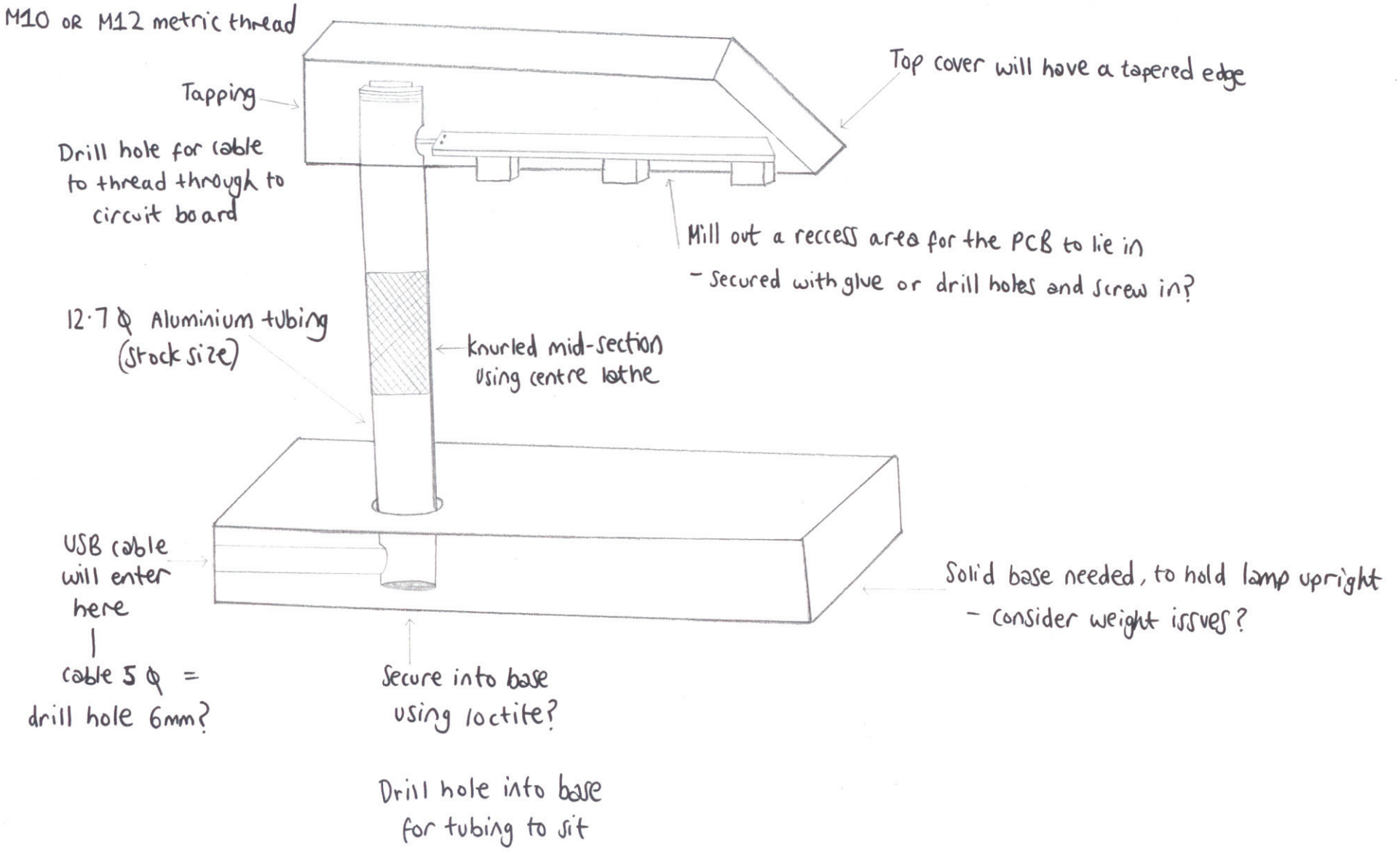
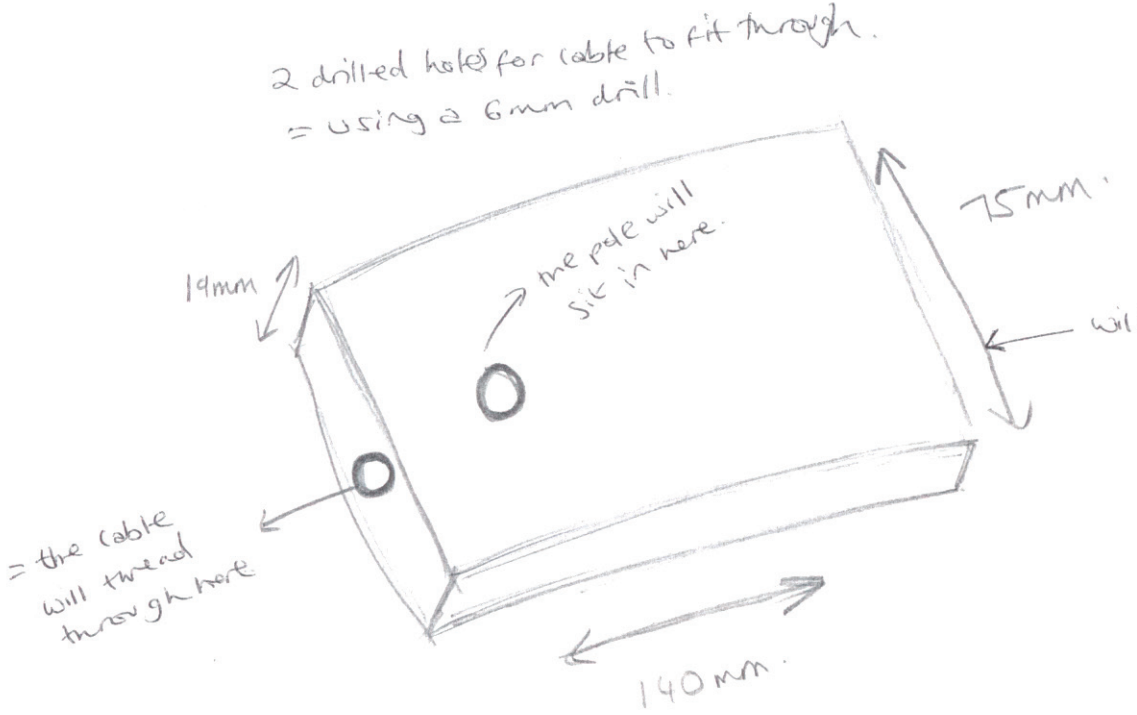
INITIAL LAMP DESIGN CONCEPT.



