

**NOTES CONTINUED:**

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK 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.

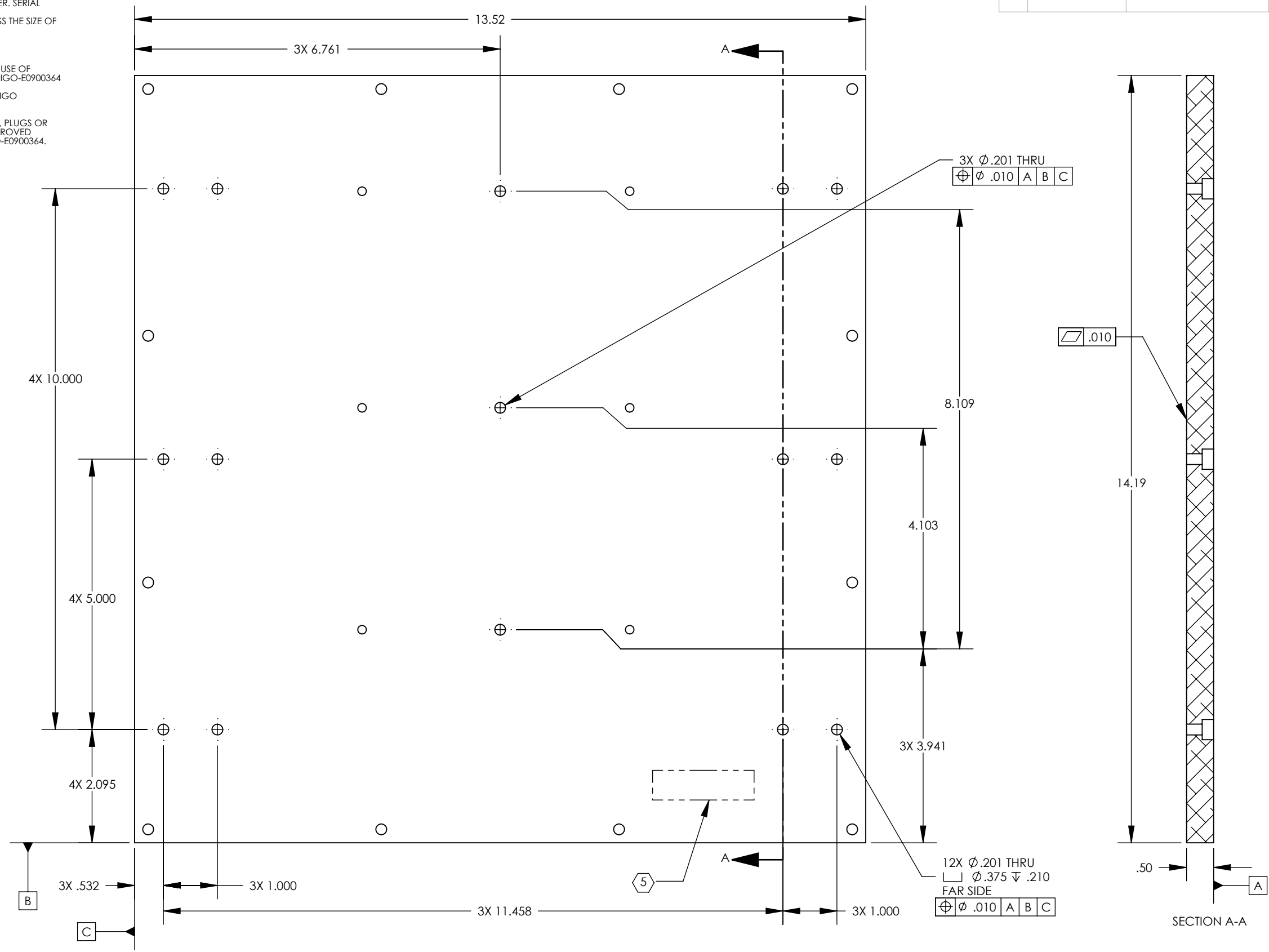
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATIONS 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 IN WRITING BY LIGO LABORATORY, REFER TO LIGO-E0900364.

