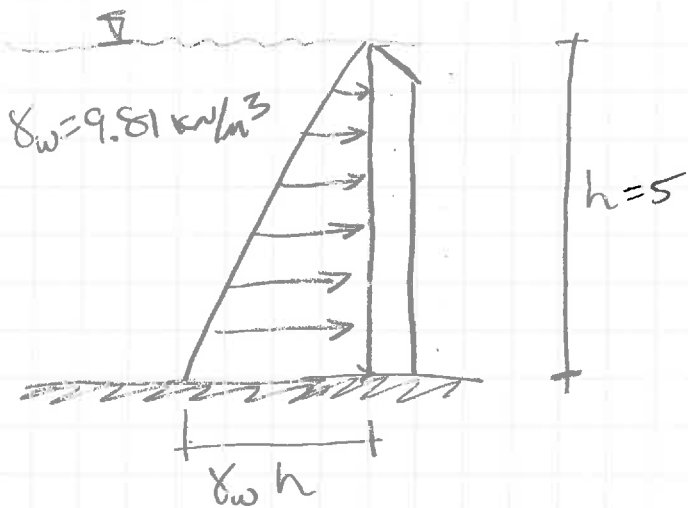


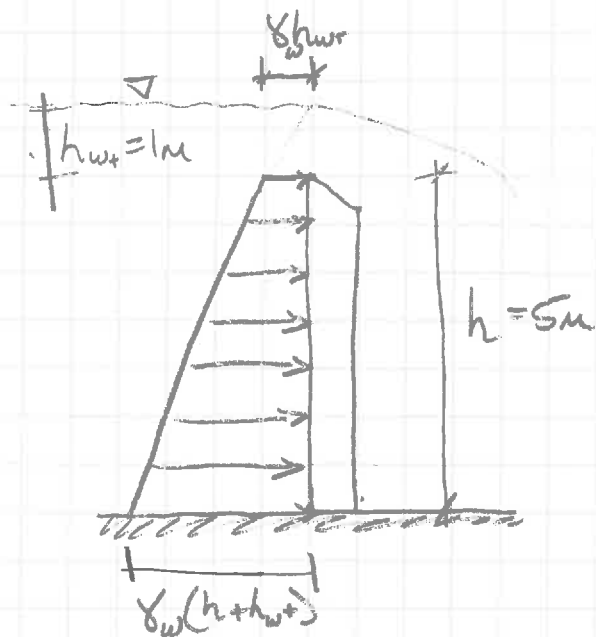
CASE 1: STANDARD SUMMER DAY



$$P_w = 0.5 \gamma h^2 = 122.625 \text{ kN}$$

@ 1.67m ABOVE TOE

CASE 2: FLOOD PERIOD



$$P = \left[\gamma_w \frac{(h_w + (h + h_w))}{2} \right] h$$

$$= 171.675 \text{ kN}$$

@ 1.905 m ABOVE TOE.