

PROJECT :

**IVF CENTER IN
THIRD FLOOR OF
MODERN GOVERNMENT
MATERNITY HOSPITAL AT
PETLABURZ, HYDERABAD,
TELANGANA STATE.**

CONTRACTOR :

**ASTA VARDHMAN
CONSORTIUM**

CLIENT :

**TELANGANA STATE MEDICAL
SERVICES AND INFRASTRUCTURE
DEVELOPMENT CORPORATION.**

END USER :

EXECUTIVE ENGINEER :

SUPERINTENDING ENGINEER :

CHIEF ENGINEER:

TITLE :

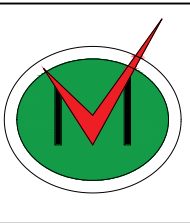
**THIRD FLOOR
MEP LAYOUT**

DATE	02.12.2023	DWG. No.:	
DRAWN	RAM	MECS/23/PB/MEP/01	
CHECKED	P.V.N.B	REV	R7
APPROVED	P.V.N.B	SCALE	NTS

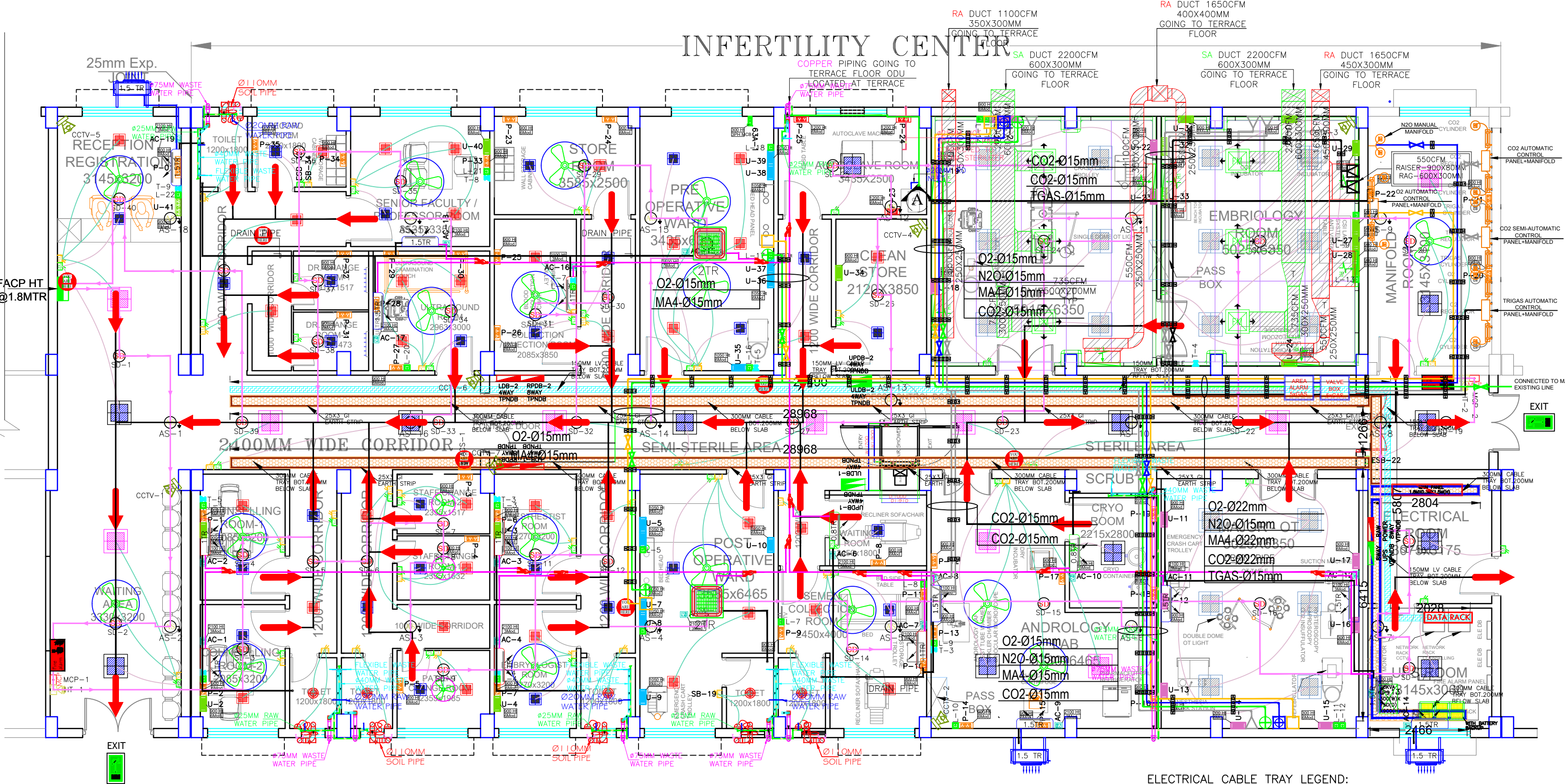
CONTRACTOR :



M/s Asta Vardhman Consortium
H. NO. 8-2-334/27, Plot No. 27,
Road No. 03, Banjara Hills,
Hyderabad - 500034



INFERTILITY CENTER



FIRE EVACUATION LEGEND:

S.NO	SYMBOL	DESCRIPTION
01.		FIRE ESCAPE
02.		FIRE ALARM
03.		EXIT

MGPS LEGEND:

