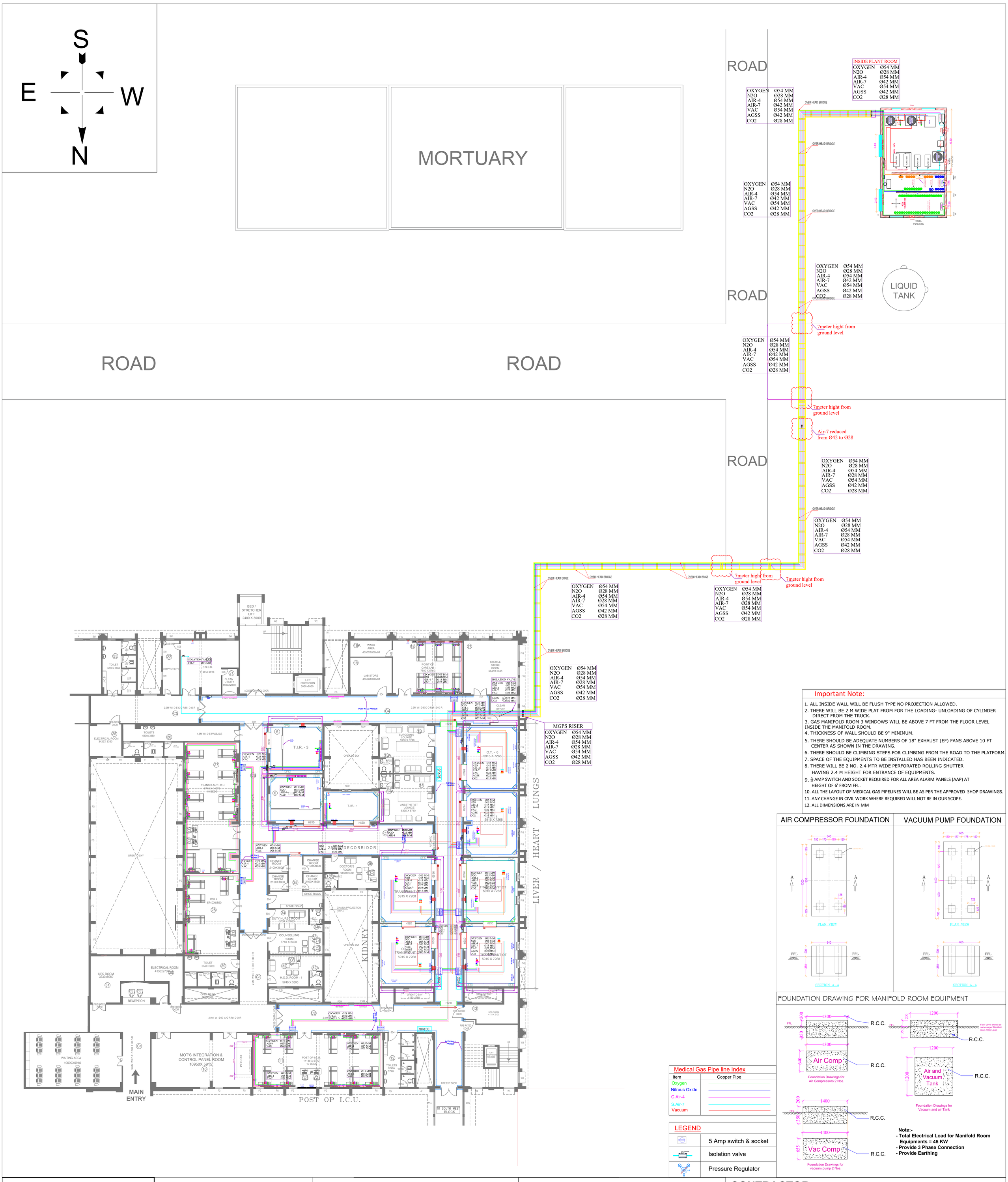

Important Note:

