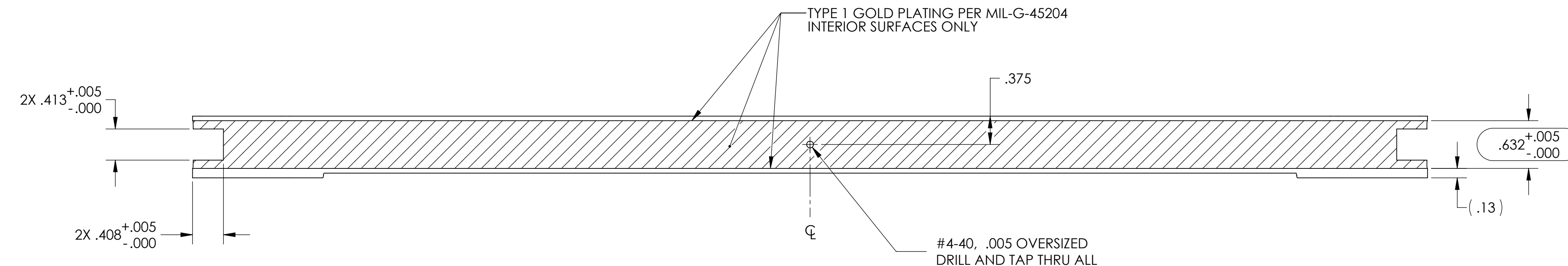
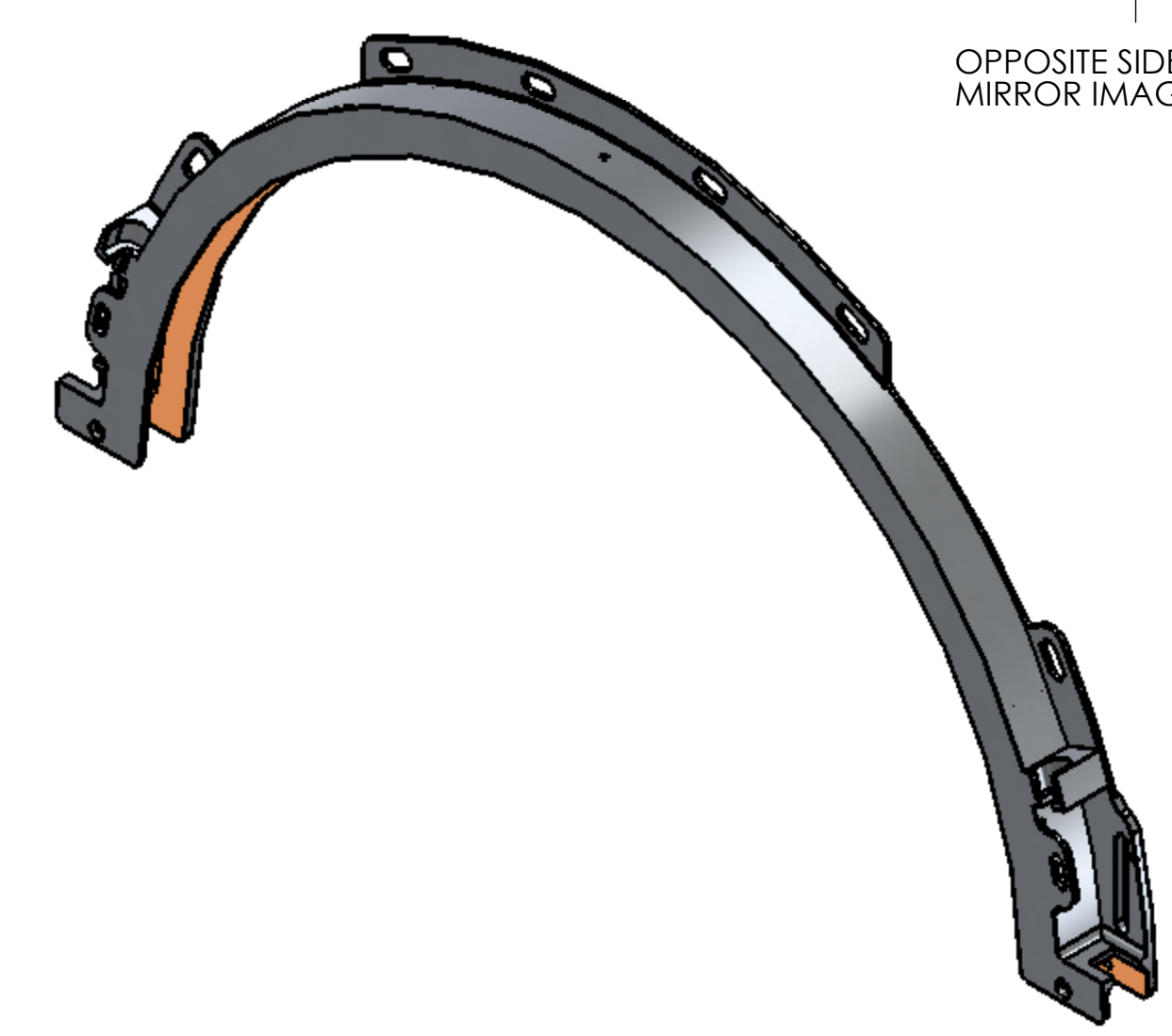
