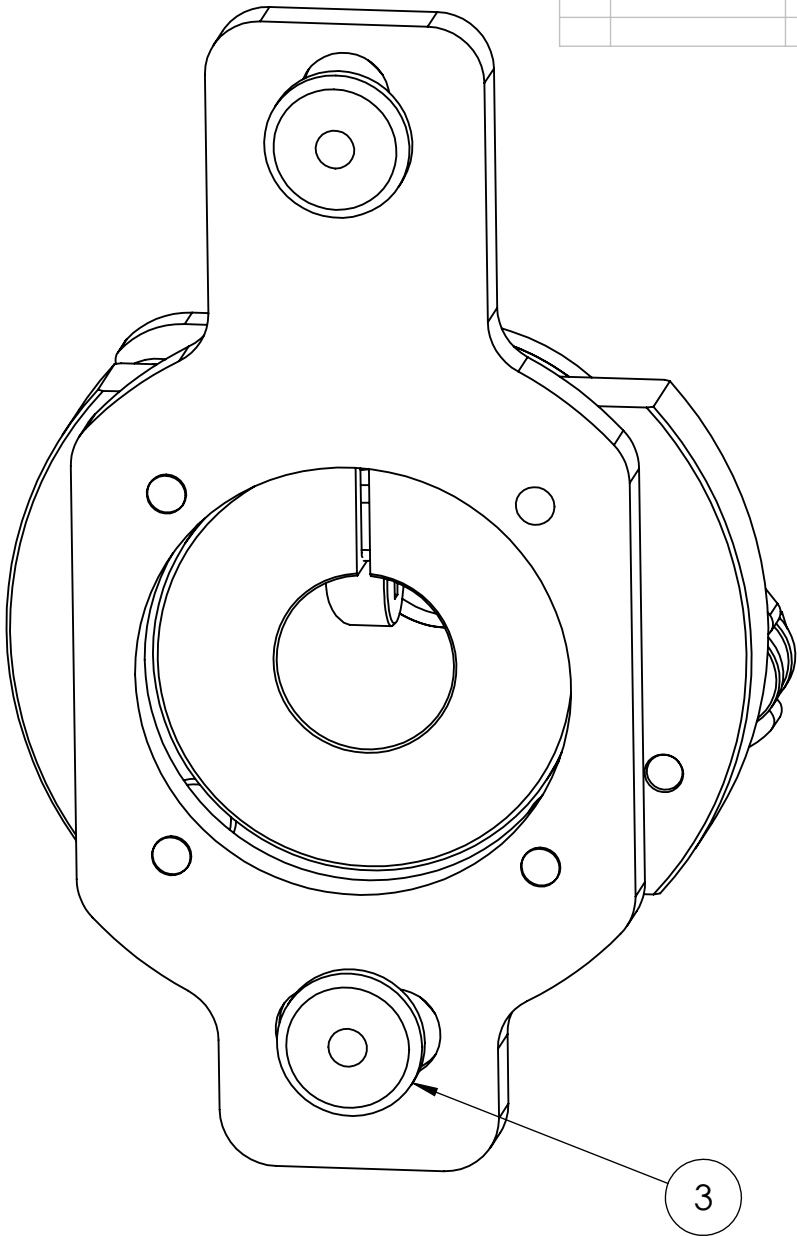
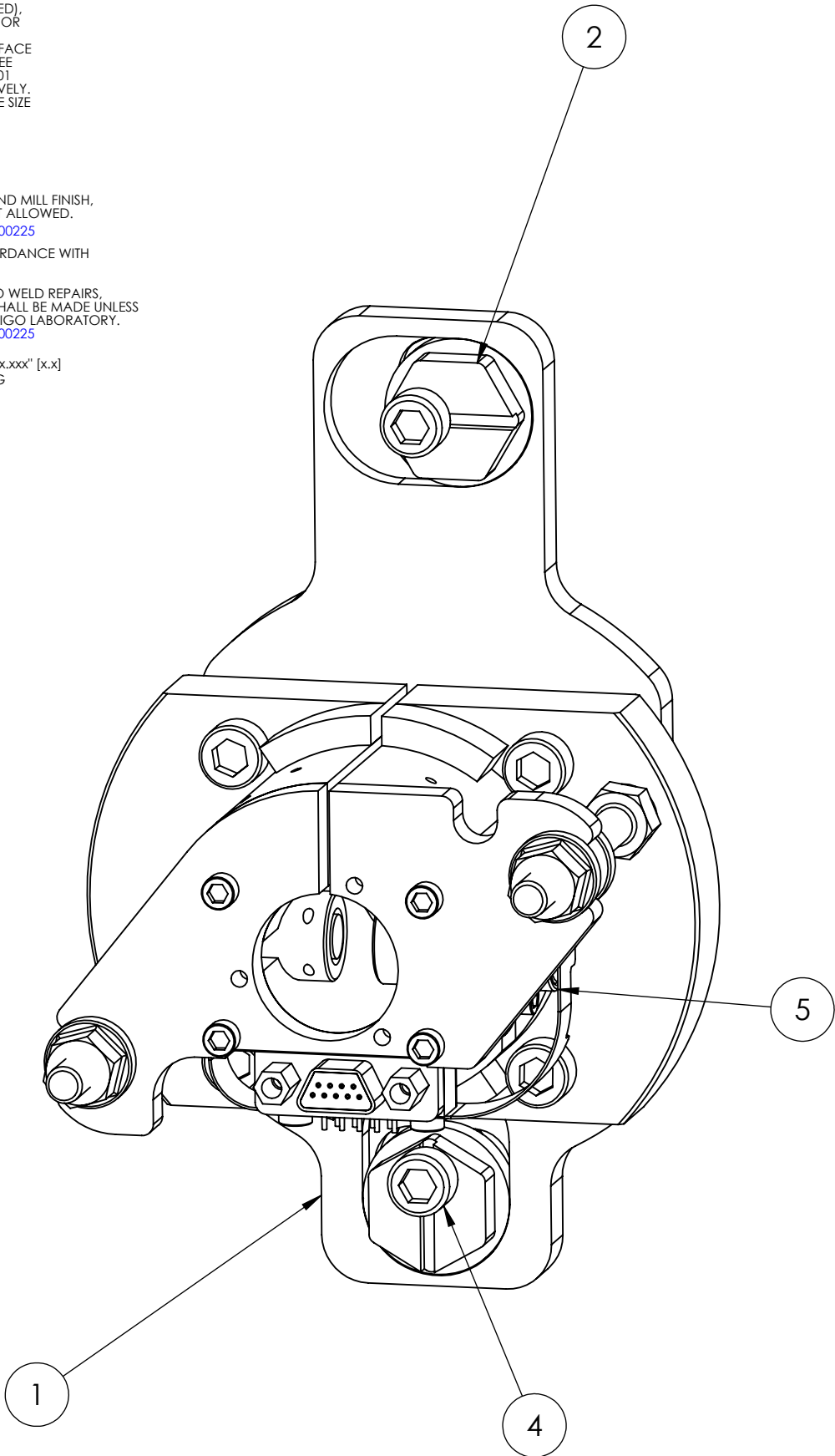


