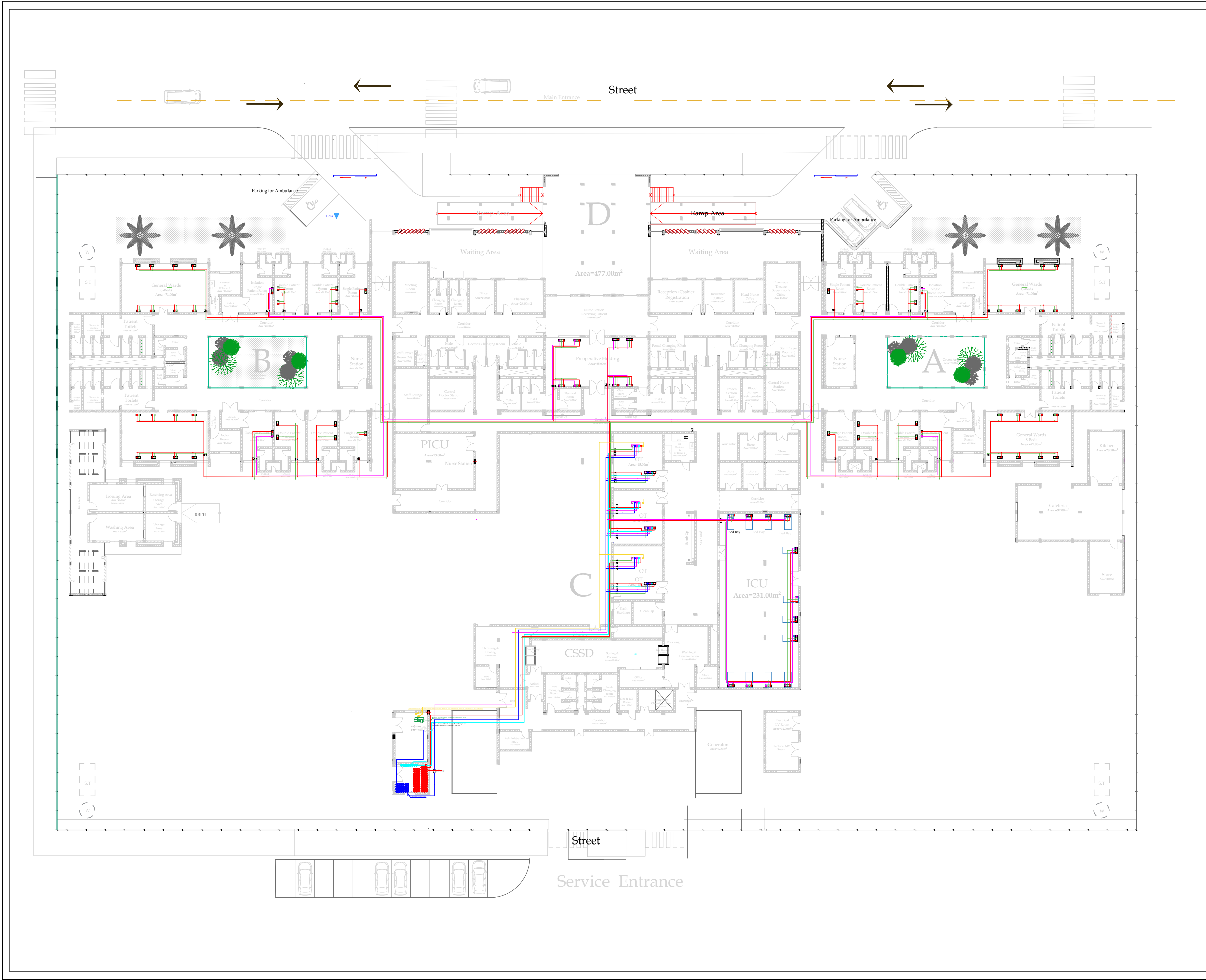


GSU Phase 1 Part 1&2 Medical Gas Drawings



GENERAL NOTES

- 1- All Dimensions are in Millimeters unless otherwise stated.
- 2- The drawings included are just schematic representation of the works, and the Contractor shall prepare shop drawings detailing the works, specifications, sizes and locations including the method statement for approval of the UNOPS site Engineer in the course of renovation of the project"

