

Remarks:

All Dimensions in metric units WINDOWS

Win. Num.	HEIGHT	WIDTH	TYPE	MATERIAL
W1	1.50	1.20	HORIZONTALLY PIVOT	ALUMINIUM
W2	1.00	1.20	VERTICAL PIVOT	ALUMINIUM
W3	1.00	1.00	NO REVEAL	ALUMINIUM

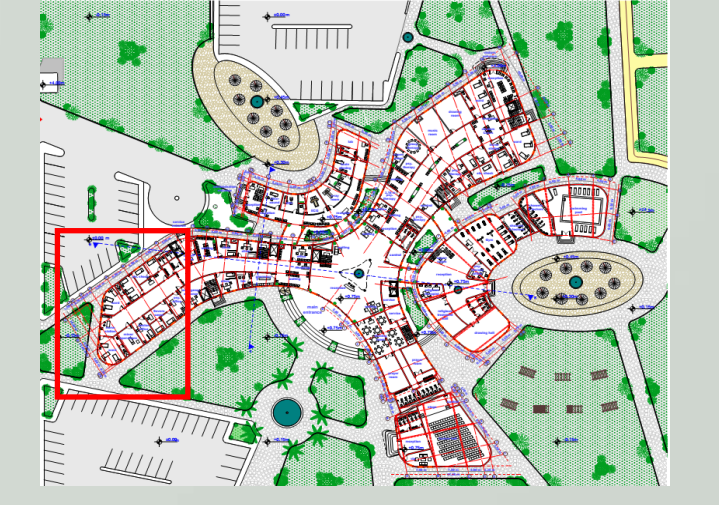
DOORS

Door Num.	HEIGHT	WIDTH	TYPE	MATERIAL
D1	2.20	1.00	SINGLE HINGED	WOOD
D2	2.20	1.00	SINGLE HINGED DOUBLE ACTING	WOOD
D3	2.20	1.00	SINGLE HINGED	WOODEN FRAME WITH SPONGE FILLING WITH LEATHRE COVER
D4	2.20	0.80	SINGLE HINGED	ALUMINIUM WITH RUBBER SHEET COVER
D5	2.20	2.40	SLIDING DOOR (4 SIDES 2 SLIDING)	ALUMINIUM
D6	2.00	0.70	SINGLE HINGED	ALUMINIUM WITH SILVER CLADEN COVER

FLOOR CEILING

Floor	FLOOR	CEILING
F1	-SPANISH CERAMIC NON SLIP TILES 60*60*3 cm -2-cm C/S MORTAR 1:8 mix -D.P.C. 2 BITUMINOUS LAYERS -20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -PLAIN CONCRETE 10 cm -NORMAL SAND 10 cm -HARD CORE 0.50 cm -NATURAL SOIL	C1 20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -FALSE CEILING 60*60cm*2cm BOARDS
F2	-2-cm LINOLEUM CARPET -ADHESIVE LAYER OF GLUE 1cm -2-cm CORK LAYER -20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -PLAIN CONCRETE 10 cm -NORMAL SAND 10 cm -HARD CORE 0.50 cm -NATURAL SOIL	C2 20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -ALUMINIUM FALSE CEILING TILES 60*60cm*2cm
F3	-RUBBER TILES 2cm 30*30cm -ADHESIVE LAYER OF GLUE 1cm -2-cm C/S MORTAR 1:8 mix -D.P.C. 2 BITUMINOUS LAYERS -20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -PLAIN CONCRETE 10 cm -NORMAL SAND 10 cm -HARD CORE 0.50 cm -NATURAL SOIL	C3 20-cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB -FIBER FALSE CEILING TILES 60*60cm*1.5cm

