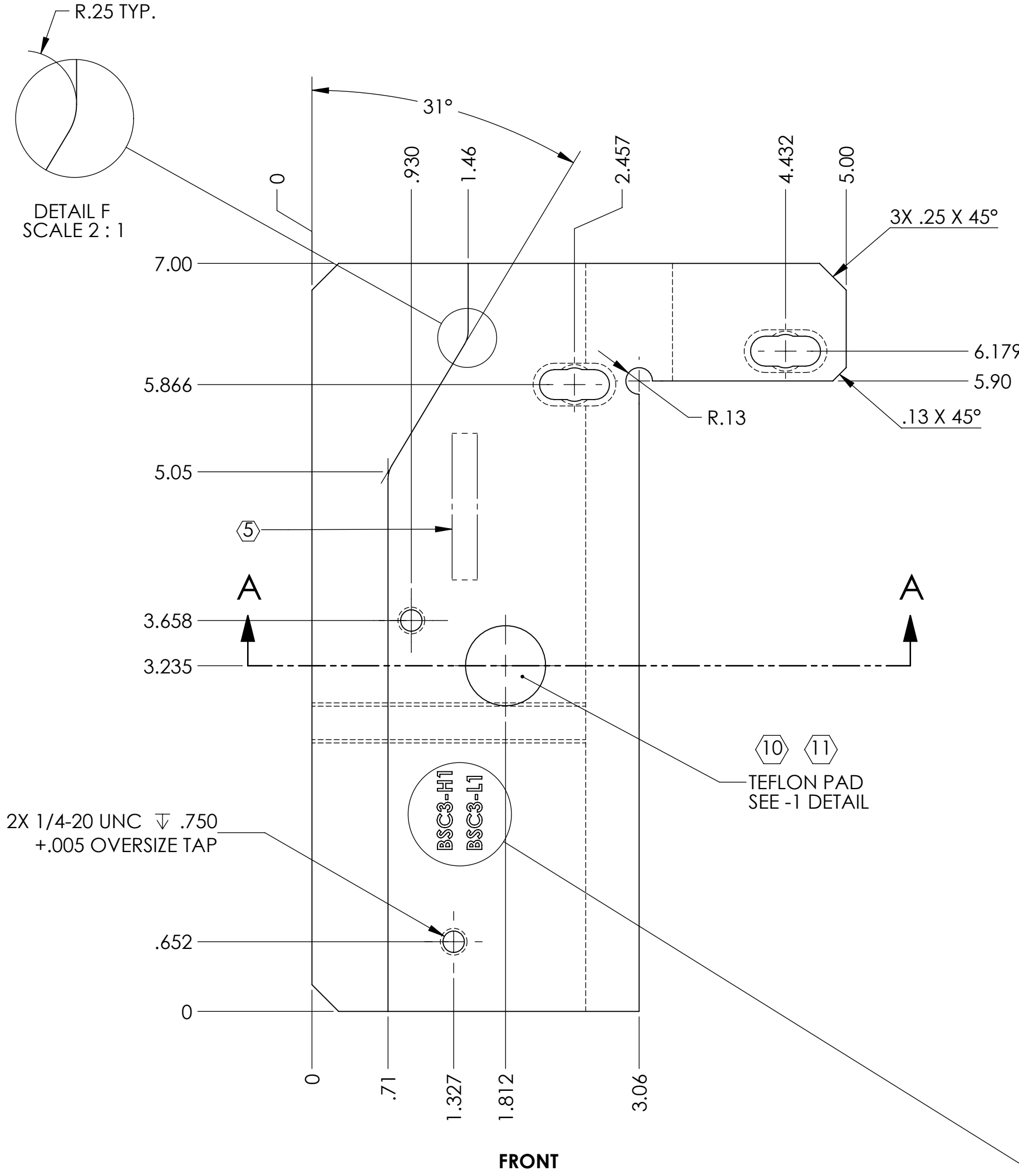


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 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

