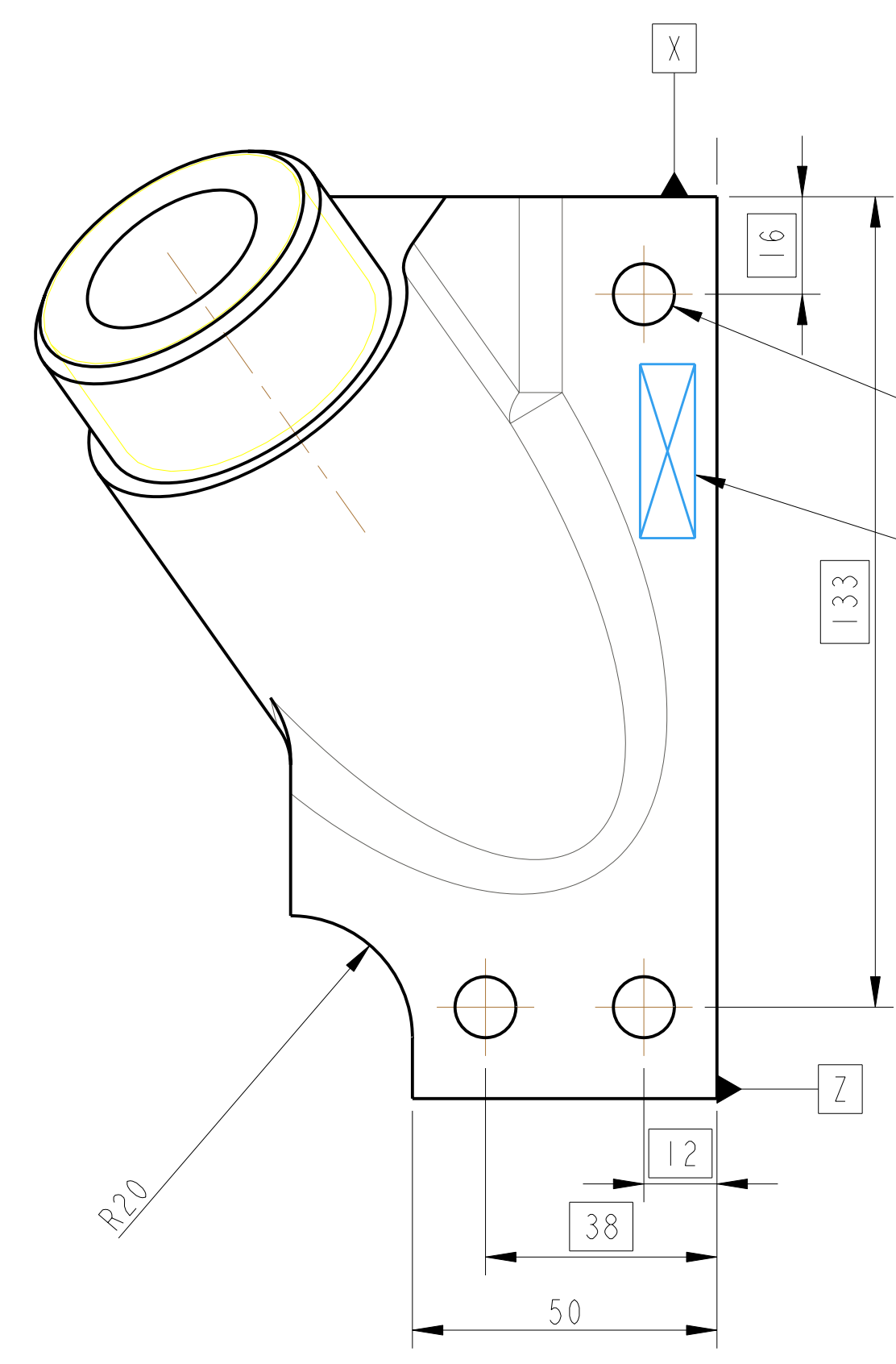