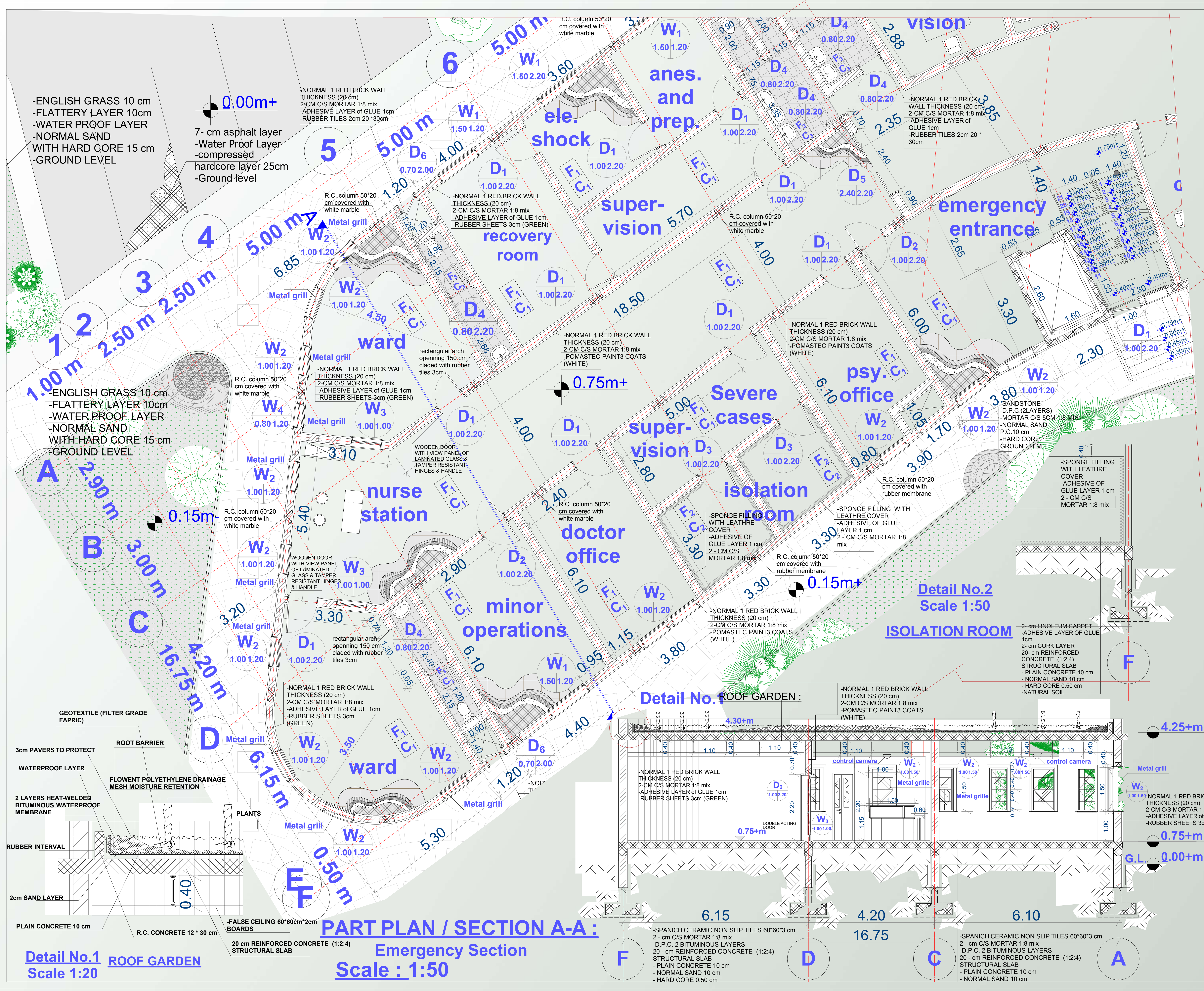
Key Plan : Ground Floor Plan



PART PLAN / SECTION : Emergency Section

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

Scale : 1:50 Sheet No. 16



PART PLAN / SECTION A-A :
Emergency Section
Scale : 1:50

Detail No.1
Scale 1:20
ROOF GARDEN

Detail No.2
Scale 1:50
ISOLATION ROOM

Detail No.3
Scale 1:50
ROOF GARDEN

-ENGLISH GRASS 10 cm
-FLATTERY LAYER 10cm
-WATER PROOF LAYER
-NORMAL SAND WITH HARD CORE 15 cm
-GROUND LEVEL

7- cm asphalt layer
-Water Proof Layer
-compressed hardcore layer 25cm
-Ground level

0.00m+

-NORMAL 1 RED BRICK WALL THICKNESS (20 cm)
-2-CM C/S MORTAR 1:8 mix
-ADHESIVE LAYER OF GLUE 1cm
-RUBBER SHEETS 2cm 20 *30cm

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-FLATTERY LAYER 10cm
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-NORMAL SAND WITH HARD CORE 15 cm
-GROUND LEVEL

GEOTEXTILE (FILTER GRADE FABRIC)

3cm PAVERS TO PROTECT

WATERPROOF LAYER

2 LAYERS HEAT-WELDED BITUMINOUS WATERPROOF MEMBRANE

RUBBER INTERVAL

2cm SAND LAYER

PLAIN CONCRETE 10 cm

R.C. CONCRETE 12 * 30 cm

-FALSE CEILING 60*60cm*2cm BOARDS

20 cm REINFORCED CONCRETE (1:2:4) STRUCTURAL SLAB

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