

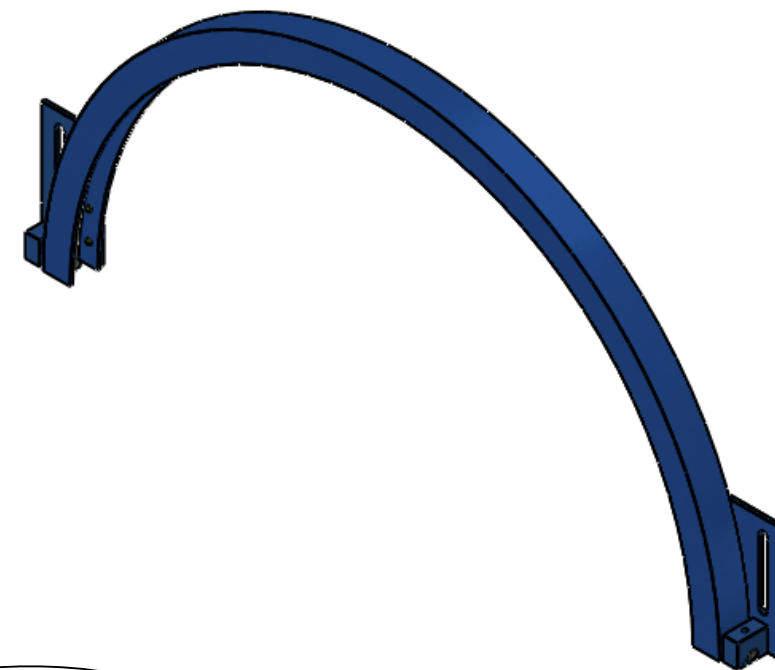
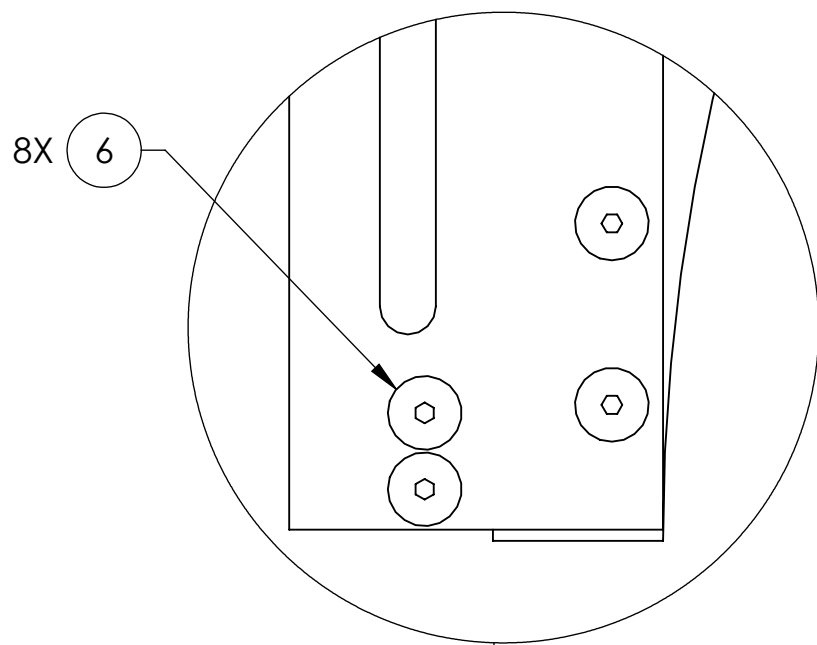
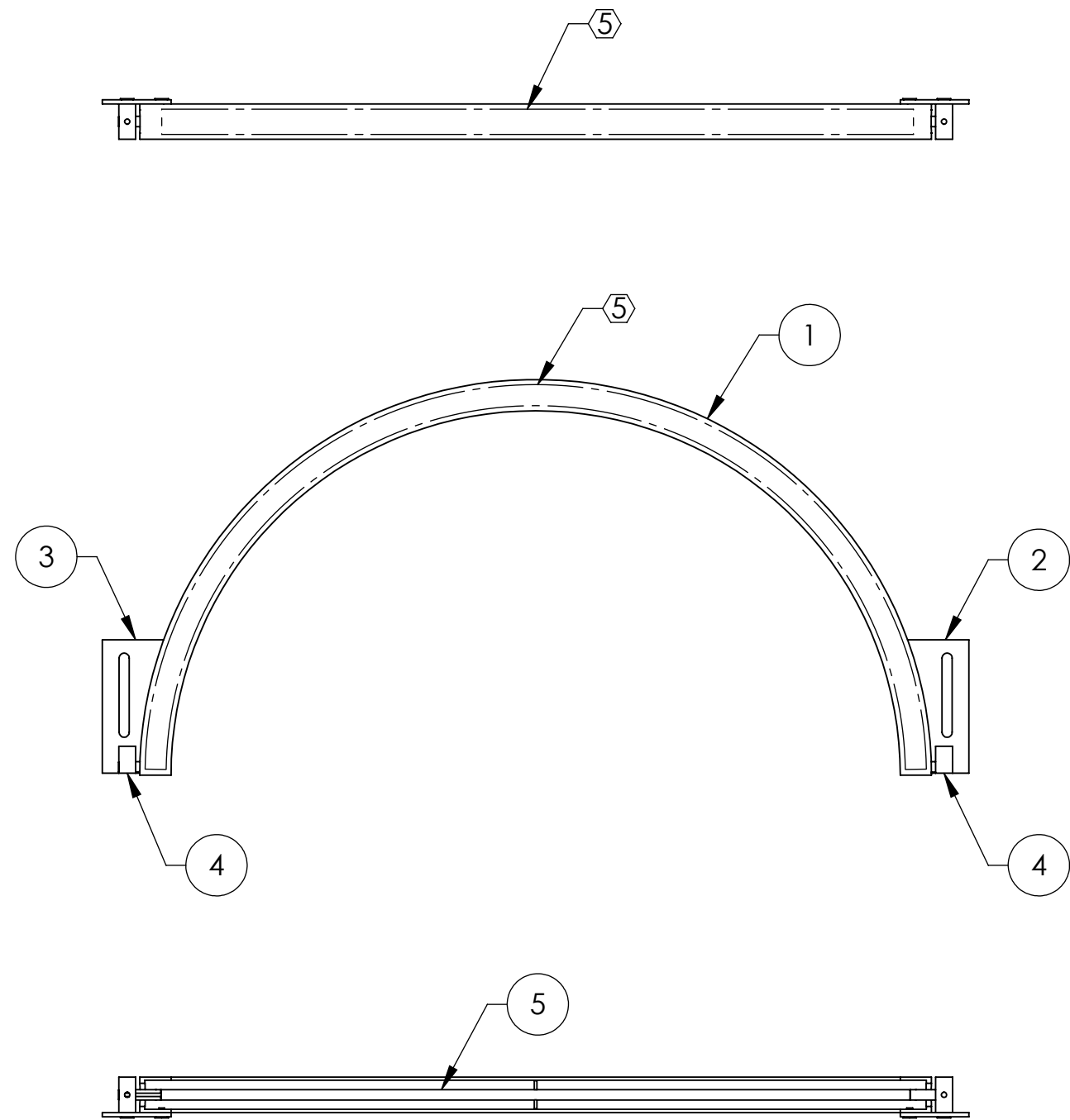
D0901269\_ADV\_LIGO\_TCS\_RING\_HEATER\_AND\_SHIELD\_ASSEM, PART PDM REV: X-033, DRAWING PDM REV: X-032

