

**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

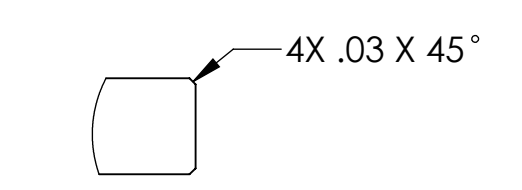
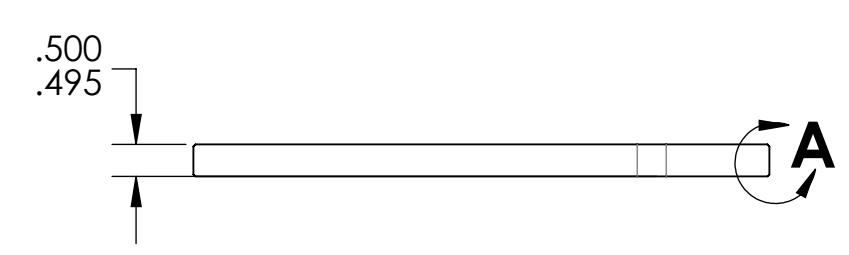
6. APPROXIMATE WEIGHT = 14.2 LB

7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

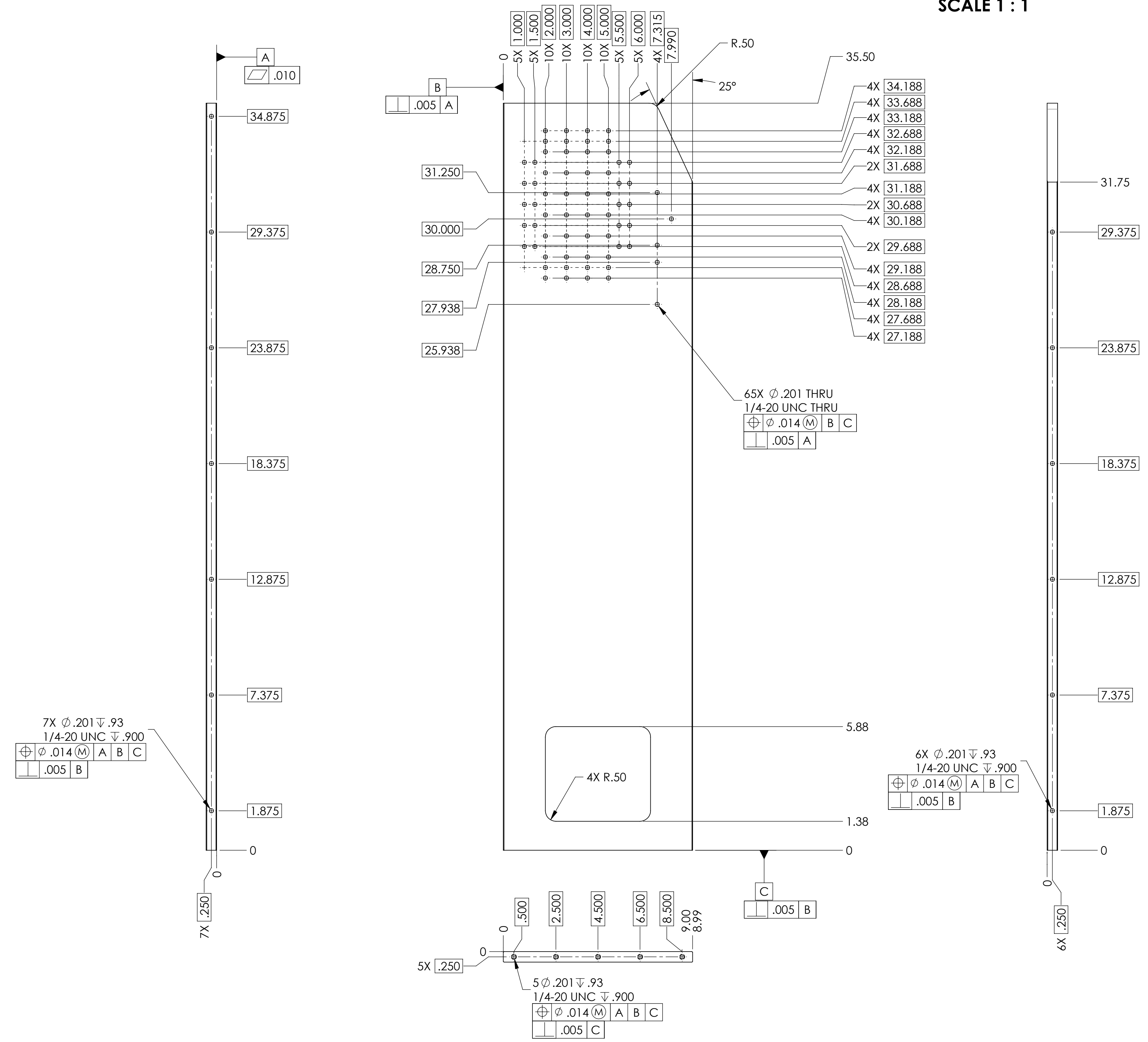
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

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.

REV.	DATE	DCN #	DRAWING TREE #
v1	02 NOV 2012	E1200891-x0	E1201007-v2
v2	20 SEPT 2013	E1300729-x0	E1201007-v3



**DETAIL A**  
2 PL.  
SCALE 1 : 1



DIMENSIONS ARE IN INCHES		TOLERANCES: .XX ± .01 .XXX ± .005		ANGULAR ± 1.0°		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
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.						LIGO		FRONT PLATE, αLIGO TCS CO2P TABLE PERISCOPE		DESIGNER M. JACOBSON 21-AUG-2012	
MATERIAL 6061 Alloy						FINISH 63 μinch		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
NEXT ASSY D1200953						DRAWN		D		DWG. NO. D1201306	
APPROVAL A. HEPTONSTALL 23 SEPT 2013						CHECKER E. SANCHEZ 23 SEPT 2013		SCALE: 1:3		PROJECTION:	
						REVISION		REV. v2		SHEET 1 OF 1	

D1201306-2-FRONT PLATE αLIGO TCS CO2P TABLE PERISCOPE PART PDM REV. X010 DRAWING PDM REV. X002