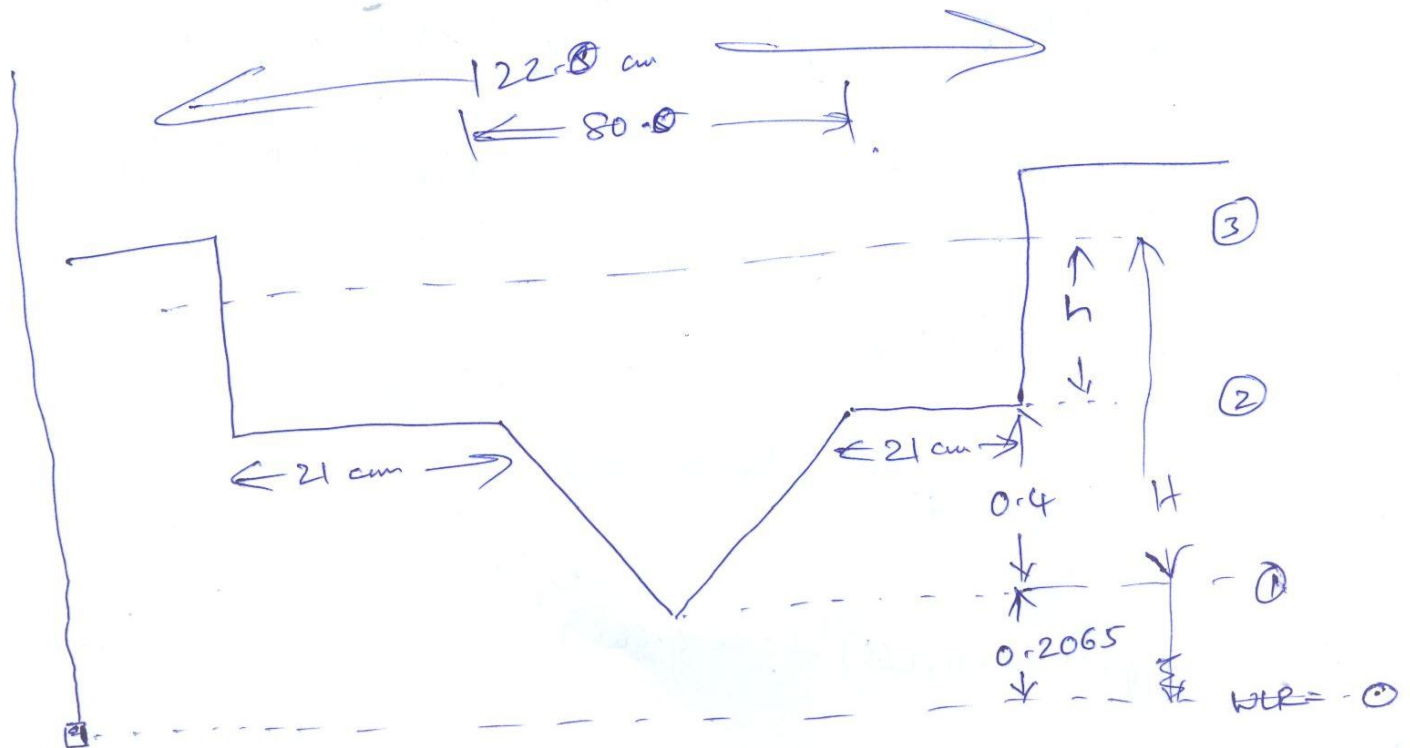


24 Nov 14



① WLR = 0.2065 ; $H = 0$

② WLR = 0.2065 + 0.4 ; $H = 0.4$ in $[WLR - 0.2065]$

③ WLR = > 0.2065 + 0.4 ; $H = [WLR - 0.2065]$

$C_u = 0.59$ $C_{rd} = 0.58$

$Q_{actual} = Q_t \times 1.09$

$$Q_t = \frac{8}{15} \cdot C_u \sqrt{2g} \left(H^{5/2} - h^{5/2} \right) + \frac{2}{3} C_{rd} \sqrt{2g} \cdot (2L) h^{3/2}$$

$$= \frac{8}{15} \times 0.59 \times 4.43 \left(H^{5/2} - h^{5/2} \right) + \frac{2}{3} \times 0.58 \times 4.43 \left(2 \times 0.21 \right) \times \left[h^{3/2} \right]$$

$$= 1.39 \times \left[H^{5/2} - h^{5/2} \right]$$

$$= \left\{ 1.39 \times \left[(WLR - 0.2065)^{2.5} - (WLR - 0.6065)^{2.5} \right] \right\}$$

$$+ \left\{ 0.719 \times (WLR - 0.6065)^{1.5} \right\}$$