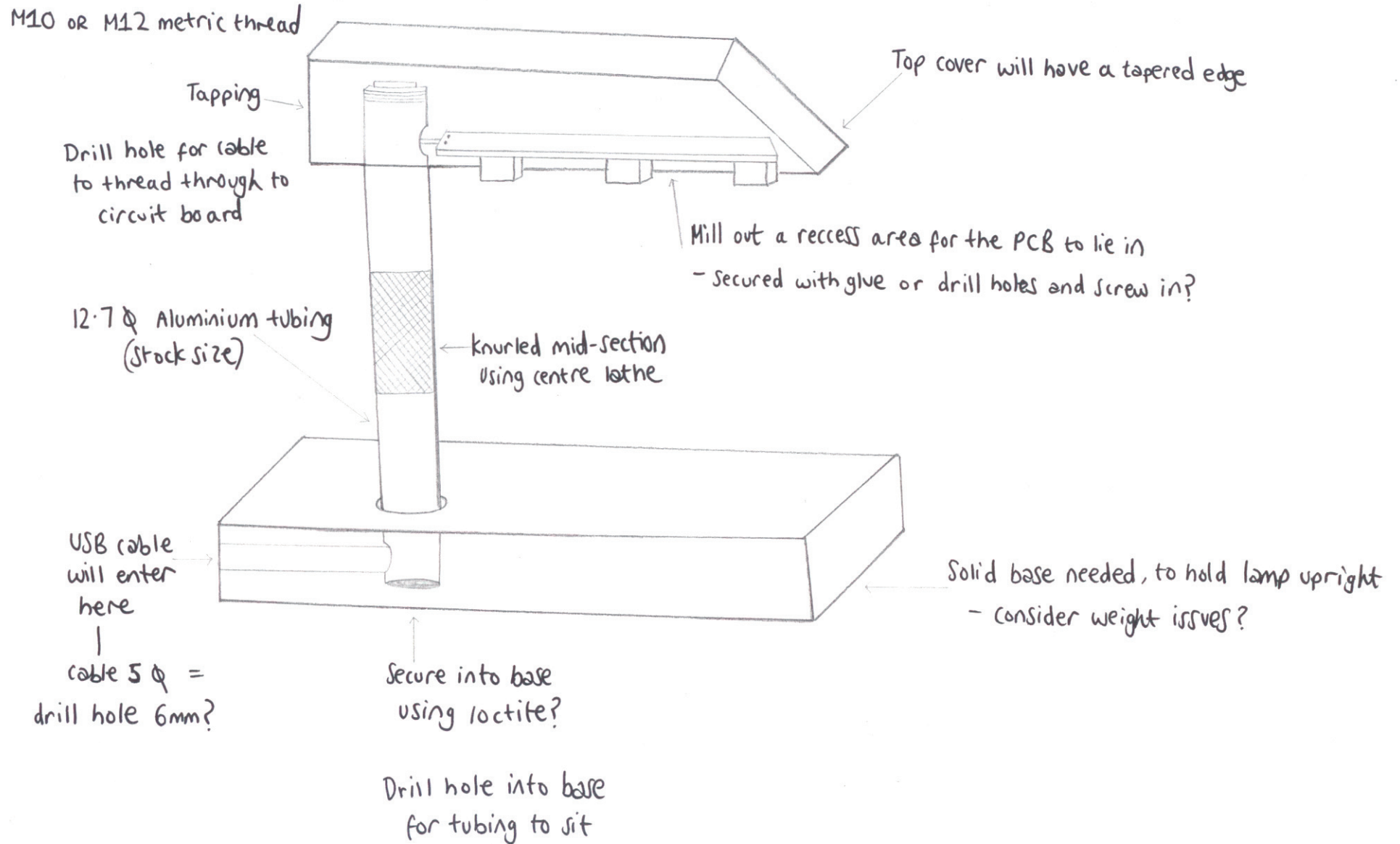
