

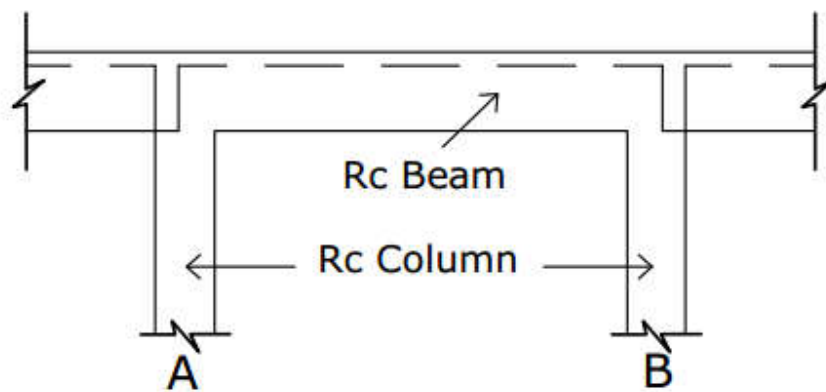
Sheet No(1)
Cracks Of Structural Elements

1) Draw the patterns of cracks of the structural elements shown in figure due to each of the following:

1-shortage in the main bottom reinforcement of span ab?

2-shortage in the shear reinforcement?

3-corrosion of reinforcements of column b?



2) Draw the patterns of cracks of the structural elements shown in figure due to each of the following:

1- shortage in the main bottom reinforcement of span s1?

2-corrosion of reinforcements of column B?

3-settlement of support (B)?

4- shortage in the main top reinforcement at zone of column(B)

