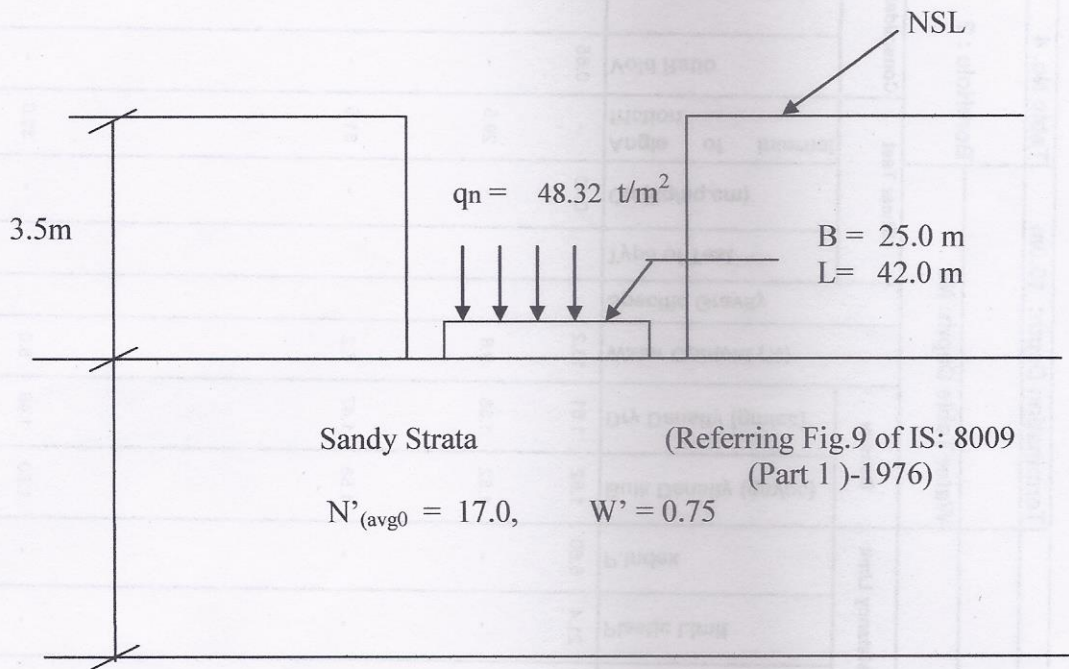


## SETTLEMENT CALCULATION SHEET



(NOT TO SCALE)

By Referring Fig. 9 of Code IS : 8009 (Part I) – 1976

For  $N = 17$  &  $W' = 0.75$

Settlement per unit pressure ( $1 \text{ kg/cm}^2$ ) = 2.8 cm

For  $q_n = 48.32 \text{ t/m}^2$

Settlement =  $2.8 \times 4.832 = 13.52 \text{ cm} > 7.5 \text{ cm}$  (Allowable Settlement)

(Hence not safe)

Sheet No. 1