

DESIGN OF REINFORCED & CONCRETE STRUCTURES

ASSIGNMENT: 4

1. Explain various elements and their behavior of FLAT SLAB.
2. Explain the needs of drops and column heads in flat slab construction with necessary sketches
3. Explain the situations under which flat slab has to be provided. Write the limitation of direct design method used for the design of flat slab.
4. Design intermediate panel of flat slab having grid of 4m X 5m loaded with 4 kN/m² live load.

Use M 20 Fe 415.