IDENTIFICATIONS	MEDICAL GAS NAME	MATERIAL
	OXYGEN (O2)	COPPER PIPE
	NITROUS OXIDE (N2O)	COPPER PIPE
	MEDICAL AIR (MA4)	COPPER PIPE
	CARBON DI OXIDE (CO2)	COPPER PIPE
	TRY GAS	COPPER PIPE
	OXYGEN OUTLET	AS SPECIFIED
	NITROUS OXIDE OUTLET	AS SPECIFIED
	MEDICAL AIR OUTLET	AS SPECIFIED
	CARBON DI OXIDE OUTLET	AS SPECIFIED
	TRY GAS OUTLET	AS SPECIFIED

PLUMBING LEGEND

	40MMØ WASTE WATER PIPE
	75MMØ WASTE WATER PIPE
	110MMØ SOIL PIPE
	FLOW DIRECTION
	75MMØ FLOOR TRAP
	PLUMBING PIPE SUPPORT CLAMP

SUPPLY WATER LEGEND

	25MMØ SUPPLY RAW WATER PIPE
	20MMØ SUPPLY RAW WATER PIPE
	25MMØ HOT WATER GI PIPE
	FLOW DIRECTION
	PLUMBING PIPE SUPPORT CLAMP

HVAC LEGEND:

S.No	SYMBOL	DESCRIPTION
1.		CASSETTE UNIT
2.		HI WALL UNIT
3.		SUPPLY AIR DUCT
4.		RETURN AIR DUCT
5.		SA FILTER MODULE
6.		RETURN RAISER
7.		COPPER PIPE
8.		VRF COPPER PIPE
9.		DRAIN PIPE
10.		REFNET JOINT
11.		OUTDOOR UNIT
12.		OUTDOOR UNIT
13.		VRF OUTDOOR UNIT
14.		AIR HANDLING UNIT
15.		AC PANEL
16.		HVAC SUPPORT

LV & FA SYSTEM LEGEND:

S.No	SYMBOL	DESCRIPTION	QTY
1.		BELOW SMOKE DETECTOR	40 NOS
2.		ABOVE SMOKE DETECTOR WITH RESPONSE INDICATOR	18 NOS
3.		LAN POINT	22 NOS
4.		TELEPHONE POINT	09 NOS
5.		MANUAL CALL POINT	02 NOS
6.		HOOTER	02 NOS
7.		CC CEMERA	05 NOS
8.		ACCESS CONTROL	01 NOS
9.		FIRE ALARM CONTROL PANEL	01 NOS
10.		2CX1.5SQMM FIRE CABLE	185 RMT

POWER SOCKET LEGEND:

S.No	SYMBOL	DESCRIPTION	QTY
1.		63A 3PH INDUSTRIAL SOCKET @ HT300MM FFL	01 NOS
2.		2 NOS 6/16A(6M) RAW POWER SOCKET @ HT900MM FFL	35 NOS
3.		4 NOS 6/16A(6M) RAW POWER SOCKET @ HT900MM FFL	01 NOS
4.		2 NOS 6/16A(6M) UPS POWER SOCKET @ HT900MM FFL	14 NOS
5.		1 NOS 6/16A(6M) UPS POWER SOCKET @ HT900MM FFL	04 NOS
6.		2 NOS 6/16A(6M) UPS POWER SOCKET @ HT900MM FFL	13 NOS
7.		2 NOS 6/16A(6M) RAW POWER SOCKET @ HT1050MM FFL	11 NOS
8.		2 NOS 6/16A(6M) RAW POWER SOCKET @ HT1200MM FFL	03 NOS
9.		1 NOS 6A(3M) AC SOCKET @ HT1200MM FFL	19 NOS

ELECTRICAL CABLE TRAY LEGEND:

S.No	SYMBOL	DESCRIPTION	QTY
01.		300MM ELE CABLE TRAY	85 RMT
02.		150MM ELE CABLE TRAY	40 RMT
03.		50X6 GI EARTH STRIP	10 RMT
04.		25X3 GI EARTH STRIP	70 RMT
05.		DATA RACK	01 NOS

SWITCH BOARD LEGEND:

S.No	SYMBOL	DESCRIPTION	QTY
1.		2 MOD RAW SWITCH BOARD	01 NOS
2.		4 MOD RAW SWITCH BOARD	09 NOS
3.		6 MOD RAW SWITCH BOARD	23 NOS
4.		8 MOD RAW SWITCH BOARD	03 NOS
5.		2 MOD EMERG. SWITCH BOARD	36 NOS
6.		3 MOD EMERG. SWITCH BOARD	03 NOS
7.		4 MOD EMERG. SWITCH BOARD	01 NOS

LIGHTING LEGEND:

S.No	SYMBOL	DESCRIPTION	QTY
1.		42W EMRG LED LIGHT	18 NOS
2.		36W EMRG LED LIGHT	12 NOS
3.		36W LED LIGHT	10 NOS
4.		24W LED LIGHT	35 NOS
5.		24W EMRG LED LIGHT	27 NOS
6.		12W LED DOWN LIGHT	06 NOS
7.		1200MM CEILING FAN	17 NOS
8.		600MM CEILING FAN	03 NOS
9.		200MM EXHAUST FAN	06 NOS
10.		DISTRIBUTION BOARD	04 NOS
		EMERGENCY DISTRIBUTION BOARD	04 NOS