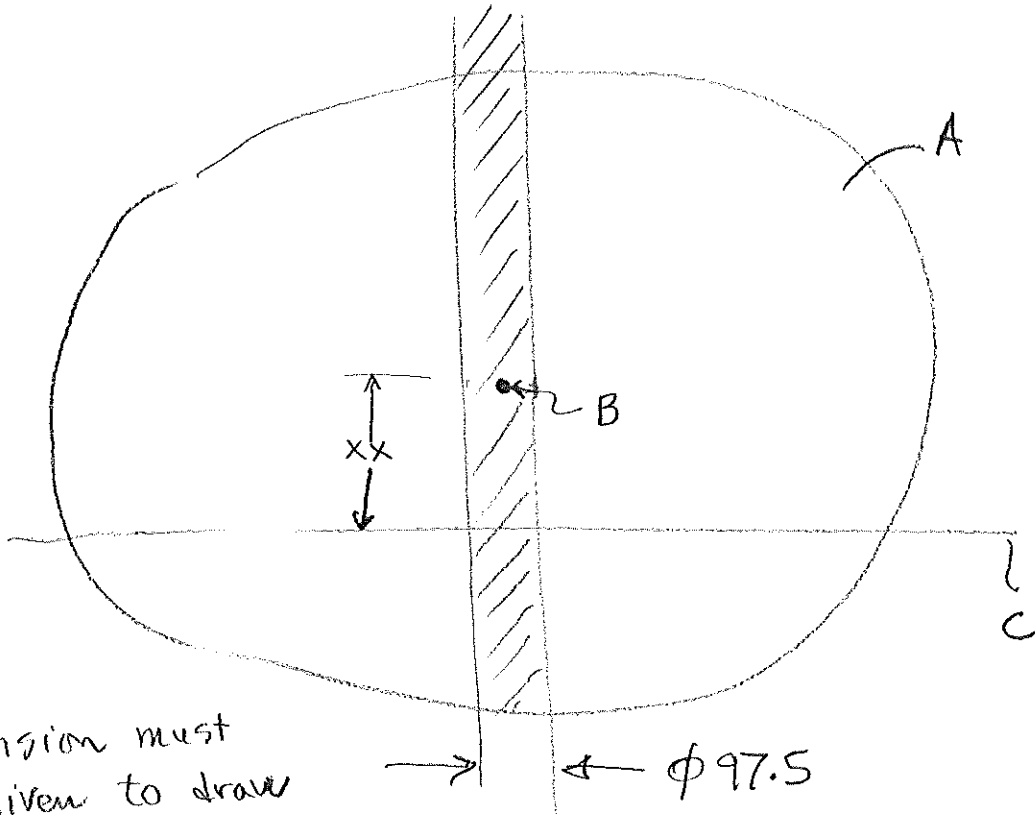


#3

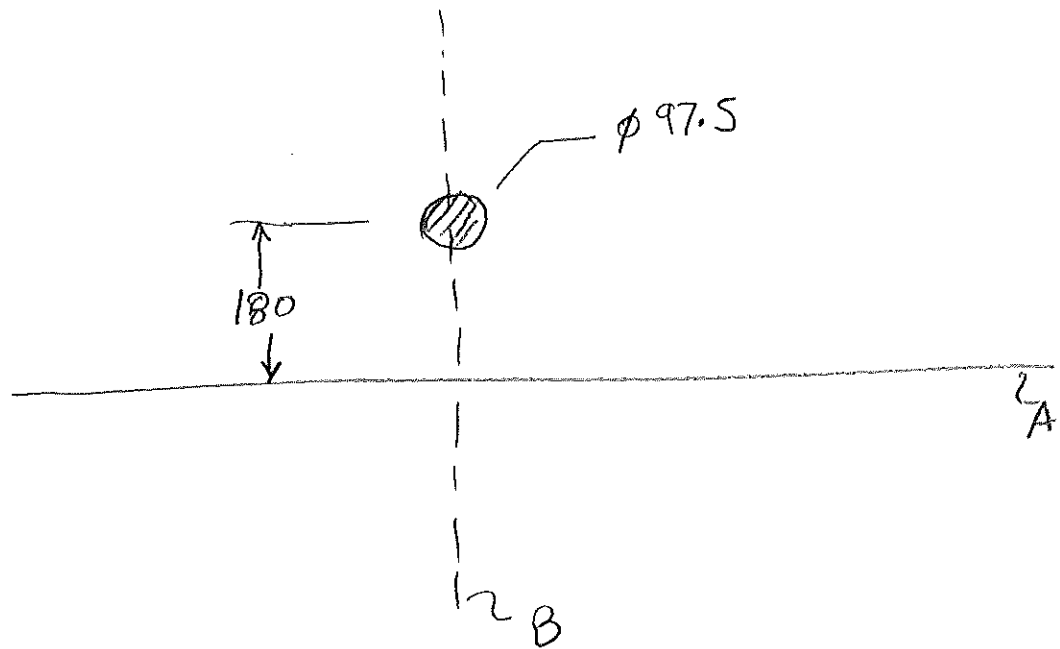
②

View 1



XX: Dimension must be given to draw

View 2



#4)

This problem was on midterm exam
Solution is already on the web site.

