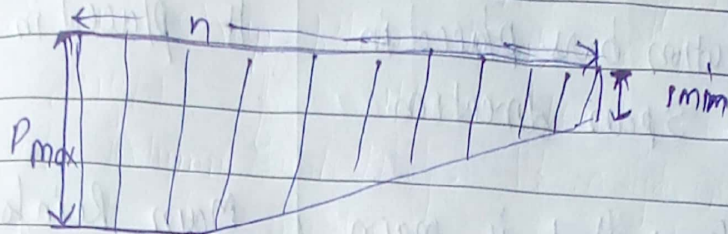


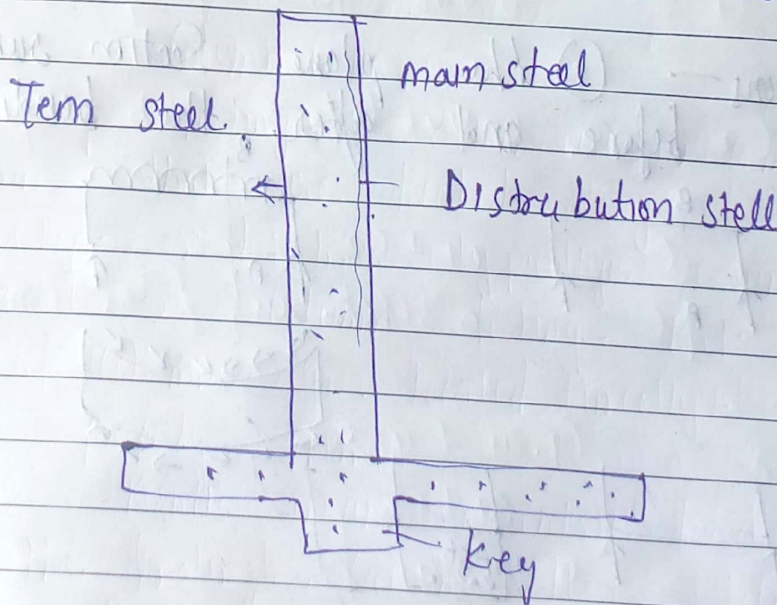
② Overturning Moment — It is equal to p_{oh} the horizontal component of earth pressure

$$P_{oh} = \frac{H}{3}$$



forces on retaining wall

③ factor of safety — A/c to clause 4.5.6 - 2000 of IS 456 - 2000 the stability of a structure as a whole against overturning shall be ensured so that the restoring moment. The vertical pressure on the soil under the base should not exceed the permissible bearing on soil.



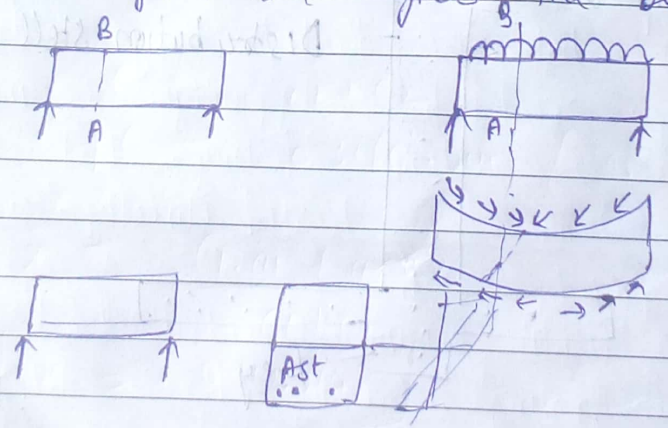
Ques ^{S10} difference b/w main bars & distribution bars in slab

Ans Difference Between main Bars & Distribution Bars

Distribution Bar	Main Bar
① Distribution bar placed on top of the main bar.	Main Reinforcement placed on the shorter direction.
② Distribution bars placed in longer span direction	It placed in shorter direction
③ We know that is main reinforcement bar and distribution reinforcement bar.	Main Reinforcement are used to transfer bending moment developed at the bottom of the

Ques 7 Limit state method of collapse :- Flexure -

Assumptions - (i) The plane section remain plane before and after the bending



- ① That means strain variation is linear is $456, 2000$.
- ② The maximum compressive strain in the