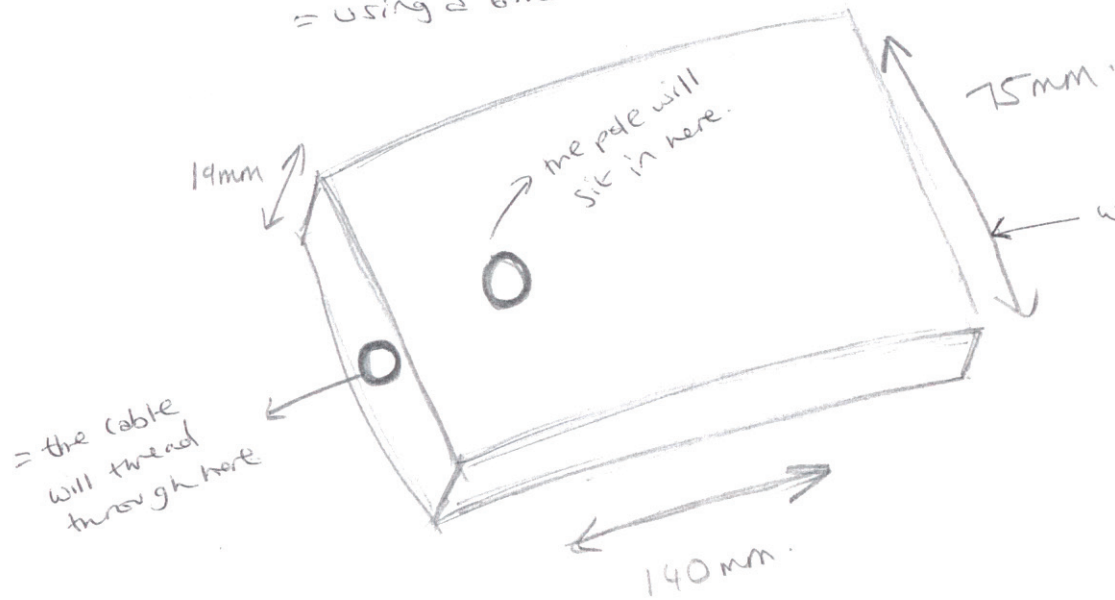


