



ASEC OFFICE

4- St - Mohamed Meklaad
Nasr City - Cairo - Egypt

002 - 0109 34 6 06 18
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mep.team@asec.work
ahmedshuhayb6@gmail.com

<https://asec.work/>

PROJECT NAME

CLIENT NAME
HASSAN WAHEED

GENERAL CONSULTANT

GENERAL CONTRACTOR

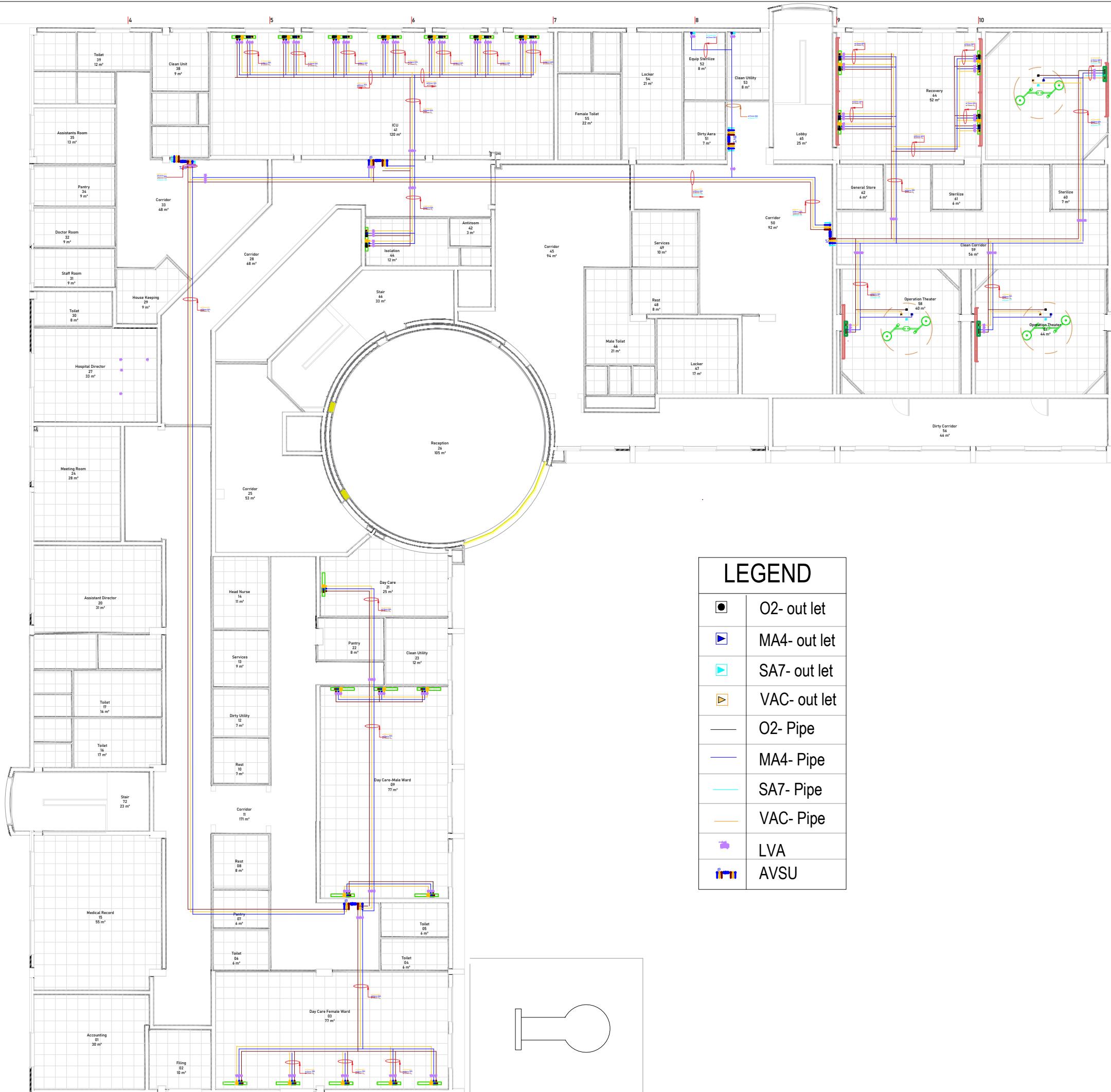
SHEET TITLE

DESIGN BY
AHMED ATA

CHECKED BY
HASSAN WAHEED

CALE | SHEET NO

DATE



LEGEND

	O2- out let
	MA4- out let
	SA7- out let
	VAC- out let
—	O2- Pipe
—	MA4- Pipe
—	SA7- Pipe
—	VAC- Pipe
	LVA
	AVSU