This is the base + I have brought the block of aluminium (large one I gave you)



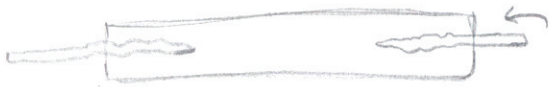
will mill the edge slightly to tidy it up. I think it will remain the size, as I have brought the block through. (not many changes sizing wise)

PART 1 = BASE.

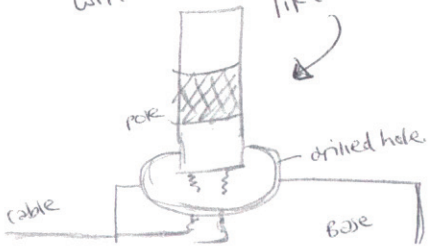
Threading

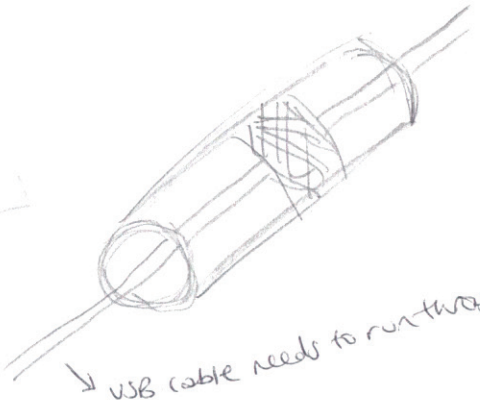
pole will be 12.7mm stock size.

