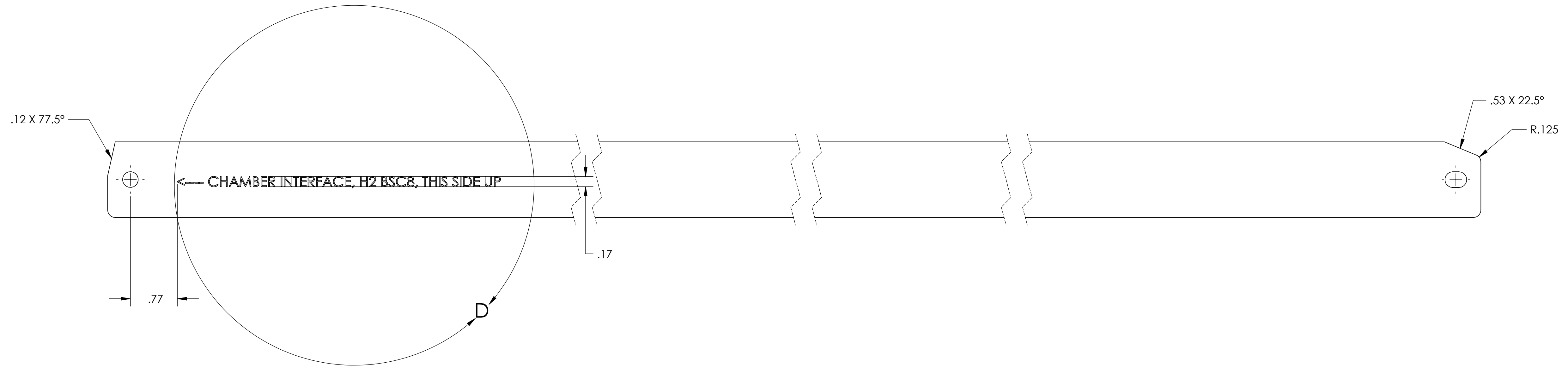
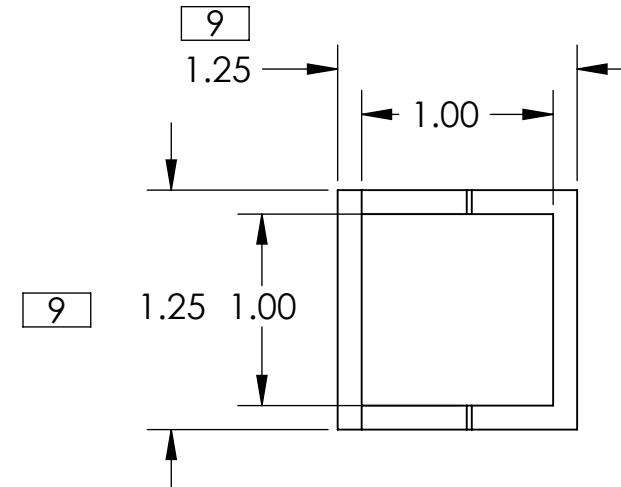
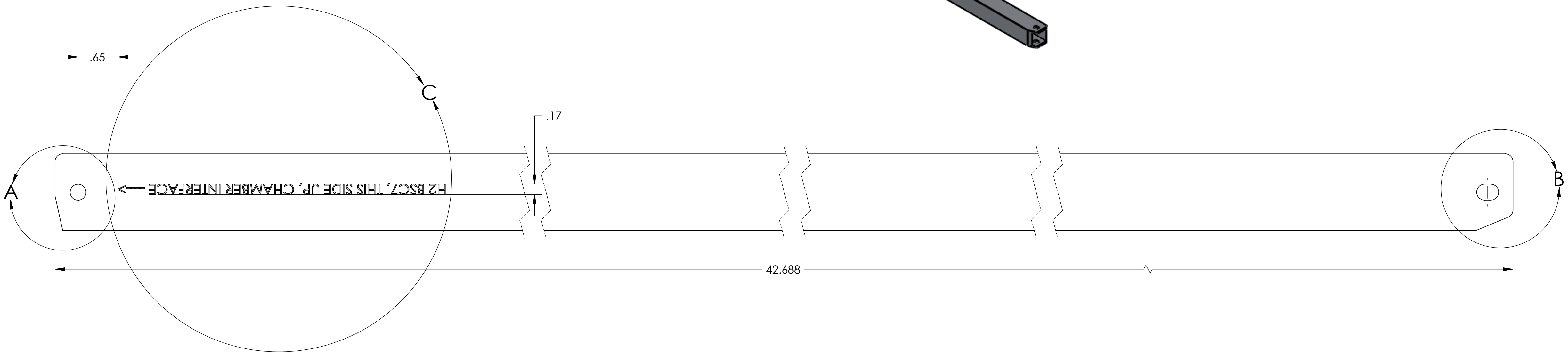
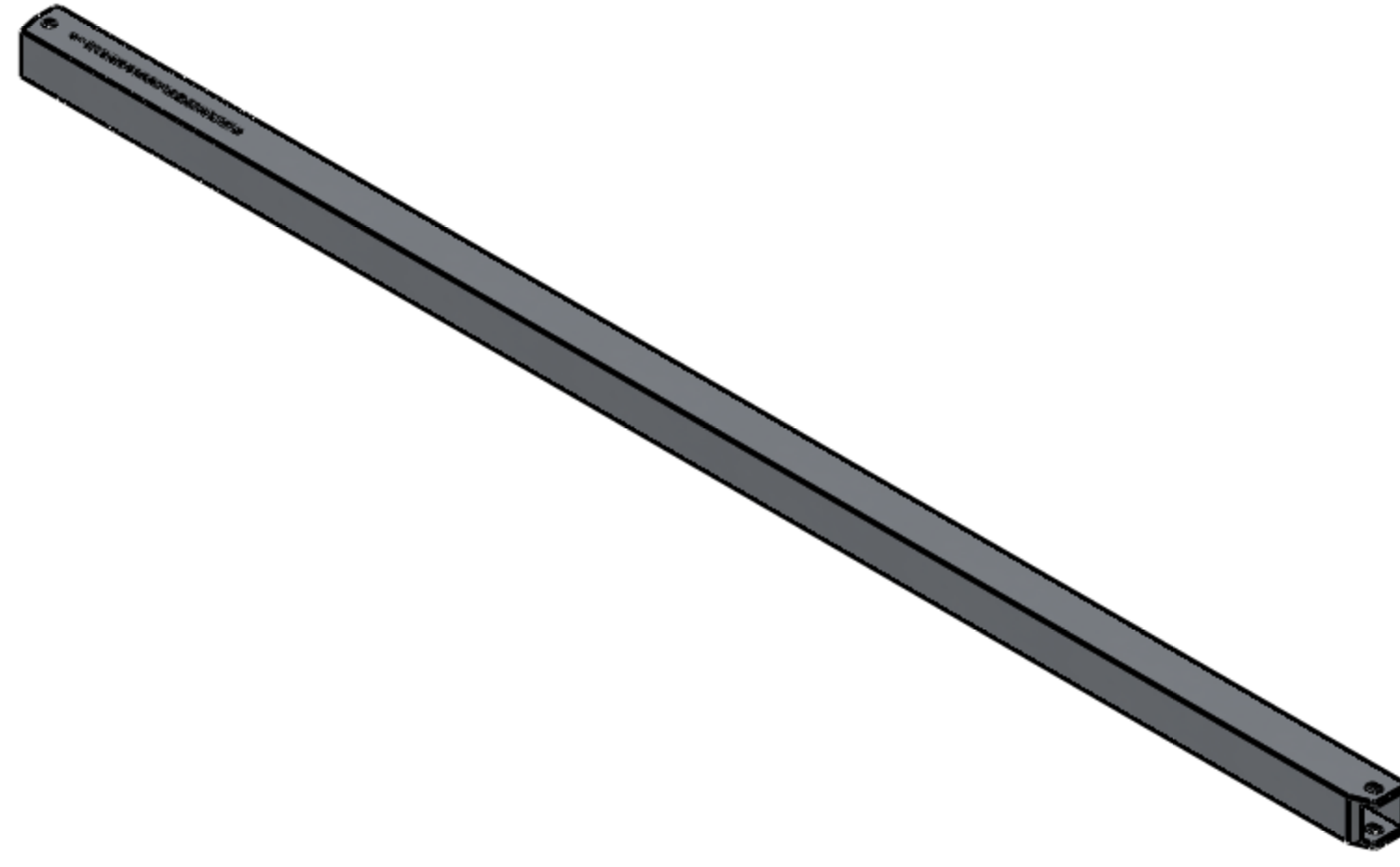