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AHMED SHUHAYP

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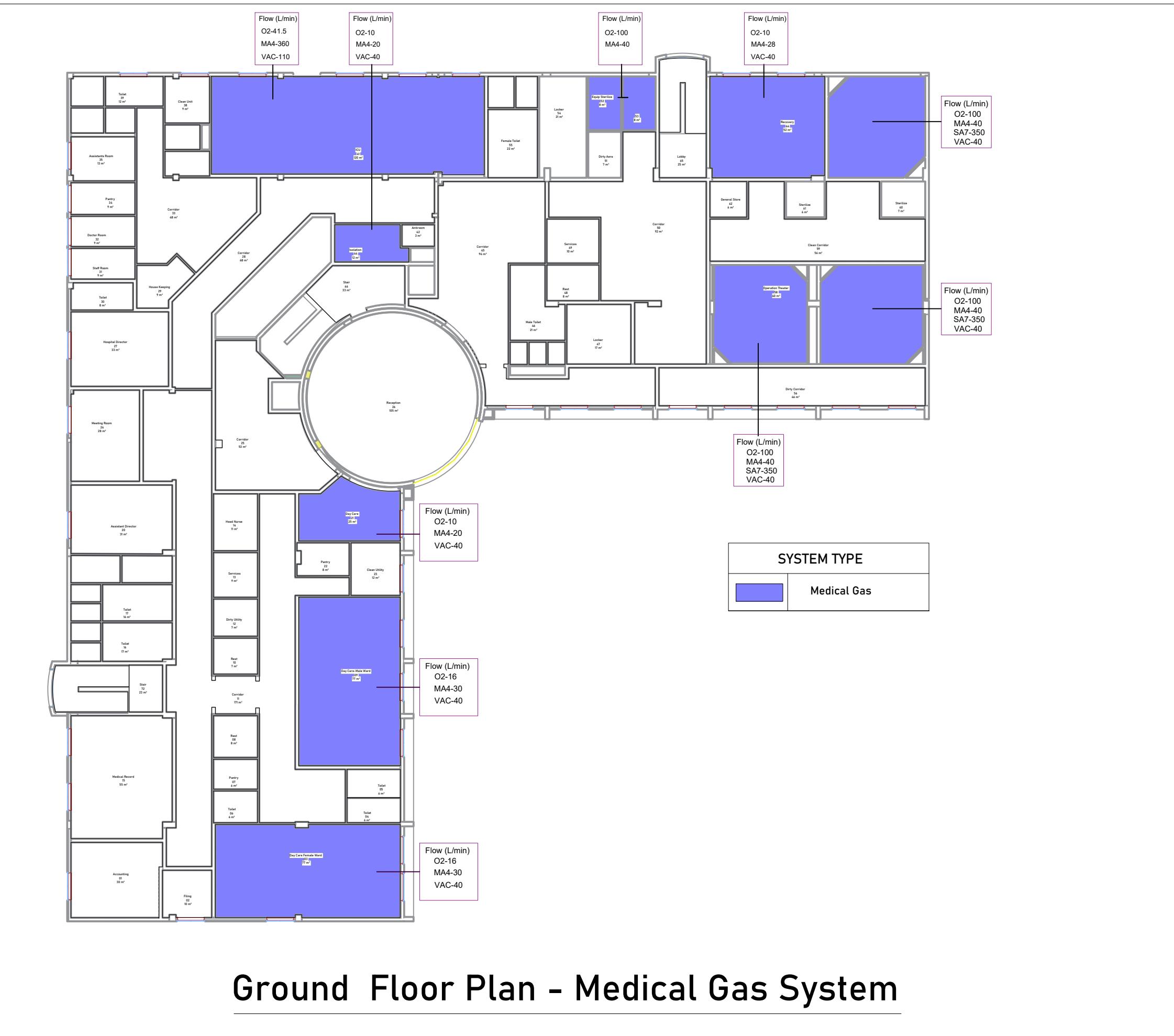
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PROJECT NAME