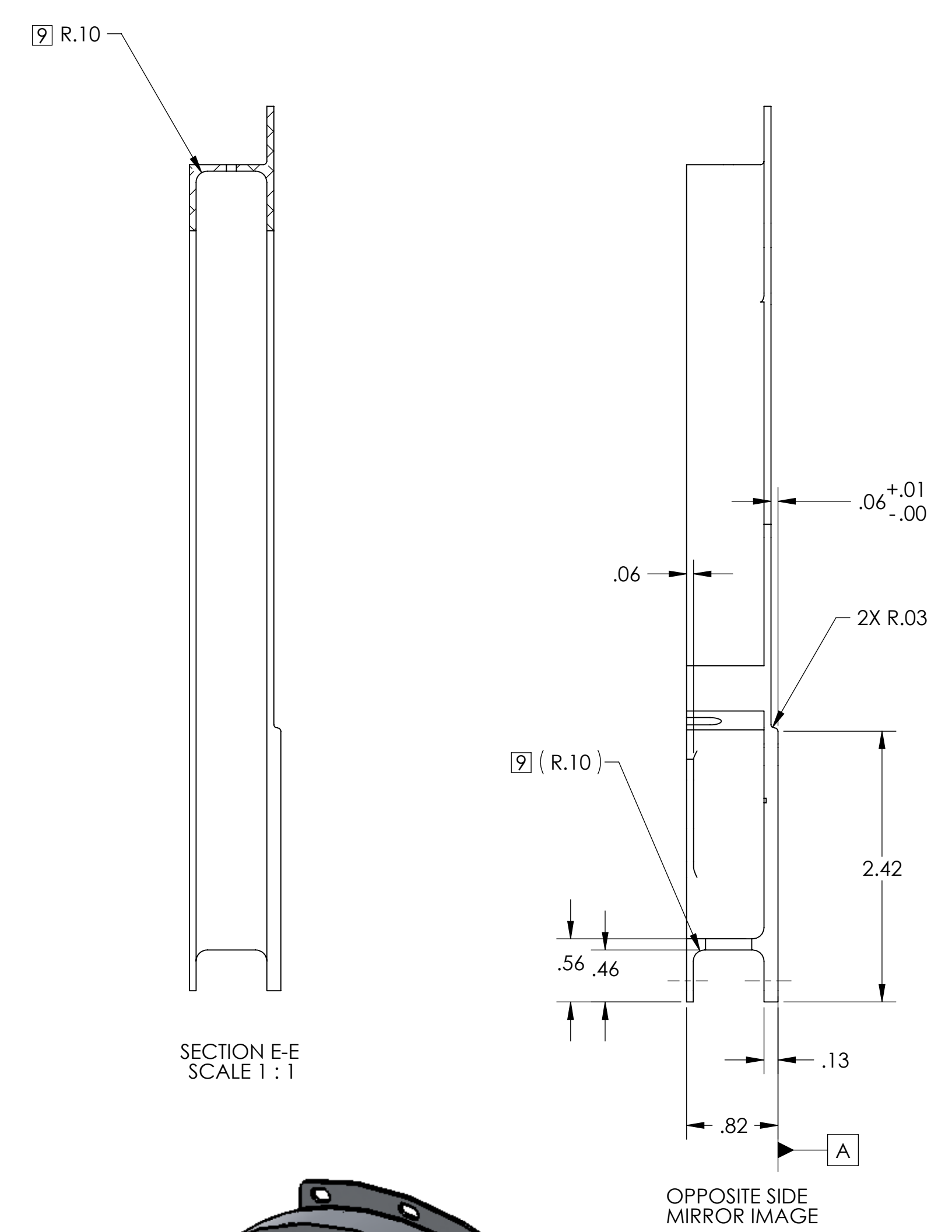
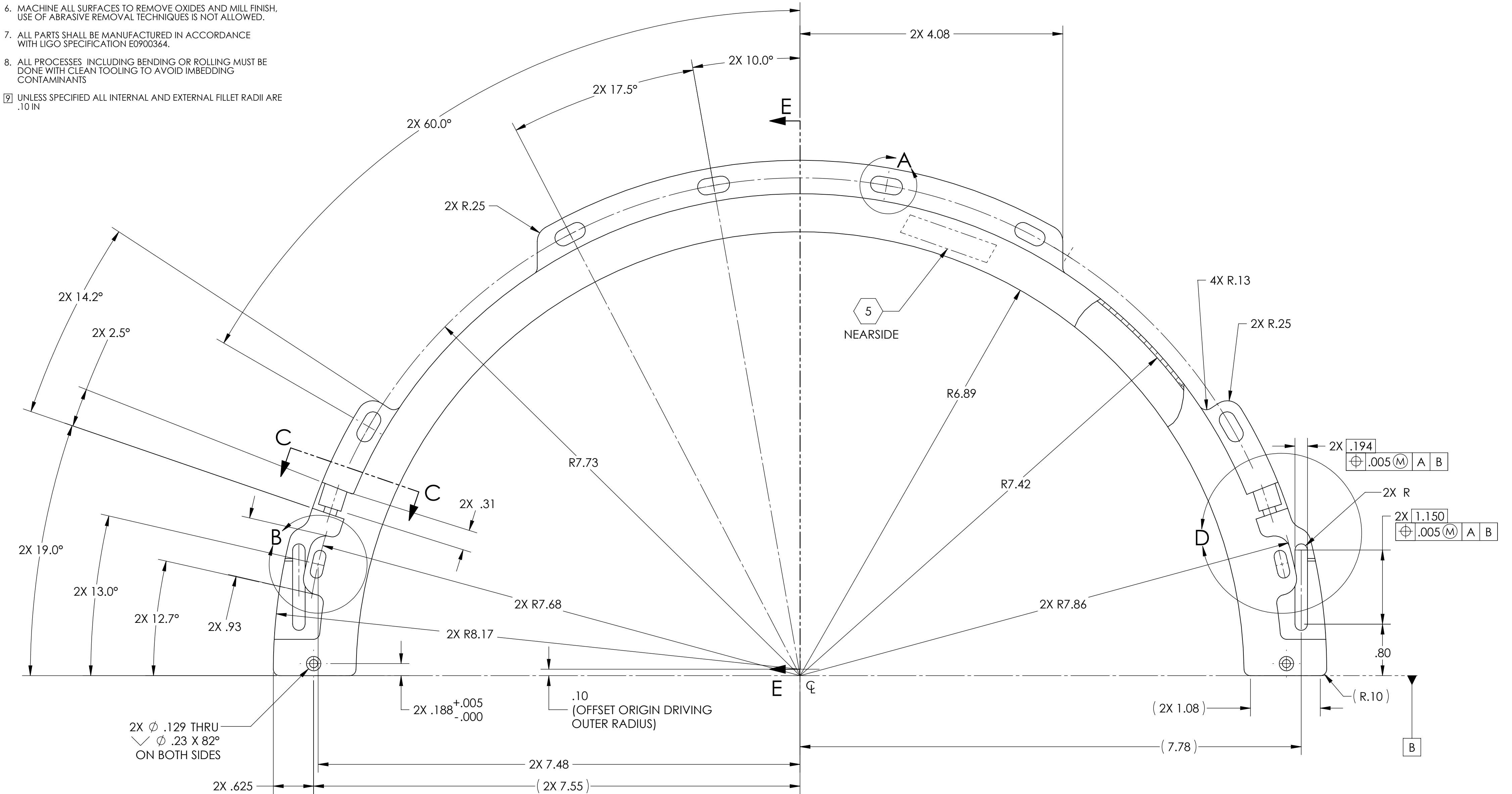


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS. UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.  
 EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

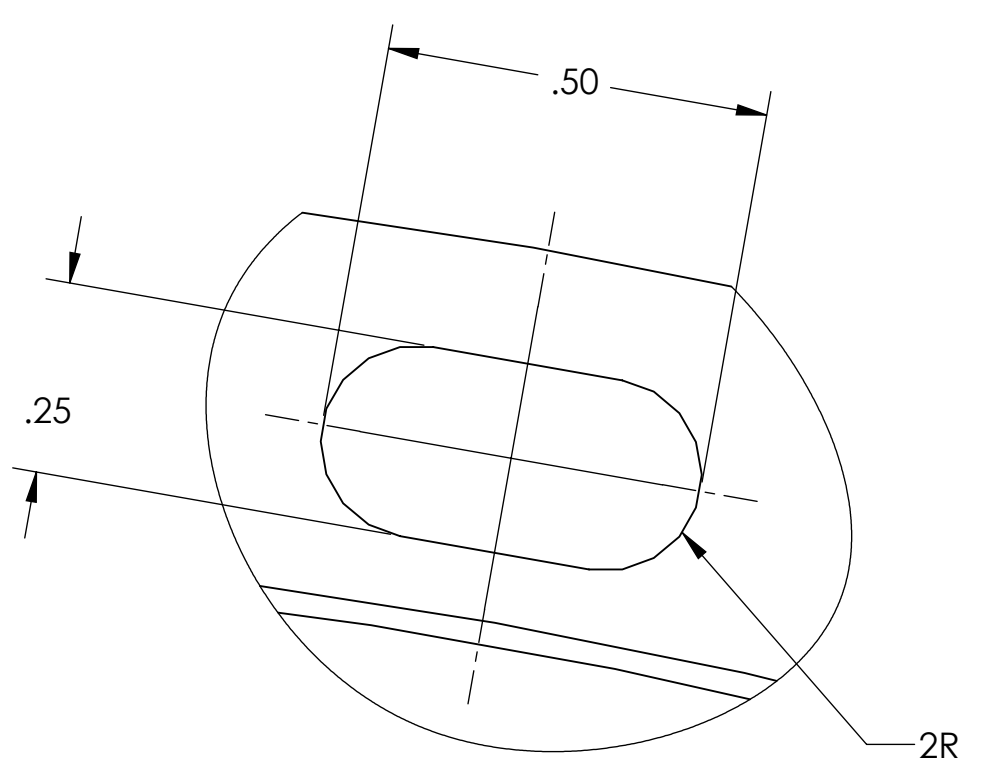
6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.  
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.  
