



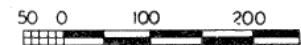
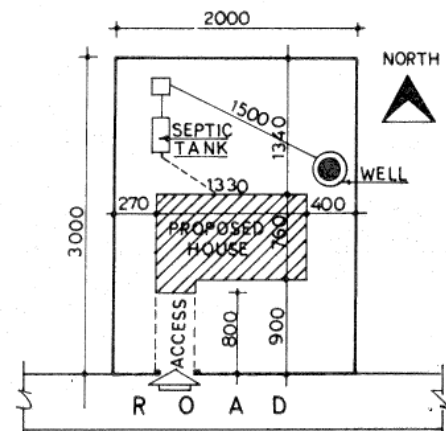
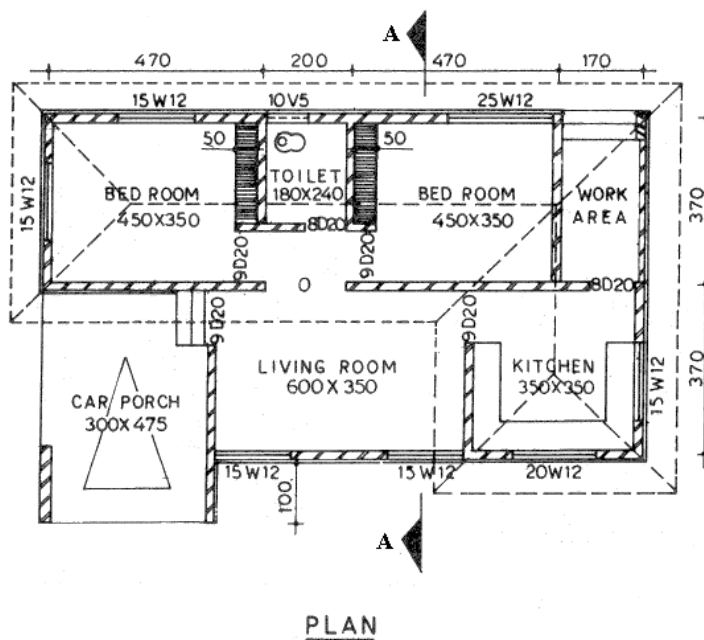
## Department of Civil Engineering National Institute of Technology Calicut

### CE4091 COMPUTER APPLICATIONS LABORATORY

#### **AutoCAD- 1**

A residence with two bed rooms, a living room, a kitchen, work area and car porch is shown in the sketch given below. Prepare detailed ground floor plan, roof plan, sectional elevation through section-AA and a front elevation with all the details labelled. The living room serve as a dining cum drawing room. The roof system is a combination of sloping tiled roof and R.C.C flat roof. Clear height between the floors is 300 cm. All dimensions shown are in centimeters. Assume any other missing data suitably. Choose appropriate scale for various detailed drawings and indicate them clearly in the drawing.

Include also the site plan drawn to a proper scale indicating all relevant dimensions including the North line.



ALL DIMENSIONS ARE IN cms