1. ALL INSIDE WALL WILL BE FLUSH TYPE NO PROJECTION ALLOWED.
2. THERE WILL BE 2 M WIDE PLAT FROM FOR THE LOADING- UNLOADING OF CYLINDER DIRECT FROM THE TRUCK.
3. GAS MANIFOLD ROOM 3 WINDOWS WILL BE ABOVE 7 FT FROM THE FLOOR LEVEL INSIDE THE MANIFOLD ROOM.
4. THICKNESS OF WALL SHOULD BE 9" MINIMUM.
5. THERE SHOULD BE ADEQUATE NUMBERS OF 18" EXHAUST (EF) FANS ABOVE 10 FT CENTER AS SHOWN IN THE DRAWING.
6. THERE SHOULD BE CLIMBING STEPS FOR CLIMBING FROM THE ROAD TO THE PLATFORM.
7. SPACE OF THE EQUIPMENTS TO BE INSTALLED HAS BEEN INDICATED.
8. THERE WILL BE 2 NO. 2.4 MTR WIDE PERFORATED ROLLING SHUTTER HAVING 2.4 M HEIGHT FOR ENTRANCE OF EQUIPMENTS.
9. 5 AMP SWITCH AND SOCKET REQUIRED FOR ALL AREA ALARM PANELS (AAP) AT HEIGHT OF 6' FROM FFL .
10. ALL THE LAYOUT OF MEDICAL GAS PIPELINES WILL BE AS PER THE APPROVED SHOP DRAWINGS.
11. ANY CHANGE IN CIVIL WORK WHERE REQUIRED WILL NOT BE IN OUR SCOPE.
12. ALL DIMENSIONS ARE IN MM

AIR COMPRESSOR FOUNDATION

VACUUM PUMP FOUNDATION

FOUNDATION DRAWING FOR MANIFOLD ROOM EQUIPMENT

Note:-
- Total Electrical Load for Manifold Room Equipments = 45 KW
- Provide 3 Phase Connection
- Provide Earthing

Medical Gas Pipe line Index

Item	Copper Pipe
Oxygen	
Nitrous Oxide	
C.Air-4	
S.Air-7	
Vacuum	

LEGEND

	5 Amp switch & socket
	Isolation valve
	Pressure Regulator

1. Marking and saddling
2. Installation of copper pipe, Valve box & alarms.
3. Pressure testing of copper pipe.
4. Color coding .
5. Installation of gas outlets.
6. Testing of pipe line.
7. Fixing of accessories.
8. final testing & hand over.

Note:-
- 5 amp switch and socket required for all Area Alarm Panels (AAP) above 7 feet from F.F.L.
- Trap door (2'x2') required in false ceiling wherever AAP located
- All the Medical outlets will be installed at right side of patient.
- All the layout of medical gas pipelines will be as per the approved shop drawings.
- Any Change in civil work where required will not be in our scope.
- All pipe line will run above fall ceiling .
- Inside rooms & wards pipe line will run above fall ceiling and vertical down drops will install on surface of wall .
- All alarm & valve boxes will install on surface of wall .

ISOLATION VALVE BOX :-

2 GAS SERVICE	AVSU2	AAP2
3 GAS SERVICE	AVSU3	AAP3
4 GAS SERVICE	AVSU4	AAP4
6 GAS SERVICE	AVSU6	AAP6
ISOLATION VALVE		
BED HEAD PANEL		

PIPE LINE :- / OUTLETS:-

OXYGEN	
NITROUS OXIDE	
M.AIR-4	
S.AIR-7	
VACUUM	
AGSS	
CO2	

PURPOSE OF DRAWING :-

DRAWING FOR APPROVAL

SOTC GANDHI HOSPITAL, HYDERABAD

SHEET TITLE :-

MGPS LAYOUT

MPS ASTA/SOTC/MGPS/GANDHI/01

CONTRACTOR :-

MPS ASTA CONSORTIUM

59, INDU HOUSE RAMA ROAD INDUSTRIAL AREA NEW DELHI-110015

Ph:9810207360,9700961991

Email:sotc.mpsasta@gmail.com

		REV . NO	SHEET. NO
SCALE -	1:1	08	16
DEALT -	PANKAJ YADAV		
CHECKED BY -	BHUPINDER		