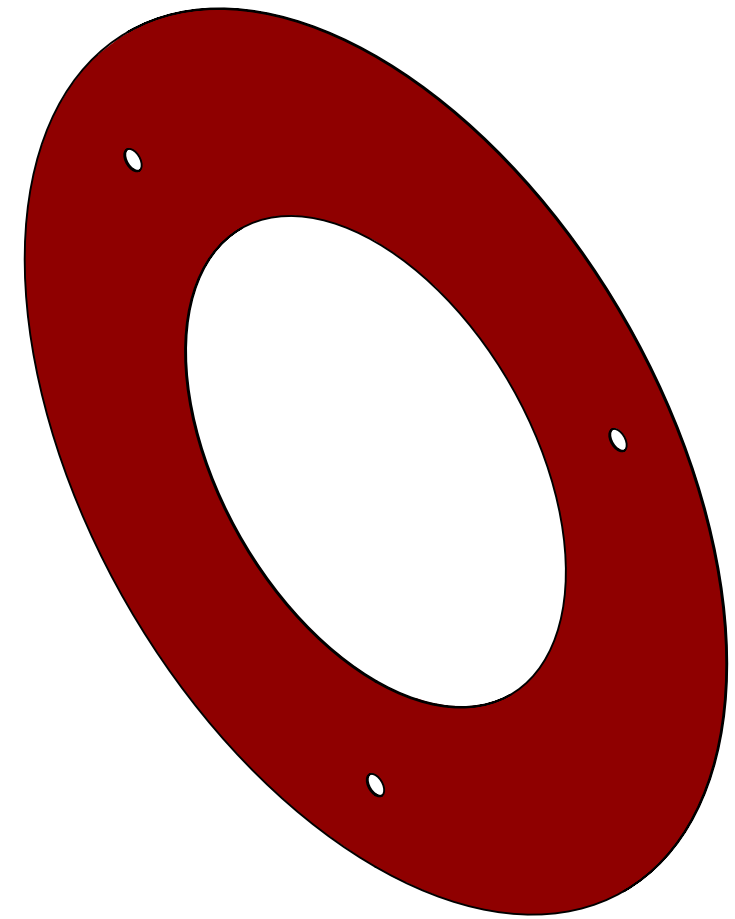
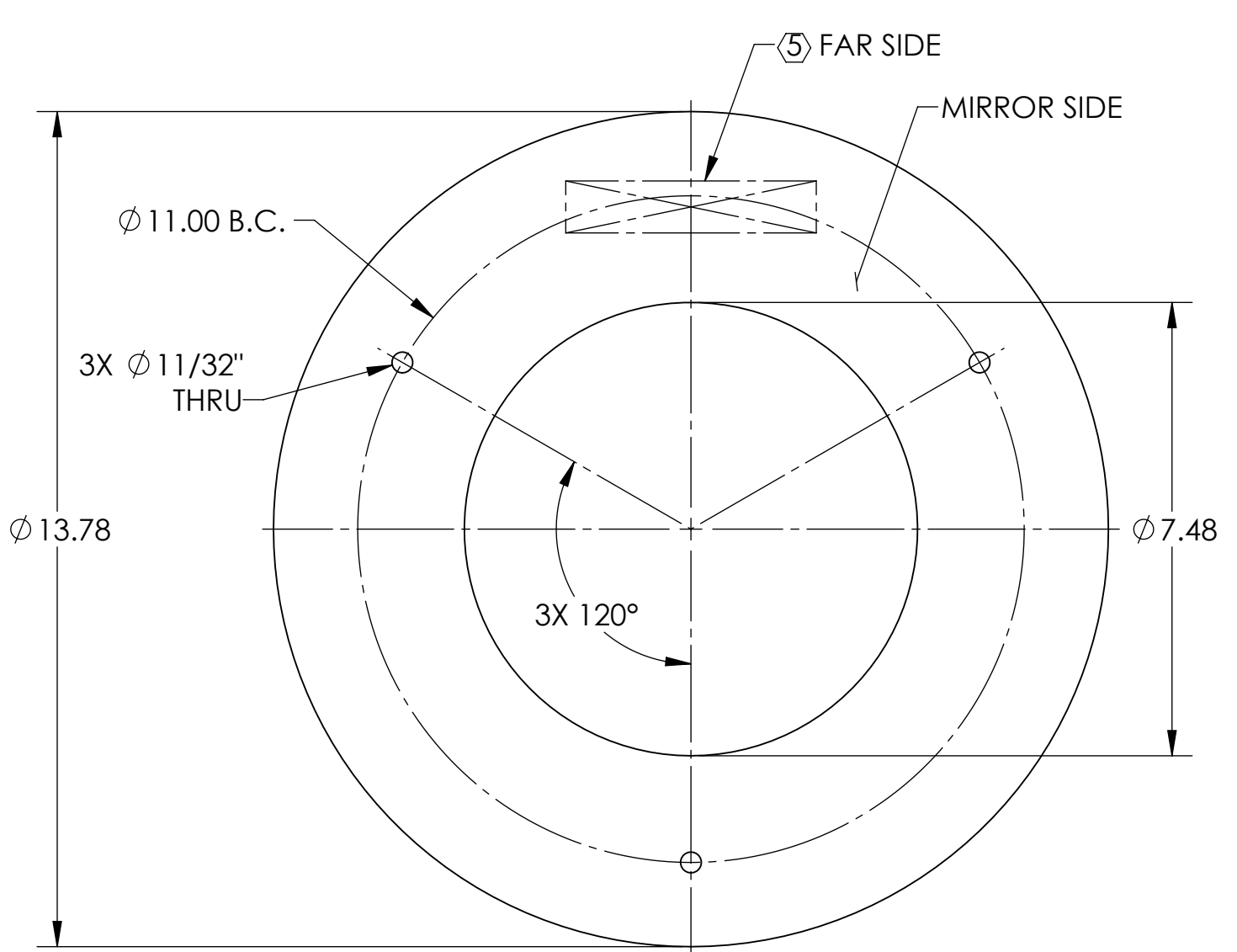


