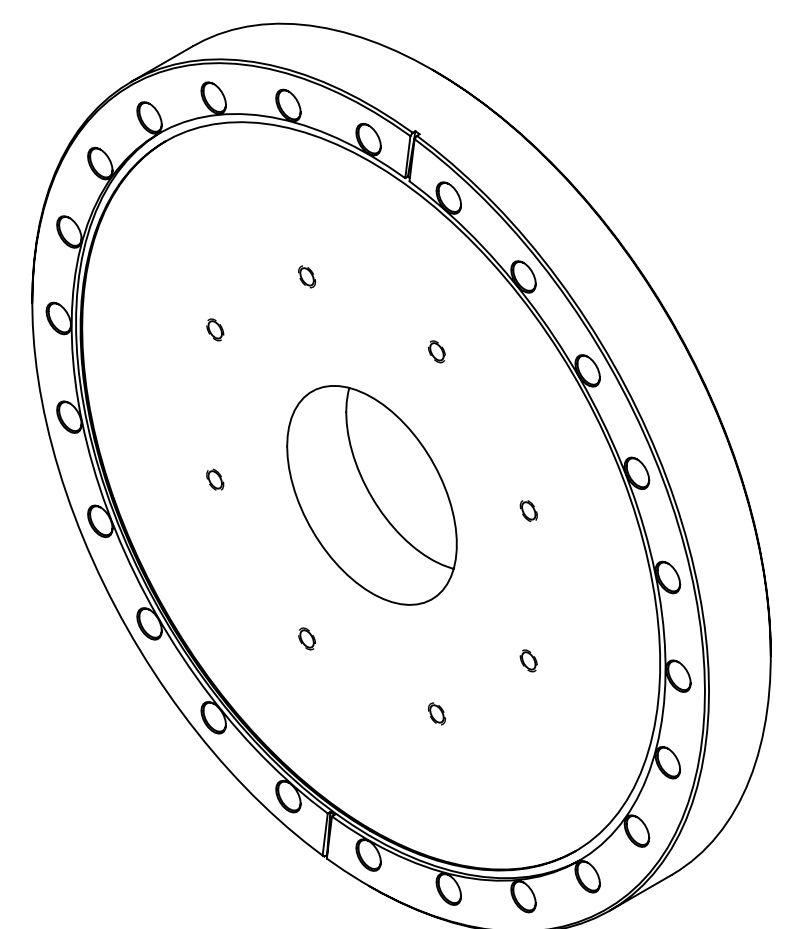
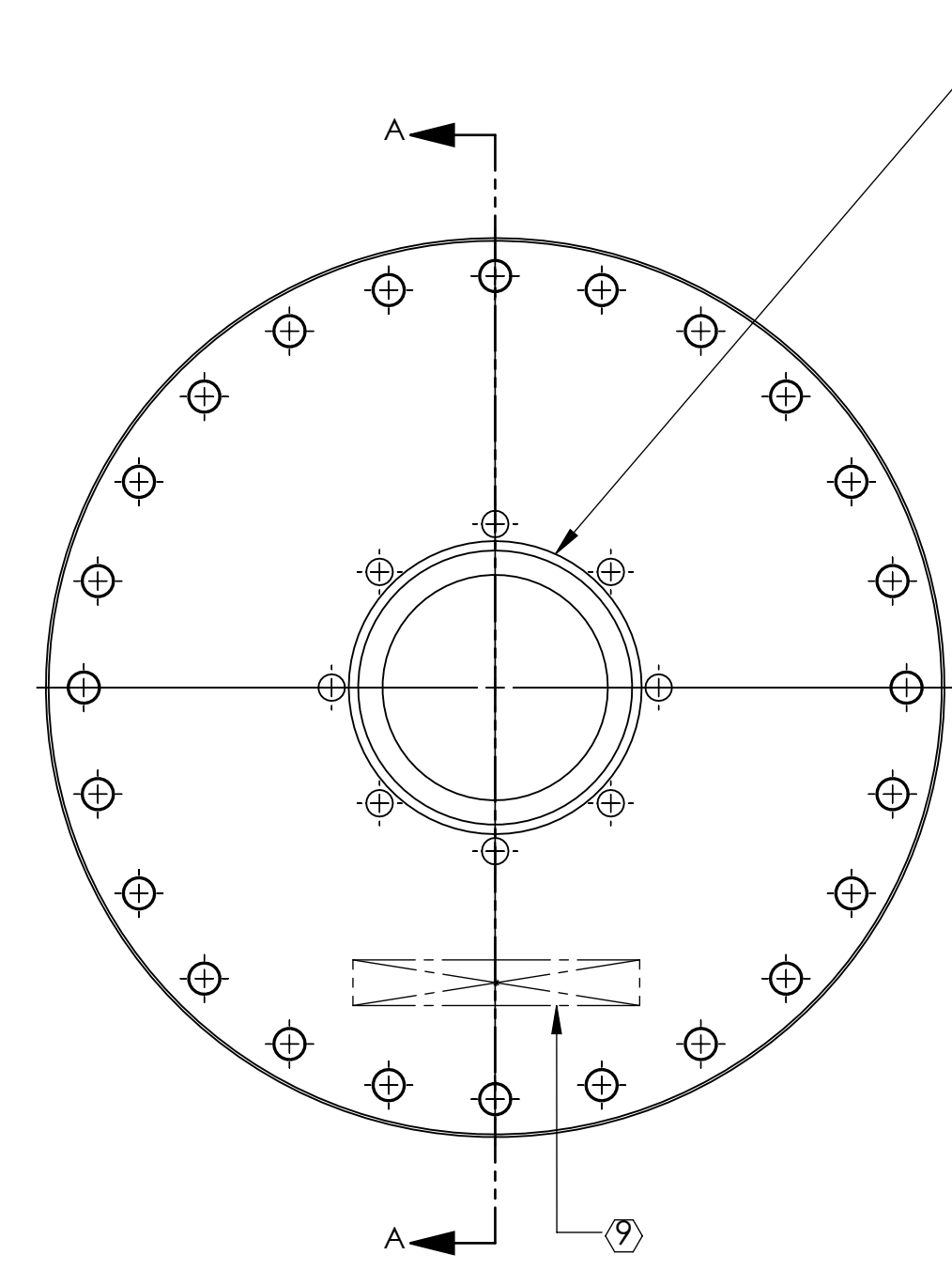