MEDICAL

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AHMED ATA

GENERAL CONSULTANT

AHMED SHUHAYP

GENERAL CONTRACTOR

HASSAN WAHEED

SHEET TITLE

Medical

DESIGN BY

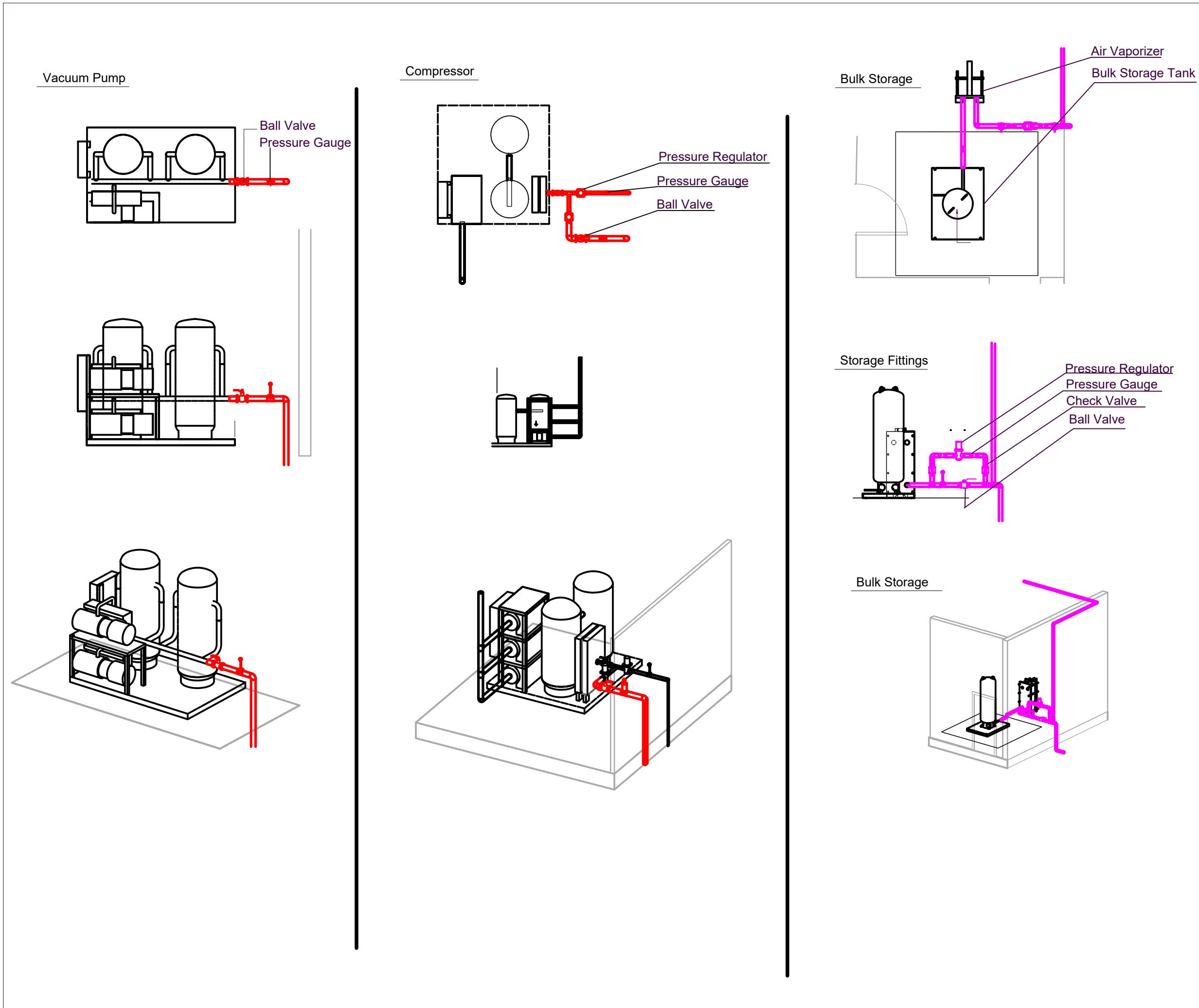
AHMED ATA

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02 - Secondary Liquid 02- Third

