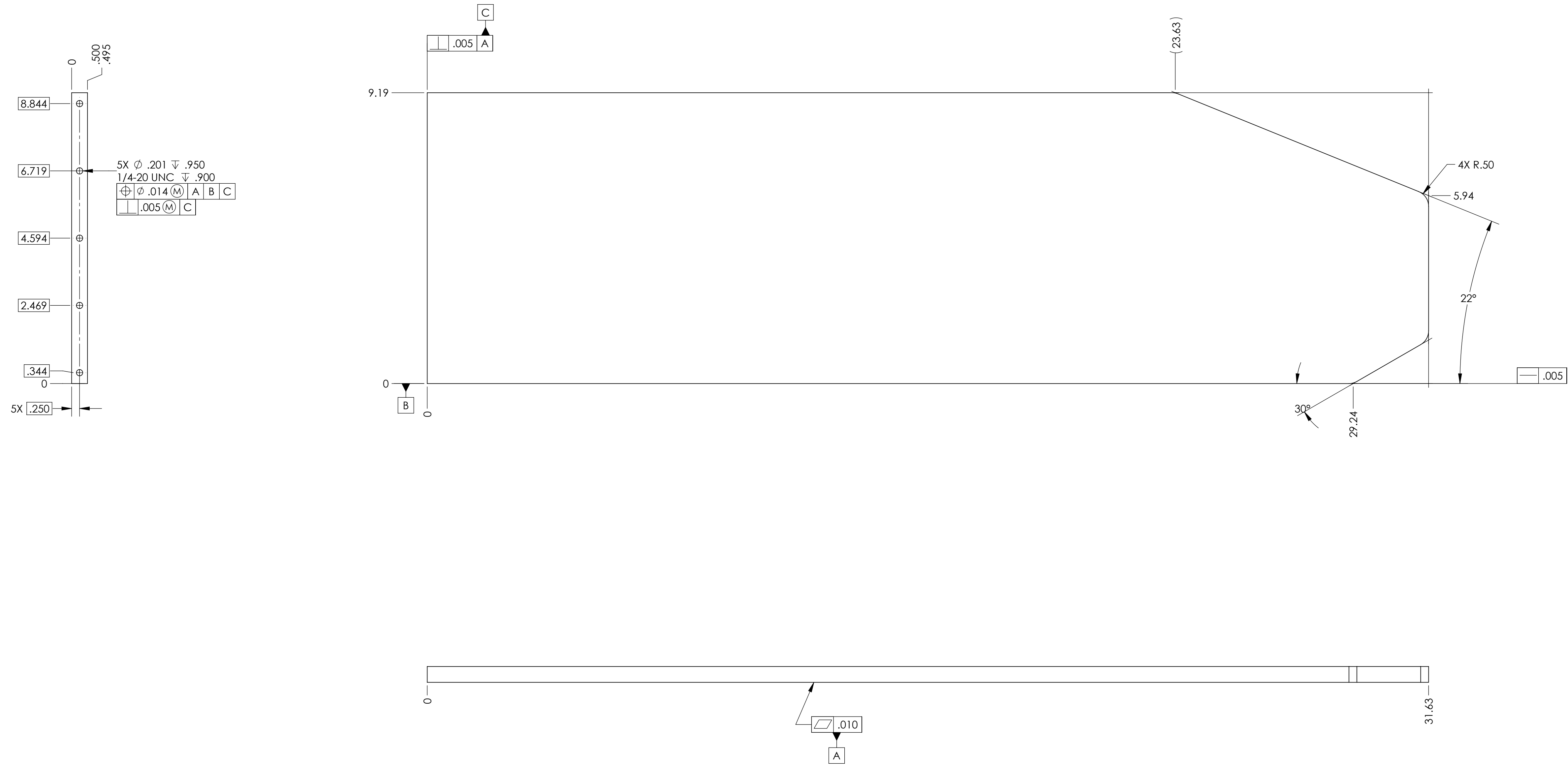


- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 13.47 LB. ('BLANK')
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.