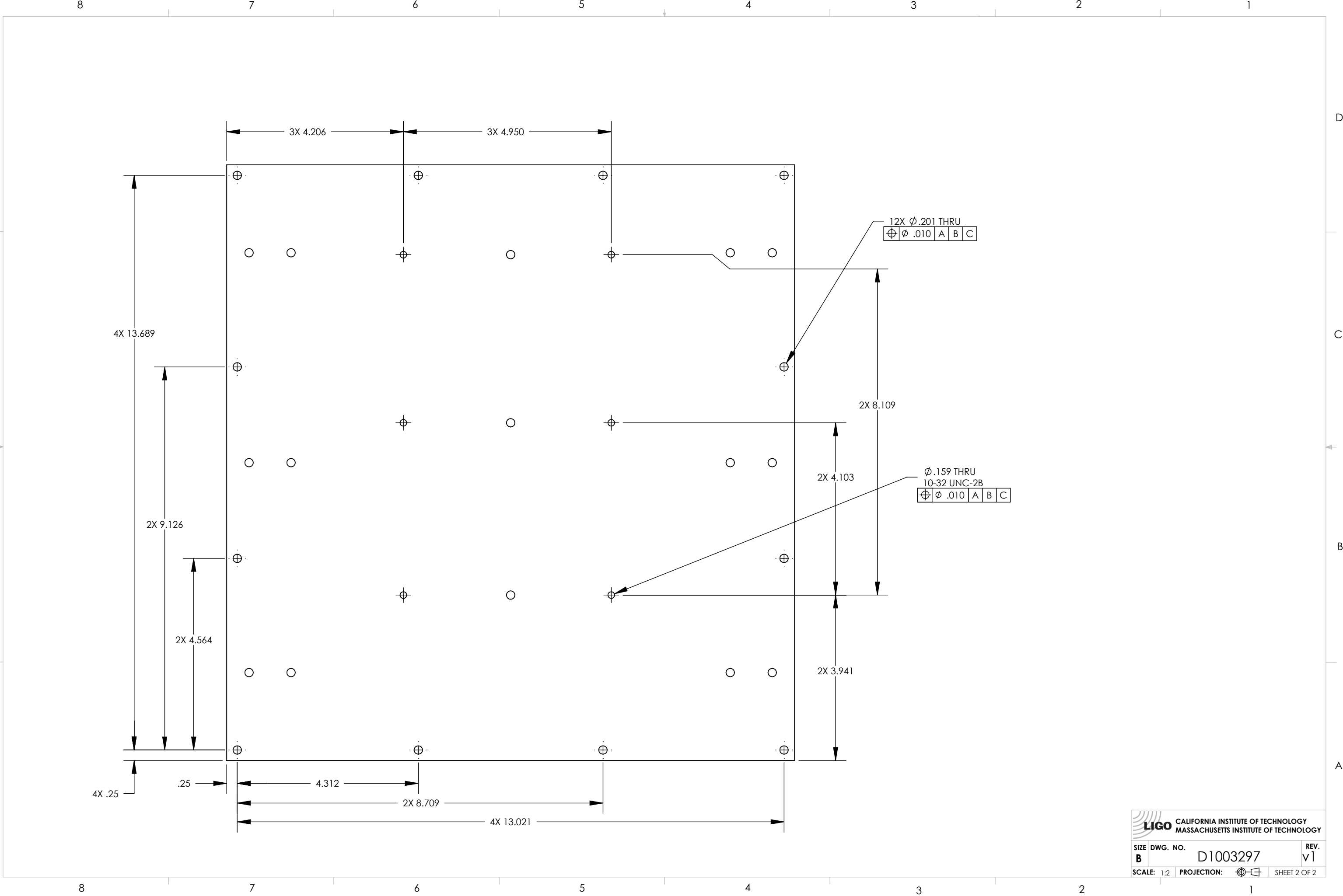
REV.	DATE	DCN #	DRAWING TREE #
v1	13 JAN 2011	E1000865	



D1003297 AdLIGO AOS Base, Frame, Scraper Baffle, PART PDM REV: X-019, DRAWING PDM REV: X-012

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES 0.005" TO 0.015". 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.		Base, Frame, Scraper Baffle	
MATERIAL 6061-T6 Al		FINISH 63 μinch		SYSTEM Advance LIGO		SUB-SYSTEM AOS	
NEXT ASSY D1003288				DESIGNER N. KILPATRICK		DATE 04 JAN 2011	
DIMENSIONS ARE IN INCHES				CHECKER		SIZE DWG. NO. B D1003297	
DIMENSIONS ARE IN INCHES				APPROVAL		REV. v1	
DIMENSIONS ARE IN INCHES				SCALE: 1:2		PROJECTION:	
DIMENSIONS ARE IN INCHES				SHEET 1 OF 2		SHEET 1 OF 2	

D1003297 AdLIGO AOS Base, Frame, Scraper Baffle, PART PDM REV: X-019, DRAWING PDM REV: X-012



		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
B	D1003297	v1	
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2	