NOTES CONTINUED:
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR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

- D
6. APPROXIMATE WEIGHT = 228.15 g
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
[REFER TO MANUFACTURING SPECIFICATION E2200225](#)
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH
[MANUFACTURING SPECIFICATION E2200225](#)
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 MANUFACTURING SPECIFICATION E2200225](#)
10. DUAL DIMENSIONED CALLOUTS IN THE FORMAT x.xxx" [x.x] ARE TO BE MACHINED USING IMPERIAL TOOLING



5	D060218	ALIGO, SUS, BOSEM ASSEMBLY	N/A	1
4	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG, FULLY THREADED	300 SSTL	2
3	D1900351	A+, SUS, BOSEM ADJUSTER LOCK-OFF NUT	NITRONIC 60	2
2	D1900350	A+, SUS, BOSEM ADJUSTMENT MECHANISM CAM	Aluminium Bronze	2
1	D1900349	A+, SUS, BOSEM ADJUSTER BASE PLATE	6061-T6 Al	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES: .X ± 0.10 .XX ± 0.05	
ANGULAR ± 0.2°	
1. INTERPRET DRAWING PER BS 8888. 2. REMOVE ALL SHARP EDGES, 0.1-0.3 FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R0.5 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.	
MATERIAL	FINISH
N/A	N/A µm

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
A+		A+ BBSS BOSEM Cam Adjuster	
SUB-SYSTEM		DESIGNER	SIZE DWG. NO.
SUS		DRAFTER C.ROBERTSON	06 JUN 2024
NEXT ASSY		CHECKER J. ODELL	06 JUN 2024
MULTIPLE		APPROVAL J. ODELL	06 JUN 2024
		SCALE: 1:2	PROJECTION:
		SHEET 1 OF 1	