 8. ALL PROCESSES INCLUDING BENDING OR ROLLING MUST BE DONE WITH CLEAN TOOLING TO AVOID IMBEDDING CONTAMINANTS  
 9. UNLESS SPECIFIED ALL INTERNAL AND EXTERNAL FILLET RADII ARE .10 IN

REV.	DATE	DCN #	DRAWING TREE #
v1	04-AUG-2010	E1000291	E1000295-v1
v2	20-OCT-2010	E1000291	E1000295-v3
v3	08-NOV-2010	E1000291	E1000295-v4

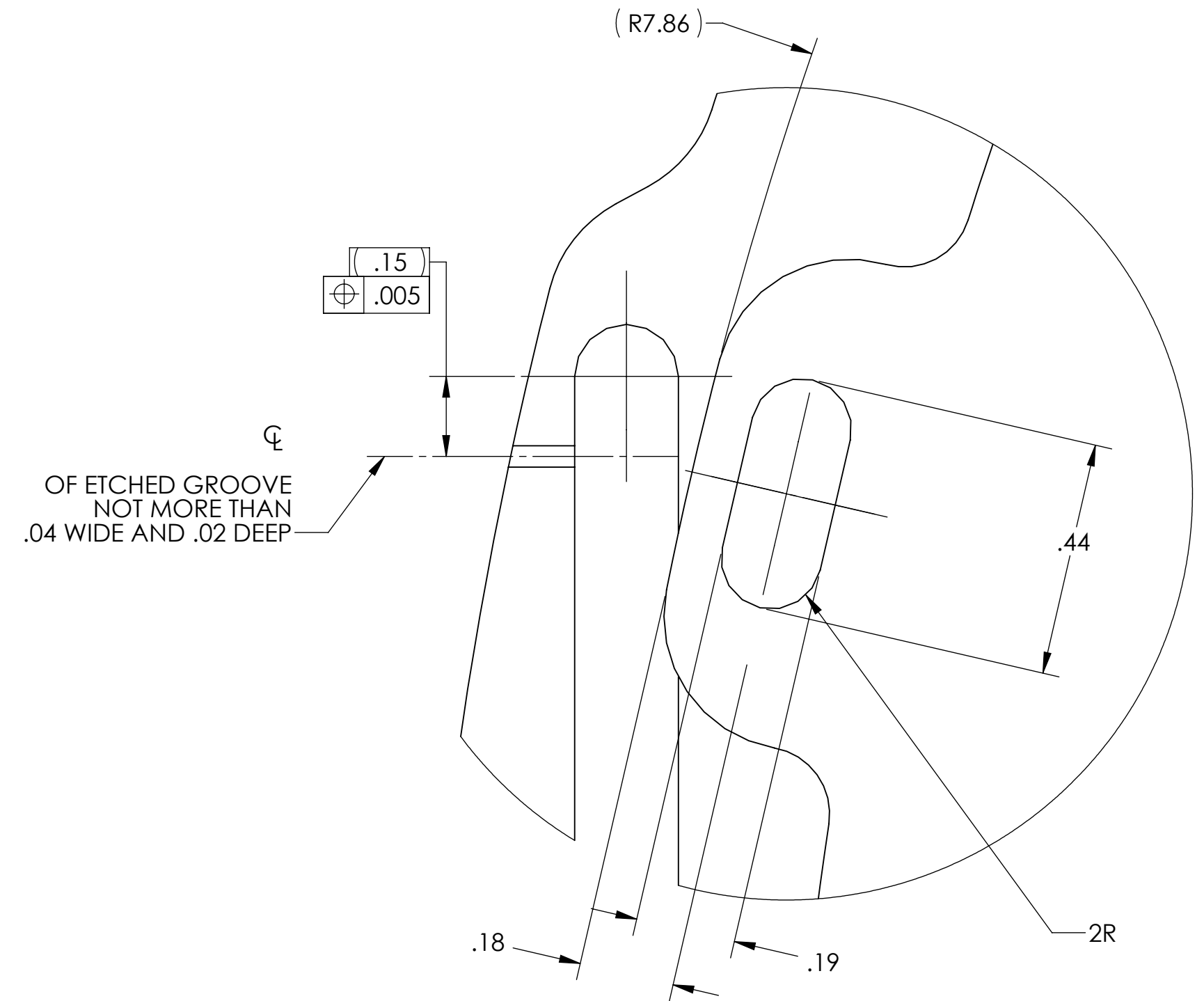


DIMENSIONS ARE IN INCHES		TOLERANCES:		ANGULAR ± 0.5°		MATERIAL		FINISH		NEXT ASSY		PART NAME		DESIGNER		DRAFTER		CHECKER		APPROVAL		SIZE		DWG. NO.		REV.	