#5)

Fastener Calculations

$$T_H = \frac{H_{min} - F_{max}}{2}$$

where $H_{min} \equiv$ drill size = 6.5

$F_{max} \equiv$ screw size = 6.0

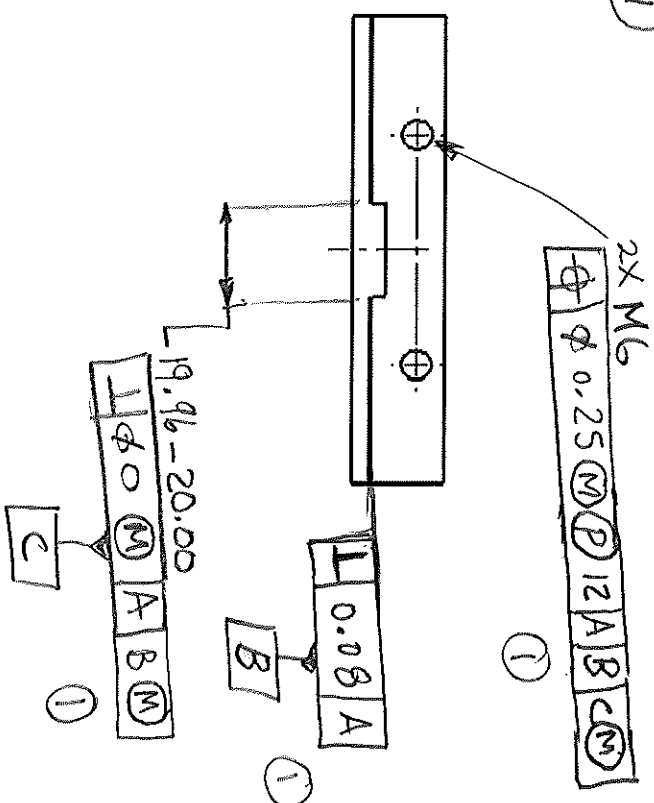
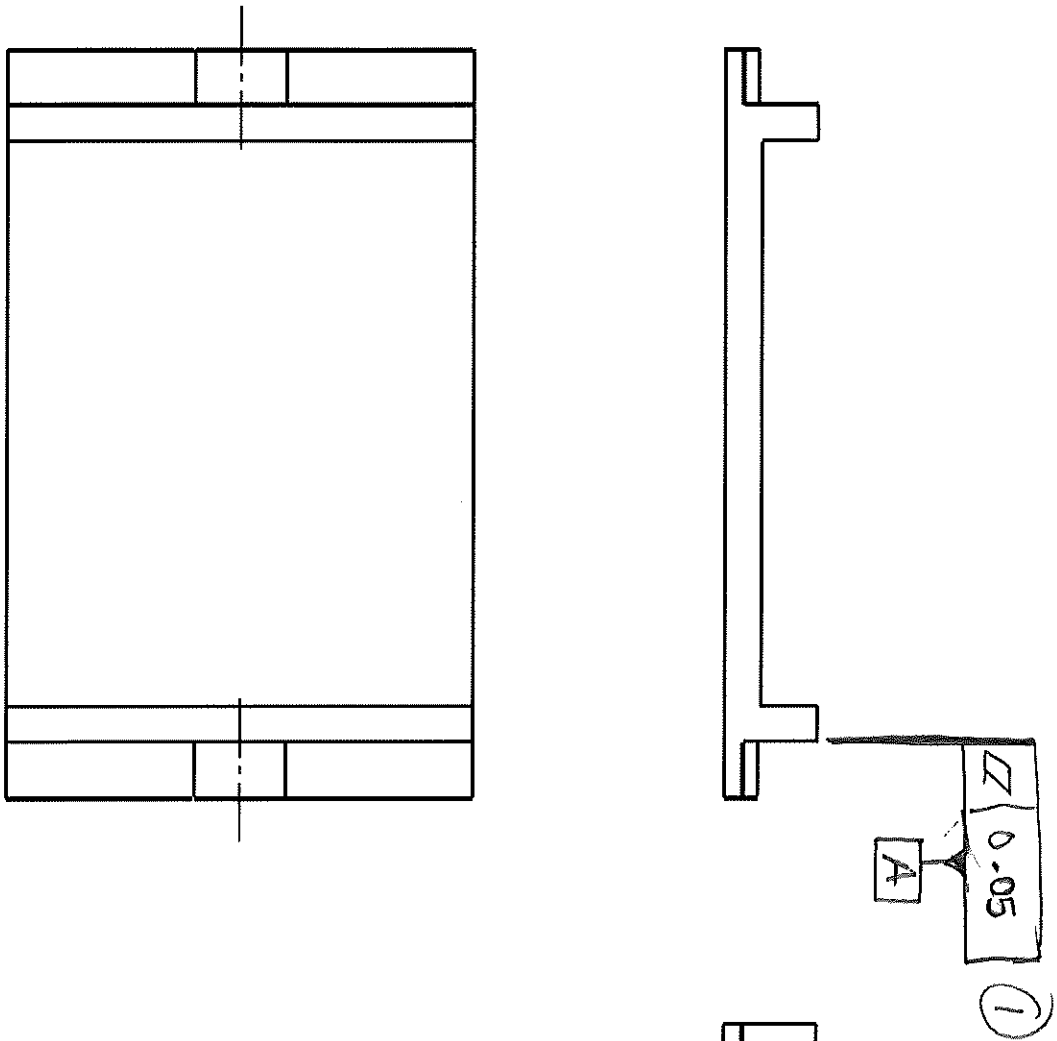
$$T_H = \frac{6.5 - 6.0}{2} = 0.25$$

slot size calculations

$$P_{max} = 0.12 \quad \text{and} \quad \frac{P_{max}}{2} = 0.06$$

\Rightarrow 0.06 for slot & 0.06 for rail
both bordering 20

\Rightarrow slot : 20.00 - 20.06 } with ZGT
Rail : 19.96 - 20.00 }



① BOTH ENDS