**NOTES CONTINUED:**  
 5. SCRIBE OR ENGRAVE (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON A NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" MINIMUM HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

REV.	DATE	DCN #	DRAWING TREE #
v2	22 OCT 2009	E0900345-v1	E0900344-v1
-	-	-	-
-	-	-	-

D  
C  
B  
A

D  
C  
B  
A



6	-	#4-40 X .188 FLT HD SKT SCREW, SST	18-8 SST	8	1	9
5	D0901279	TCS_RING_HEATER_ELEMENT	not specified	1		1
4	D0902410	ADLIGO TCS RING HEATER BLOCK	6061-T6 ALU	2		2
3	D0902409	ADLIGO TCS RING HEATER BACK PLATE LH	6061-T6 ALU	1		1
2	D0902408	ADLIGO TCS RING HEATER BACK PLATE RH	6061-T6 ALU	1		1
1	D0902351	ADLIGO TCS RING HEATER SHIELD	6061-T6 ALU	1		1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL

**PARTS LIST**

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**  
 DIMENSIONS ARE IN INCHES [MM]  
 TOLERANCES:  
 .XX ±  
 .XXX ±  
 ANGULAR ± °

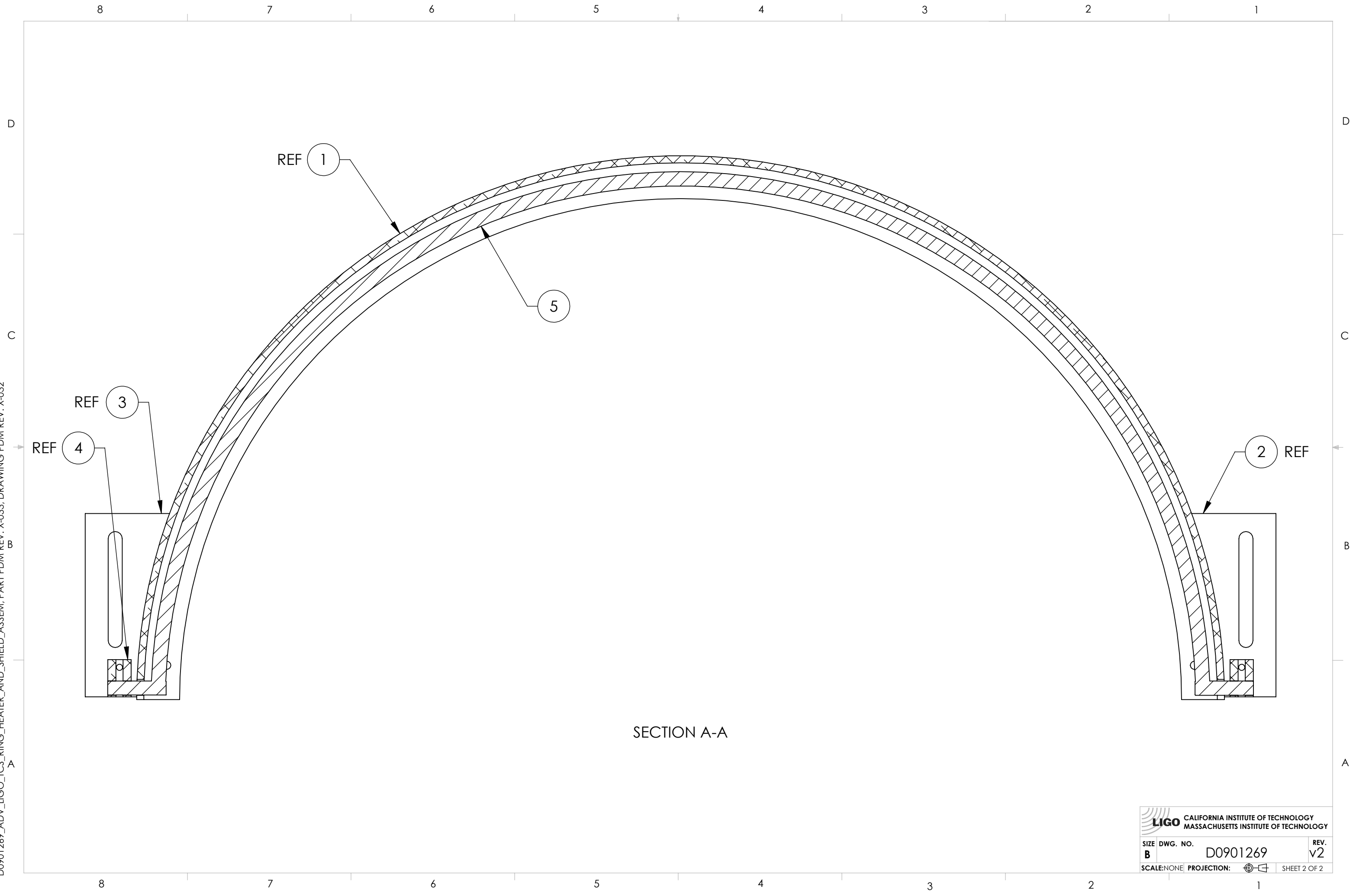
1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, R.02 MIN.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.  
 MATERIAL N/A FINISH N/A μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 SYSTEM ADVANCED LIGO SUB-SYSTEM AOS  
 NEXT ASSY D080475


PART NAME ADV\_LIGO\_TCS\_RING\_HEATER AND SHIELD\_ASSEM  
 DESIGNER KMAILAND 16 JUN 2009 SIZE DWG. NO. D0901269 REV. v2  
 DRAFTER C. CONLEY 09 OCT 2009  
 CHECKER APPROVAL  
 SCALE: NONE PROJECTION: SHEET 1 OF 2

8 7 6 5 4 3 2 1

D0901269\_ADV\_LIGO\_TCS\_RING\_HEATER\_AND\_SHIELD\_ASSEM, PART PDM REV: X-033, DRAWING PDM REV: X-032



SECTION A-A

 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		
SIZE	DWG. NO.	REV.
B	D0901269	v2
SCALE: NONE	PROJECTION:	SHEET 2 OF 2