8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
v1	09 FEB 2012	E1101204	-
-	-	-	-
-	-	-	-

NOTES CONTINUED:

- ⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), OR LASER MARK (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: DXXXXXXX-VY, TYPE-XX, S/N XXX
- 6. MASS: 0.275 KG [0.606 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.
- ⑨ 304 STAINLESS STEEL, .020 ± .003 INCH THICK, SUPER #8 MIRROR FINISH ONE SIDE.
- 10. PARTS WORKED TO THE DIMENSIONS OF THIS DRAWING SHALL HAVE SURFACE FINISH AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- ⑪ DIMENSIONALLY COMPLETE PARTS TO BE OXIDIZED PER LIGO SPECIFICATION E1100842, SECTIONS 2.2 THROUGH 4.2.



D1102297_c1LIGO TRANSMON TELESCOPE SSSL PLATE, PART PDM REV: X-009, DRAWING PDM REV: X-009

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005	
ANGULAR ± 1.0°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY 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.	
MATERIAL	304 SSSL ⑨
FINISH	⑪

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		aLIGO TRANSMON TELESCOPE SSSL PLATE	
SYSTEM	SUB-SYSTEM	DESIGNER	DATE
ADVANCED LIGO	AOS	K. MAILAND	05 DEC 2011
CHECKER	APPROVAL	DRFTR	DATE
SEE DCN	SEE DCN	J. TERRAZAS	09 FEB 2012
SEE DCN	SEE DCN	CHECKER	DATE
SEE DCN	SEE DCN	APPROVAL	DATE
SIZE	DWG. NO.	REV.	
B	D1102297	v1	
SCALE: NONE	PROJECTION:	SHEET 1 OF 1	

8 7 6 5 4 3 2 1