NOTES CONTINUED:

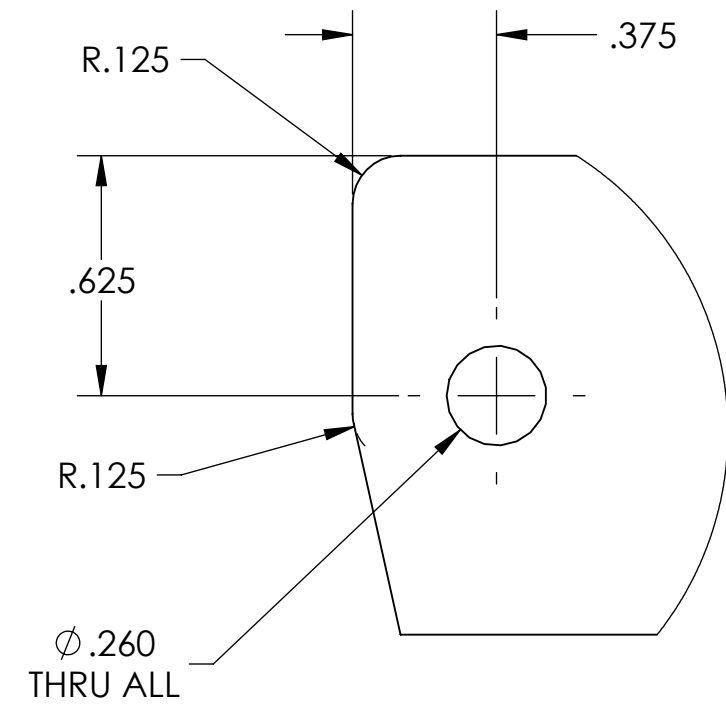
- 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 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. APPROXIMATE WEIGHT = 2.278 LB.
- 7. ELECTROPOLISH ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. AS RECEIVED MATERIAL CONDITION FOR THE STANDARD AI SECTION, 1-1/4 X 1-1/4 X 1/8 THICK WALLS