TYPE	DESCRIPTION
-01	X-arm
-02	Y-arm

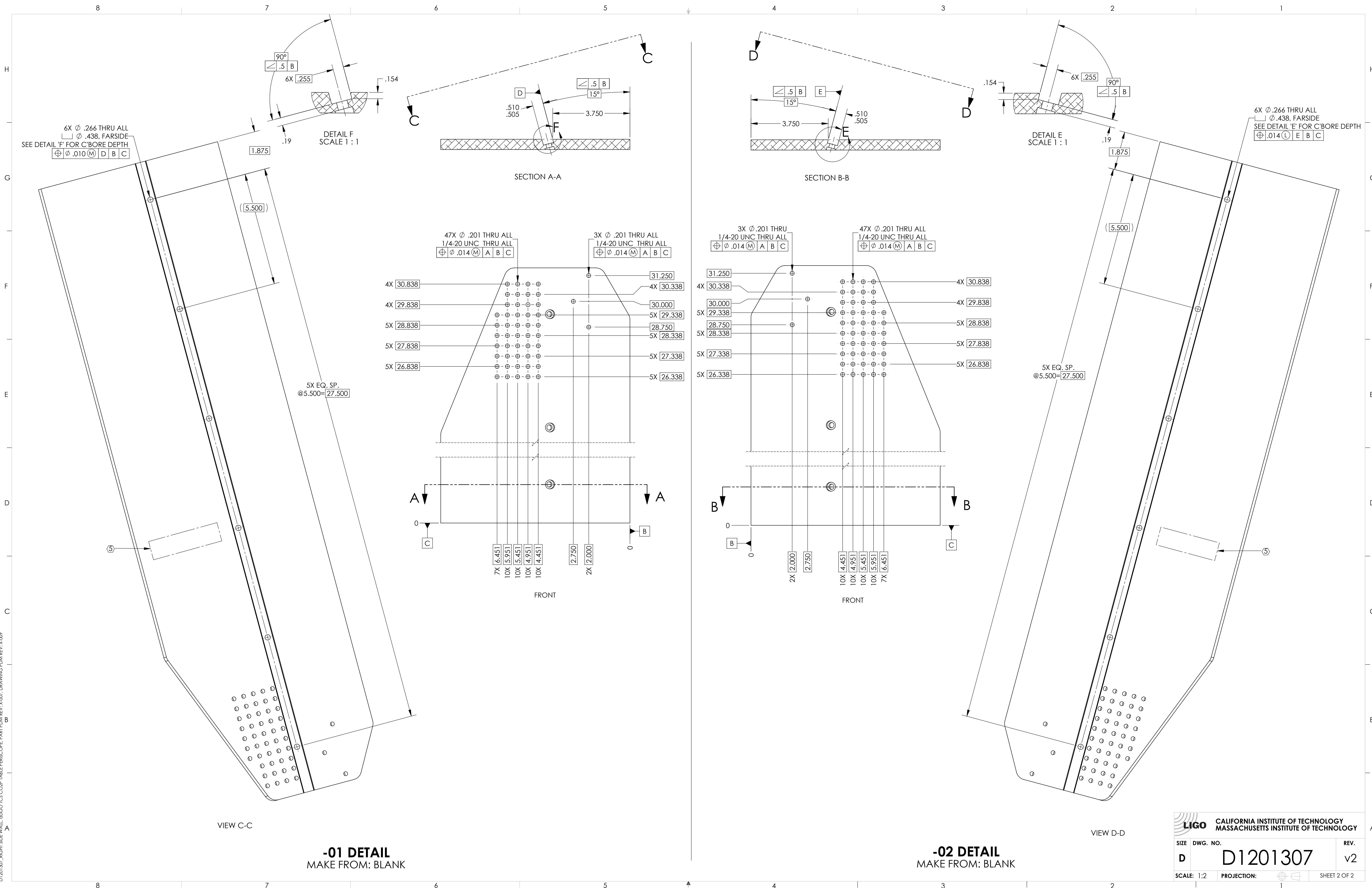
REV.	DATE	DCN #	DRAWING TREE #
v1	05 NOV 2012	E1200891-x0	E1201007
v2	23 SEP 2013	E1300729-x0	E1201007-v3
-	-	-	-



**BLANK DETAIL**  
(SEE SHEET 2 FOR FINISHED TYPE DETAIL)

DIMENSIONS ARE IN INCHES		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		
TOLERANCES: .XX ± .01 .XXX ± .005		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM <b>ADVANCED LIGO</b>		SUB-SYSTEM <b>AOS</b>		SIDE WALL, αLIGO TCS CO2P TABLE PERISCOPE
ANGULAR ± 1.0°		MATERIAL 6061 Alloy		FINISH 63 μinch		NEXT ASSY D1200953		DESIGNER M. JACOBSON DRAFTER E. SANCHEZ CHECKER M. JACOBSON APPROVAL
						SIZE DWG. NO. <b>D</b> <b>D1201307</b>		REV. v2
						SCALE: 1:2 PROJECTION:		SHEET 1 OF 2

