

28/12/05

$$p = \frac{M}{I_y} = \frac{2280}{2900} = .79$$

$$I_y = .196 \times \frac{860 \times 440}{25.5} = 2900$$

$$\frac{\begin{array}{r} 2280 \\ 404 \\ \hline 1876 \end{array}}{2900} = .645$$

$$M = \frac{8.75^2 \times 10.5}{2} = 404$$

$$\frac{8.75^2 \times 5.5}{2} = 210$$

$$\begin{array}{l} \underline{14" \times 4"} \\ 26.75^3 = 21000 \\ 18.75^3 = 6600 \\ \hline \frac{14400 \times 14}{12 \times 21} = 808 \end{array}$$

$$\frac{210}{808} = .260$$