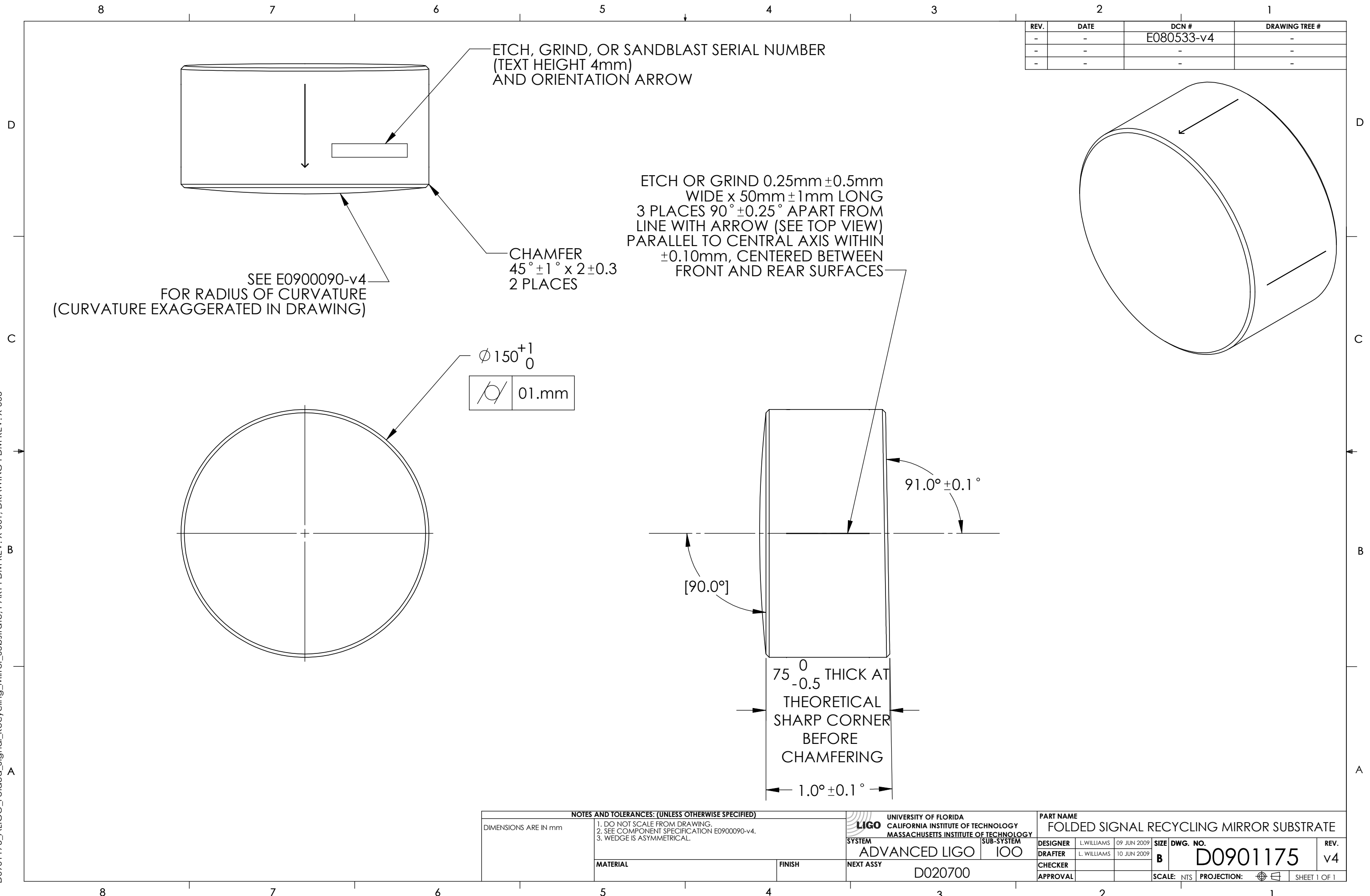


D0901175_ALIGO_Folded_Signal_Recycling_Mirror_Substrate, PART PDM REV: X-001, DRAWING PDM REV: X-005

REV.	DATE	DCN #	DRAWING TREE #
-	-	E080533-v4	-
-	-	-	-
-	-	-	-



ETCH, GRIND, OR SANDBLAST SERIAL NUMBER
(TEXT HEIGHT 4mm)
AND ORIENTATION ARROW

CHAMFER
45° ± 1° x 2 ± 0.3
2 PLACES

ETCH OR GRIND 0.25mm ± 0.5mm
WIDE x 50mm ± 1mm LONG
3 PLACES 90° ± 0.25° APART FROM
LINE WITH ARROW (SEE TOP VIEW)
PARALLEL TO CENTRAL AXIS WITHIN
± 0.10mm, CENTERED BETWEEN
FRONT AND REAR SURFACES

SEE E0900090-v4
FOR RADIUS OF CURVATURE
(CURVATURE EXAGGERATED IN DRAWING)

Ø 150⁺¹₀

0.1mm

75⁰_{-0.5} THICK AT
THEORETICAL
SHARP CORNER
BEFORE
CHAMFERING

1.0° ± 0.1°

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				UNIVERSITY OF FLORIDA CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY				PART NAME			
DIMENSIONS ARE IN mm				LIGO				FOLDED SIGNAL RECYCLING MIRROR SUBSTRATE			
1. DO NOT SCALE FROM DRAWING. 2. SEE COMPONENT SPECIFICATION E0900090-v4. 3. WEDGE IS ASYMMETRICAL.				ADVANCED LIGO				DESIGNER L.WILLIAMS 09 JUN 2009			
MATERIAL				SUB-SYSTEM 100				DRAFTER L.WILLIAMS 10 JUN 2009			
FINISH				NEXT ASSY D020700				SIZE DWG. NO. B D0901175			
								CHECKER			
								APPROVAL			
								SCALE: NTS PROJECTION: SHEET 1 OF 1			