GRAPHIC LEGEND: Medical gas		
Primary	Secondary	Description
—	—	Oxygen Piping - O2
—	—	Nitrogen Protoxide Piping - N2O
—	—	Medicated Compressed Air Piping - AM (5.0 bar)
—	—	Medicated Compressed Air Piping - AMT (7.0 bar)
—	—	Medical Vacuum
—	—	ASG (Anaesthetic Gas Scavenging System)
●	●	Oxygen OutletSocket - O2
●	●	Nitrogen Protoxide OutletSocket - N2O
●	●	Medicated Compressed Air OutletSocket - AM (5.0 bar)
●	●	Medicated Compressed Air OutletSocket - AMT (7.0 bar)
●	●	Gutter OutletSockets
●	●	Alarm point
□	□	2nd reduction cabinet
□	□	Shut off valve without box
□	□	Box shut off valve
□	□	Secondary shut off valve without box
□	□	Secondary box shut off valve
□	□	Measurement
□	□	Central Gases Station

KEY PLAN

4			Drawn	Chkd.
3				
2				
1				
0				
No.	Description	Date	Revisions	

PROJECT TITLE:

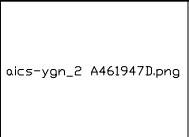
KASSALA HEALTH CITADEL
GENERAL SURGICAL UNIT

CLIENT:



MINISTRY OF HEALTH
GOVERNMENT OF SUDAN

DONOR:



ITALIAN AGENCY FOR DEVELOPMENT
COOPERATION (AICS)

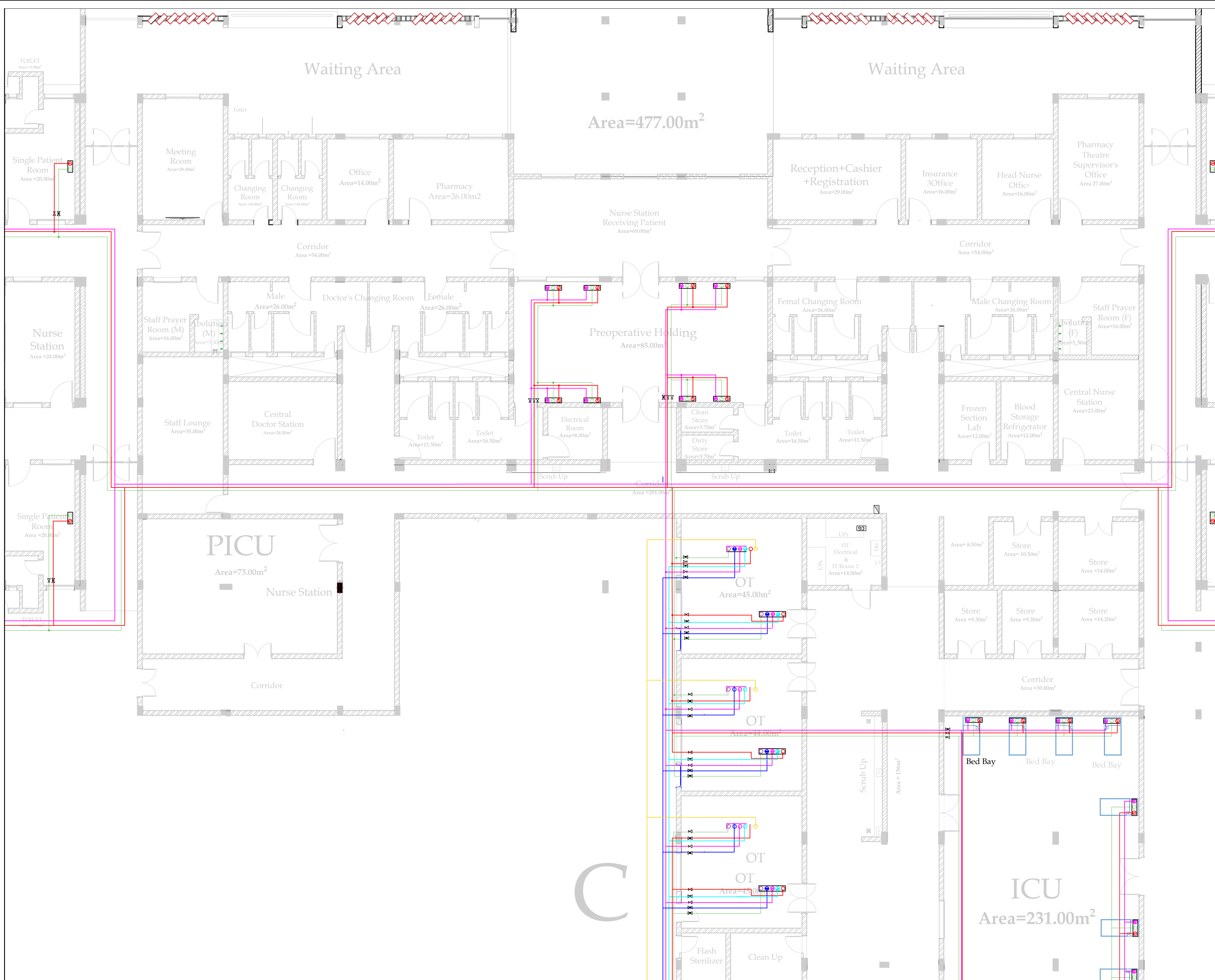
IMPLEMENTED BY :



