

8

7

6

5

4

3

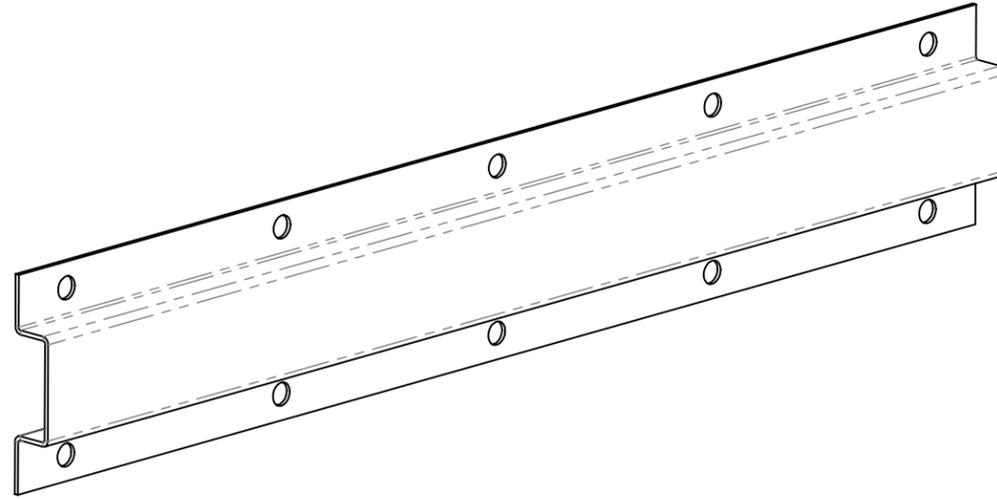
2

1

NOTES CONTINUED:

- 5. MACHINE PART NUMBER, REVISION, SERIAL NUMBER, .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXXX-V1 S/N 001
- 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 OR PLUGS) UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO, REFER TO LIGO-E0900364.
- 8. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE MATERIAL SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.
- 9. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES & GOUGES.
- 10. PART WILL BE PORCELAIN COATED AFTER FABRICATION. ALL MOUNTING HOLES WILL BE MASKED ($\phi 0.63$) PRIOR TO PORCELAIN COATING PER LIGO SPEC E1000083-V4.

REV.	DATE	DCN #	DRAWING TREE #
v1	18 NOV 2010	E1000736	-
-	-	-	-
-	-	-	-



D

D

C

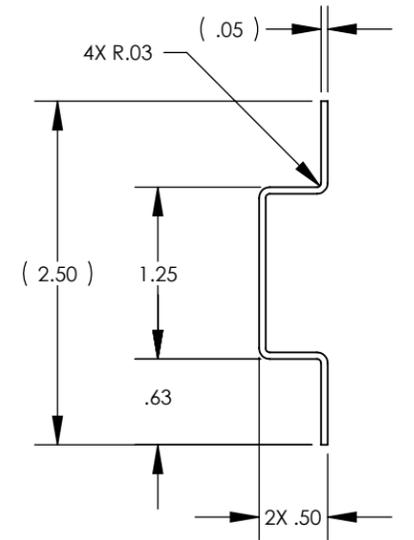
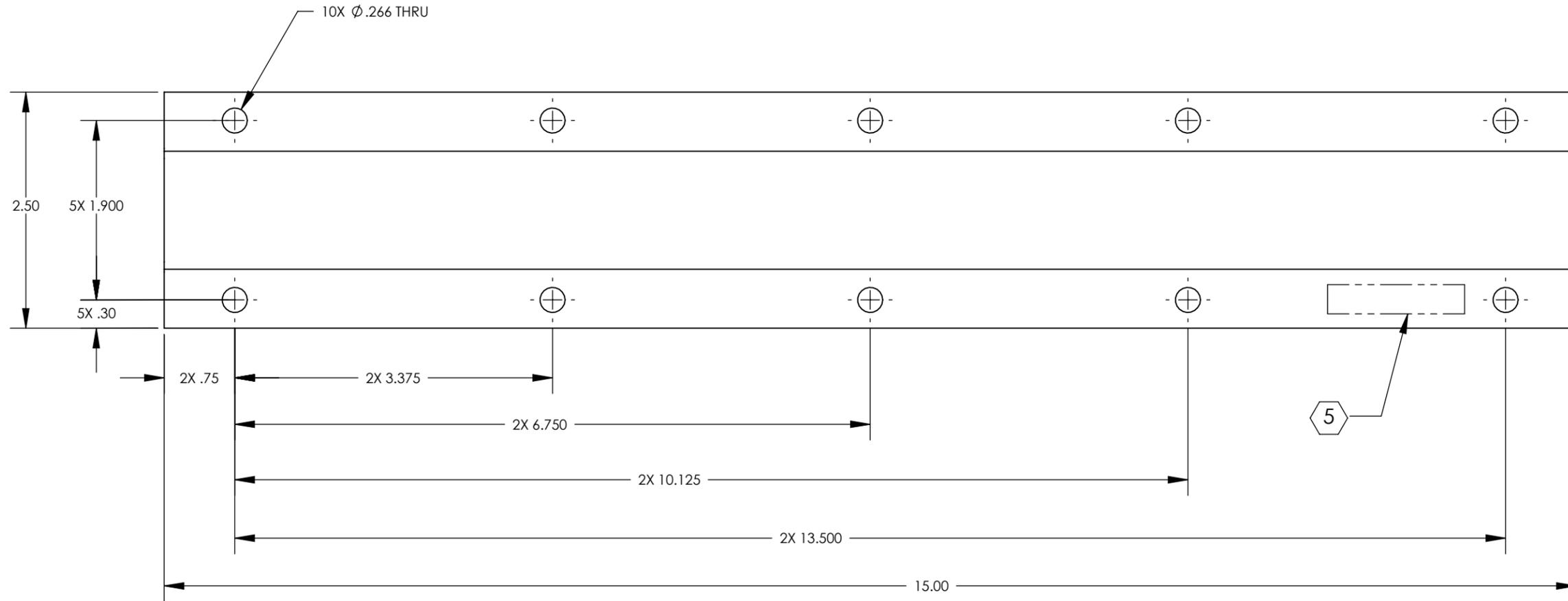
C

B

B

A

A



D1002928_AdlIGO_AOS_ITM Elliptical Baffle Hatsection, PART PDM REV: X-007, DRAWING PDM REV: X-008

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX $\pm .01$
 .XXX $\pm .015$
 ANGULAR $\pm .5^\circ$

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.

MATERIAL: A424 TYPE I, 18GA, SSSL

FINISH: SEE NOTE 7

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO

SUB-SYSTEM: AOS

NEXT ASSY: D1002750

PART NAME: ITM Elliptical Baffle Hatsection

DESIGNER	M.RUIZ	06 NOV 2010	SIZE	DWG. NO.	REV.
DRAFTER	M.RUIZ	10 NOV 2010	B	D1002928	v1
CHECKER			SCALE: 3:4	PROJECTION:	SHEET 1 OF 1
APPROVAL					

8

7

6

5

4

3

2

1