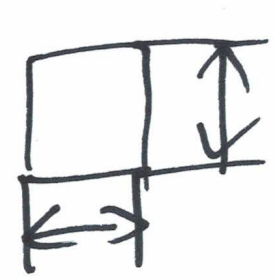


Cross sectional view



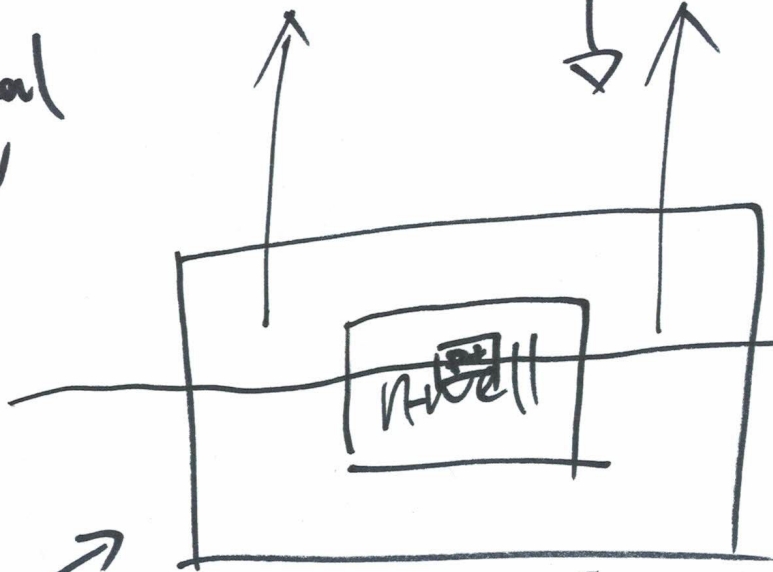
$$1 \text{ } \eta \text{ } 1/1 = \frac{w}{L}$$

$$\lambda = 300 \text{ nm scale}$$

$$CS : 500 \text{ nm}$$

2λ smallest

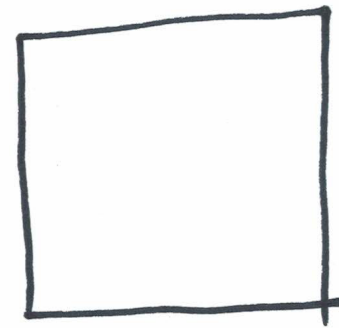
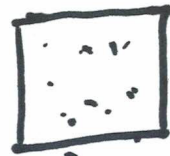
$$L_{min} = 600 \text{ nm}$$

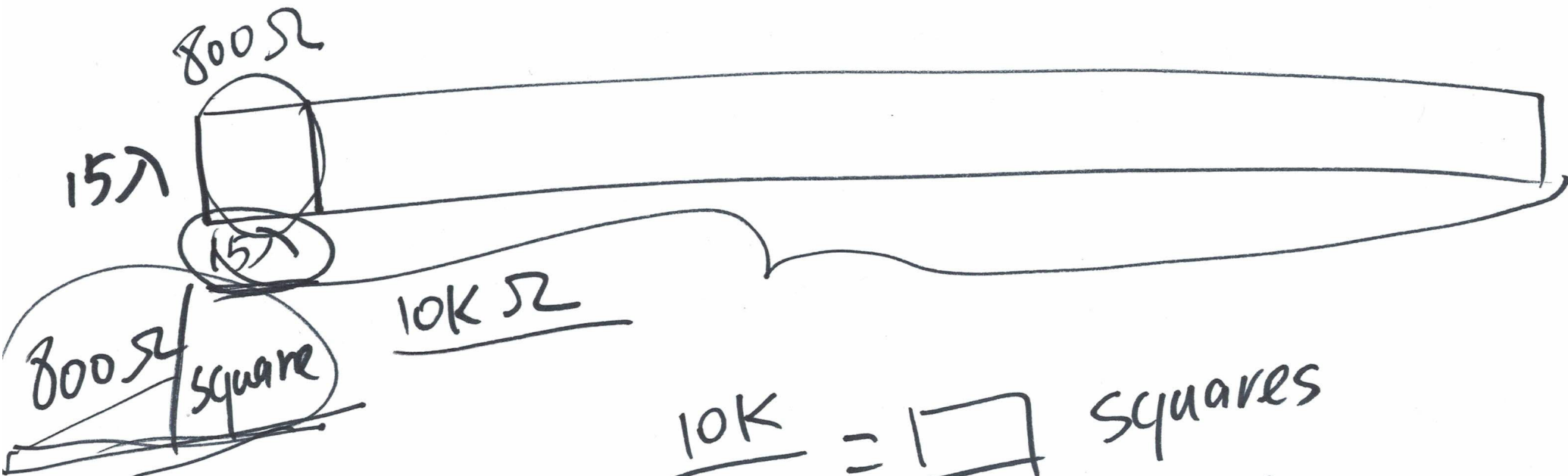


top view

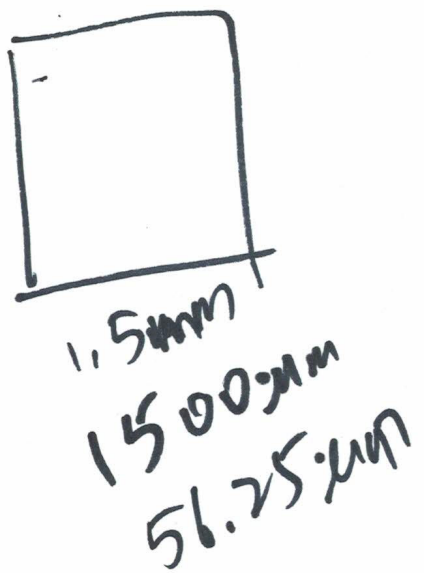
$$r = \rho \frac{l}{A}$$

length  
Area





|| sheet resistance

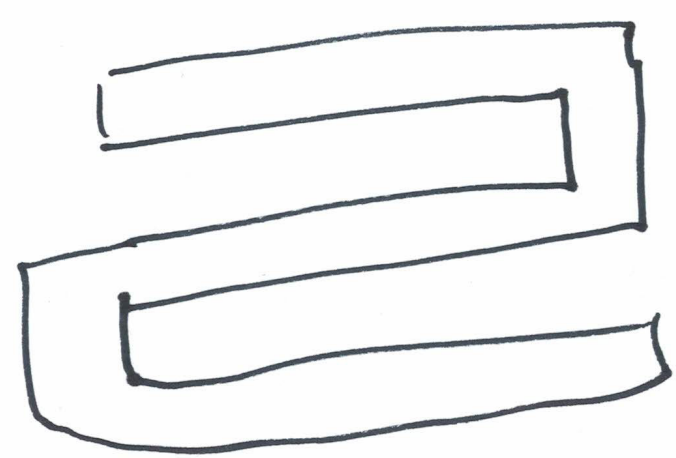


$$\frac{10K}{800} = \square \text{ squares}$$

$$= 12.5 \text{ squares}$$


---


$$12.5 \times 15\lambda = 187.5\lambda$$



(2)