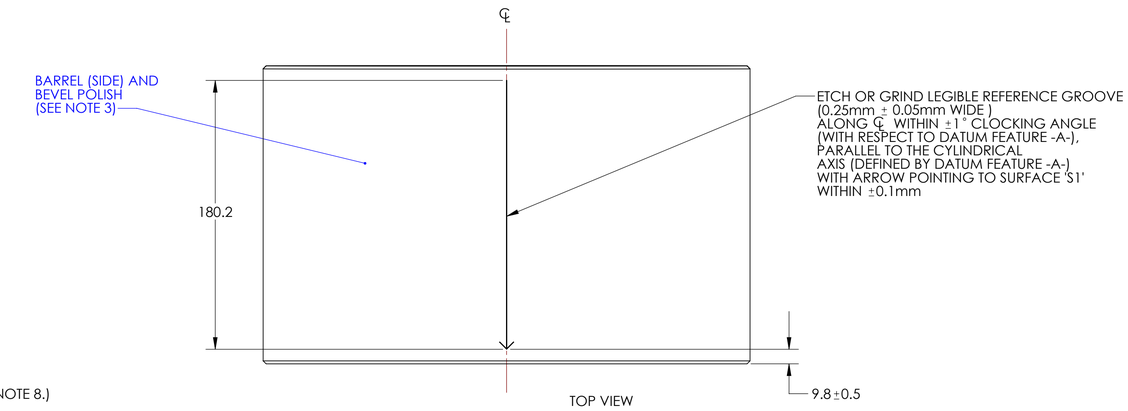
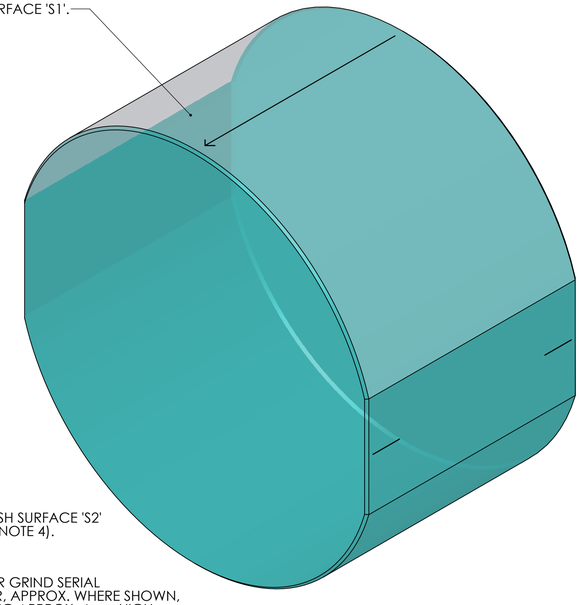
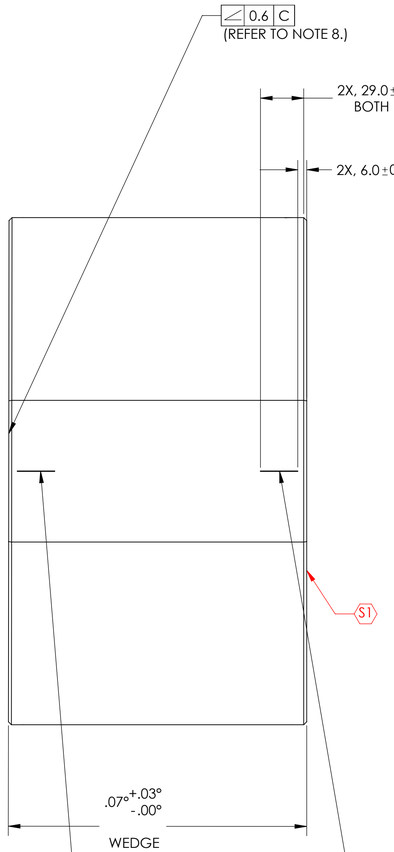
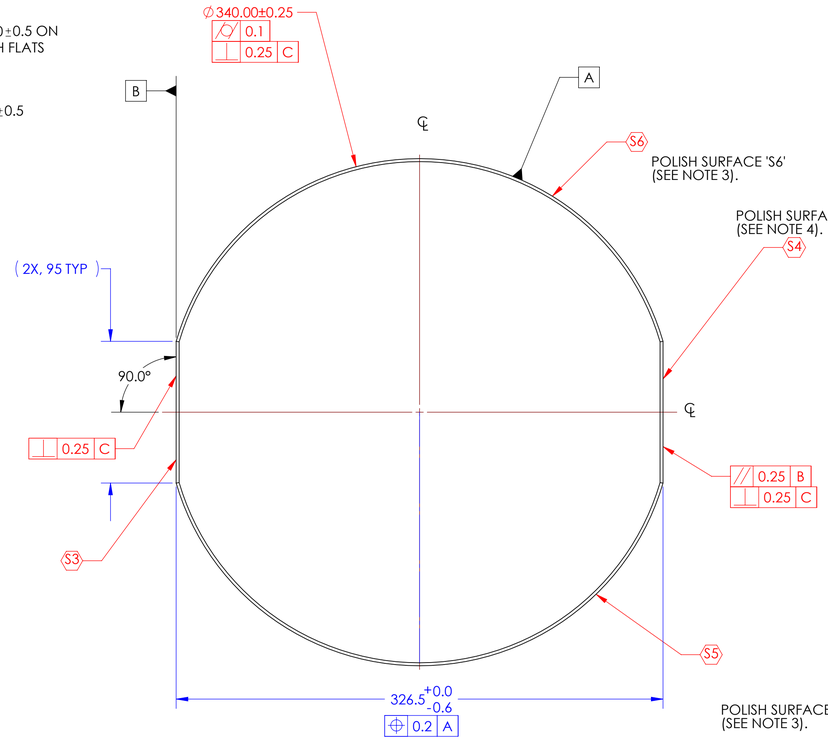
REV.	DATE	DCN #	DRAWING TREE #
v1	11th Nov 2008	LIGO-E080530-v1	
v2	Feb - 20 - 2009	LIGO-E0900046-v1	
v3	Mar-26-2009	LIGO-E0900095-v1	
v4	28 MAY 2010	E1000188	
v5	06 DEC 2019	E1900200-v3	
v6	24 MAY 2021	E2100194-x0	