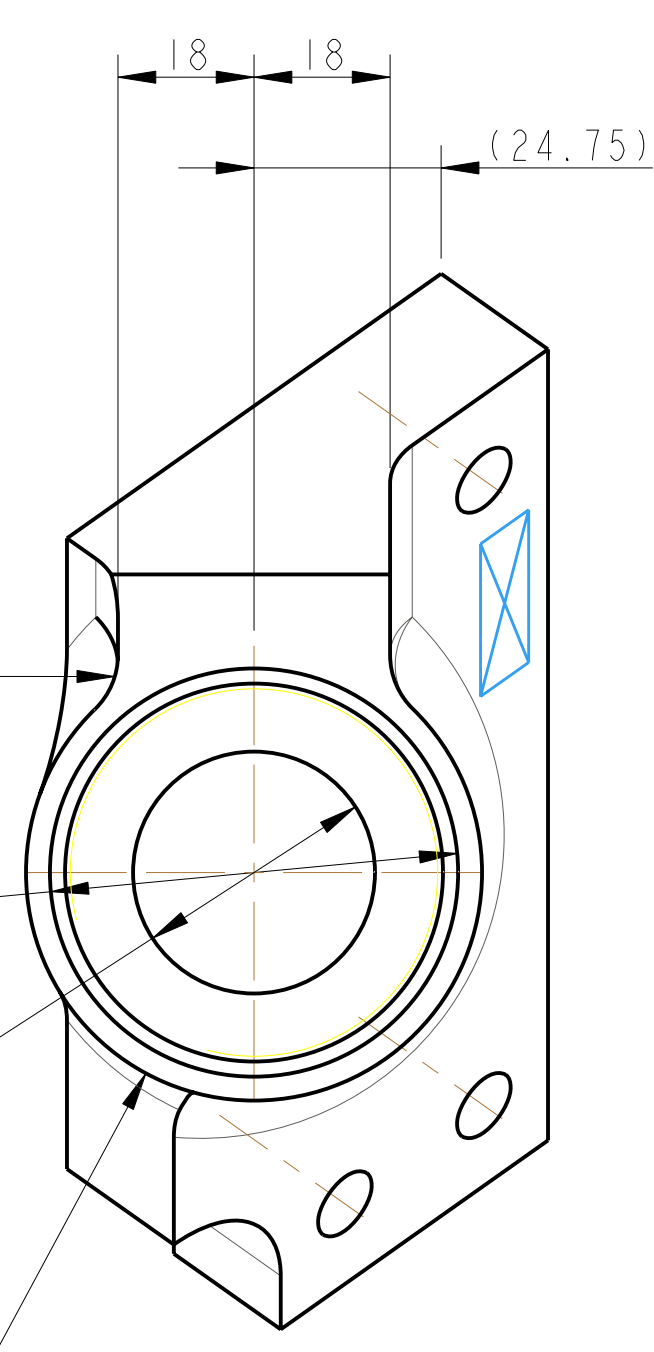