Drawing Title:

MEDICAL GAS
General layout

Project No.	Date:	
	December-2021	
Org.Sheet Size:	Scale:	
A2	1:100	
Sheet No.	Rev. No.	
MG.1	02	



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GRAPHIC LEGEND: Medical gas	
Primary	Secondary

KEY PLAN

4		
3		
2		
1		
0		
No	Description	Date

Revisions

PROJECT TITLE:

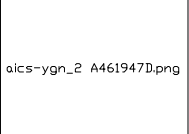
KASSALA HEALTH CITADEL
GENERAL SURGICAL UNIT

CLIENT:



MINISTRY OF HEALTH
GOVERNMENT OF SUDAN

DONOR:



ITALIAN AGENCY FOR DEVELOPMENT
COOPERATION (AICS)

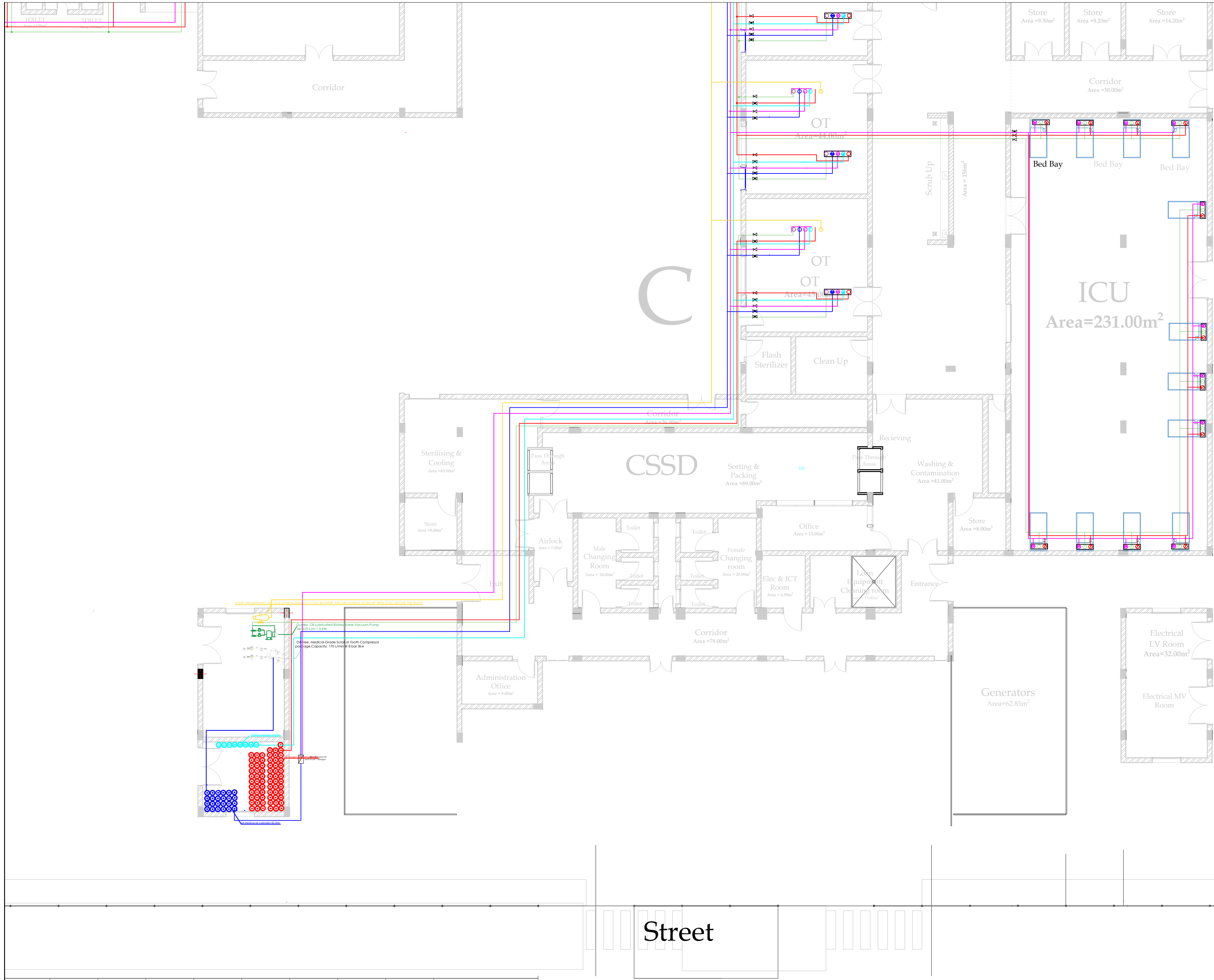
IMPLEMENTED BY:



