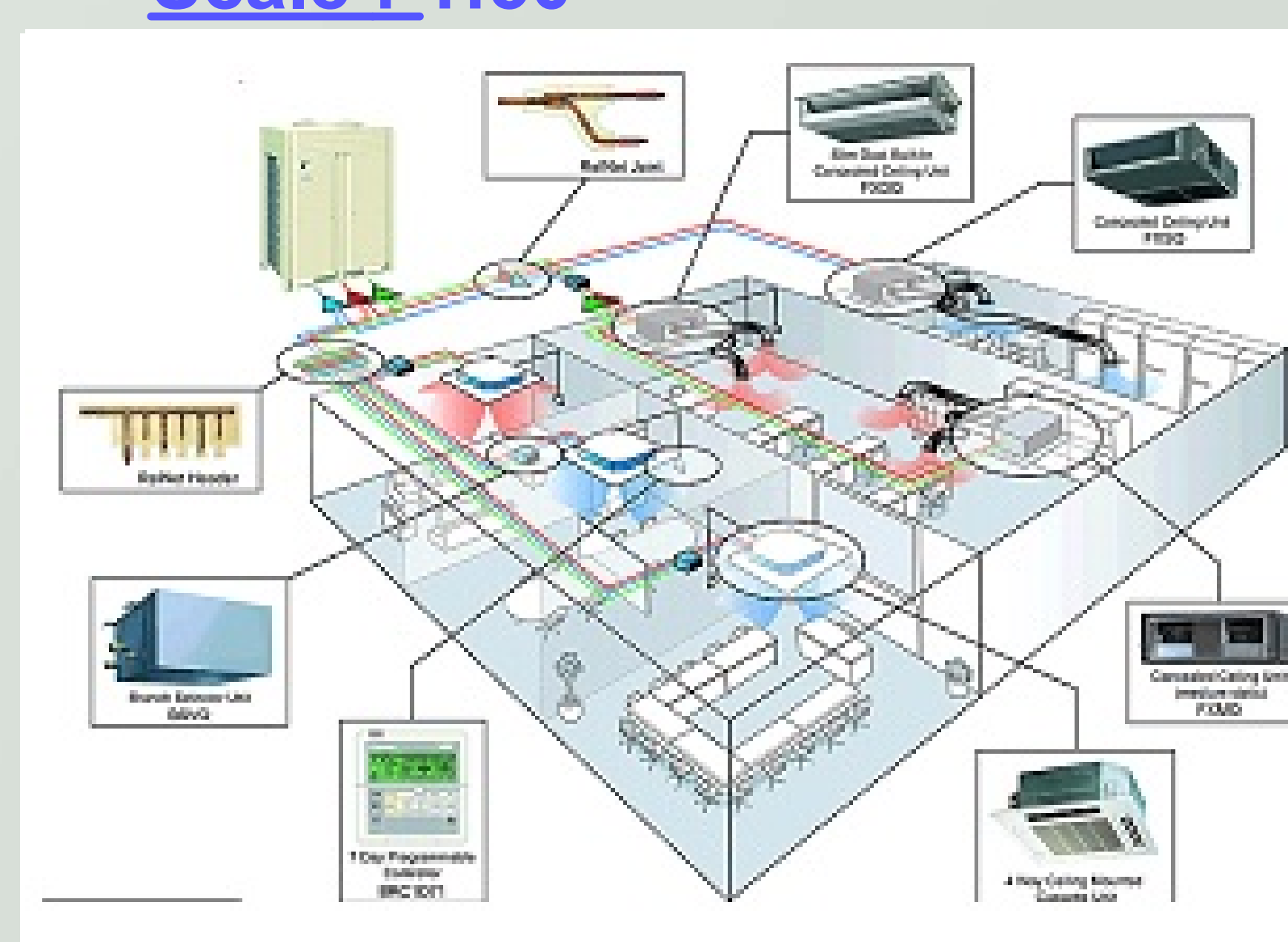


PART SECTION C-C : Four Bedded Wards
Scale : 1:50



PART PLAN : Four Bedded Wards
Scale : 1:50

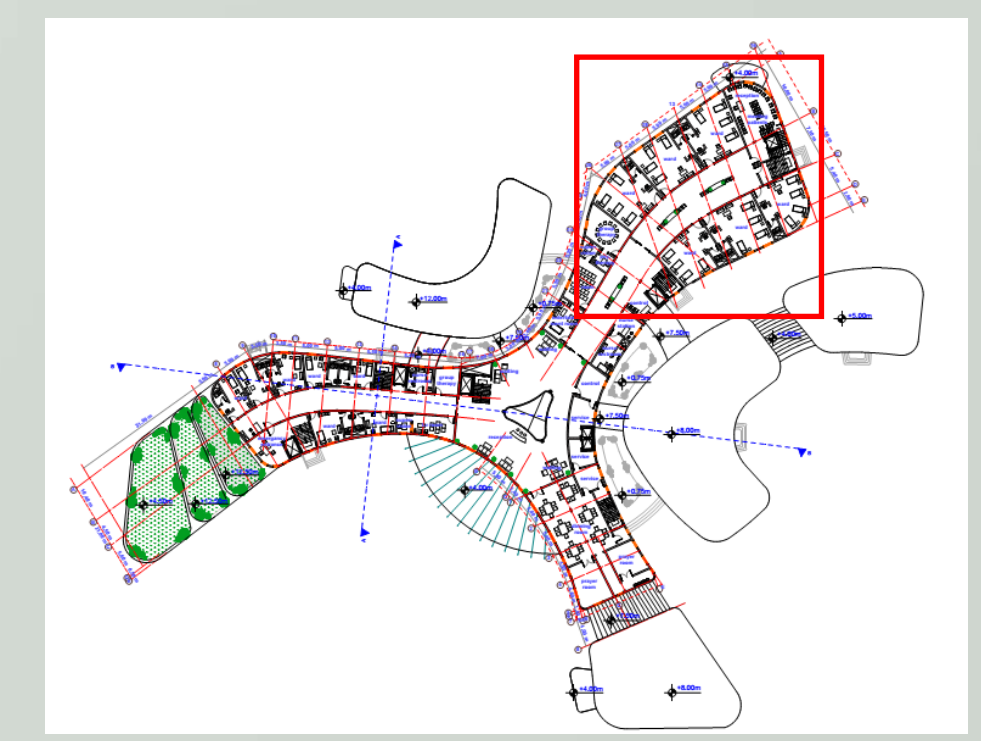
Remarks:
All Dimensions in metric units

- ▶ The drawing illustrates fire fighting , air conditioning & light systems .
- ▶ when a fire detector is broken by heat it opens the valve of the sprinkler so the pressurised water come through .
 - ▶ the system used for air conditioning is vrv which only cools the air & fresh air depends on opening doors & windows .
 - ▶ the indoor unit supply pipe contains 2 copper ducts which carries in & out the refrigerant gas .

	VRV indoor unit cassette type
	Fluorescent ceiling light
	Indoor unit supply duct from out door unit
	Sprinkler
	Sprinklers water supply pipe
	Alarm & fire extinguisher
	Addressable manual break call point
	Fire fighting control panel
	Fire alarm control panel
	Smoke detector
	Camera control
	FE13 cylinder

PART PLAN / SECTION :
 Four Bedded Wards

Key Plan : Ground Floor Plan



Fire Fighting , Air Conditioning & Lighting Systems

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. 20