3D VIEW



3 HOLES Ø10 THRO'
 $\oplus 0.4 | Y | Z | X$

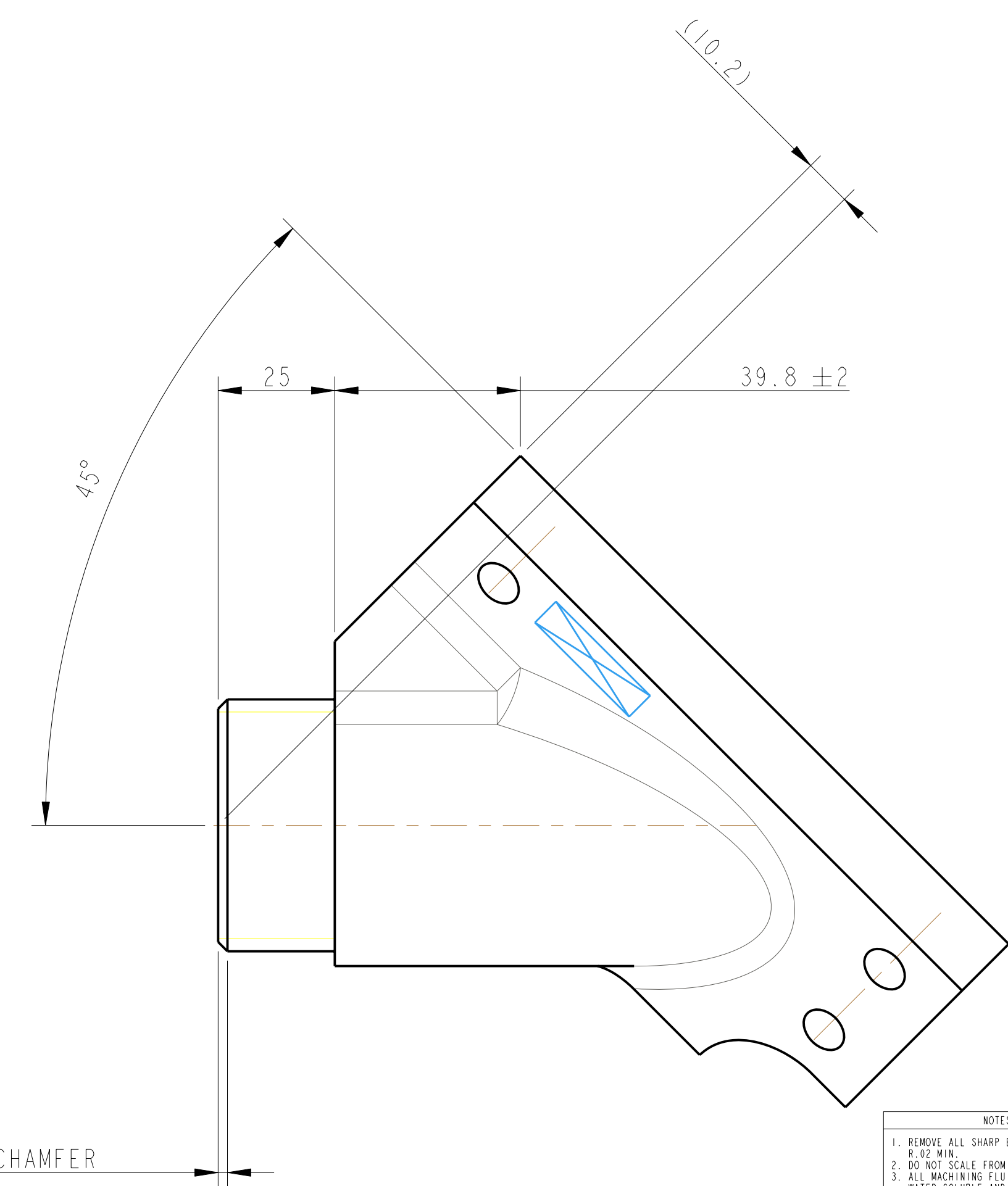
PART# (SEE NOTE4) TO BE ETCHED OR STAMPED IN APPROX. POSITION SHOWN



R10 ± 10 TYP TOOLING RAD

M54 X 1.5 (f7) FULL THREAD UP TO SHOULDER UNDERCUT IF NECESSARY

DRILL Ø32 X 45 DP TO DRILL POINT THIS HOLE MAY BE DRILLED THROUGH FOR MANUFACTURING PURPOSES, BUT MUST IN THIS CASE BE REDUCED TO Ø20



NOTES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY	
1. REMOVE ALL SHARP EDGES. R10.2 MIN.	2. DO NOT SCALE FROM DRAWING.	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL).	4. SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE 07* HIGH CHARACTERS. EXAMPLE: 000100-001 - A VIBRATORY TOOL MAY BE USED.	GLASGOW UNIVERSITY GEG 808 GROUP RUTHERFORD APPLETON LABORATORIES	
DIMENSIONS ARE IN mm (INCHES) TOLERANCES:		SYSTEM	ADVANCED LIGO
X, YX ± 0.2	ANGULAR ±0.25 °	SUB-SYSTEM	SUS
MATERIAL: AL ALLOY S903 OR SIMILAR		NEXT ASSY	THIS
FINISH: CLEAN, GREASE FREE		PART NAME	BS UPPER STRUCTURE
√um (μin) Ra = 1.6		STAY BRACKET *3	
DRAWN	J. O'BELL 09/01/09	DRG. NO.	D080508
CHECKED	AJB	SCALE	1:1
APPROVED	JOD	PROJECTION	F