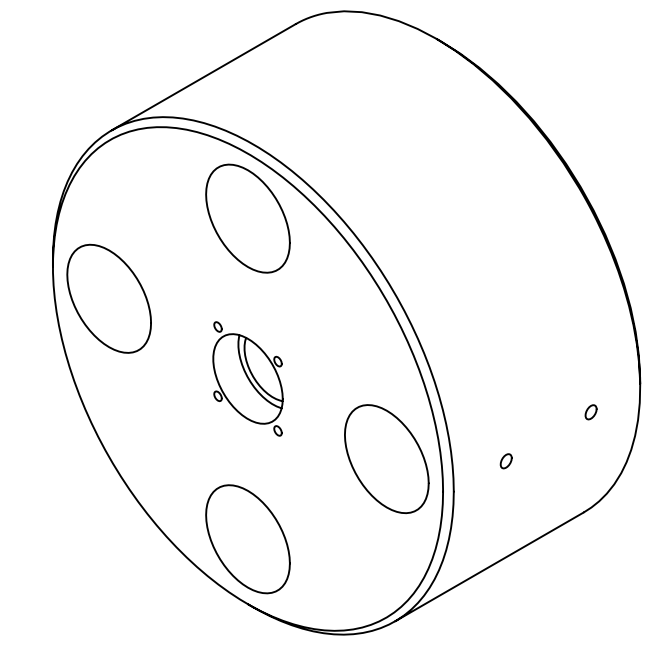
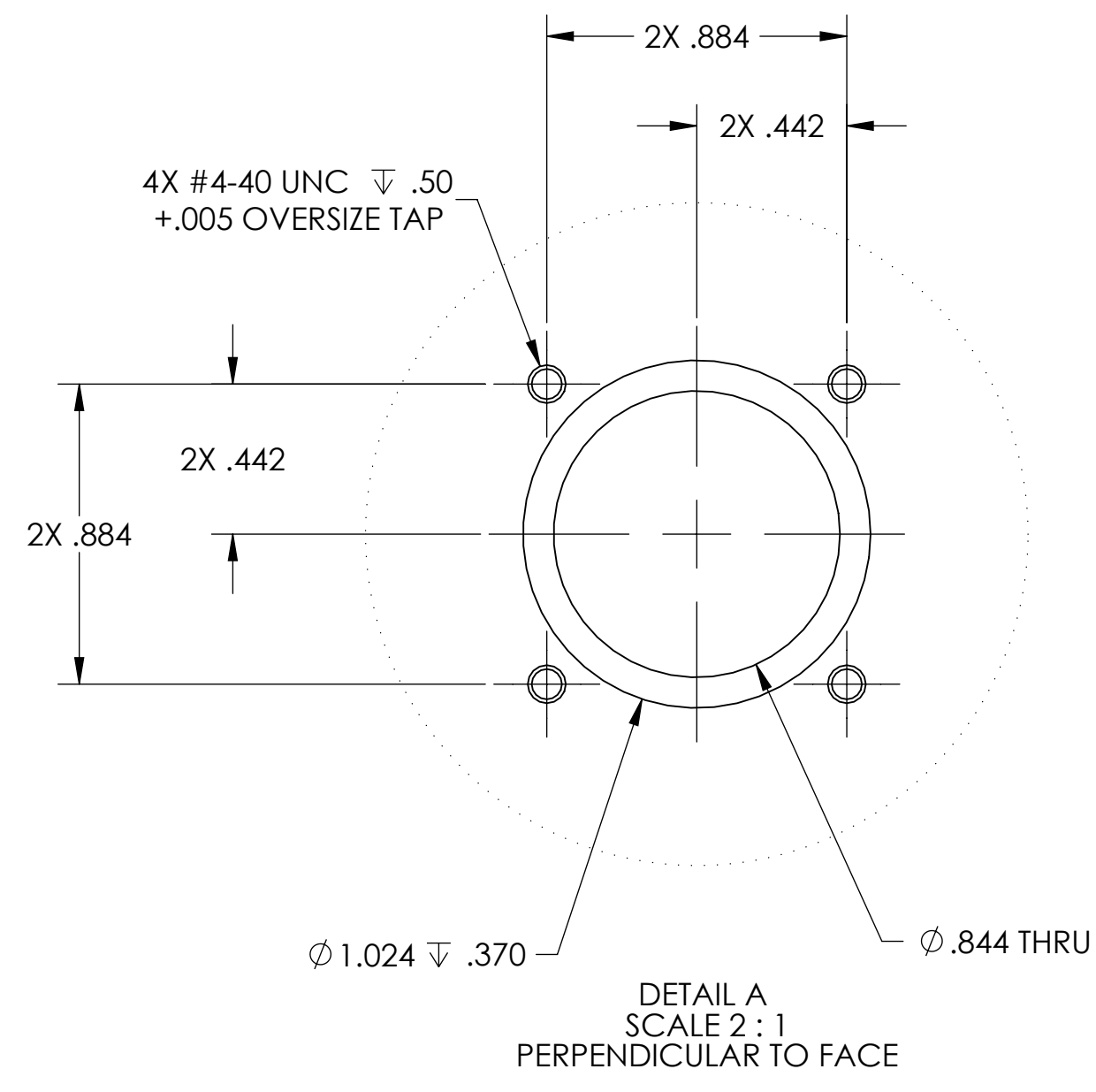


