



**PART SECTION E-E : X-Ray room**  
**Scale : 1:50**

**Remarks:**  
**All Dimensions in metric units**  
**WINDOWS**

HEIGHT	WIDTH	TYPE	MATERIAL
W1	1.50	HORIZONTALLY PIVOT	ALUMENIUUM
W2	1.00	VERTICAL PIVOT	ALUMENIUUM
W3	1.00	NO REVEAL	ALUMENIUUM

**DOORS**

HEIGHT	WIDTH	TYPE	MATERIAL
D1	2.20	SINGLE HINGED	WOOD
D2	2.20	SINGLE HINGED	WOOD
D3	2.20	SINGLE HINGED	WOODEN FRAME WITH SPONGE FILLING WITH LEATHRE COVER
D4	2.20	SLIDING DOOR (2 SLIDING SIDES)	ALUMENIUUM
D5	2.20	DOUBLE HINGED	WOOD
D6	2.00	SINGLE HINGED	ALUMENIUUM WITH SILVER CLADEN COVER

FLOOR	CEILING
F1 -SPANISH CERAMIC NON SLIP TILES 60*60*3 cm -2-cm C/S MORTAR 1:8 mix -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 -SKALYOLA CERAMIC NON SLIP TILES 20*20*2 cm -2-cm C/S MORTAR 1:8 mix -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	C2 -20-cm REINFORCED CONCRETE (1:2:4) -STRUCTURAL SLAB -FIBER FALSE CEILING TILES 60*60cm*1.5cm
F3 -SPANISH CERAMIC NON SLIP TILES 60*60*3 cm -2-cm C/S MORTAR 1:8 mix -LEAD SHEETS FIXED TO 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 -Lead-lined blocks 60*60cm*2cm

**Key Plan : Ground Floor Plan**



**PART PLAN / SECTION : Diagnostic Section**  
**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**  
**Scale : 1:50**      **Sheet No. 17**

**PART PLAN : Diagnostic Section**  
**Scale : 1:50**