



Remarks:

**All Dimensions in metric units**

- bench mark is taken from the west south corner
- the building angle is 96 degree
- site treatment materials are illustrated in the table below

<b>A</b>	-ENGLISH GRASS 10 cm -FLATTERY LAYER 10cm -WATER PROOF LAYER -NORMAL SAND WITH HARD CORE 15 cm -GROUND LEVEL
<b>B</b>	7- cm asphalt layer -Water Proof Layer -compressed hardcore layer 25cm -Ground level
<b>C</b>	-SANDSTONE - Sand layer 10- cm compressed hardcore layer -Ground level
<b>D</b>	-False ceiling -Steel truss structure -Steel sheets 5 cm thick
<b>E</b>	20*20- Mosaic Tiles -CS Mortar 3-mm water P.M Slope 1:100 2- coats of Bitumen -R.C.C slab -Ground level
<b>F</b>	7- cm THICKNESS INTERLOCK BRICKS PAVING -D.P.C (2 LATERS) -MORTER C/S (5cm) 1:8 MIX -Normal sand -P.C. 10 cm -HARDCORE -Ground level
<b>G</b>	-PLANTS -GROWING MEDIA -GEOTEXTILE (FILTER GRADE FAPRIC) -FLOWENT POLYETHYLENE DRAINAGE MESH MOISTURE RETENTION - ROOT BARRIER 3-cm PAVERS TO PROTECT WATERPROOF LAYER 2-cm SAND LAYER 2 - LAYERS HEAT-WELDED BITUMINOUS WATERPROOF MEMBRANE -PLAIN CONCRETE 10 cm 20- cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB

**SITE PLAN :**  
**Treatment & Measurements**

Sudan University of Science & Technology  
College of Architecture & Planning  
5<sup>th</sup> Year  
Psychiatric Treatment Center  
Working Drawing  
Designed By :Ghada Ahmed Hashim  
Supervision: Pr.Saoud Sadig

**SITE PLAN :**  
**Scale : 1:400** **Treatment & Measurements**