



Ground Plan

For the given architectural plan,
it is required to:

- 1- Design all slabs to satisfy the given loads.
- 2- Draw details of Rft. for all slabs on plan to scale 1:50.

Data:

Floor Height = 3.50 m

Residential Building

$f_{cu} = 25 \text{ MPa}$

$f_y = 400 \text{ MPa}$

F.C. = 2 kN/m^2



Aln Shams University
Faculty of Engineering
Structural Department

Design of RC (II)
Third Year Civil
2014-2015

Assignment (1)
Solid Slabs

Scale
1:50

Dwg. No.
1

Ground Plan