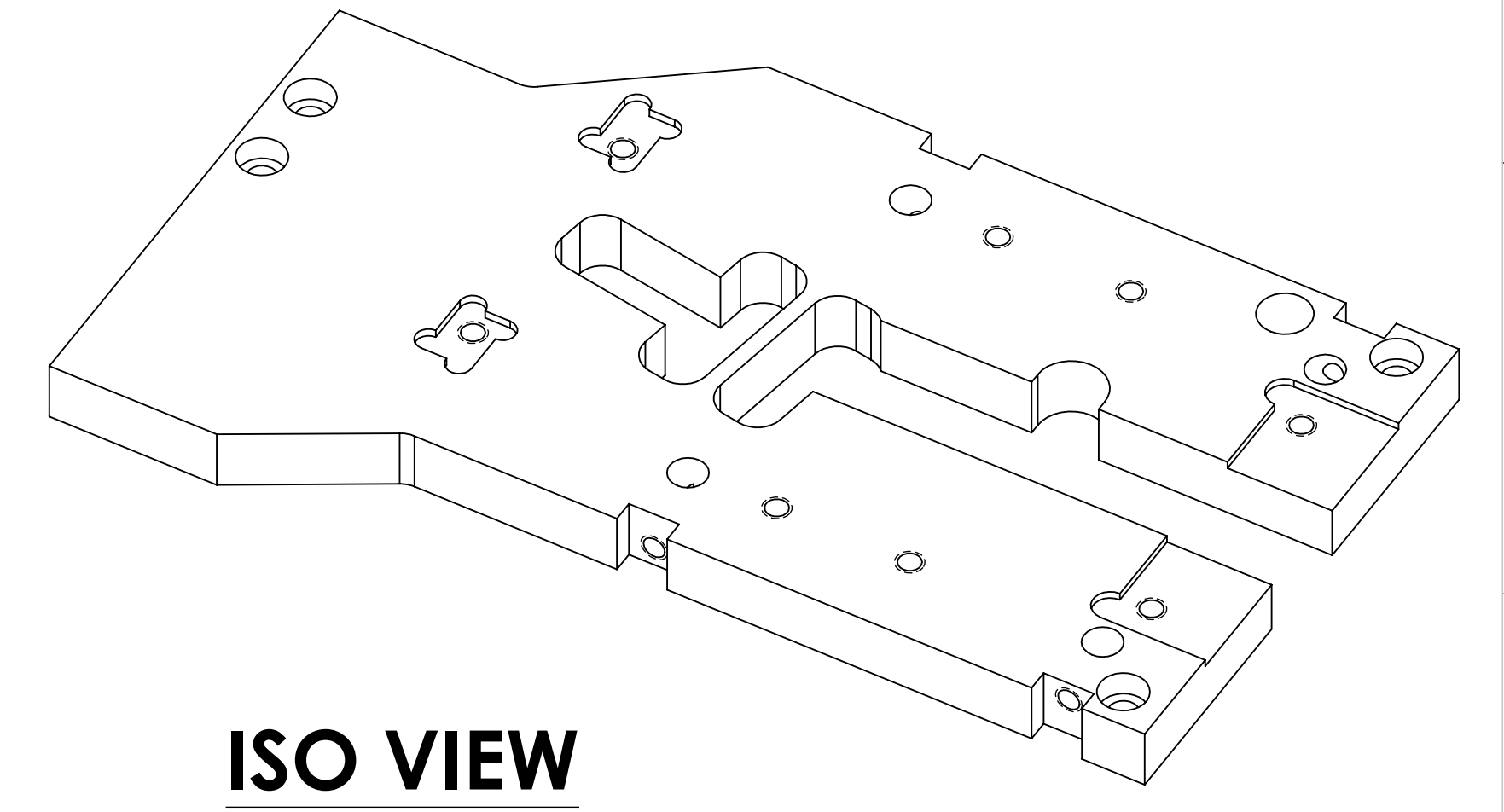


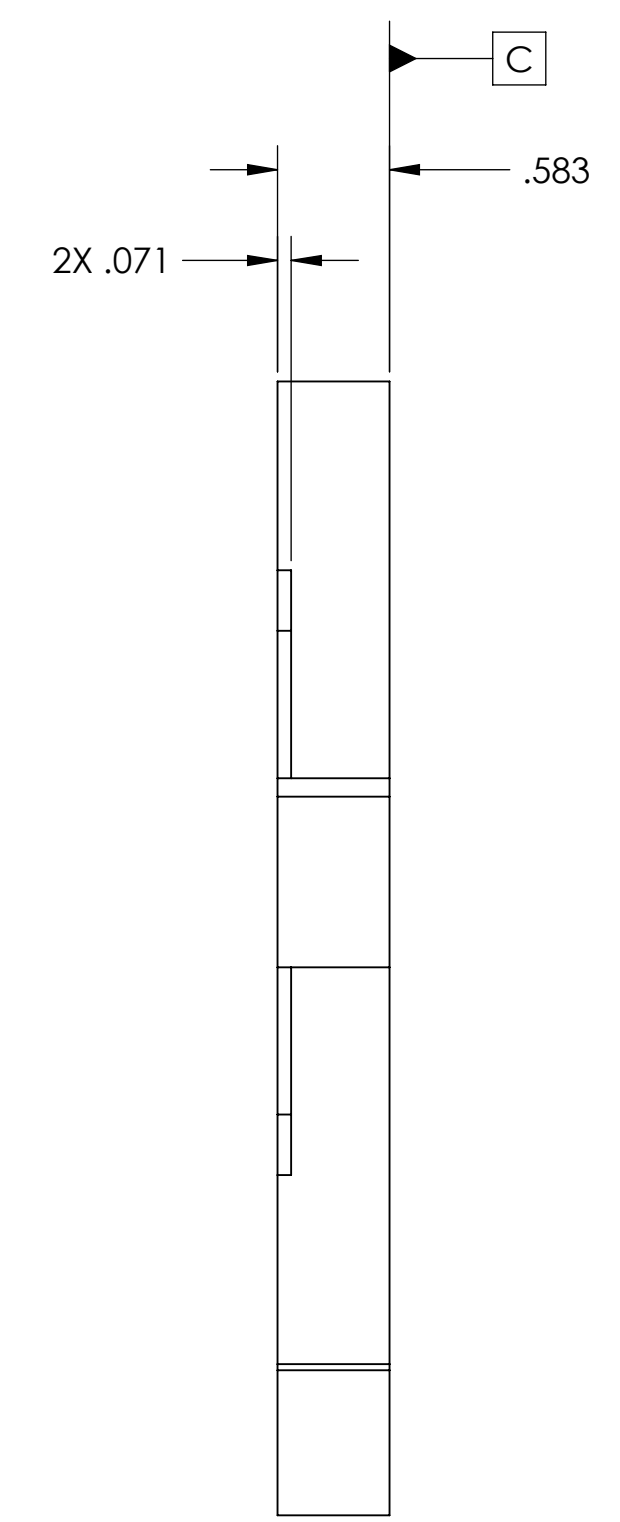
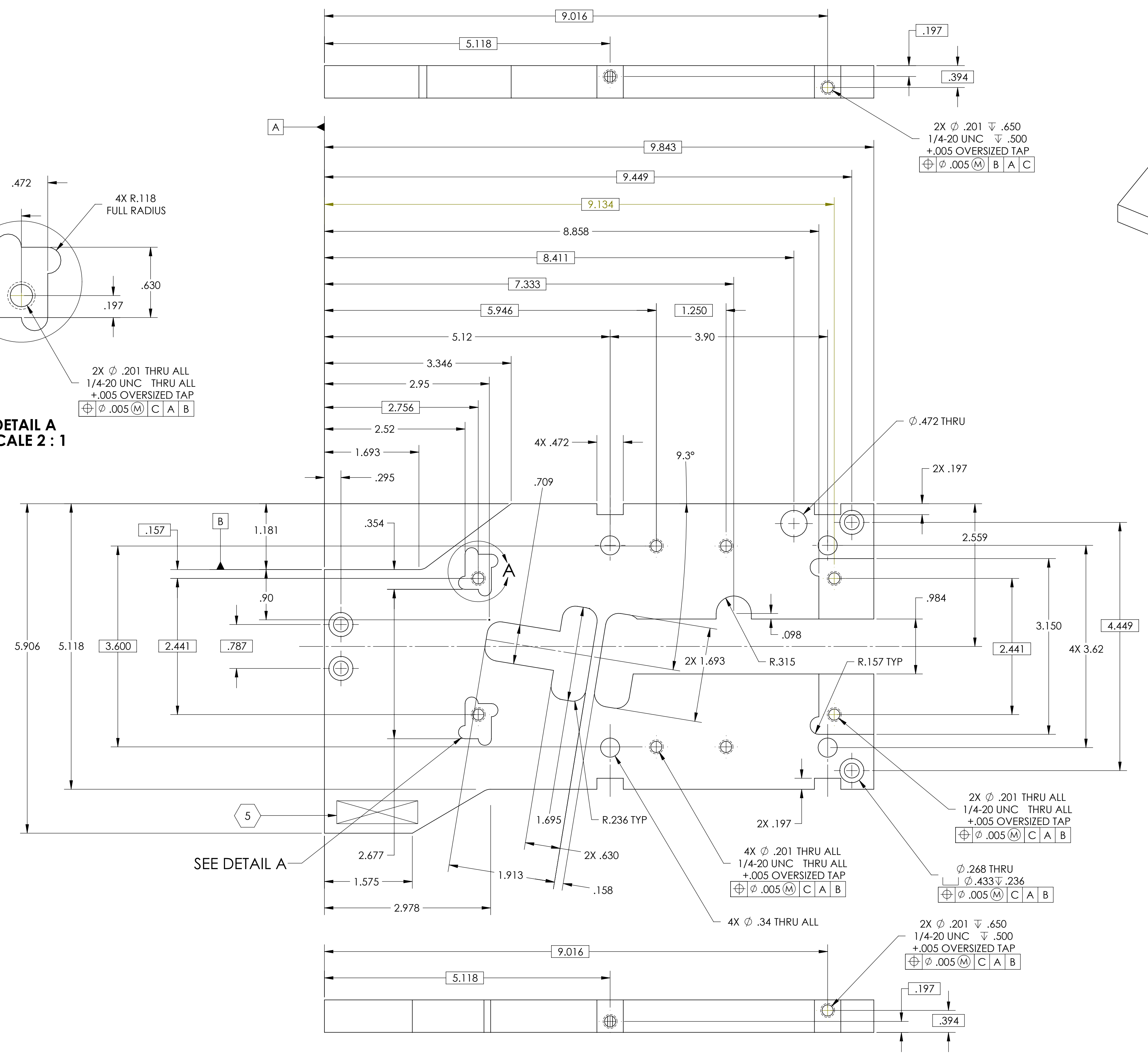
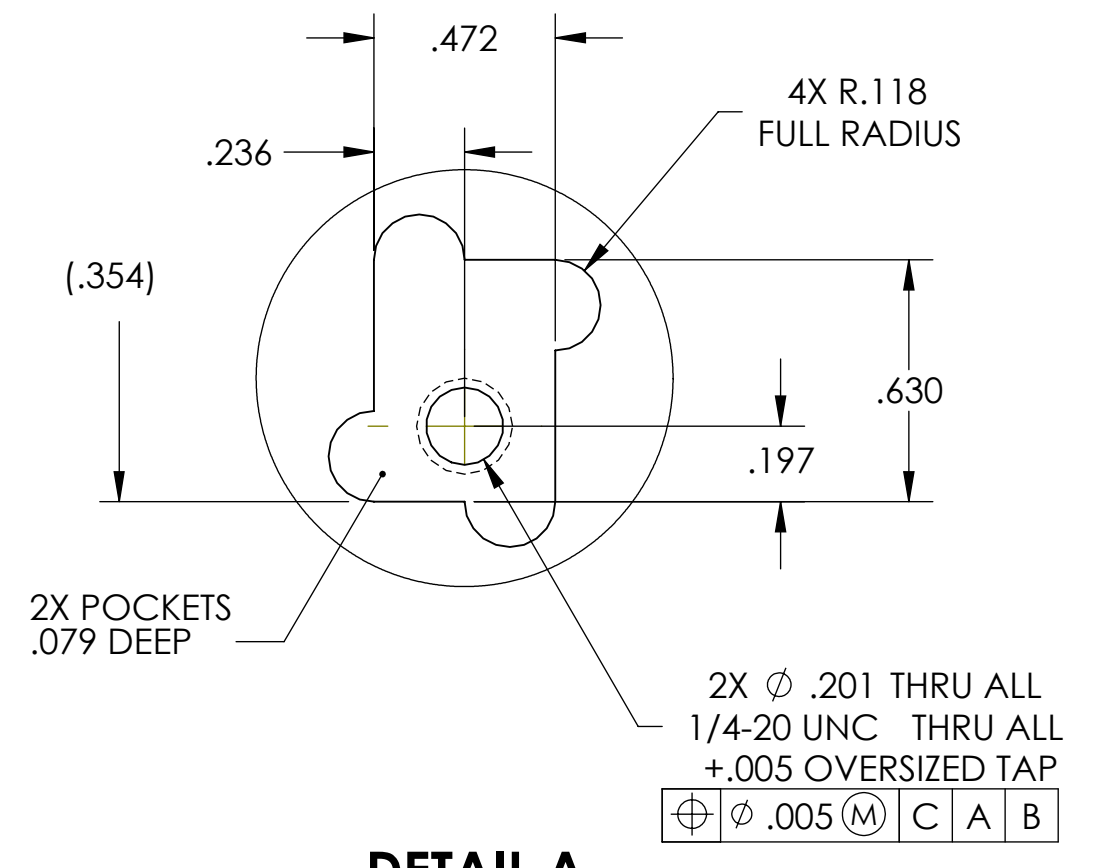
NOTES CONTINUED:  
 ⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. 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

REV.	DATE	DCN #	DRAWING TREE #
v1	JUN-29-10	E1000234	



**ISO VIEW**

**DETAIL A  
SCALE 2 : 1**



- 3. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
- 2. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.
- 1. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364

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.	
DIMENSIONS ARE IN	
TOLERANCES:	
.XX ± .010	
.XXX ± .005	
ANGULAR ± 5°	
MATERIAL	ST. STEEL 304
FINISH	32 μinch

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

SYSTEM: **αLIGO AOS** SUB-SYSTEM: **TRANSMON**

NEXT ASSY: **D1000442**

PART NAME			SIZE	DWG. NO.	REV.
<b>αLIGO INTERMEDIATE MASS TOP PLATE</b>			<b>D</b>	<b>D1000393</b>	<b>v1</b>
DESIGNER	I ROMERO	4/14/10			
CHECKER	K MAILAND	4/14/10			
APPROVAL	K MAILAND	4/14/10			
SCALE: 1:1			PROJECTION:		SHEET 1 OF 1

D:\000393-αLIGO\INTERMEDIATE MASS TOP PLATE - PART PDM\REV-X\011 - DRAWING PDM\REV-X-008