Drawing Title:

MEDICAL GAS-Block C& D

Project No.	Date:	
	December-2021	
Org.Sheet Size:	Scale:	
A2	1:100	
Sheet No.	Rev. No.	
MG.3	02	



GENERAL NOTES

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GRAPHIC LEGEND: Medical gas		
Symbol	Secondary	Description
	Primary	Oxygen Piping - O2
	Secondary	Nitrogen Peroxide Piping - N2O
	Secondary	Medical Compressed Air Piping - AM (4.0 bar)
	Secondary	Medical Compressed Air Piping - AM (7.2 bar)
Medical vacuum		
	Secondary	ACSS (Anaesthetic Gas Scavenging System)
	Secondary	Nitrogen Outlets/Socket - N2
	Secondary	Nitrogen Peroxide Outlets/Socket - N2O
	Secondary	Medical Compressed Air Outlets/Socket - AM (4.0 bar)
	Secondary	Medical Compressed Air Outlets/Socket - AM (7.2 bar)
	Secondary	Gutter Outlets/Socket
	Secondary	Alarm panel
	Secondary	Fire reduction cabinet
	Secondary	Shut off valve without box
	Secondary	Box shut off valve
	Secondary	Secondary shut off valve without box
	Secondary	Secondary box shut off valve
	Secondary	Manometer
	Secondary	Control Gas Station

KEY PLAN

4			Drawn	Chkd.
3				
2				
1				
0				
No.	Description:	Date		

Revisions

PROJECT TITLE:

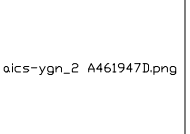
KASSALA HEALTH CITADEL
GENERAL SURGICAL UNIT

CLIENT:



MINISTRY OF HEALTH
GOVERNMENT OF SUDAN

DONOR:



ITALIAN AGENCY FOR DEVELOPMENT
COOPERATION (AICS)

