NOTES CONTINUED:

5. SCRIBE, ENGRAVE, OR MECHANICAL STAMP (NO INK OR DYES) DRAWING PART NUMBER, REVISION, USED, CHAMBER ON NOTED SURFACE OF PART FOLLOWED ON THE 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, SR2, HAM5-L1.

6. APPROXIMATE WEIGHT =37.72 LB.

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

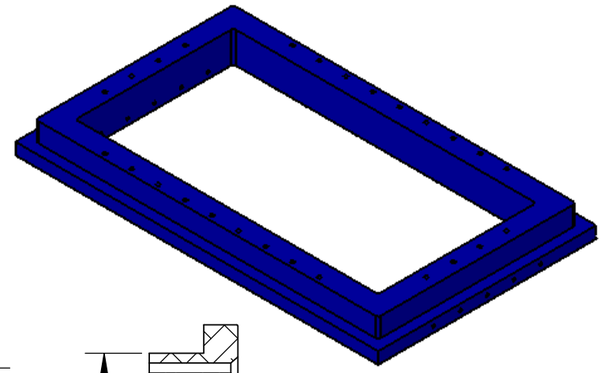
8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

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

10. ALL HELI-COIL HOLES TO BE PREPARED ACCORDING TO EMHART HELI-COIL PRODUCT CATALOG, HC2000 REV 4

11. ALL HELI-COIL INSERTS TO BE INSTALLED BY LIGO PERSONNEL AFTER DELIVERY OF FINISHED PARTS. USE NITRONIC 60 THREADED INSERTS.

REV.	DATE	DCN #	DRAWING TREE #
v3	15 SEP 2011	-	-
v4	09 AUG 2012	-	-
v5	30 NOV 2012	-	-



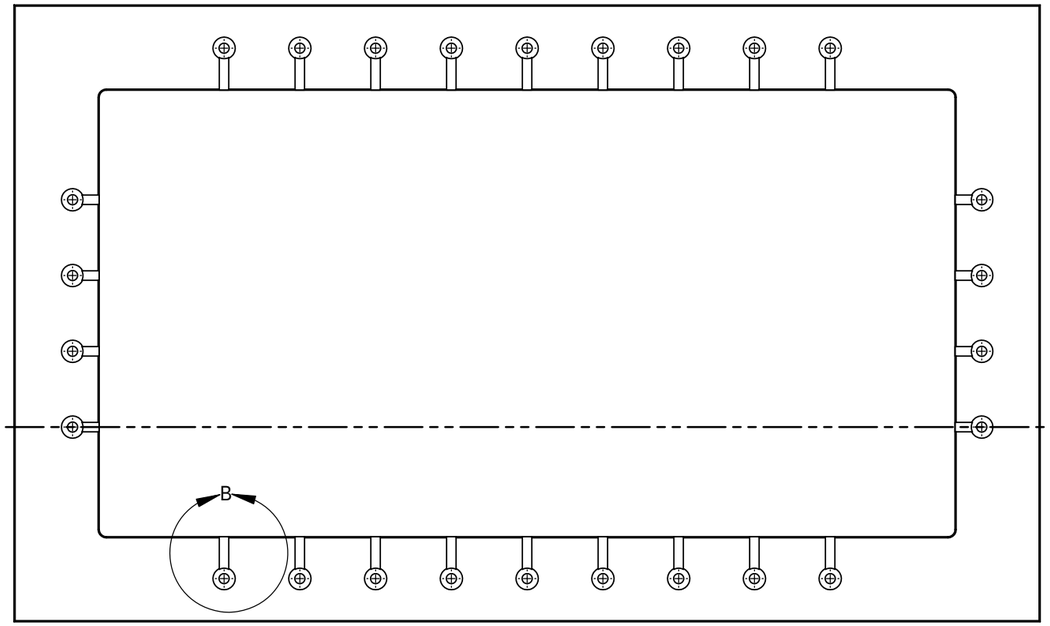
SECTION E-E

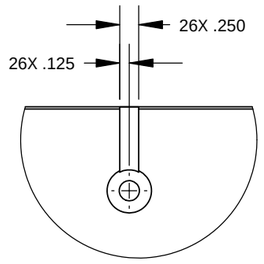
SECTION A-A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)					
DIMENSIONS ARE IN TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± .5°	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY 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.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME: Output Faraday Isolator Spacer (HAM5-L1)	
	MATERIAL: 6061-T6 Al	FINISH: 63 µinch	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	NEXT ASSY: D0900456

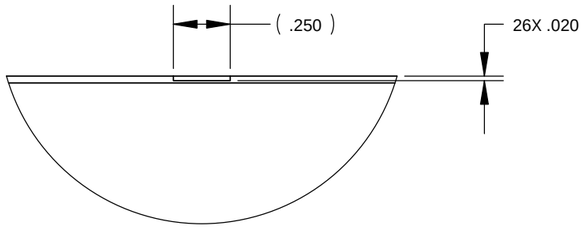
			SIZE	DWG. NO.	REV.
DESIGNER	M.RUIZ	04 FEB 2011	B	D1100208	v5
DRAFTER	ED CHAVEZ	08 MAY 2012			
CHECKER			SCALE: 1:4	PROJECTION:	SHEET 1 OF 2
APPROVAL					

D1100208_ALIGO_AOS_Output Faraday Isolator Spacer (HAM5-L1), PART PDM REV: X-010, DRAWING PDM REV: X-014

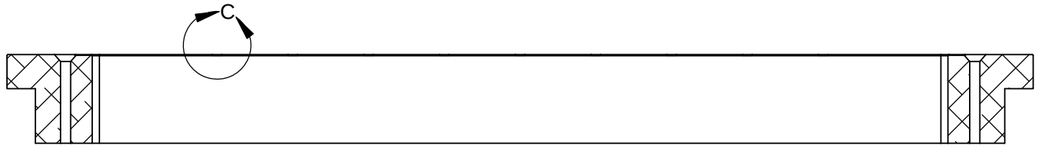




DETAIL B
SCALE 1 : 2



DETAIL C
SCALE 1.5 : 1



SECTION A-A

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
SIZE B	DWG. NO. D1100208		REV. v5
SCALE: 1:4	PROJECTION:		SHEET 2 OF 2

D1100208_ALIGO_AOS_Output Faraday Isolator Spacer (HAM5-L1), PART PDM REV: X-010, DRAWING PDM REV: X-014