Description
Residential house with Typical floor and 2 parking basement. Floor its combined structure system of RC load bearing walls and column. Flat slab supporting on column h=240mm. Columns are design on the extreme situation to carry loads to the foundation 450x450 mm. 2 under ground floor for the purpose of parking. Flat slab with thickness of 240mm supported by parameter RC wall 350mm and internal column 450x450mm are design to collect the surface load and transfer it safely to the column, wall and finally to foundation parameter walls are able to resist the lateral earth pressure.

Material
Concrete C30/37
Steel B500
Cover 35mm

chosen structure system Typical floor