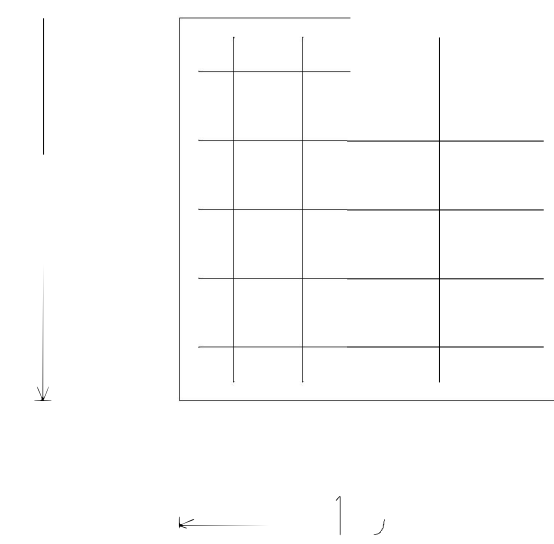
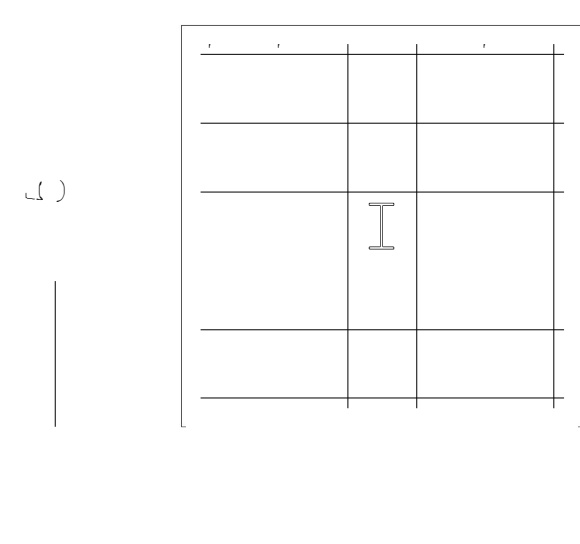
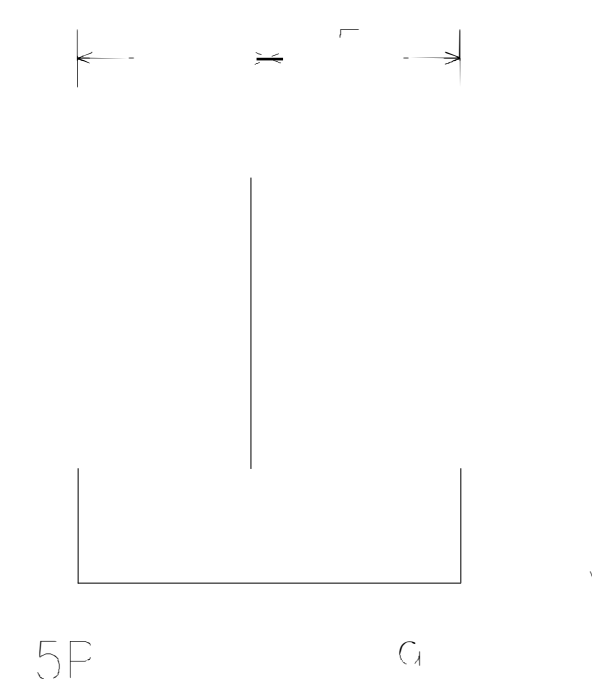
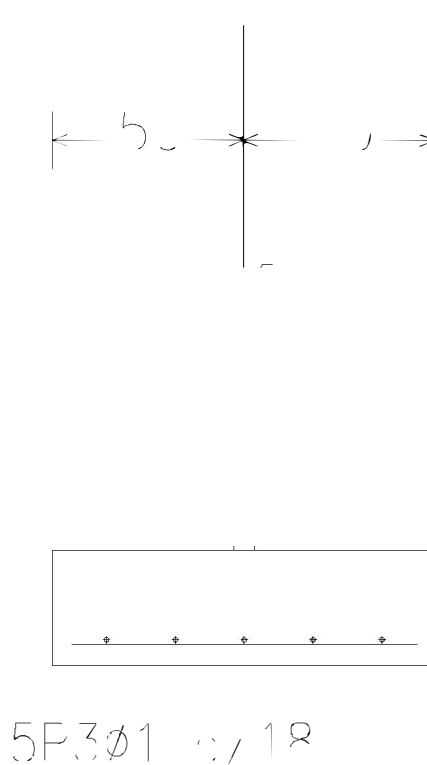
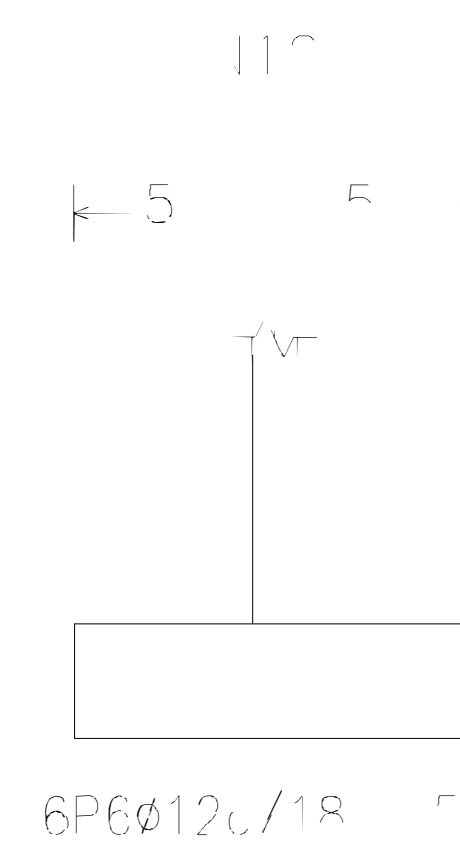