REV.	DATE	DCN #	DRAWING TREE #
v1	21-AUG-2010	-	-
v2	26-OCT-2010	-	-
v3	22-DEC-2010	E1000883-v1	E1000884-v1

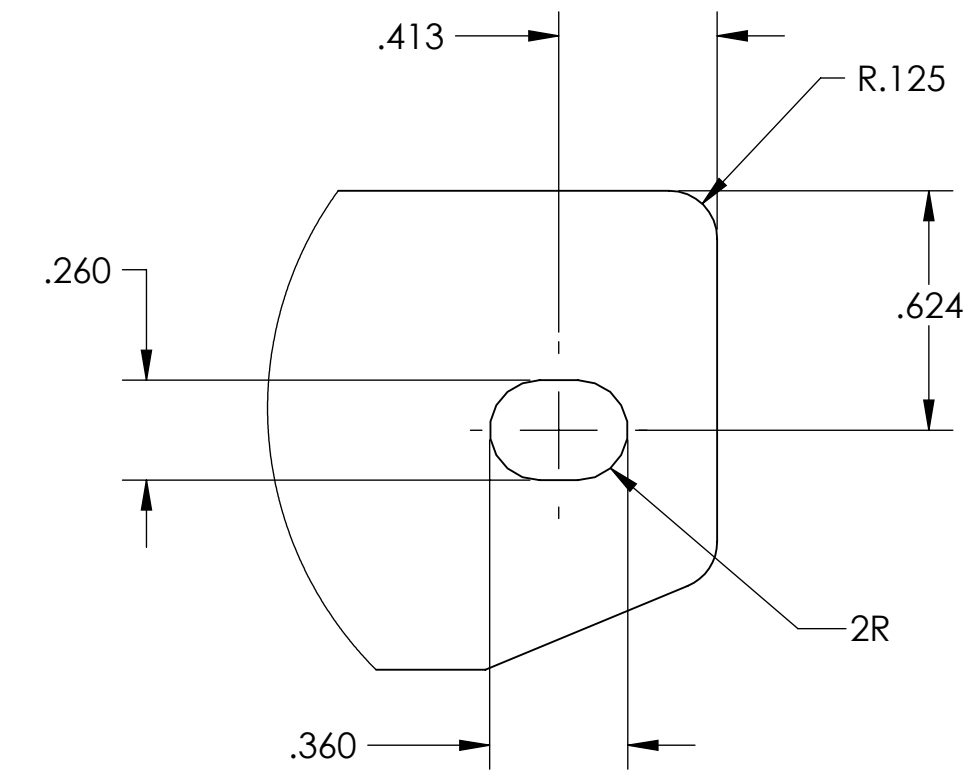


NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				TCS UHV LONG SUPPORT, BSC7 & BSC8	
DIMENSIONS ARE IN INCHES		 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		DESIGNER M. JACOBSON 31-AUG-2010 DRAFTER A. COLE 21-AUG-2010 CHECKER B. ANDERSON 05 JAN 2011 APPROVAL C. TORRIE 06 JAN 2011	
TOLERANCES: .XX ± .01 .XXX ± .005		MATERIAL 6063-T5 FINISH 63 μinch		SIZE DWG. NO. D D1002317	
ANGULAR ± 0.5°		NEXT ASSY D1001742, D1002431		REV. v3	
		SCALE: 1:4 PROJECTION:		SHEET 1 OF 2	

D1002317\_TCS UHV LONG SUPPORT, BSC7 & BSC8, PART FDM REV. X028, DRAWING FDM REV. X019



DETAIL A  
SCALE 2 : 1



DETAIL B  
SCALE 2 : 1

H2 BSC7, THIS SIDE UP, CHAMBER INTERFACE <--->

DETAIL C  
SCALE 2 : 1

<--- CHAMBER INTERFACE, H2 BSC8, THIS SIDE UP

DETAIL D  
SCALE 2 : 1

<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D1002317	v3
SCALE: 1:4	PROJECTION:	SHEET 2 OF 2

D1002317\_CS\_UHV\_LONG\_SUPPORT\_BSC7 & BSC8\_PART\_FDM\_REV.X028\_DRAWING\_FDM\_REV.X019