INITIAL LAMP DESIGN CONCEPT.



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

2 drilled holes for cable to fit through.
= using a 6mm drill.



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

PART 1 =
BASE.

Threading

pole will be 12.7mm stock size.

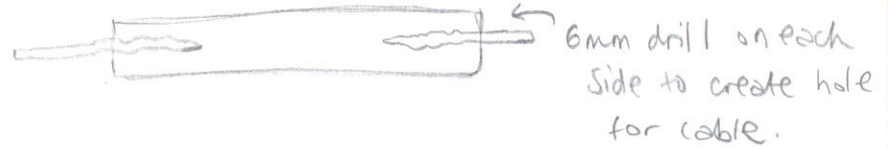
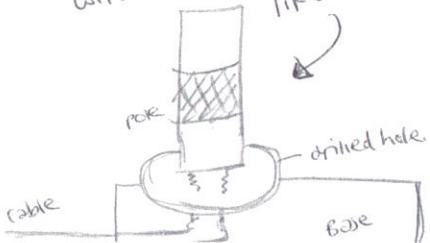
12cm Height.

Turned on a metal lathe

knurled mid-section.

M12 (metric thread).

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

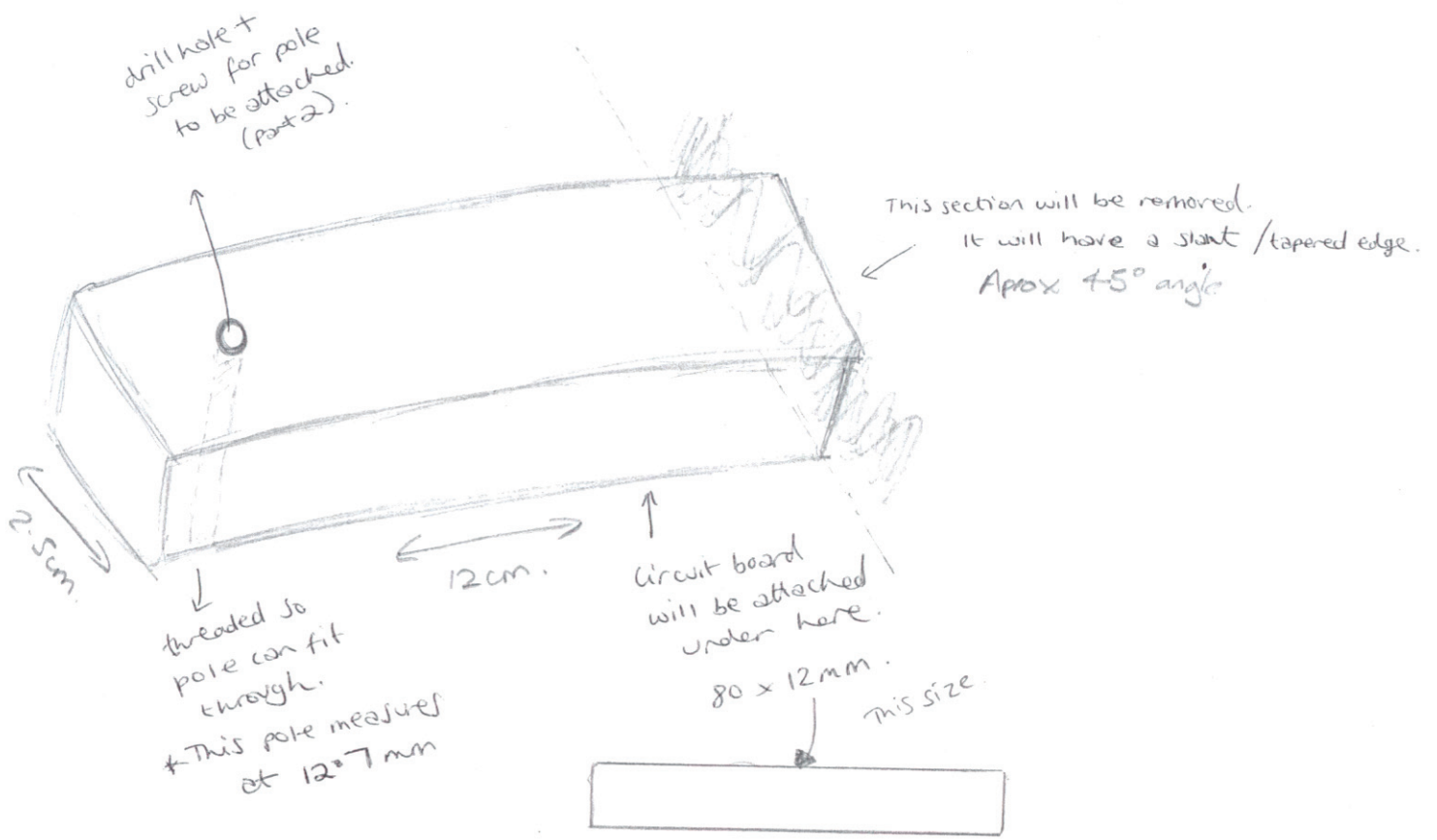
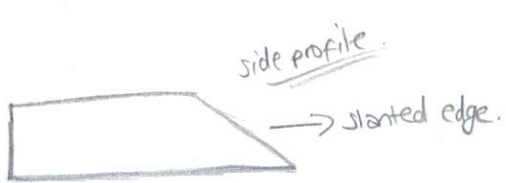


cable diameter is 5mm. so I will use a 6mm drill bit, so it fits through.

USB cable needs to run through the pole.

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).



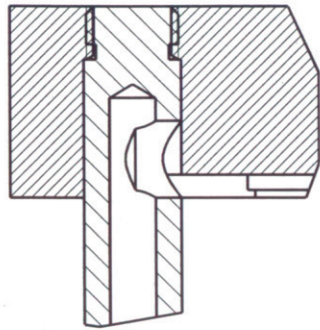
The circuit will lie in a recess, which I will mill out a space, for it to lie in.