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)			1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.			6061 Alloy		32 μinch		D1001838		ALIGO TCS UPPER MONOLITHIC RH SHIELD		M. JACOBSON		7/13/2010		C. TORRIE		P. WILLEMS		D		D1001679		v3	
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY										ADVANCED LIGO		SUB-SYSTEM AOS		7/13/2010		7/19/2010		7/13/2010		SCALE: 1:2		PROJECTION:		SHEET 1 OF 2			

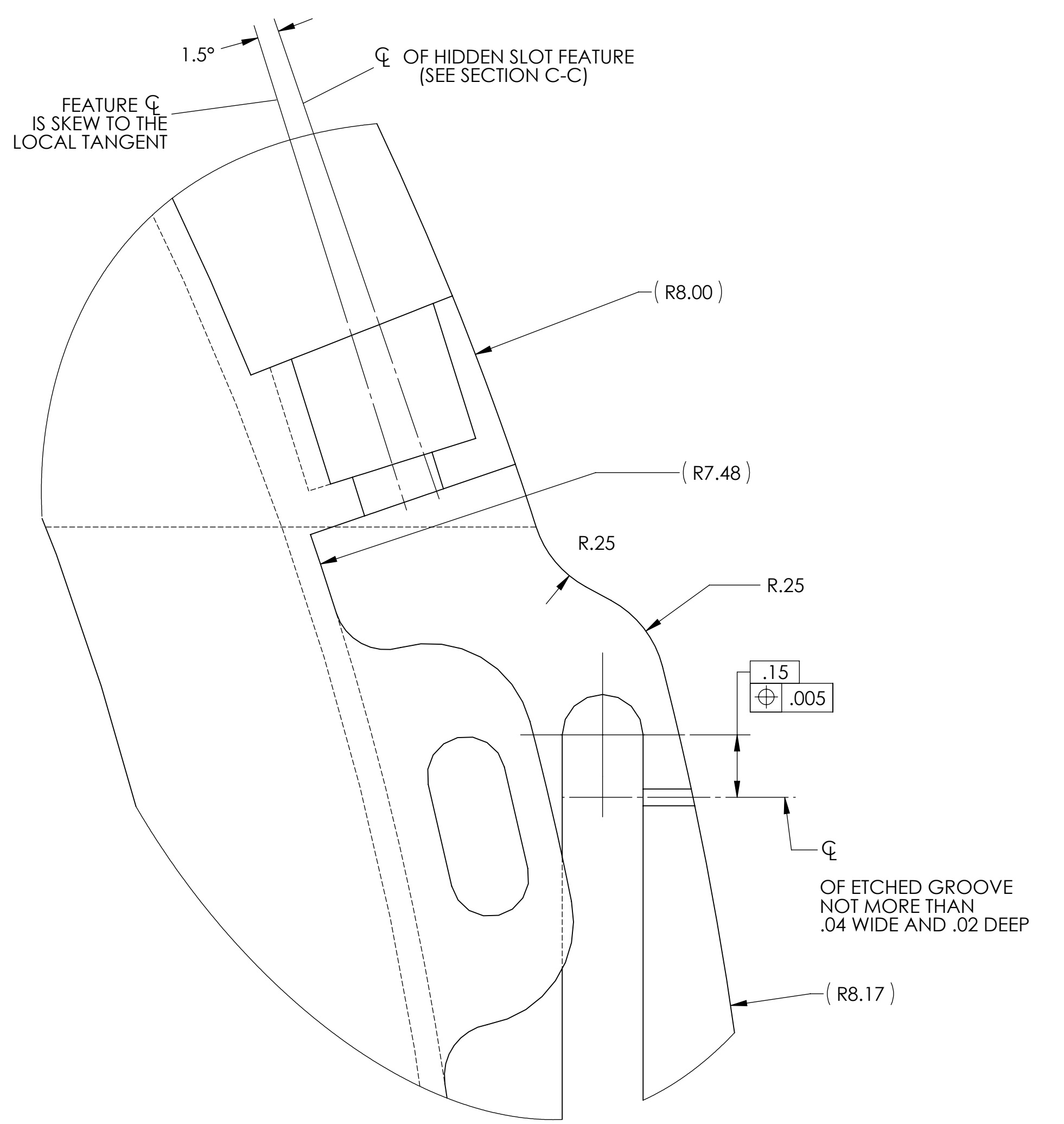
D1001679\_ALIGO TCS UPPER MONOLITHIC RH SHIELD PART PDM REV: X026 DRAWING PDM REV: X026



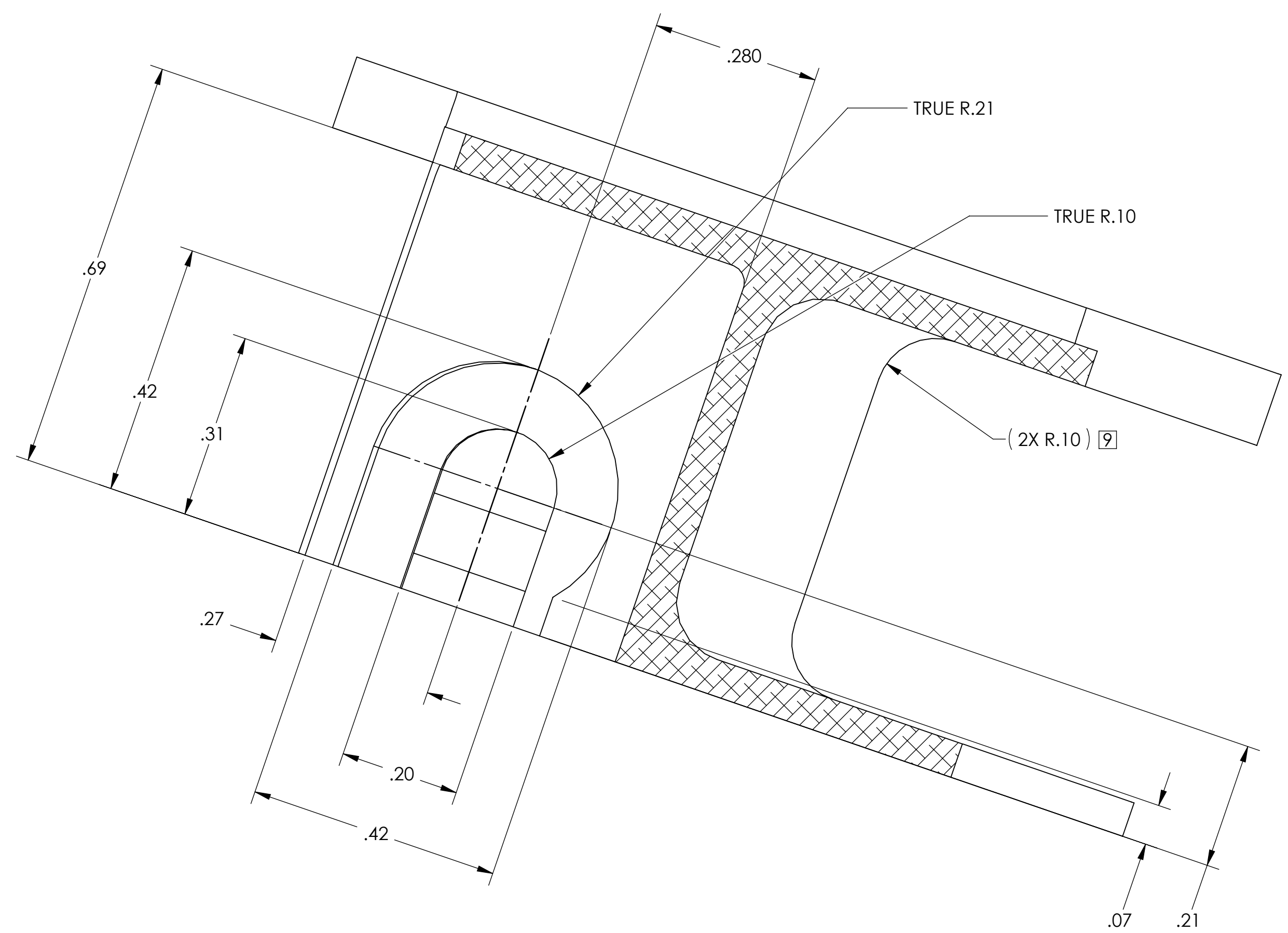
6X  
DETAIL A  
SCALE 4 : 1



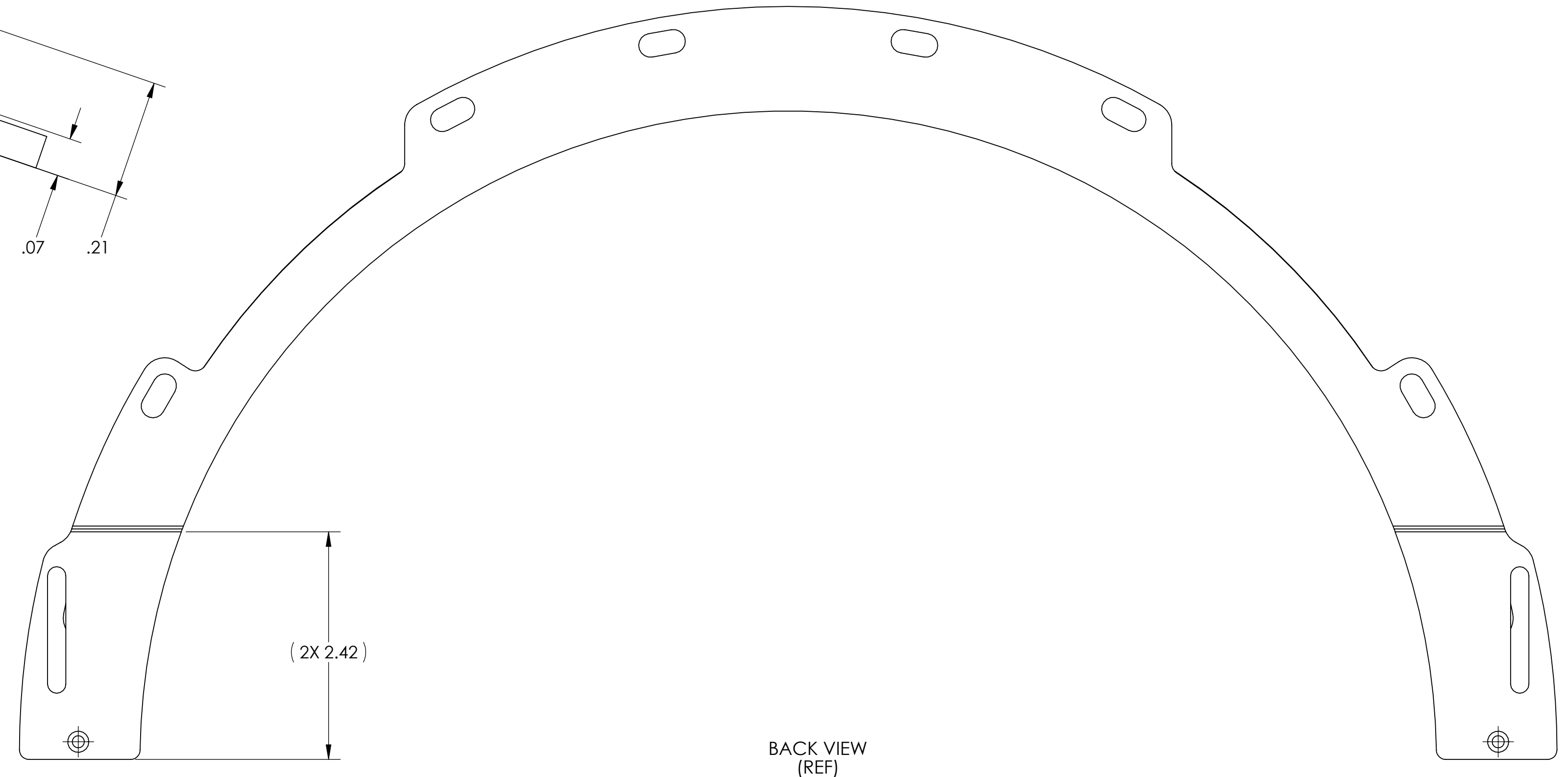
2X  
DETAIL B  
SCALE 4 : 1



2X  
DETAIL D  
SCALE 4 : 1



2X  
SECTION C-C  
SCALE 6 : 1



BACK VIEW  
(REF)

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1001679	v3
SCALE: 1:2	PROJECTION:
SHEET 2 OF 2	

D1001679\_ALIGO\_TCS\_UPPER\_MONOLITHIC\_RING\_HEATER\_SHIELD\_PART\_PDM\_REV\_X028\_DRAWING\_PDM\_REV\_X026