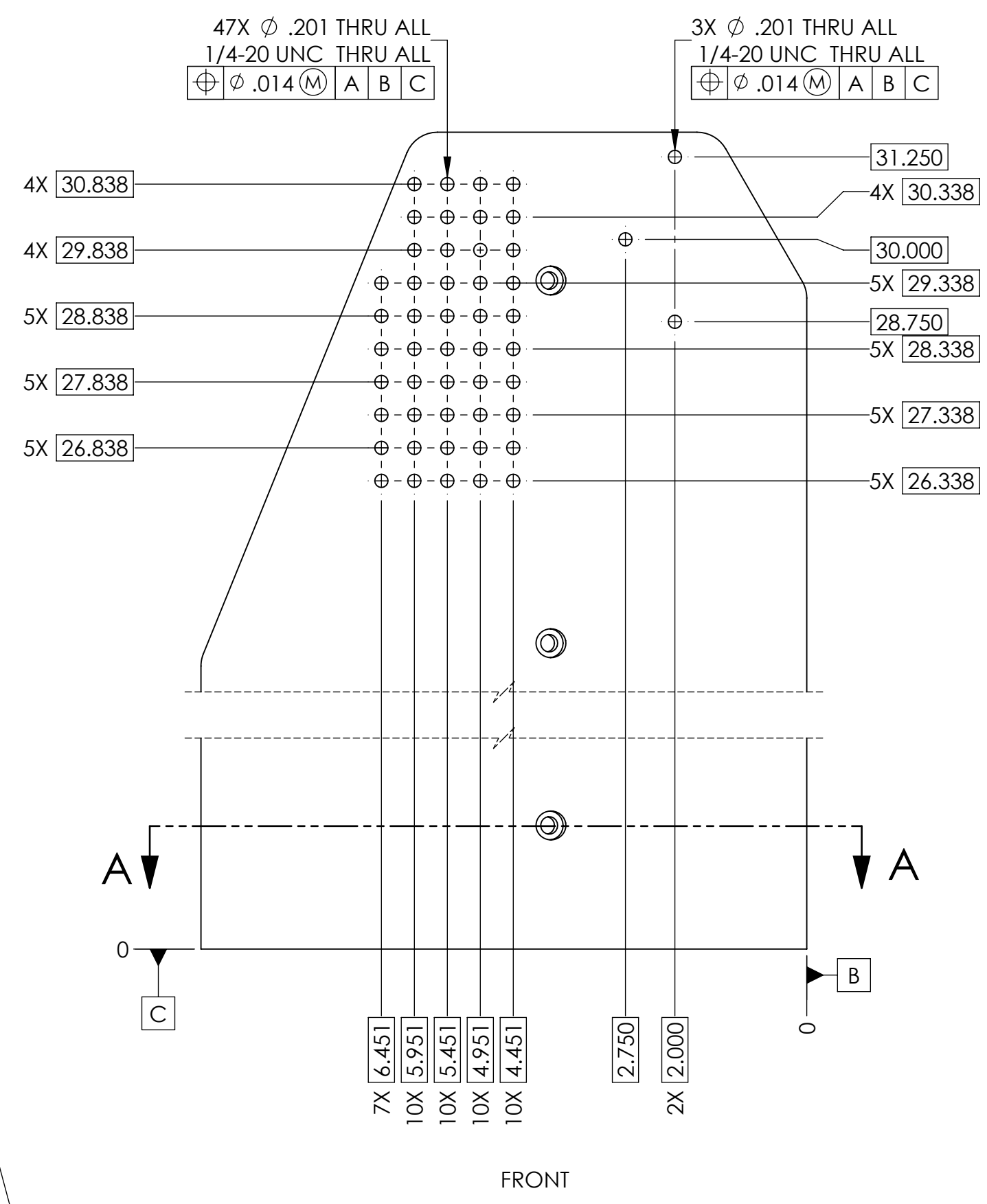
D1201307\_RIGHT SIDE WALL αLIGO TCS CO2P TABLE PERISCOPE PART PDM REV: X-007 DRAWING PDM REV: X-009



6X  $\varnothing$  .266 THRU ALL  
 $\varnothing$  .438, FAR SIDE  
 SEE DETAIL 'F' FOR C'BORE DEPTH  
 $\varnothing$  .010 (M) D B C

