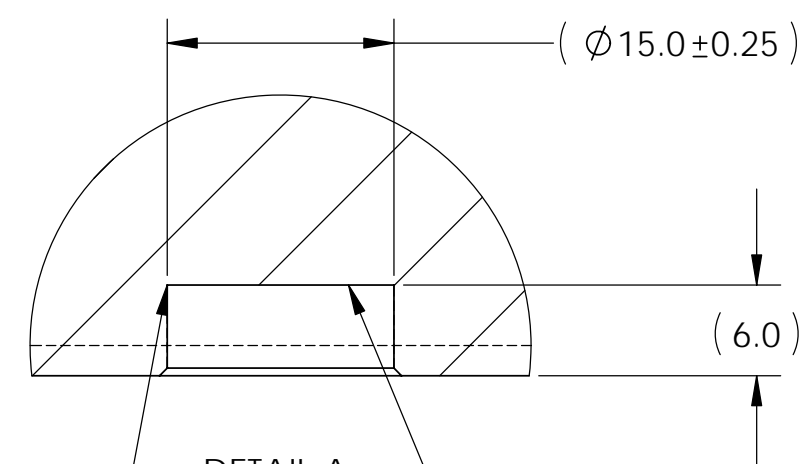
4X  $\phi 15.0 \pm 0.25, \nabla 6.0$   
 $\sphericalangle \phi 16.0 \text{ MAX} \times 90^\circ$   
EQUALLY SPACED ON A  $\phi 280 \pm 2$  BOLT CIRCLE  
EDGE CHIPPING TO BE MINIMIZED



ETCH, GRIND OR SANDBLAST  
LEGIBLE REFERENCE GROOVE  
(GROOVE WIDTH 0.25mm MIN, 0.5mm MAX.)  
AT LOCATION OF MIN PART THICKNESS,  
PARALLEL TO THE CYLINDRICAL  
AXIS (DEFINED BY DATUM -A-)