PART 3 =
TOP COVER

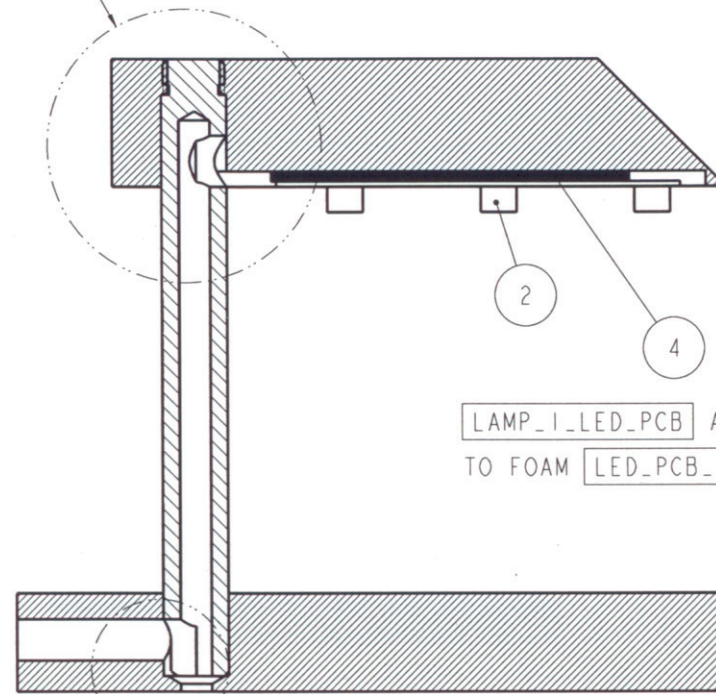
SABEENA'S LAMP

ALL FABRICATED PARTS MADE FROM ALUMINIUM, MASS ROUGHLY 730g

DETAIL X
SCALE 1.500

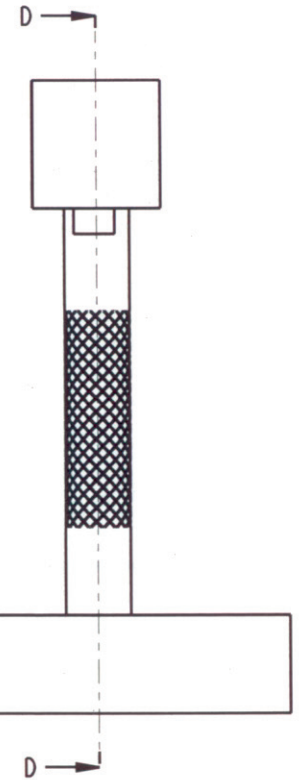


SEE DETAIL X

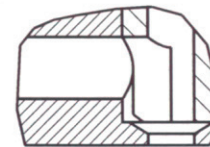


LAMP_I_LED_PCB ADHERES
TO FOAM LED_PCB_PAD

SECTION D-D

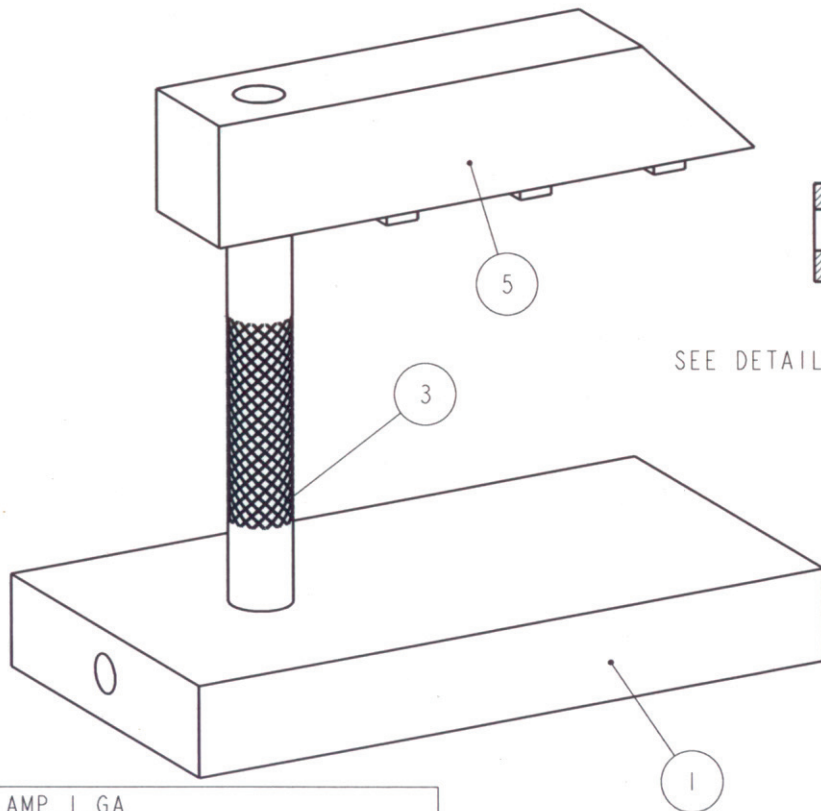


SEE DETAIL Y



DETAIL Y
SCALE 1.500

ALIGN $\varnothing 6$ HOLE IN LAMP_I_BASE WITH
END SLOT IN LAMP_I_STEM AND SECURE
USING LOCTITE



LAMP_I_GA
SCALE 1.000 @ A3 SVB 27_01_12

5	TOP_COVER	1
4	LED_PCB_PAD	1
3	LAMP_I_STEM	1
2	LAMP_I_LED_PCB	1
1	LAMP_I_BASE	1
INDEX	COMPONENT	QUANTITY