Turned on a metal lather



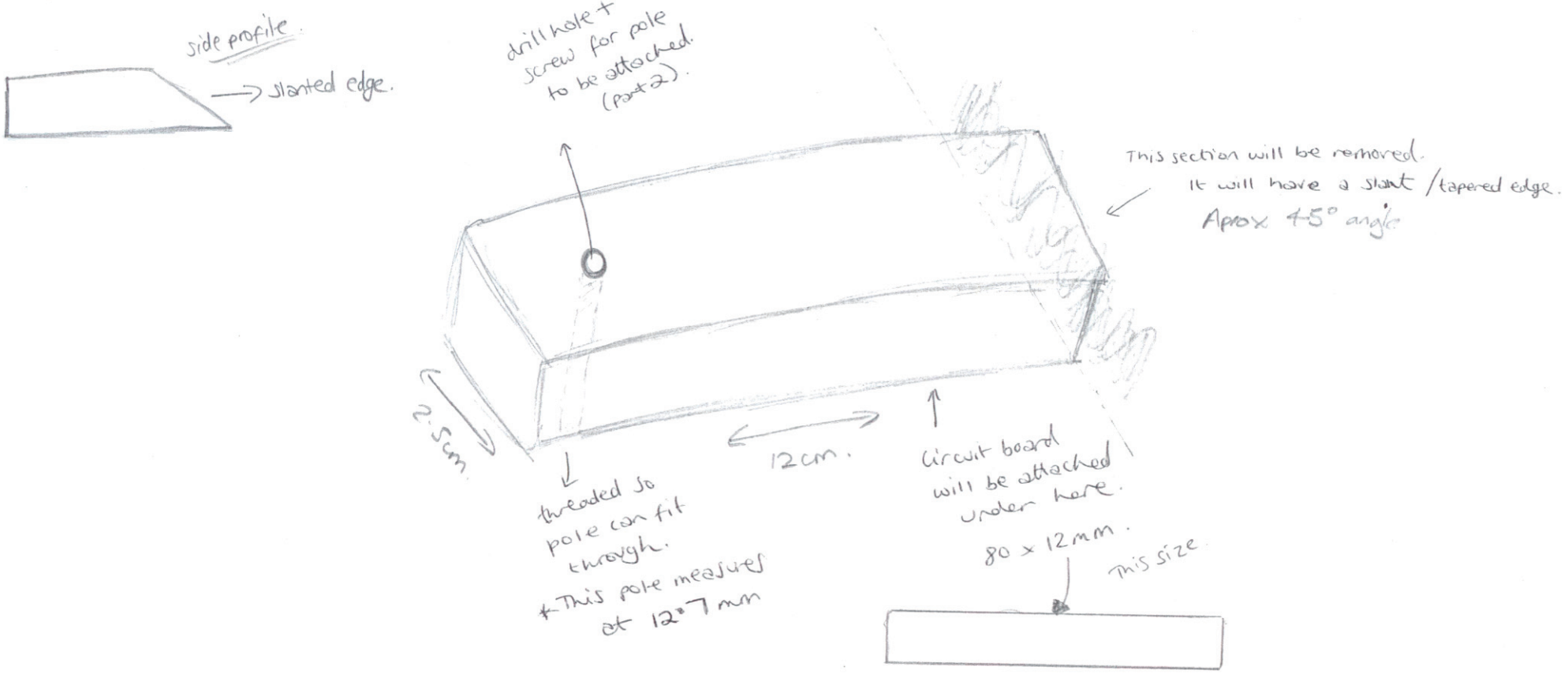
attached to the base. will 'screw' in. like this





PART 2 = ALUMINIUM pole.

- I have brought an aluminium solid bar from stores (smaller one).
- This is what will be used for part 3 (top part).

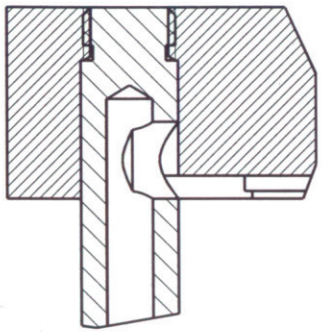


The circuit will lie in a recess, which I will mill out a space for it to lie in.