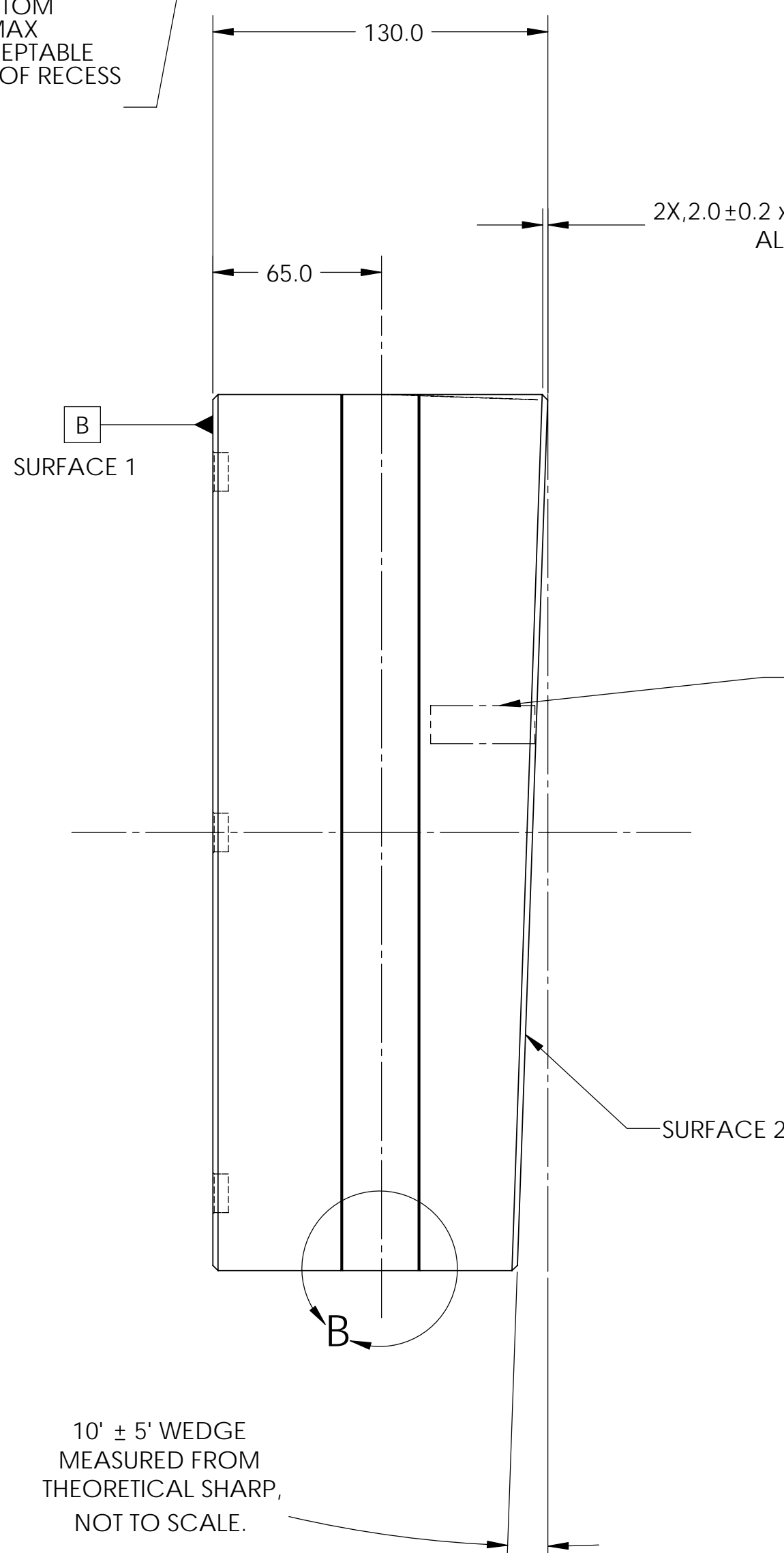


RADIUS AROUND BOTTOM  
OF RECESS, R 1mm, MAX  
GROUND FINISH ACCEPTABLE  
FOR BASE AND SIDES OF RECESS



DETAIL A  
SCALE 2 : 1

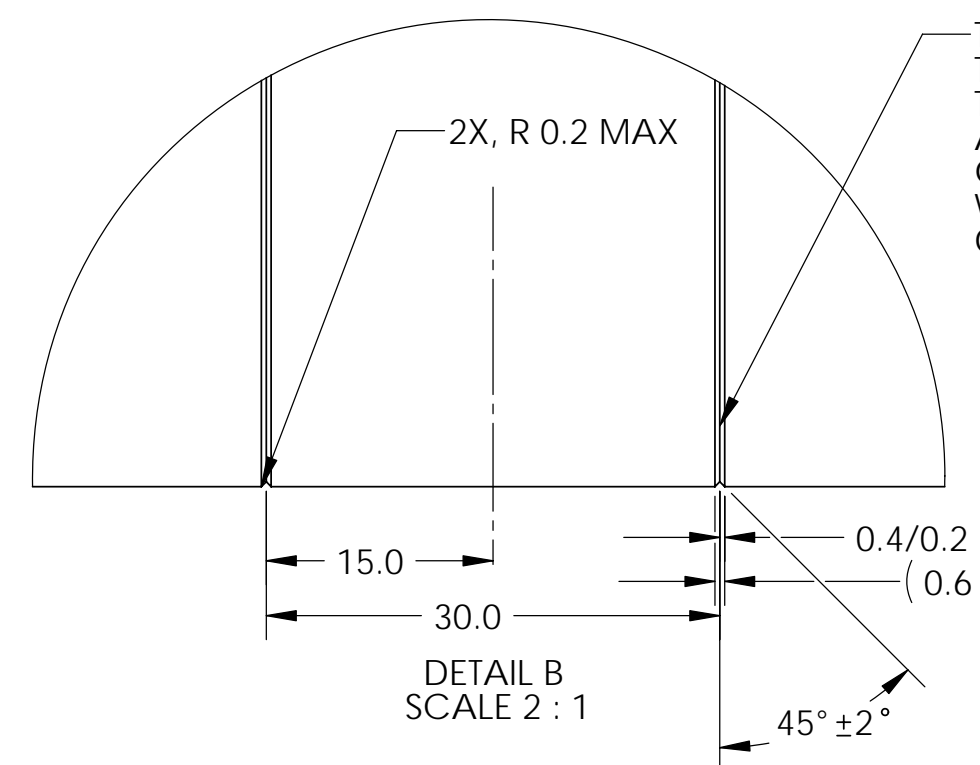
$\parallel 0.2$  B



ETCH, GRIND OR SANDBLAST PART AND SERIAL  
NUMBER, APPROX WHERE SHOWN,  
LETTERING APPROX 4mm HIGH  
(SEE NOTE 3 BELOW.)