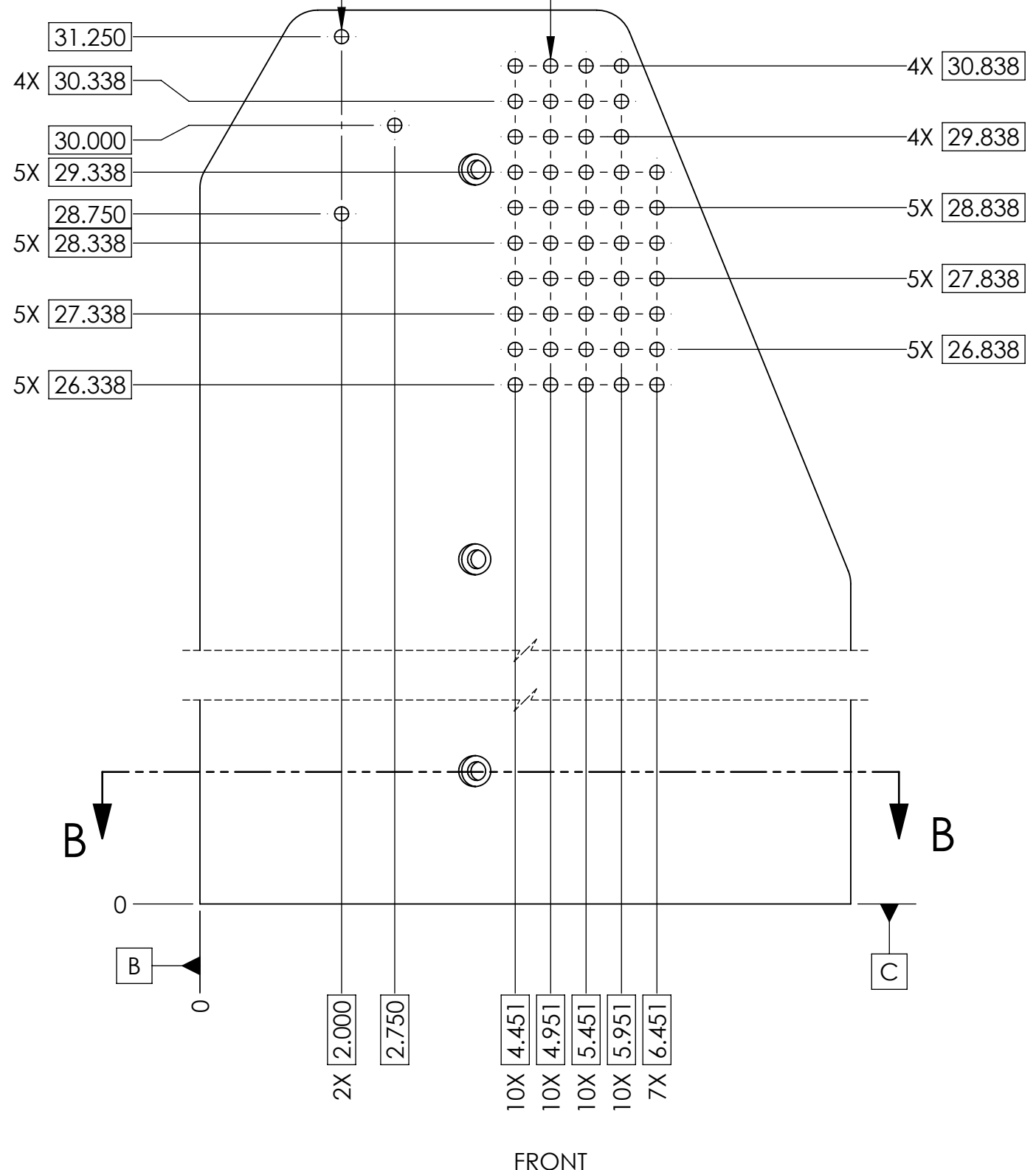
DETAIL F  
 SCALE 1 : 1

SECTION A-A



3X  $\varnothing$  .201 THRU  
 1/4-20 UNC THRU ALL  
 $\varnothing$  .014 (M) A B C

47X  $\varnothing$  .201 THRU ALL  
 1/4-20 UNC THRU ALL  
 $\varnothing$  .014 (M) A B C



VIEW C-C

**-01 DETAIL**  
 MAKE FROM: BLANK

VIEW D-D

**-02 DETAIL**  
 MAKE FROM: BLANK

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. **D1201307** REV. **v2**

SCALE: 1:2 PROJECTION: SHEET 2 OF 2

D:\201307\_RIGHT SIDE WALL.dwg TCS COPT TABLE PERISCOPE PART PDM REV: X-007 DRAWING PDM REV: X-009