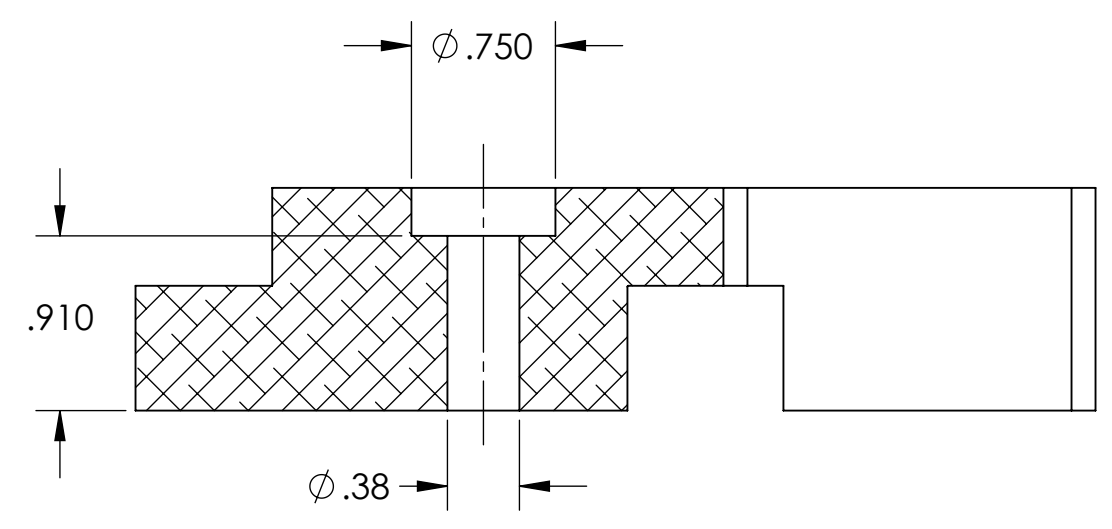
- 6. APPROXIMATE WEIGHT = 1.929 LBS.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. 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.

- 10. PAD MATERIAL: PFA 440 HP ( PRESHRUNK )
- 11. DO NOT INSTALL TEFLON PAD, PART TO BE INSTALLED BY LIGO PERSONNEL AFTER DELIVERY OF FINISHED PARTS.