MA Third
(4-7)bar
2-Bank
N.of -48

Gases Room
76
115 m²

LEGAND

VACUUM PUMPS SET



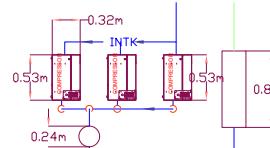
LIQUID OXYGEN BULK STORAGE



LIQUID OXYGEN CYLINDER



MEDICAL AIR COMPRESSORS



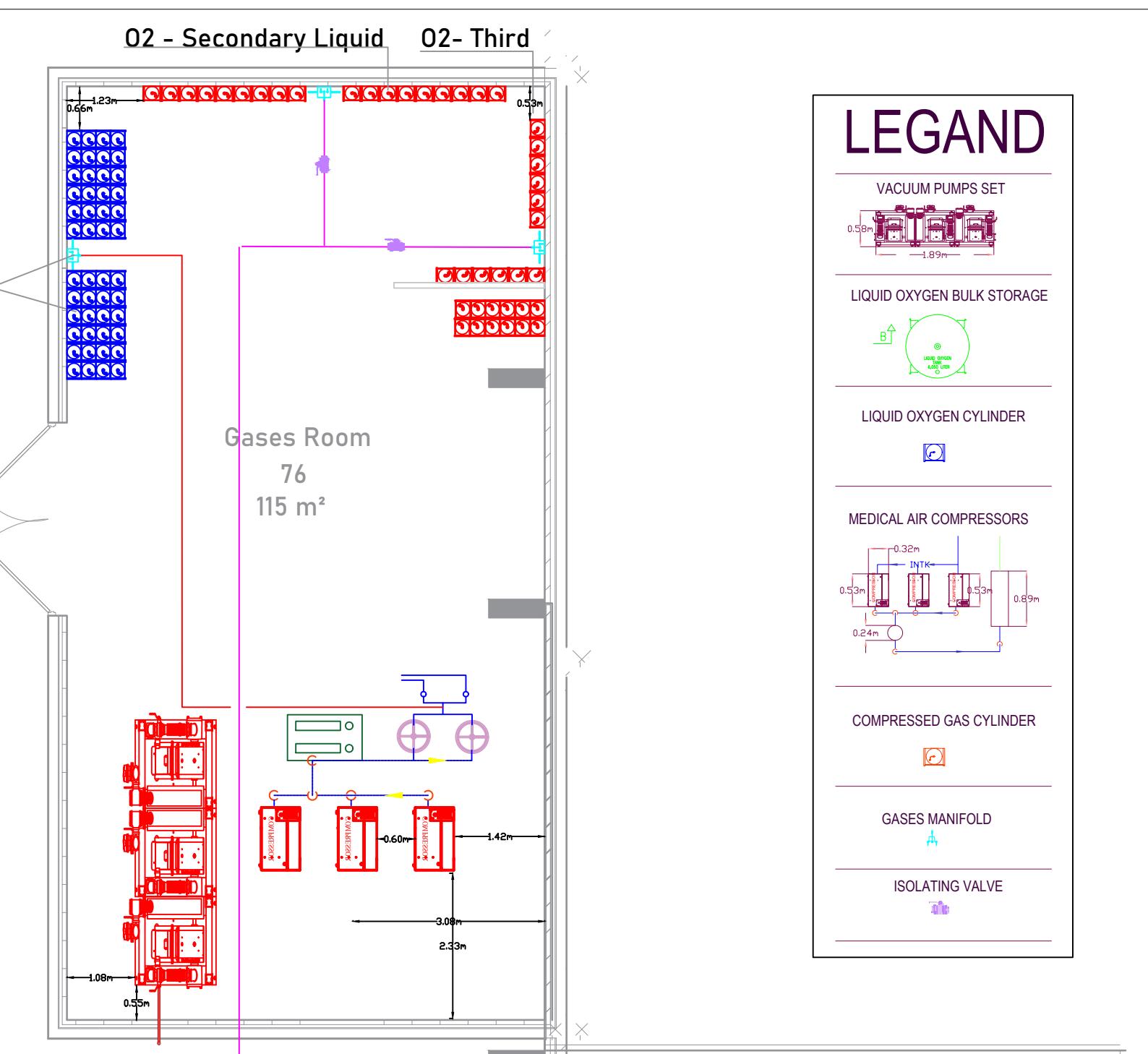
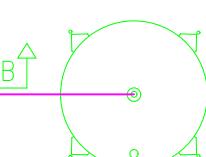
COMPRESSED GAS CYLINDER



GASES MANIFOLD



ISOLATING VALVE





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Gas Type	Flow(L/min)	Calculation		
		N.Of Cylinder	Volume Req	
O2- Gas	437.5	P	2x Bulk	_____
		S	18	105000 Litre
		T	12	69480 Litre

Gas Type	Flow(L/min)	Calculation		
		N.Of Cylinder	Volume Req	
MA- Gas	637.5	P	_____	_____
		S	26	153000 Litre
		T	20	121800 Litre

Gas Type	Flow(L/min)	Calculation		
		N.Of Cylinder	Volume Req	
SA- Gas	700	P	_____	_____
		S	28	168000 Litre
		T	28	168000 Litre

