

Design Of Retaining Wall With Counterfort

$$f_c' = 32 \text{ N/mm}^2$$

$$f_y = 420 \text{ N/mm}^2$$

$$\gamma_c = 24 \text{ KN/m}^3$$

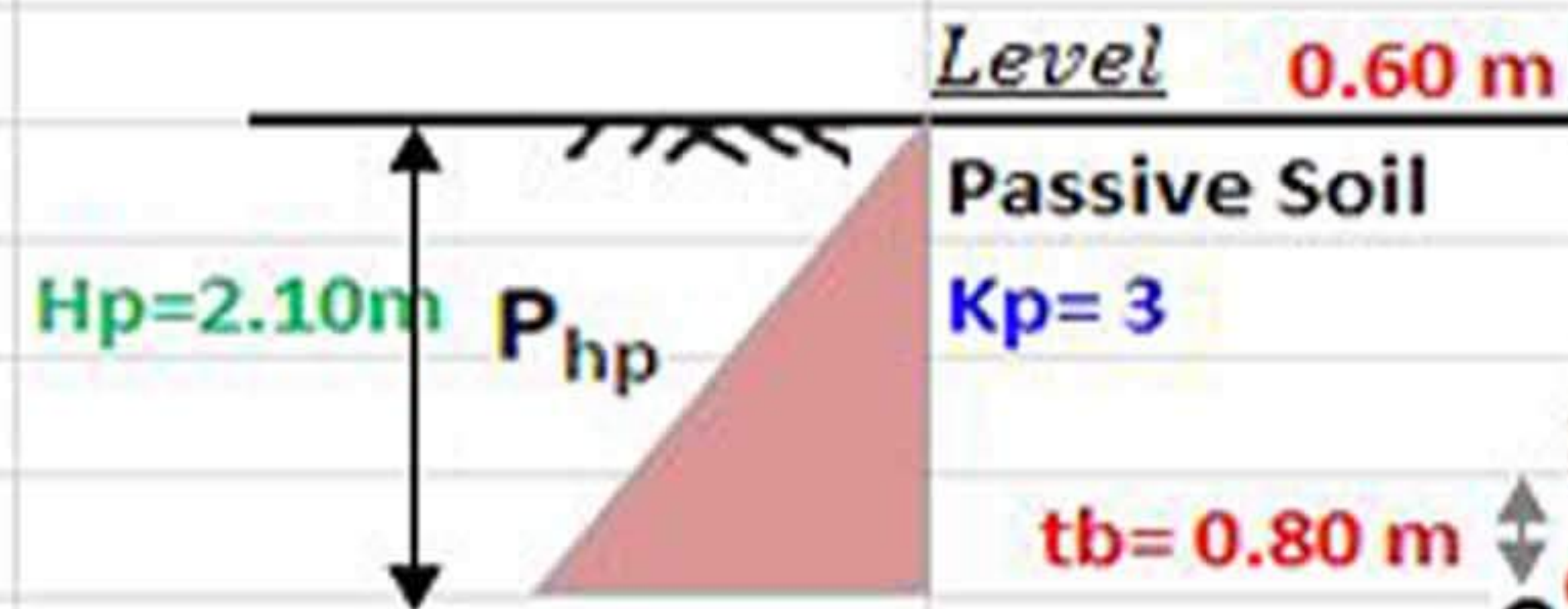
$$\mu = 0.58$$

$$q_{all} = 150 \text{ KN/m}^2$$

$$\text{Cover} = 50 \text{ mm}$$

Ignore Passive Soil **YES**

Ignore Soil wet W_s **YES**



$$t_b = 0.80 \text{ m}$$

$$t_w = 0.30 \text{ m}$$

$$LL = 5.0 \text{ KN/m}^2$$

$$\text{Level } 8.47 \text{ m}$$

Active Soil

$\gamma_s = 18 \text{ KN/m}^3$

$K_a = 0.333$

$$H = 9.97 \text{ m}$$

$$\text{Level } -1.50 \text{ m}$$

