

Q. (1)

Section-6

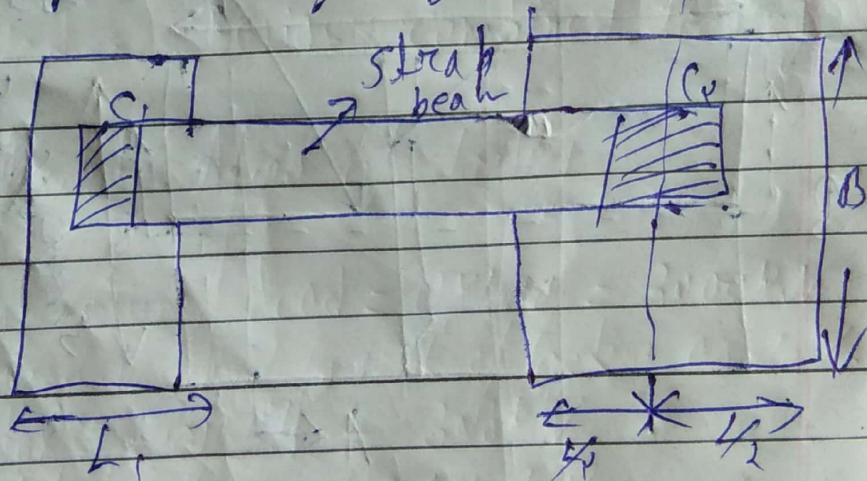
Q. (2)

Strap footing

(1)

The basic principal of design of a strap footing is that the footing areas under the column are proportioned such that the pressure under the two footing is equal and uniform and the centre of gravity.

(2) The strap beam is a rigid beam and does not transfer any load directly to the soil. It helps in transferring the load.



- (3) Check bearing strength of column and footing.
- (4) Check the depth required and design reinforcement
- (5) Check the reinforcement for footing
- (6) Calculate factored net soil pressure under the footings.