2 REV. DCN# DATE DRAWING TREE # NOTES CONTINUED: E1000139 4/23/10 GOLD COATING PATTERN, THIN COMPENSATION PLATE (TCP) BARREL,, VIEW SHOWN ROLLED OUT FLAT, REFER TO LIGO-D1000979 v2 5/17/10 E1000165 02 SEP 2015 E1500326-x0 -5MM MAX WIDE BREAK IN /CENTRE LINE COATING EXTENDS ACROSS THE ENTIRE OF OPTIC (BOTTOM) /CENTRELINE WIDTH OF THE OPTIC. OF OPTIC (TOP) -CENTRELINE CENTRELINE 2X, 267.0 OF OPTIC OF OPTIC ARC LENGTH 9 O'CLOCK 3 O'CLOCK POSITION. 2X, 14.70 POSITION.-ARC LENGTH 237.0 ARC LENGTH ARC LENGTH (100) 2X 30.0 16.0 - 16.0 - -5X ISOLATED GOLD PADS 5MM WIDE X 51MM LONG SEPERATED FROM EACH CENTRELINE OF OPTIC DETAIL B SCALE 1.5 : 1 OTHER & MAIN SECTION OF GOLD COATING BY A 5MM GAP. (TOP)— ONE IS POSITIONED CENTRED ON TOP CENTRELINE OF OPTIC AND OTHER THREE ARE POSITIONED AS SHOWN 10MM FROM TOP CENTRELINE OF OPTIC. 5X 5.0 — INDICATES START OF CHAMFER— 4X 10.0 -FRONT FACE OF OPTIC 5.0 5.0 41.0 57.00 -CENTRE LINE OF OPTIC (BOTTOM) DETAIL A SCALE 4 : 1 R1 TYP 5MM WIDE BREAK IN COATING EXTENDS ACROSS THE ENTIRE WIDTH OF THE OPTIC. -INDICATES START OF CHAMFER - Q OPTIC - 3.0-(2.0) 5.0 NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) PART NAME GOLD COATING PATTERN, THIN COMPENSATION PLATE CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1. INTERPRET DRAWING PER ASME Y14.5-1994. (TCP) BARREL DIMENSIONS ARE MILLIMETERS SUB-SYSTEM 4/23/10 **SIZE DWG. NO.** 2. REFER TO SPECIFICATION DOCUMENT E0900112-v3. DESIGNER K. BUCKLAND TOLERANCES: ADVANCED LIGO COC DRAFTER K. BUCKLAND 4/23/10 .X ± .5 .XX ± .25 **NEXT ASSY** MATERIAL CHECKER 5/4/10 C. TORRIE E0900112-v3 E0900112-v3 APPROVAL G. BILLINGSLEY 5/4/10 SCALE: NTS PROJECTION: