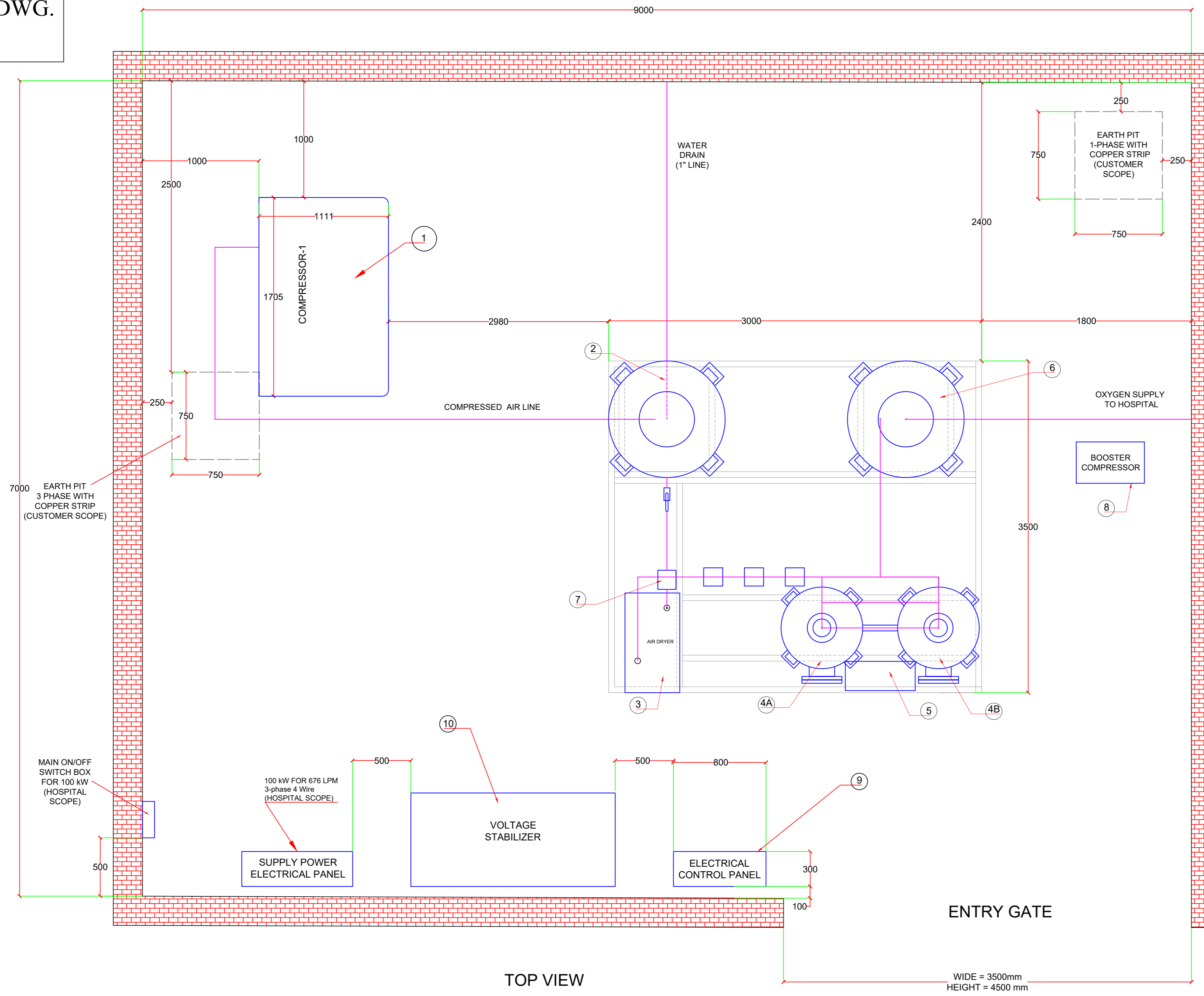
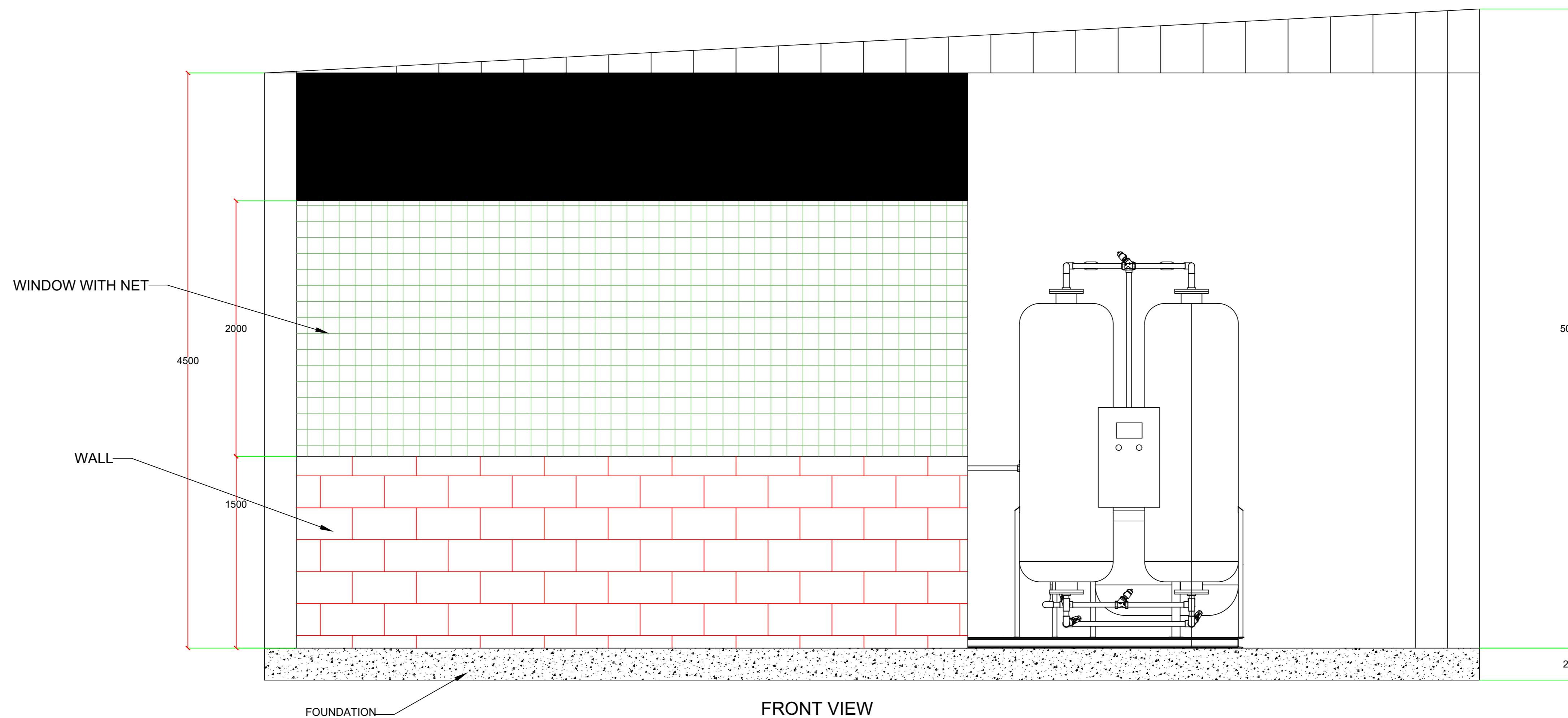


THIS DWG. IS SOLE PROPERTY OF NEOMETRIX ENGINEERING PVT. LTD.  
 UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG.  
 WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.



TOP VIEW



FRONT VIEW

NEOMETRIX ADSORPTION MEDICAL OXYGEN (NAMO™)  
 GENERATION PLANT (PSA)  
 LAYOUT DRAWING (676 LPM)

BILL OF MATERIALS		
S.No.	ITEM	QTY.
1	AIR COMPRESSOR	1
2	AIR RECEIVER	1
3	REFRIGERATED DRYER	1
4	MEDICAL OXYGEN PSA TOWERS	2
5	PLC CONTROL PANEL	1
6	OXYGEN STORAGE TANK	1
7	FILTER	4
8	BOOSTER	1
9	ELECTRICAL CONTROL PANEL	1
10	VOLTAGE STABILIZER	1

ROOM SIZE REQUIREMENT (INTERNAL)				
S.NO.	PLANT CAPACITY	LENGTH	WIDTH	HEIGHT
1	676 LPM	9000 mm	7000 mm	5000 mm

POWER REQUIREMENT			
S.NO.	PLANT CAPACITY	TYPE OF POWER SUPPLY	REQUIRED POWER
1	676 LPM	3-PHASE	100 KW

MAJOR LAYOUT COMPONENTS SIZES					
S.NO.	ITEM	LENGTH	WIDTH	WEIGHT	QTY.
1	PSA PLANT SKID	3500 mm	3000 mm	--	1
2	COMPRESSORS	1542mm	821 mm	--	1
3	ELECTRICAL CONTROL PANEL	800 mm	300 mm	--	1
4	VOLTAGE STABILIZER	1168 mm	635 mm	--	1

NOTE:-

- All dimensions are in mm.
- No Anchor bolts required for fixing Compressors or skid.
- 9m x 7m Concrete Floor required.
- Plant Room should be properly ventilated.
- Internal Roof Height should be Minimum 5m from floor.
- Entry Gate should be of Width = 3.5 m and Height = 4.5 m.
- Civil, Electrical, and Plumbing work in Customers' scope.
- Separate Earthing required for 3 Phase and Single Phase.
- Supply Power Electrical panel to be placed as shown in this drawing.
- Minimum 200 Lux Capacity lighting required in Plant Room.
- Raw power requirement is 75 kW.
- Raw power supply/DG/Transformer is in hospital scope.
- Consult us for diesel generator power calculation required before purchasing.

		NEOMETRIX ENGINEERING PVT. LTD. E-148, Sector-63, Noida, UP-201301 Tel. No. :- 0120-4500800 Fax No. :- 0120-4500888 Email :- contact@neometrixgroup.com	
MAIN TITLE	PSA MEDICAL OXYGEN GENERATION PLANT	O.A No.	
SUB-TITLE	MOX-PSA-676LPM-D	CROSS REF. DOC.	
SRS NO.	A2764	CUSTOMER DWG. / REF. No.	
CUSTOMER	--	NOTES:	
END-USER	--	NAMO™	
PO NO.-	--	SERIES	
PROJECTION	DRAWN BY & DATE	M.F	02/02/2022
CHECKED BY & DATE	D.K	02/02/2022	SIZE
APPROVED BY & DATE	SPS	02/02/2022	SCALE
			SHEET
			No. OF
			01
			01
			NEO. DWG. NO.
			T-PED-A2764-LDWG-NAMO-676LPM
			Rev.
			01