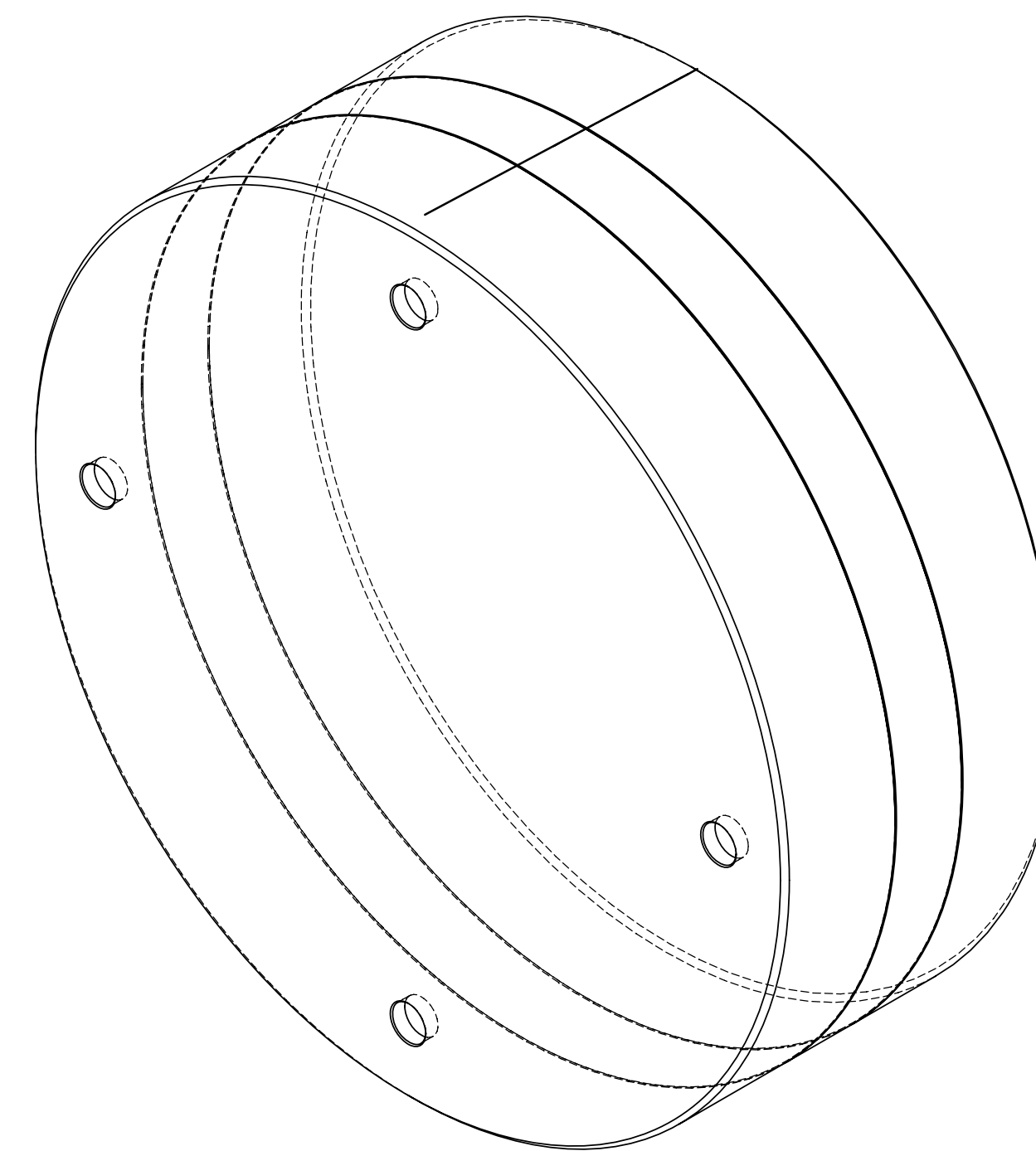
SURFACE 2

10° ± 5° WEDGE  
MEASURED FROM  
THEORETICAL SHARP,  
NOT TO SCALE.



DETAIL B  
SCALE 2 : 1

THE GROOVES SHOWN IN DETAIL B ARE REQUIRED  
TO LOCATE TWO STEEL WIRE LOOPS,  $\phi 0.46\text{mm}$ .  
THE SEPARATION OF THE GROOVES FROM THE CENTERLINE  
AND FROM EACH OTHER IS CRITICAL.  
GROOVES SHOULD BE APPROX "V" SHAPED,  
WITH A MAX RADIUS OF 0.2mm AT THE BASE  
OF EACH GROOVE.



PARTS LIST

NOTES (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN MILLIMETERS		LIGO	
1. SHAPE AND POLISH: E060273, FUSED SILICA BLANK, LASTI COMPENSATION PLATE.		TOLERANCES: XXX ± 0.1 XXX ± 0.05		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
2. SURFACE FINISH: E060274, FUSED SILICA SUBSTRATE, LASTI COMPENSATION PLATE.		ANGULARS ± 0.1 °		SYSTEM: ADVANCED LIGO	
3. INTERPRET DRAWING PER ANSI Y14.5M 1994.		MATERIAL: SUS		SUB-SYSTEM: SUS	
4. DO NOT SCALE DRAWING		FINISH: SEE NOTES		NEXT ASSY: N-PTYPE QUAD ITM	
SEE NOTES		PART NAME: THERMAL COMP PLATE		PART NAME: THERMAL COMP PLATE	
DRAWN: J. Romo	DATE: DEC06	SIZE: D	DWG. NO: D060534	REV: A	
CHECKED: APPROVED:		SCALE: 1:2	PROJECTION:		SHEET 1 OF 1