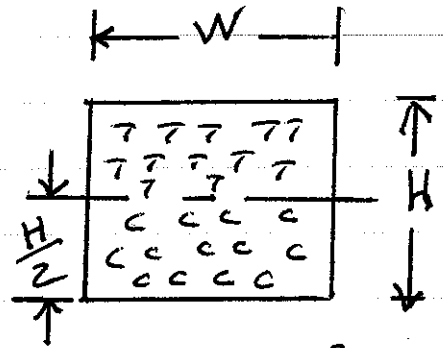
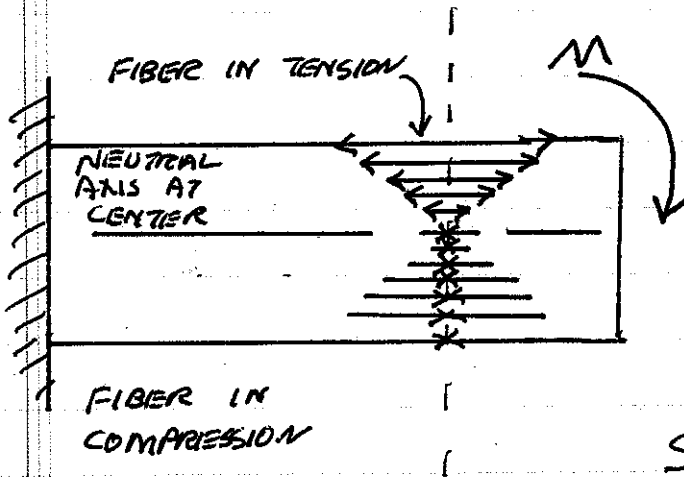
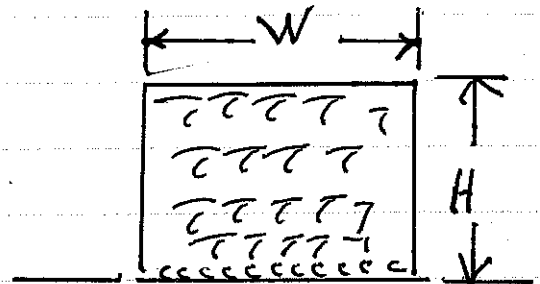
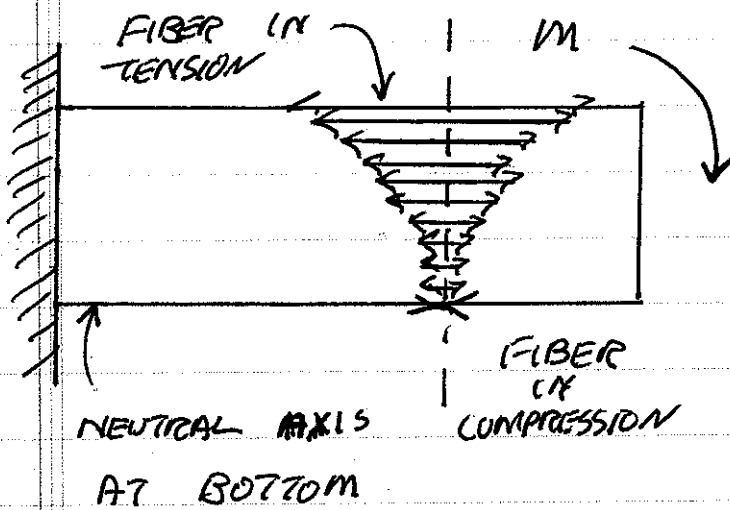


THEORETICAL



$$\text{Section Modulus} = \frac{WH^2}{6}$$

ACTUAL



$$\text{Section Modulus} = \frac{WH^2}{3}$$

SUMMARY: Section Modulus when neutral fiber is in center is $\frac{1}{2}$ SM when neutral fiber is in bottom. So, for the same torque the stress is only $\frac{1}{2}$ that predicted by theoretical $\frac{WH^2}{6}$.