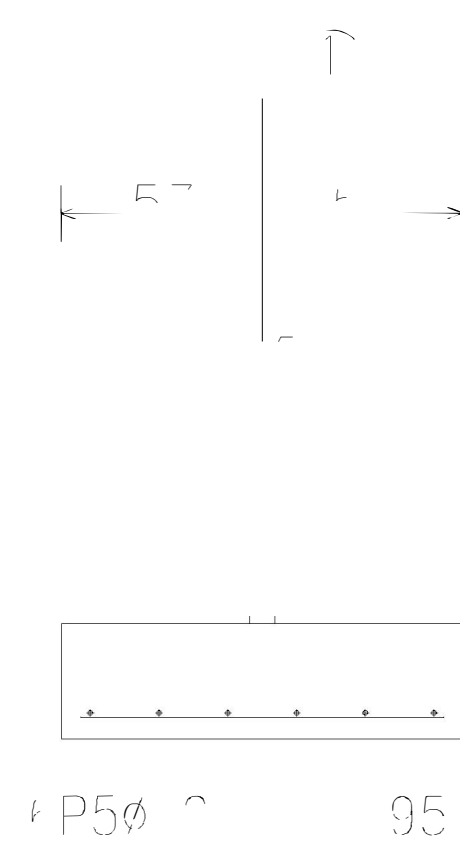
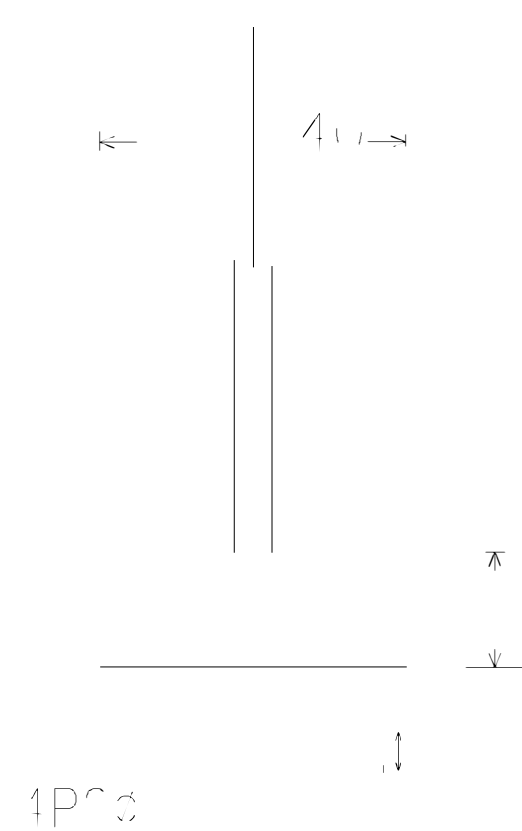




$$V = \pi r^2 h$$

$$\frac{dV}{dr} = \frac{d}{dr} (\pi r^2 h)$$

$$= \pi h \frac{d}{dr} (r^2)$$

$$= \pi h \cdot 2r$$

$$= 2\pi r h$$