- NOTES CONTINUED:**
- ⑤ LASER MARK DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
 - 6. MAKE FROM MDC VACUUM PRODUCTS ZERO LENGTH REDUCER PART NO. 150039 MATERIAL: 304 SSSL
 - 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 - ⑧ INDICATED TAPPED HOLES .005 OVERSIZE BOTH DRILL AND TAP.

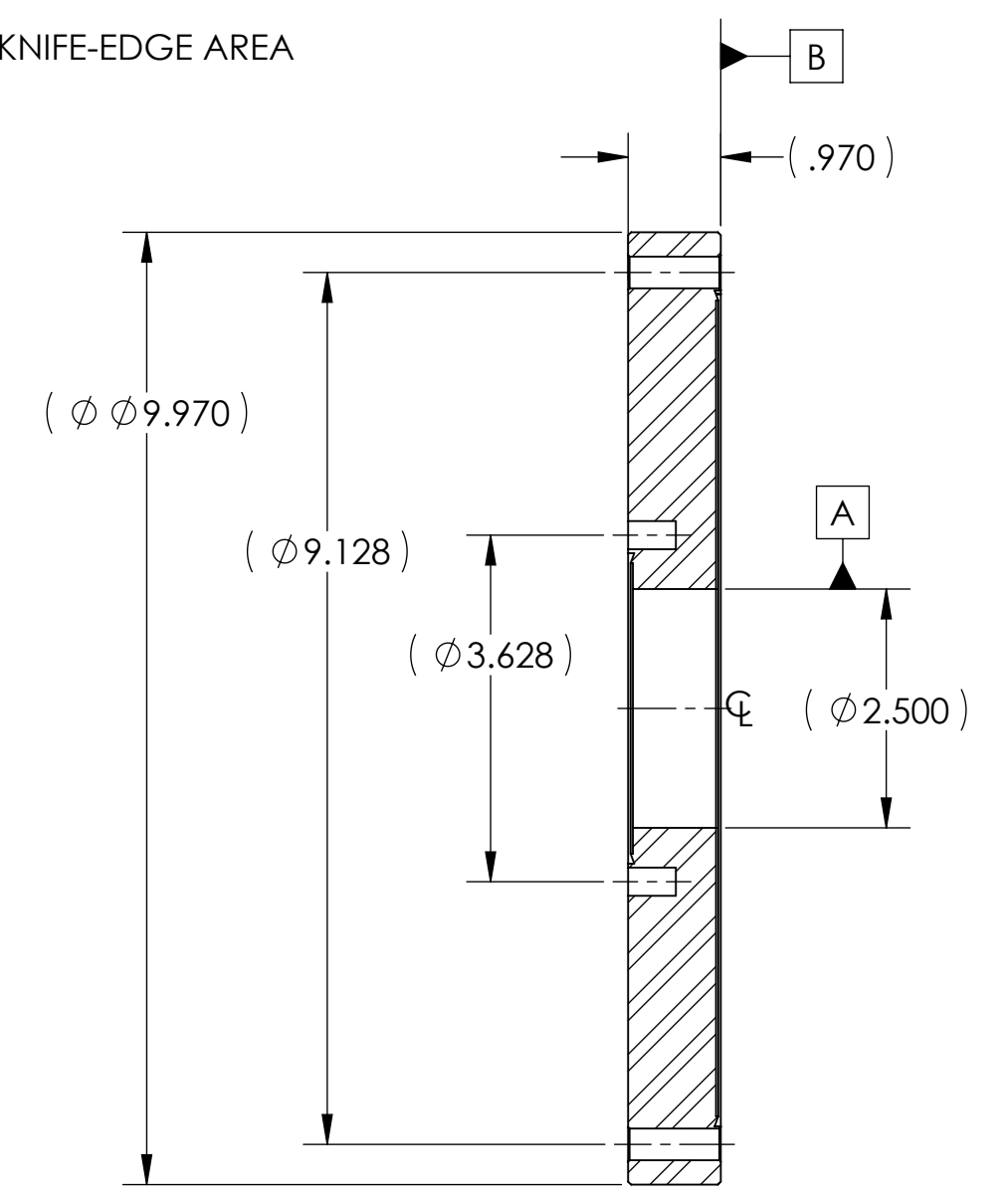
REV.	DATE	DCN #	DRAWING TREE #
v1	13 APR 2010	E1100356-x0	-
-	-	-	-
-	-	-	-