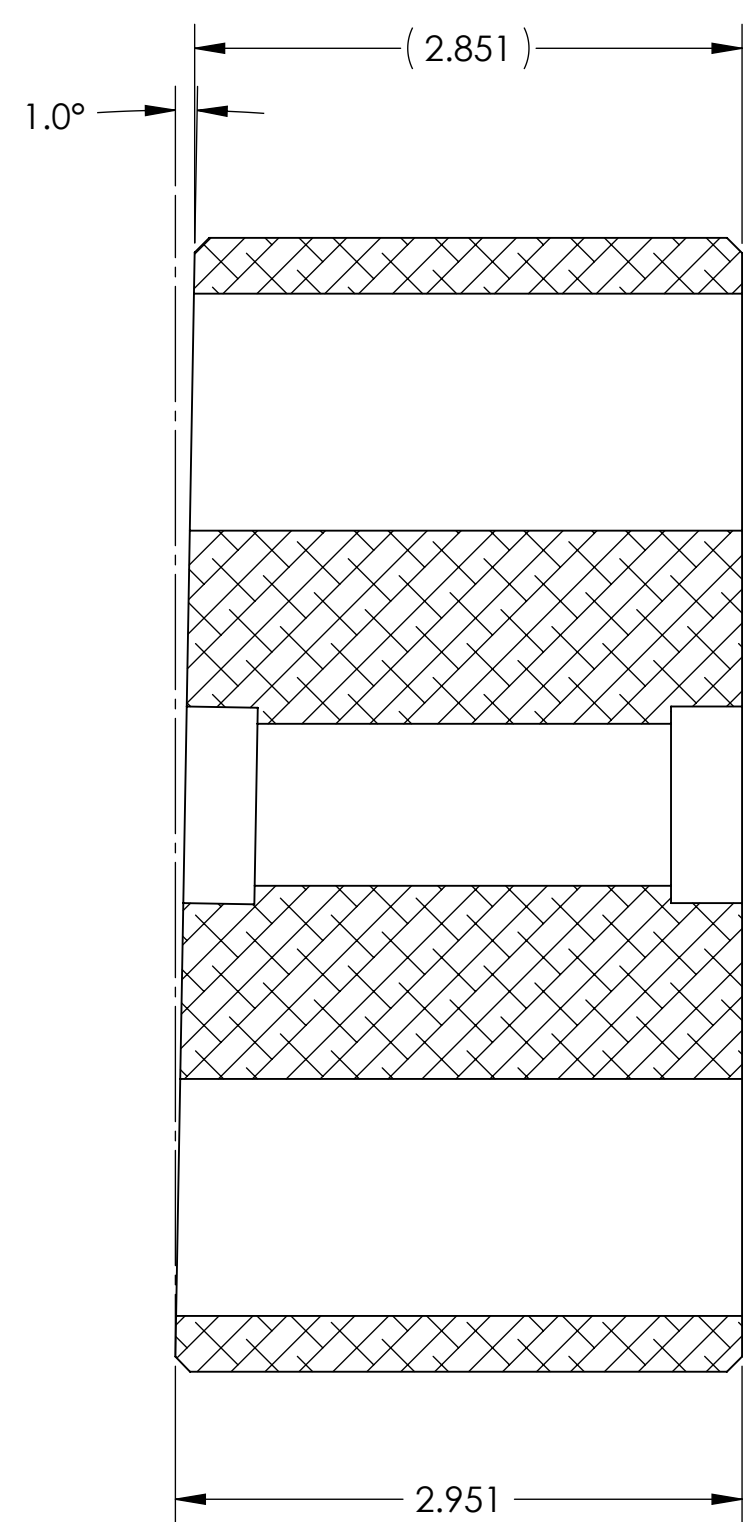
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 101 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
 6. APPROXIMATE WEIGHT = 6.201 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	30 DEC 2009	E0900507	E0900353
v2	18 JUN 2010	E1000219	E0900353
v3	24 SEP 2010	E1000469	E0900353

