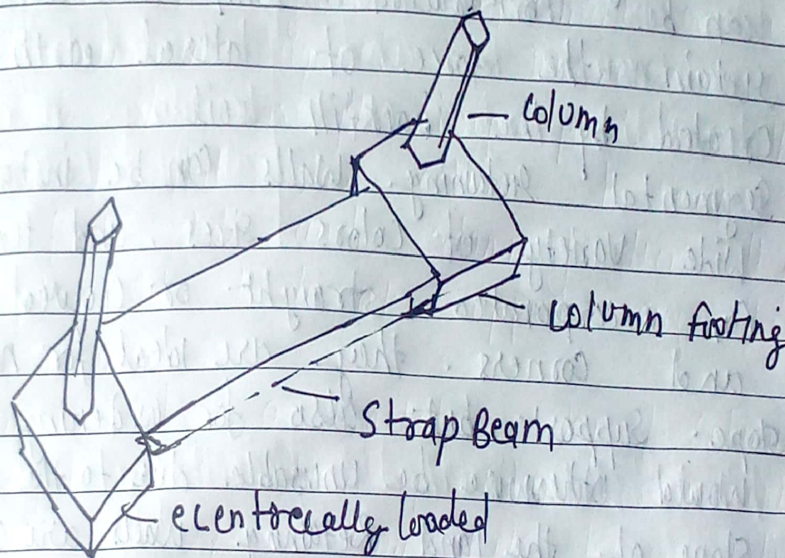


410 Strap footing — It is a component of a building's foundation. It is a type of foundation.

Combined footing.

1. Consisting two or more column footing connected by a concrete beam this type of beam is called a strap beam. It is used to help distribute the weight of either heavily or eccentrically loaded column footing to adjacent footing.



Column footing

2. A strap footing is often used in conjunction with column that are located along a building's property or lot line, typically columns are centered on column footing. But in conditions where columns are located directly adjacent to property line.
3. This results in an eccentric load on a portion of the footing, causing it to tilt to one side. The strap beam restrains the tendency of the footing to overturn by connecting it to near by footing.