

Design Characteristics:

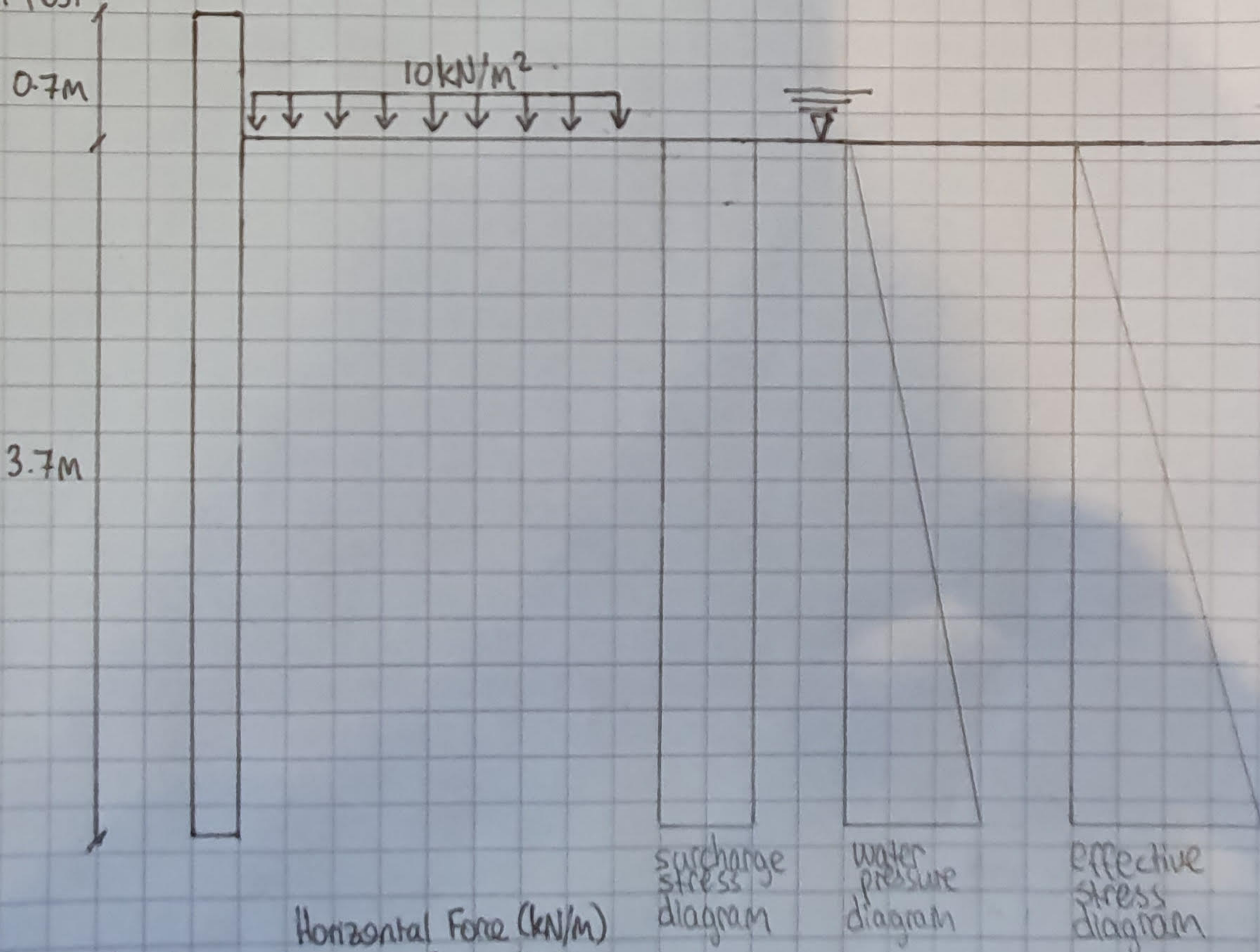
γ_s Soil unit weight = 22.5 kN/m^3 (saturated bulk weight of well graded sand - Ref BS8002)

γ_w Water unit weight = 10 kN/m^3

ϕ Soil angle of friction = 35° (medium dense - Ref EN1997-2 Annex table 5.3.2)

Surcharge = 10 kN/m^2 (HA traffic loads or typical construction loads)

K_0 at rest = $1 - \sin(35) = 0.43$



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