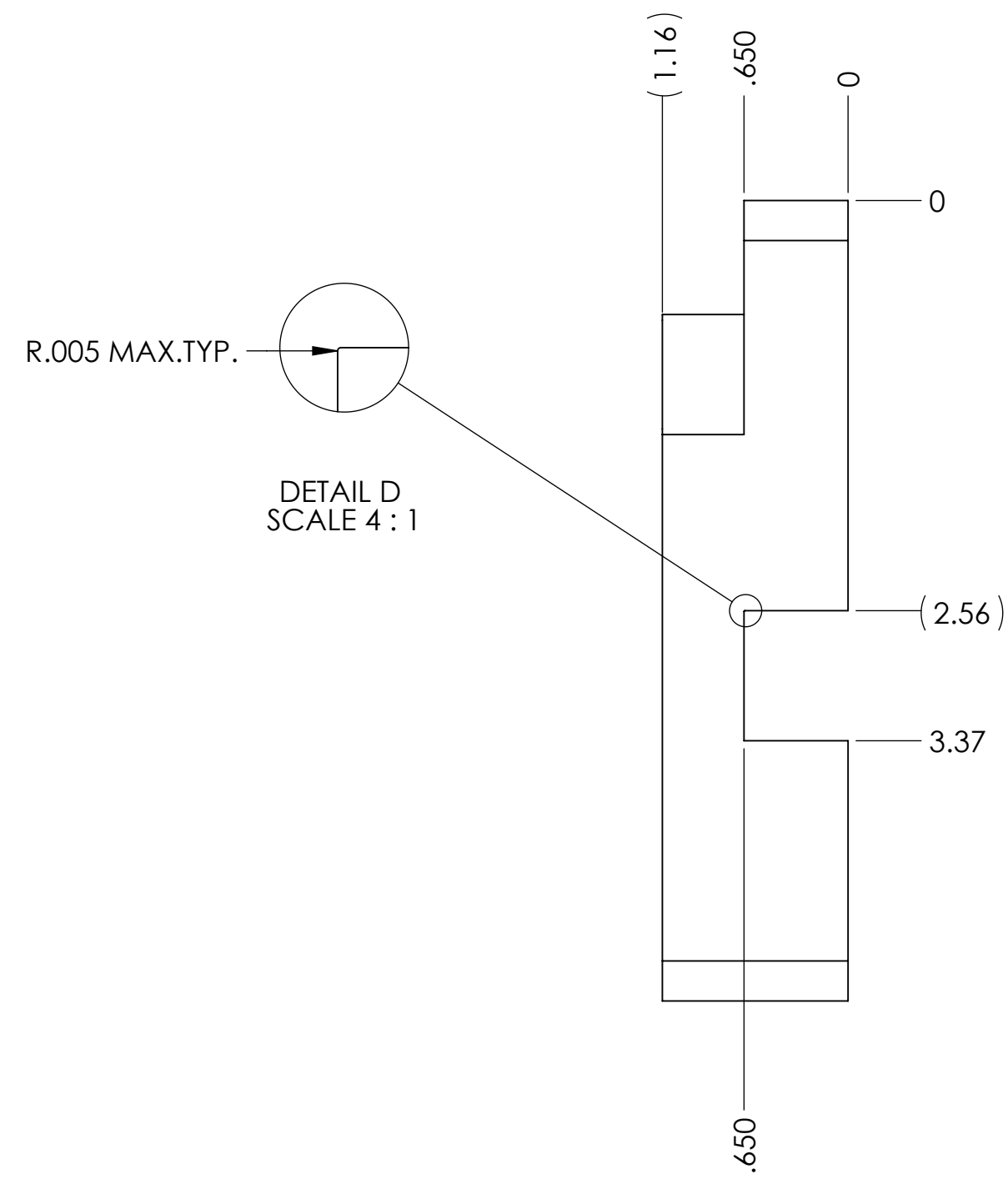


**BSC3-H1**  
**BSC3-L1**

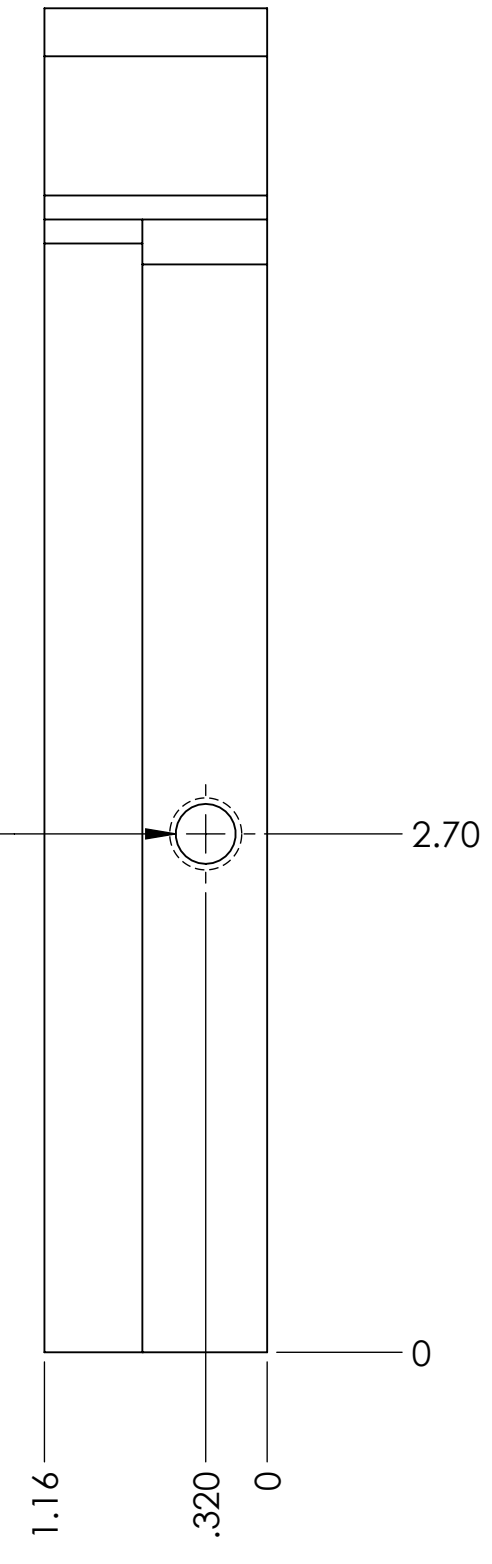
DETAIL E  
 SCALE 2 : 1  
 SCRIBE TEXT APPROX. WHERE SHOWN



