NOTES CONTINUED:

Ⓢ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) 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. A VIBRATORY TOOL MAY BE USED.
EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

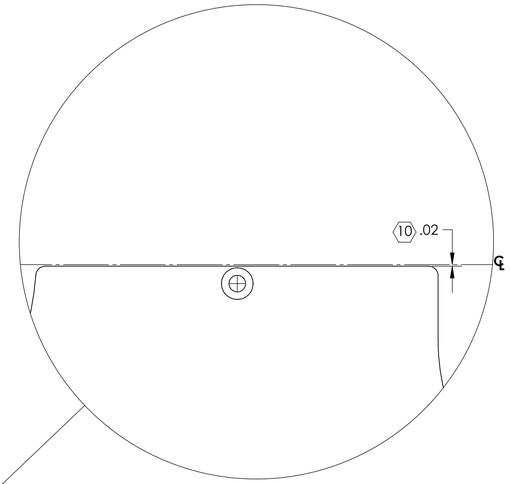
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

⑧ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

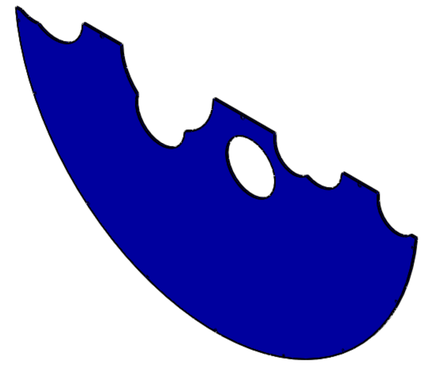
⑨ ELECTRO POLISH TO REMOVE .0005-.001 PER SIDE.

⑩ PART IS NOT TRUE HALF CIRCLE.

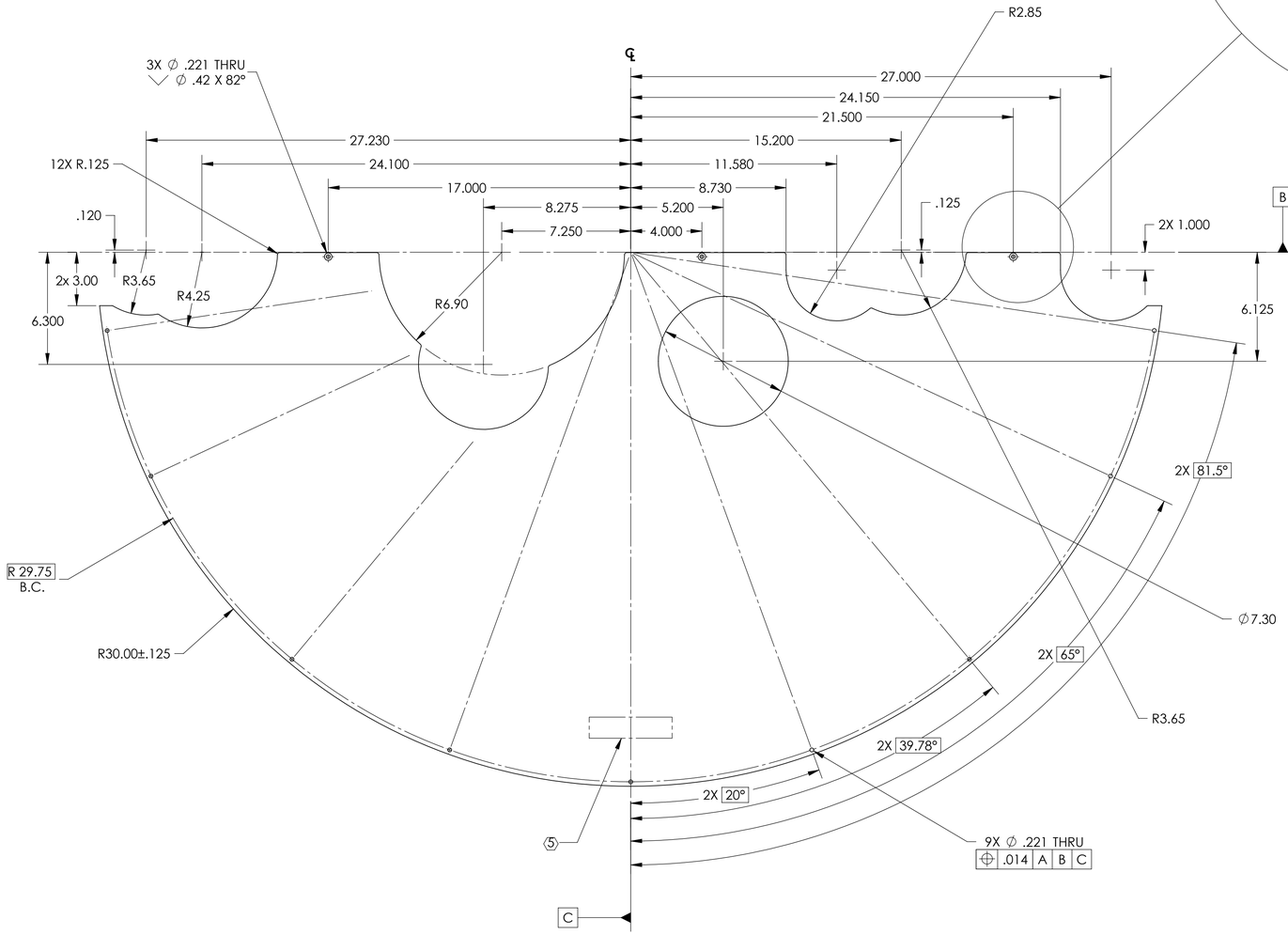
REV.	DATE	DCN #	DRAWING TREE #
v1	18 MAY 2011	E1000822-v1	-
v2	30 JUN 2011	-	-
v3	19 JULY 2011	-	-

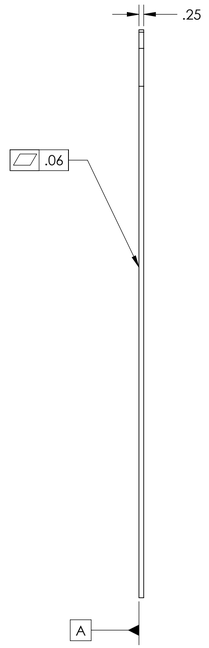


DETAIL A
SCALE 1 : 1
4 PLACES



GENERAL VIEW
FOR REFERENCE VIEW ONLY
NO SCALE





NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)							
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .005 ANGULAR ± 0.5°	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED 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.			LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: LOWER APERTURE PLATE, MCA1	
	MATERIAL: 6061-T6 Al	FINISH: ⑧ ⑨		SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER: TQ. NGUYEN 12 MAR 2011	SIZE: D
				NEXT ASSY: D1002864		DRAFTER: TQ. NGUYEN 15 MAR 2011	DWG. NO.: D1100469
						CHECKER: M. SMITH	REV.: v3
						APPROVAL: D. COYNE	SCALE: 1:4 PROJECTION: SHEET 1 OF 1

D1100469_aLIGO_MC_Tube_Baffle_Lower Aperture Plate_MCA1, PART PDM REV= X-X25, DRAWING PDM REV= X-X25