

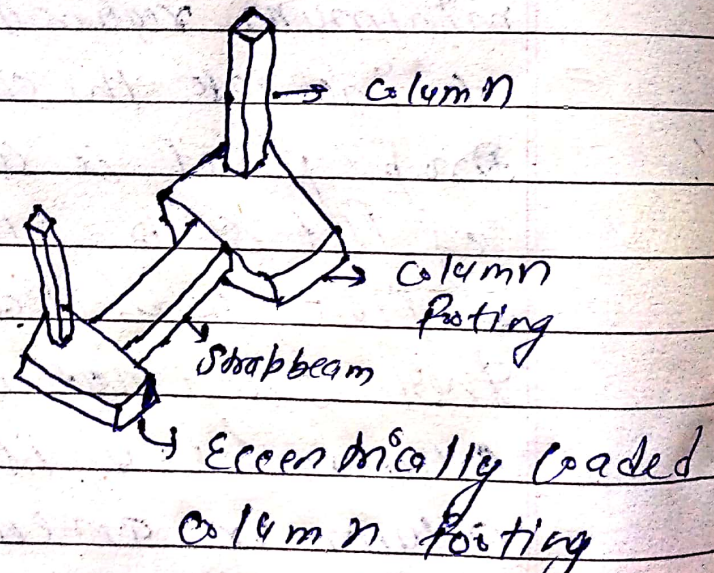
Q.2

1) Strap Footings ⇒ It is a components of a buildings

Foundation.

It is a types of foundation Combined Footing

I. Consisting two or more column footing connected by a concrete beam. This type of beam is called a strap beam. it is use to help distribute the weight of either heavily or eccentrically loaded column footing to adjacent footing



2) A strap footing is often used in conjunction with column that are located along a buildings property or lot line. Typically columns are centered on column footing, but in conditions where column are located directly adjacent to property line

Date |

Page No. |

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 nearby footing.