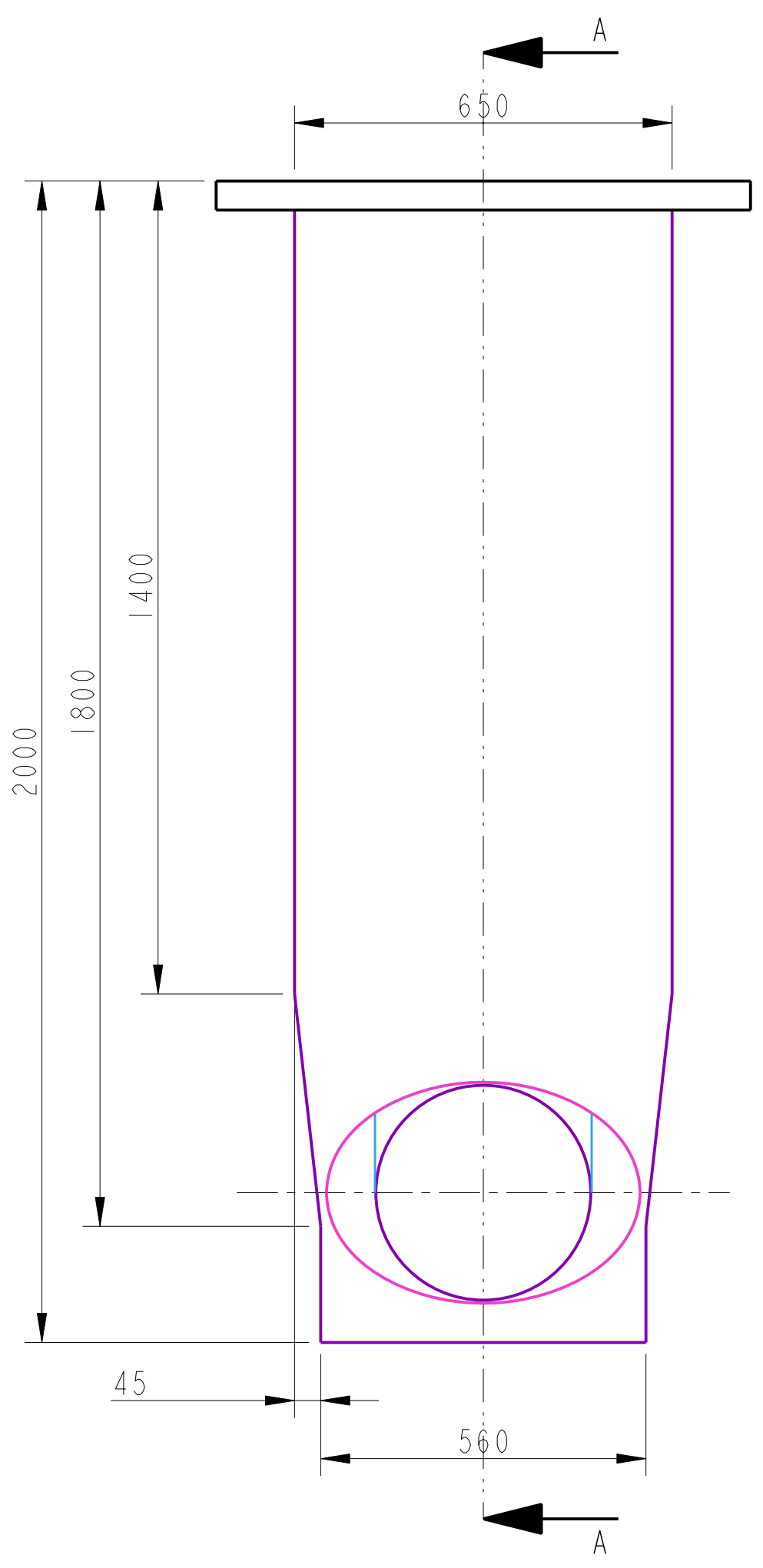


REV.	DATE	DCN #	DRAWING TREE #

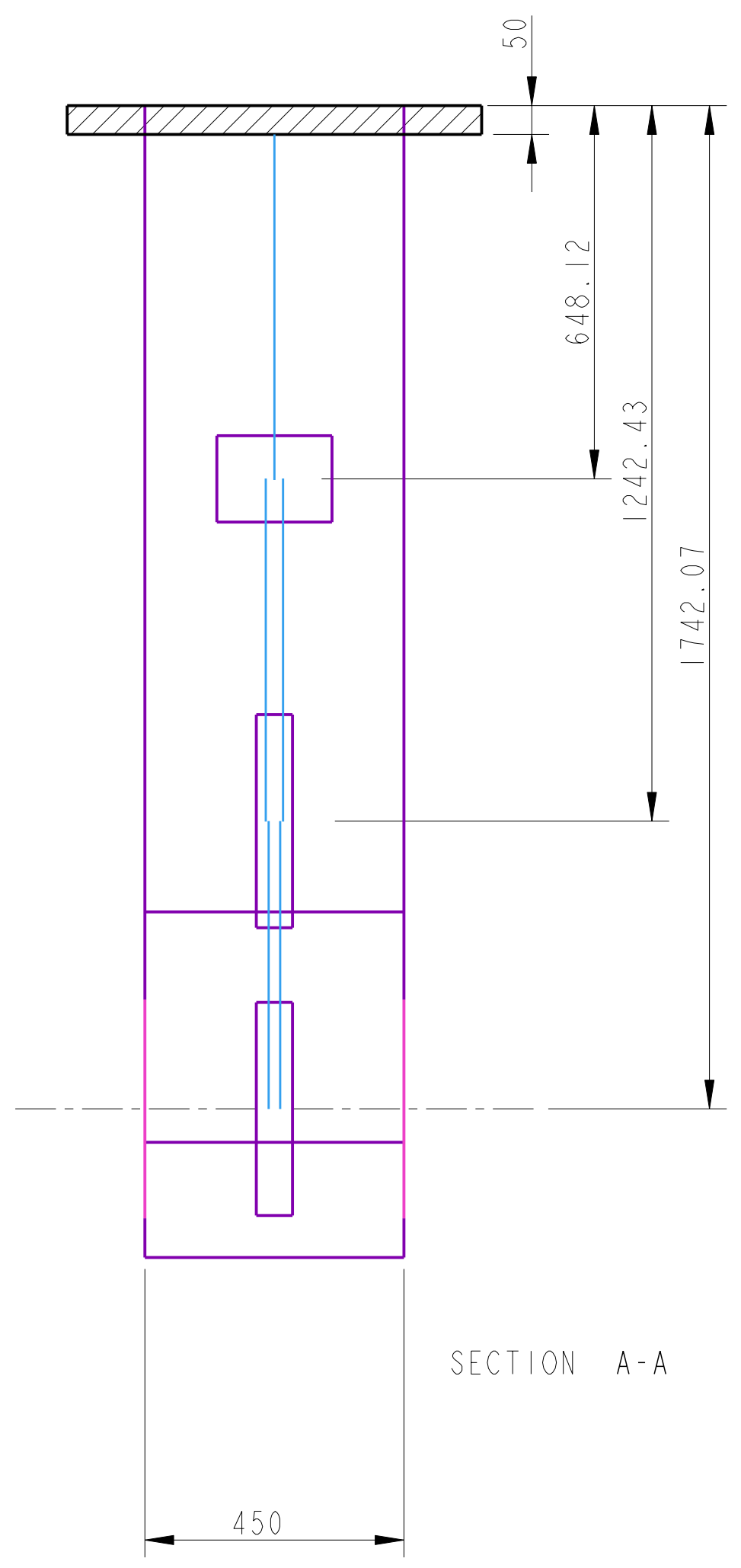


TOP STAGE

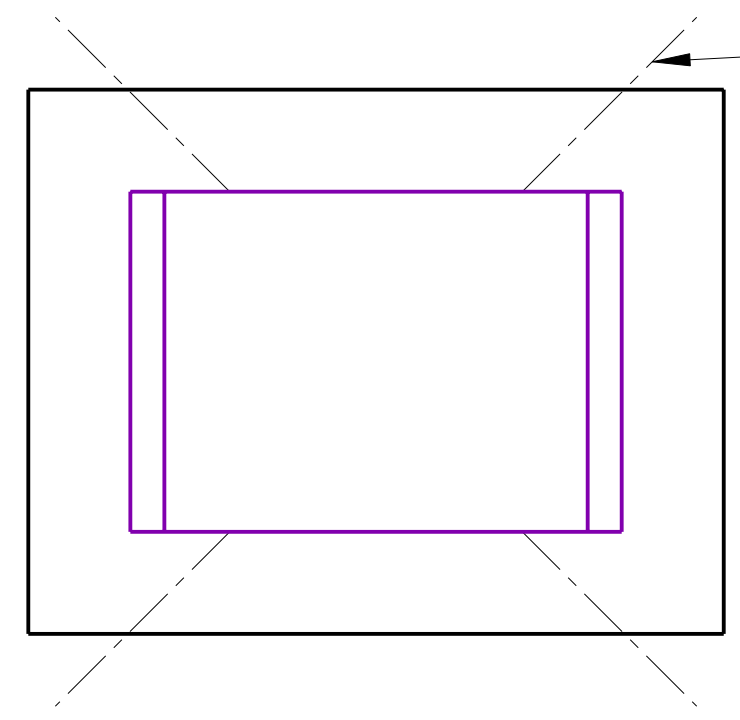
TOP MASS

PENULTIMATE MASS

FINAL MASS



SECTION A-A



STAY CLEAR BEAM PATHS $\varnothing 260$
SEE NOTE 4

NOTES:

1. ALL DIMENSIONS ARE MAXIMUM MATERIAL CONDITION
2. ALL DIMENSIONS ARE SUBJECT TO CHANGE
3. PROVISION WILL BE PROVIDED FOR A $\varnothing 260$ BEAM TO FALL OF THE BS OPTIC FORM 45° IN ALL DIRECTIONS AS SHOWN
4. ALL MASS DIMENSIONS ARE TO MASS CG

NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN mm (INCHES)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP RUTHERFORD APPLETON LABORATORIES	
1. REMOVE ALL SHARP EDGES, R.02 MIN.		X.XX ± mm (INCHES)		SYSTEM ADVANCED LIGO	
2. DO NOT SCALE FROM DRAWING.		ANGULAR ±0.25°		SUB-SYSTEM SUS	
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)		MATERIAL:		NEXT ASSY THIS	
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: D020188-001. A VIBRATORY TOOL MAY BE USED.		FINISH:		PART NAME BS ENVELOPE	
		√μm (μin) Ra =		SCALE 1:1.0 PROJECTION	
		DRAWN J O'DELL 18/08/04		DRG. NO. TD-1113-090_SKEL	
		CHECKED IW		REV 01	
		APPROVED IW		SHEET 1 OF 1	