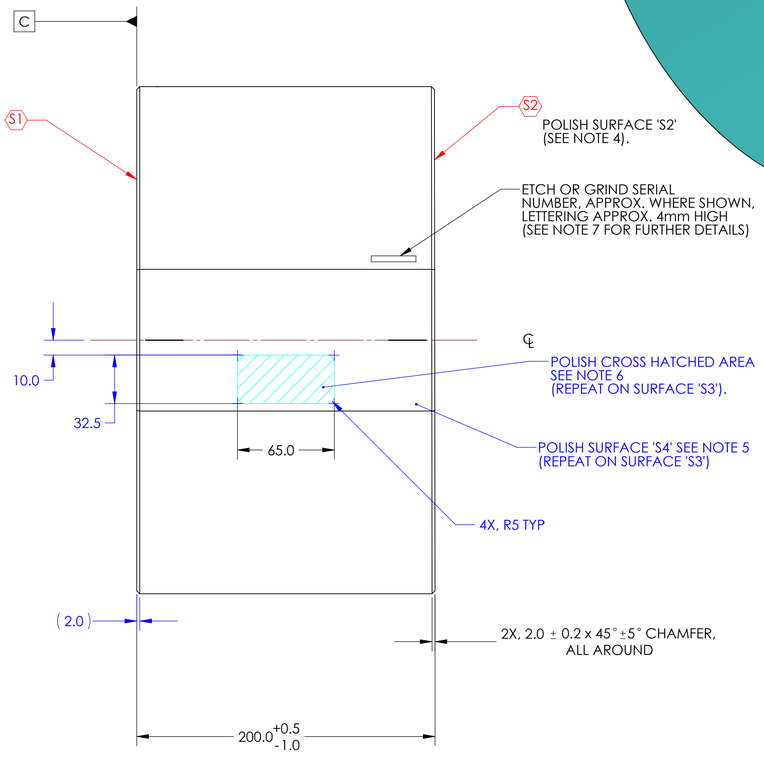


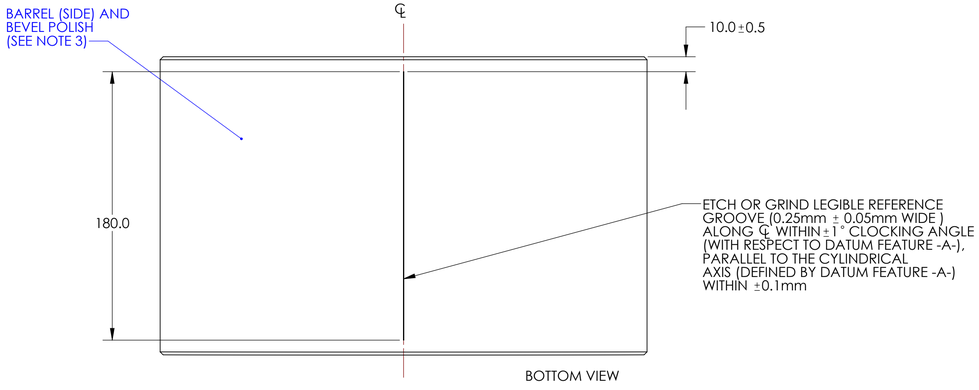
SUBSTRATE IS SHOWN IN SUSPENDED STATE WITH VERTICAL WEDGE (THICK SIDE DOWN). THE ARROWED LINE IS SHOWN ON THE THIN SIDE, AND AS STATED POINTS TO SURFACE 'S1'.











MANUFACTURE NOTES:

1. DO NOT SCALE FROM DRAWING.
2. INTERPRET DRAWING AS PER ANSI Y14.5M 1994.
3. BARREL (SIDE) AND BEVEL POLISH PER E080512.
4. FINISH SURFACES 'S1' AND 'S2' AS PER E080512.
5. FINISH (FLAT) SURFACES 'S3' AND 'S4' AS PER E080512.
6. FINISH CROSS HATCHED AREA ON 'S3' & 'S4' AS PER E080512.
7. REFER TO E080512 FOR MORE INFORMATION ON SERIAL NUMBER.
8. INTENDED TO CAPTURE ALLOWABLE WEDGE ANGLE CLOCKING TOLERANCE OF ±5°.
9. APPLY COATING PER E0900068.

PARTS LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
X ±0.1
XX ±0.05
ANGULAR ± 0.1 °

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: COC
MATERIAL: REF E080047-v1
NEXT ASSY: ETM
FINISH: SEE NOTES
PART NAME: ETM SUBSTRATE

	NAME	DATE
DRAWN	C. TORRIE	14 Nov 08
CHECKED	D. COYNE	18 /Nov/08
CHECKED	E. GUSTAFSON	18 /Nov/08
APPROVED	D. COYNE	4 /Dec/08

SIZE: D | DWG. NO.: D080658 | REV.: v6
SCALE: 1:2 | PROJECTION: | SHEET 1 OF 1