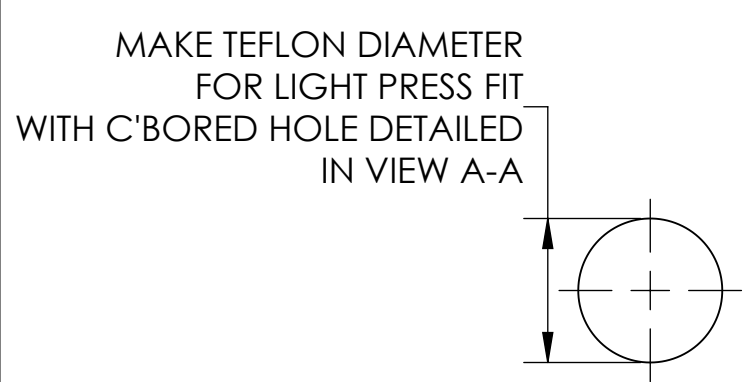
SECTION A-A 10 11



DETAIL D  
 SCALE 4 : 1

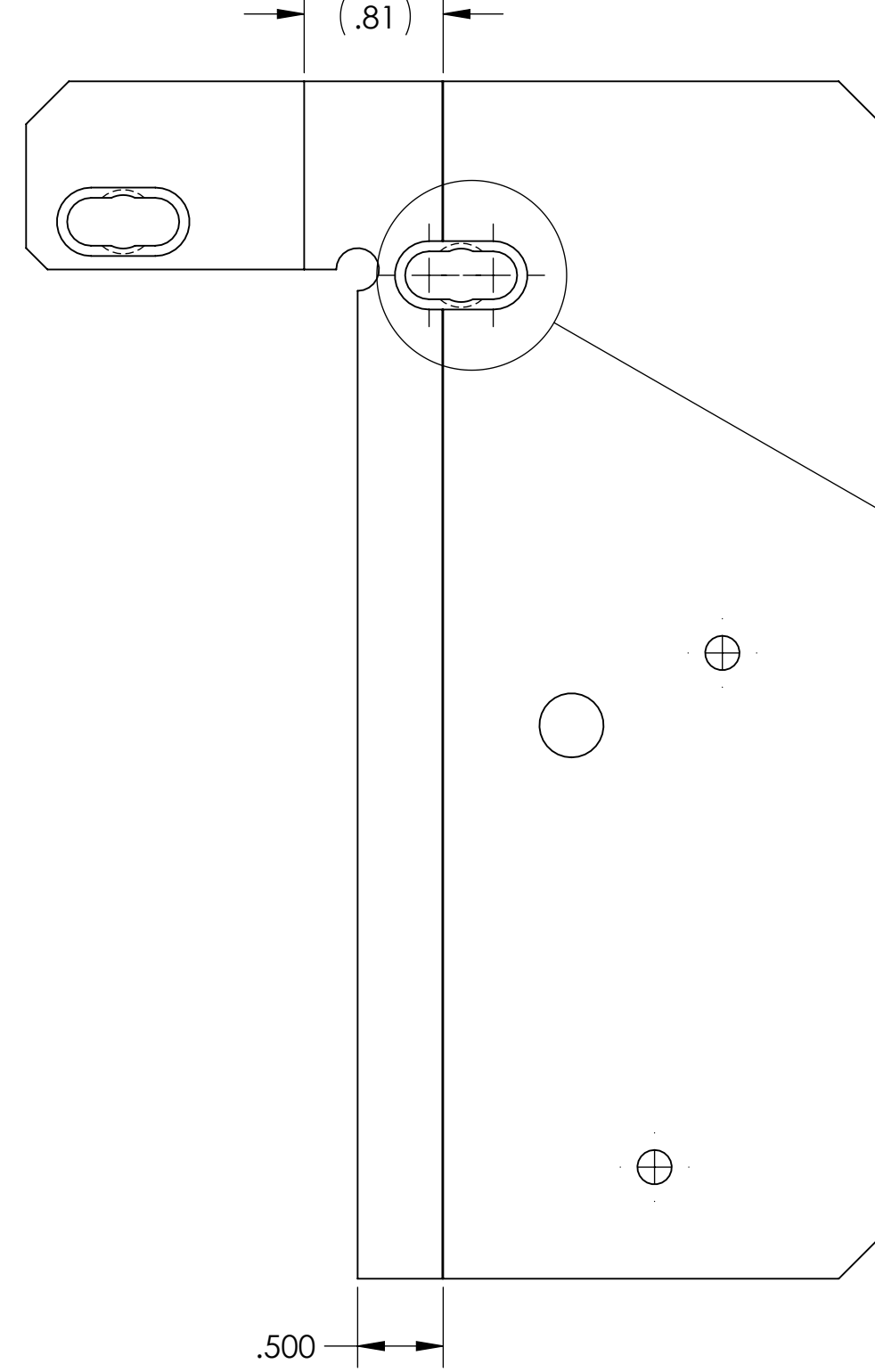


RIGHT SIDE

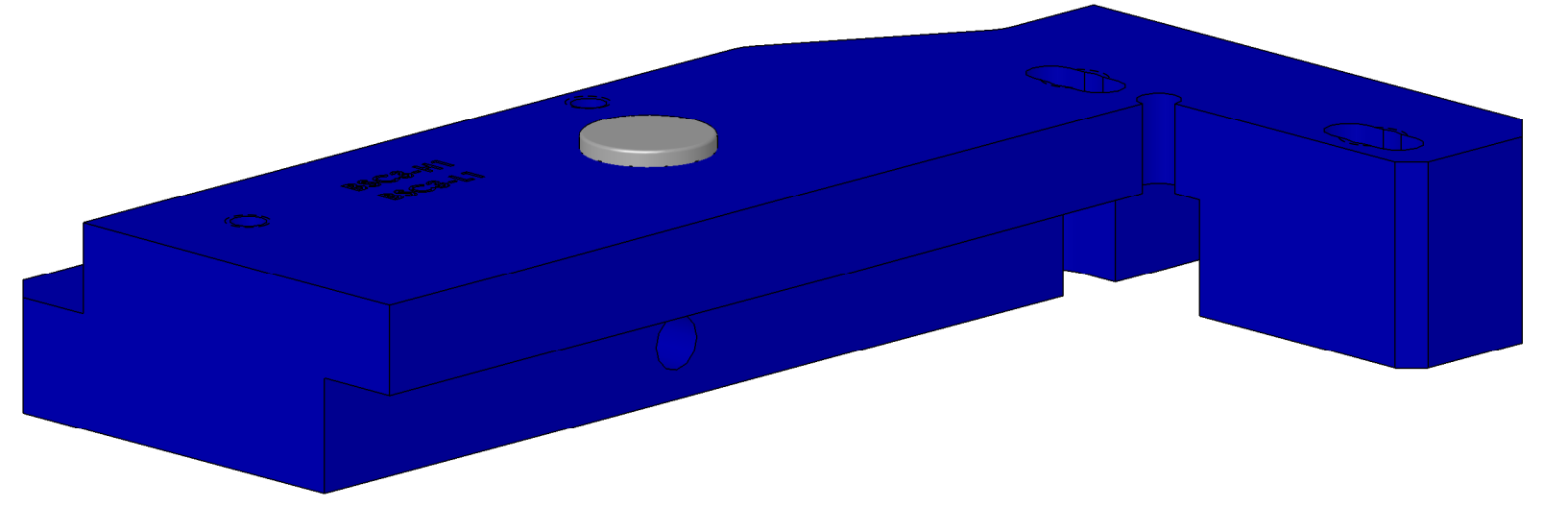


D1201454-1 DETAIL

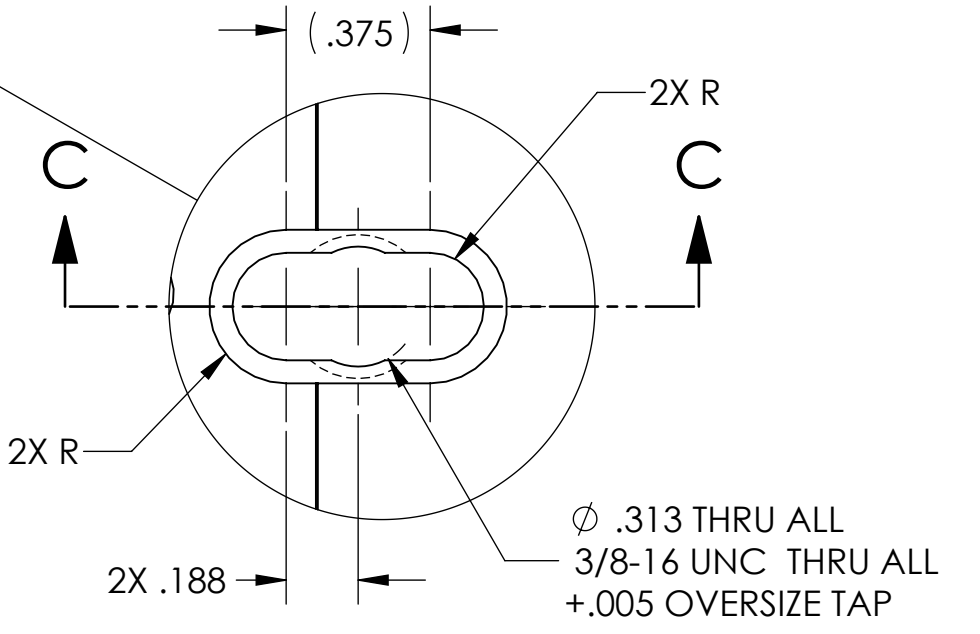
10 11



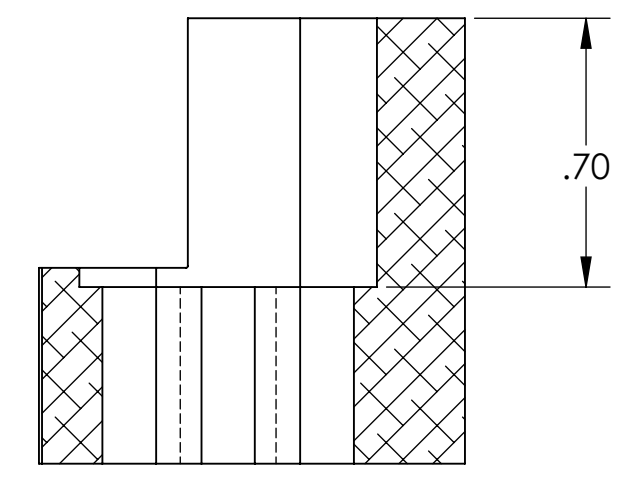
BOTTOM SIDE



ISO VIEW  
 FOR REFERENCE ONLY  
 NO SCALE



DETAIL B  
 SCALE 2 : 1  
 2 PL.



SECTION C-C  
 SCALE 2 : 1

DIMENSIONS ARE IN INCHES		TOLERANCES: .XX ± .01 .XXX ± .005		ANGULAR ± 1.0°	
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)					
1. INTERPRET DRAWING PER ASME Y14.5-1994.					
2. REMOVE ALL SHARP EDGES .005-.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.					
MATERIAL	6061-T6 Al & 10		FINISH	63 µinch	

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM		ADVANCED LIGO	
SUB-SYSTEM		AOS	
NEXT ASSY		D1003371	

PART NAME		ACB_STAGE ZERO-BSC3_EndCLAMP, END	
DESIGNER	TQ. NGUYEN	9 NOV 2012	SIZE DWG. NO.
DRAFTER	TQ. NGUYEN	12 NOV 2012	D
CHECKER	L. AUSTIN	SEE DCC	D1201454
APPROVAL	M. SMITH	SEE DCC	SCALE: 1:1
PROJECTION:		SHEET 1 OF 1	

D1201454\_ACB\_StageZero-BSC3\_Invcomp\_End\_PART PDM REV: X-007 DRAWING PDM REV: X-007