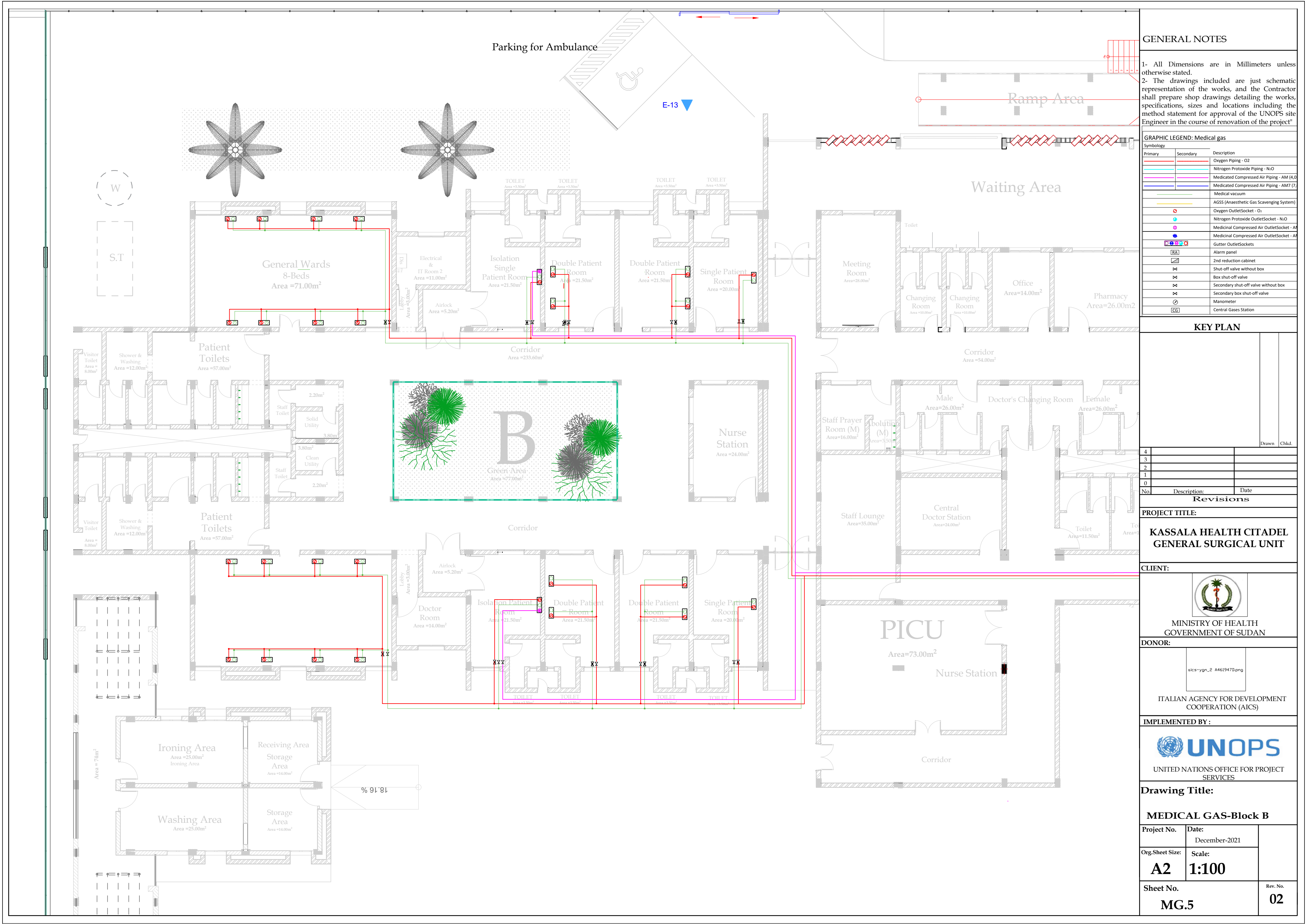
IMPLEMENTED BY :



UNITED NATIONS OFFICE FOR PROJECT
SERVICES

Drawing Title:
MEDICAL GAS-CSSD and
Medical Gas Room

Project No.	Date:	
	December-2021	
Org.Sheet Size:	Scale:	
A2	1:100	
Sheet No.	Rev. No.	
MG.4	02	



GENERAL NOTES

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GRAPHIC LEGEND: Medical gas

Symbology		Description
Primary	Secondary	
		Oxygen Piping - O2
		Nitrogen Protioxide Piping - N2O
		Medicated Compressed Air Piping - AM (4,0)
		Medicated Compressed Air Piping - AM7 (7,0)
		Medical vacuum
		AGSS (Anaesthetic Gas Scavenging System)
		Oxygen OutletSocket - O2
		Nitrogen Protioxide OutletSocket - N2O
		Medicinal Compressed Air OutletSocket - AM
		Medicinal Compressed Air OutletSocket - AM7
		Gutter OutletSockets
		Alarm panel
		2nd reduction cabinet
		Shut-off valve without box
		Box shut-off valve
		Secondary shut-off valve without box
		Secondary box shut-off valve
		Manometer
		Central Gases Station

KEY PLAN

		Drawn	Chkd.
4			
3			
2			
1			
0			
No.	Description	Date	

Revisions

PROJECT TITLE:

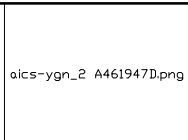
KASSALA HEALTH CITADEL
GENERAL SURGICAL UNIT

CLIENT:



MINISTRY OF HEALTH
GOVERNMENT OF SUDAN

DONOR:



ITALIAN AGENCY FOR DEVELOPMENT
COOPERATION (AICS)

IMPLEMENTED BY:



Drawing Title:

MEDICAL GAS-Block B

Project No.	Date:	
	December-2021	
Org.Sheet Size:	Scale:	
A2	1:100	
Sheet No.	Rev. No.	
MG.5	02	