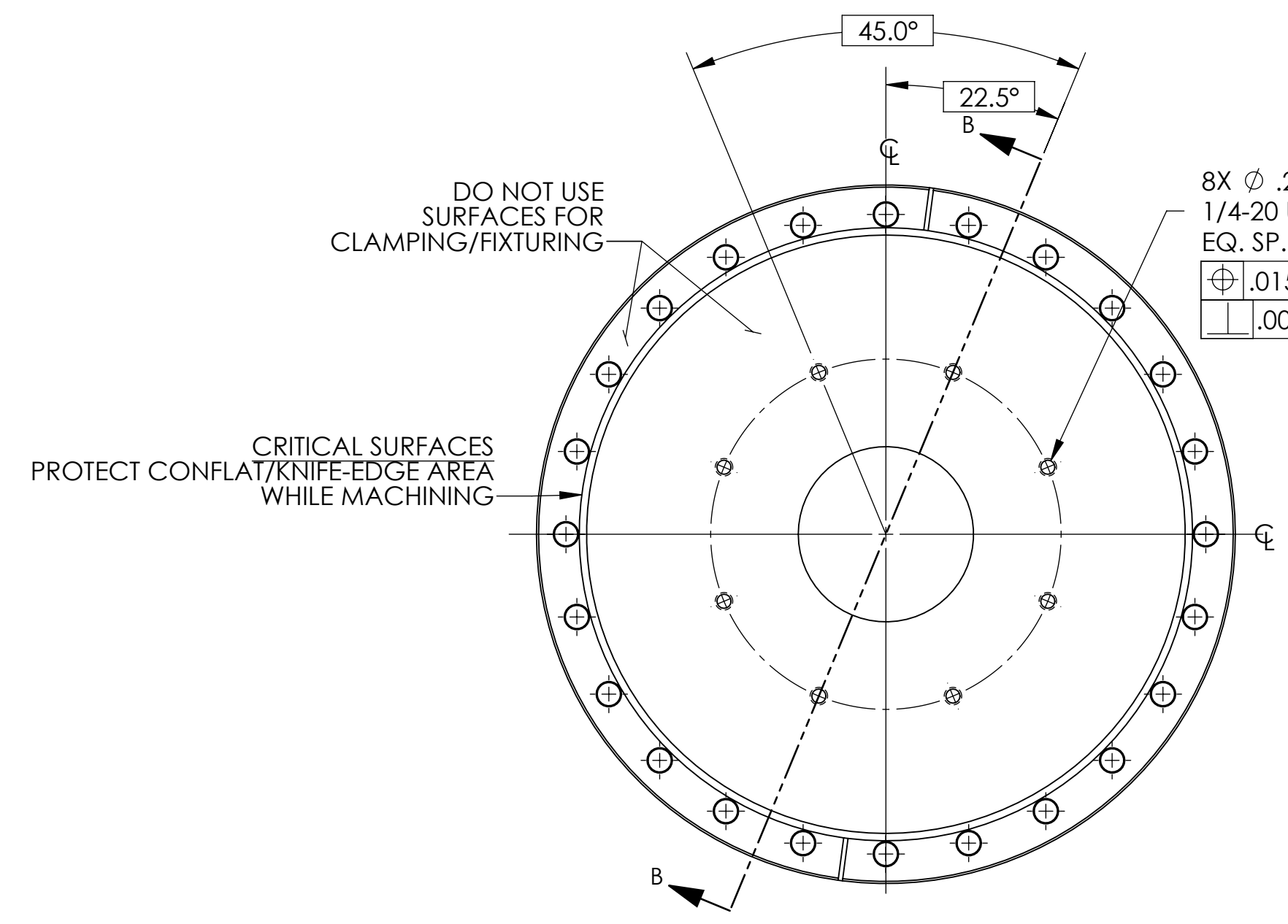
ISO VIEW



CRITICAL SURFACES
PROTECT CONFLAT/ KNIFE-EDGE AREA
WHILE MACHINING



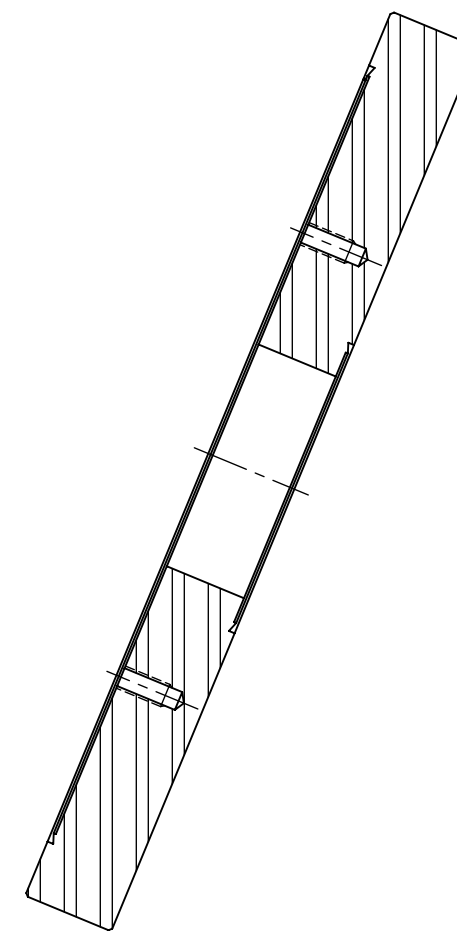
SECTION A-A



CRITICAL SURFACES
PROTECT CONFLAT/KNIFE-EDGE AREA
WHILE MACHINING

8X ϕ .201 ∇ .650 (8)
1/4-20 UNC ∇ .500
EQ. SP. ON A ϕ 5.000 B.C
 ϕ .015 (M) A B
.005 (M) P .500 B

VIEW



SECTION B-B

DIMENSIONS ARE IN INCHES		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
TOLERANCES: .XX ± .01 .XXX ± .005		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		ADVANCED LIGO		ALIGO OPLEV PERISCOPE MDC ZL REDUCER (MODIFIED)	
ANGULAR ± 1.0°		MATERIAL		NEXT ASSY		DESIGNER: C.WILKERSON 21 FEB 2011 DRAFTER: E.SANCHEZ 08 APR 2011 CHECKER: J.LEWIS 10 MAY 2011 APPROVAL:	
		SEE NOTE 6		N/A μ inch		DWG. NO. D1100626 SCALE: 1:2 PROJECTION:	
				D1100625		REV. v1 SHEET 1 OF 1	

D1100626 ALIGO OPLEV PERISCOPE MDC ZL REDUCER (MODIFIED), PART (PDM REV: X.002, DRAWING PDM REV: X.003)