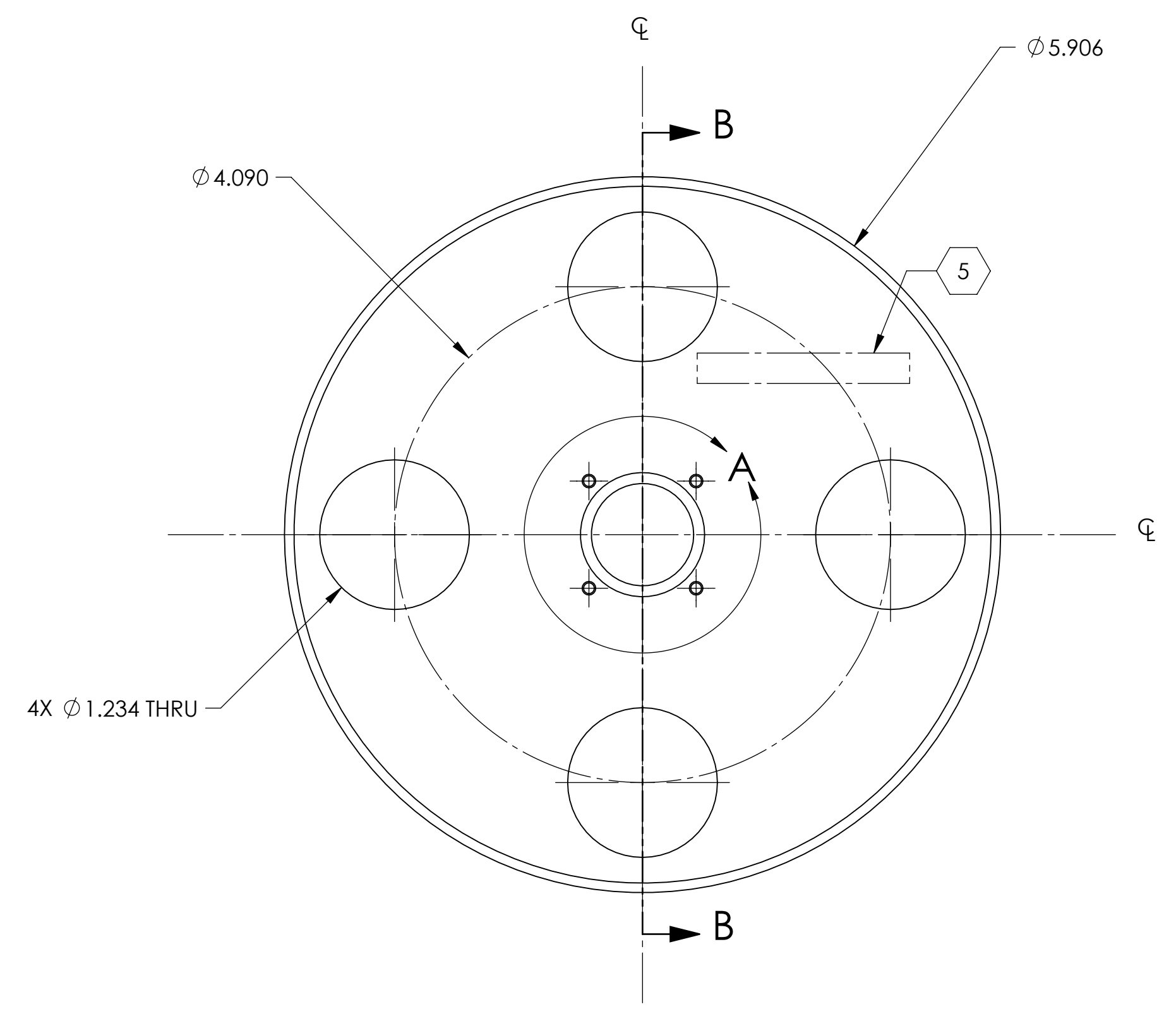


ISOMETRIC VIEW

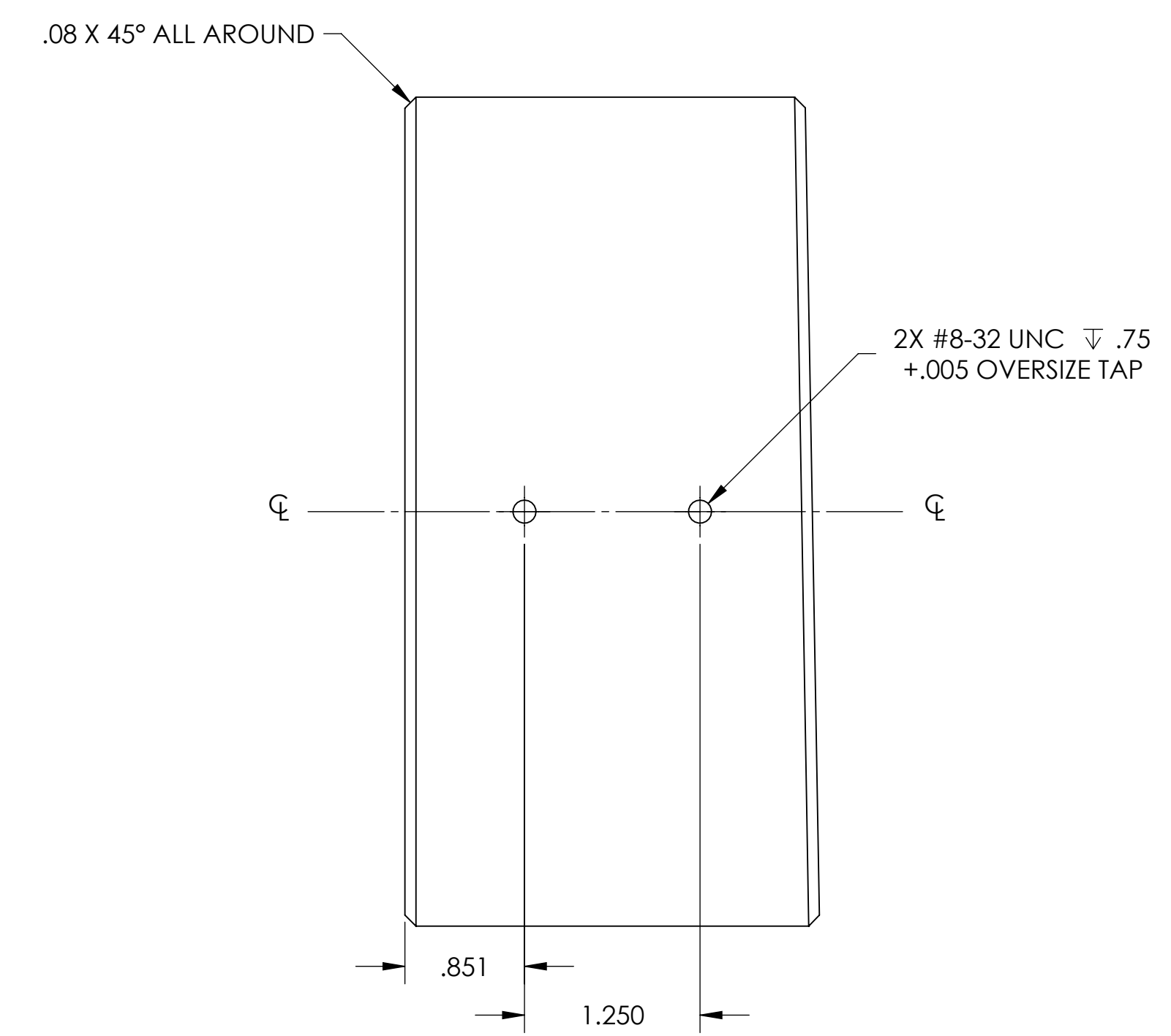
DETAIL A
SCALE 2:1
PERPENDICULAR TO FACE



SECTION B-B



BOTH SIDES



BOTH SIDES

DIMENSIONS ARE IN INCHES		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO 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, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS		METAL LOWER MASS (PR/SR), HSTS	
ANGULAR ± 0.1°		MATERIAL 6061-T6 Al		FINISH 32 μinch		NEXT ASSY D020700		DESIGNER M. MEYER	
								10 AUG 2009	
								SIZE D	
								DWG. NO. D0902332	
								REV. v3	
								SCALE: 1:1	
								PROJECTION:	
								SHEET 1 OF 1	

D0902332_A01.LIGO_SUS_HSTS_Metal Test Mass (PR-SR, 1 deg). PART PDM REV-V1.001. DRAWING PDM REV-V1.000