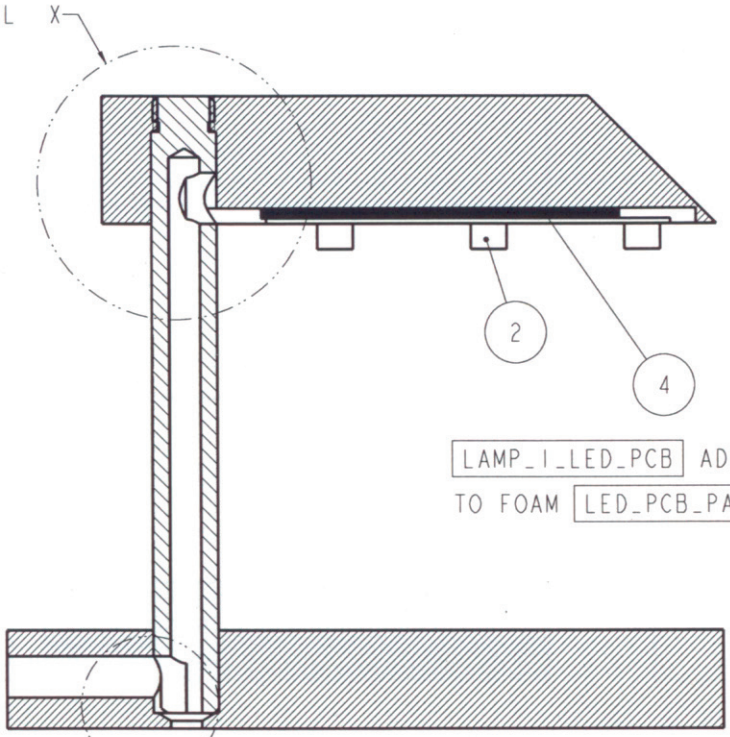
PART 3 = TOP cover

SABEENA'S LAMP

ALL FABRICATED PARTS MADE FROM ALUMINIUM, MASS ROUGHLY 730g

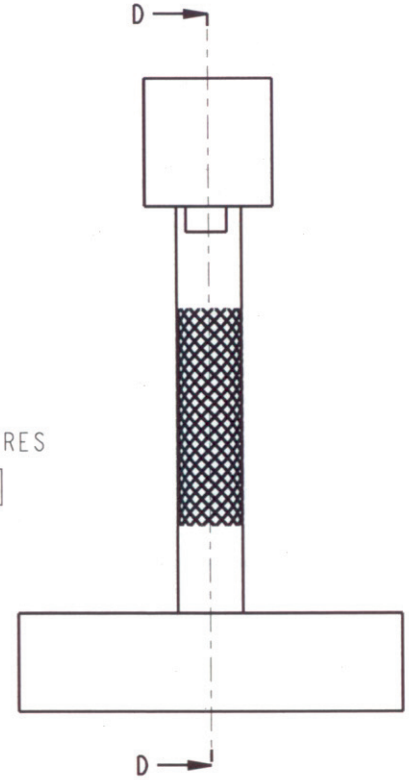


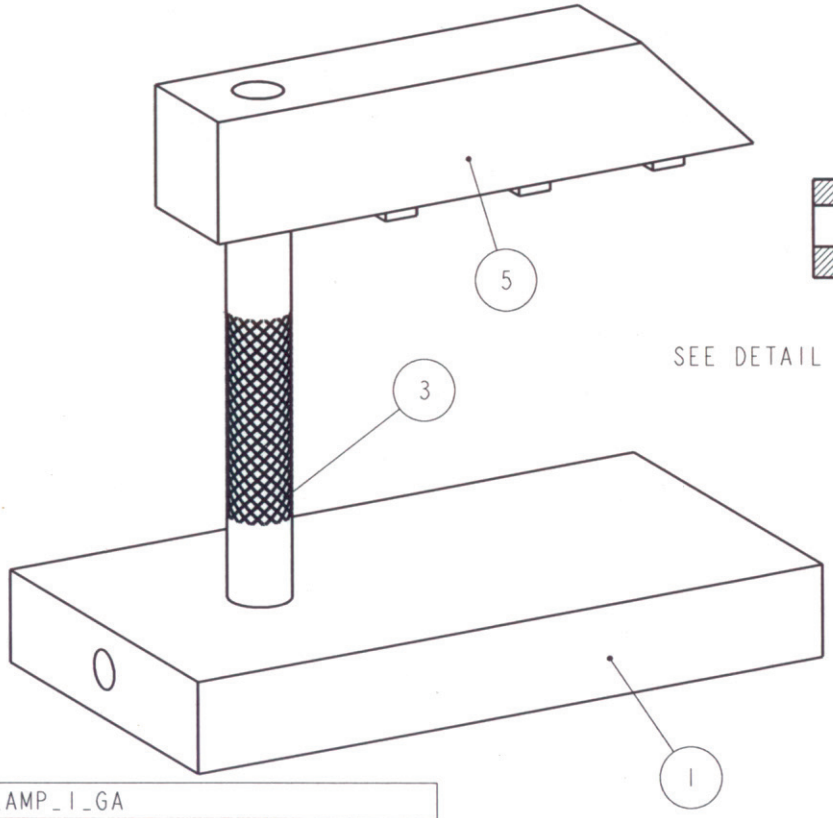
DETAIL X
SCALE 1.500

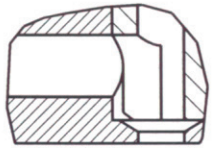


LAMP_1_LED_PCB ADHERES TO FOAM LED_PCB_PAD

SECTION D-D







DETAIL Y
SCALE 1.500

ALIGN Ø6 HOLE IN LAMP_1_BASE WITH END SLOT IN LAMP_1_STEM AND SECURE USING LOCTITE

INDEX	COMPONENT	QUANTITY
5	TOP_COVER	1
4	LED_PCB_PAD	1
3	LAMP_1_STEM	1
2	LAMP_1_LED_PCB	1
1	LAMP_1_BASE	1

LAMP_1_GA	
SCALE 1.000 @ A3	SVB 27_01_12