



MNR DENTAL COLLEGE AND HOSPITAL

“NAAC ACCREDITED”

(Recognized by MH&FW, Govt. of India & Affiliated to KNR University of Health Sciences)

MNR Nagar, Narsapur Road, Fasalwadi, Sangareddy 502294

WATER CONSERVATION FACILITIES

MAINTAINENCE OF WATER BODIES AND DISTRUBUTION SYSTEM IN CAMPUS



Ameeuddin

M.D. AMEENUDDIN, B.Tech. (Civl)
 Municipal Licensed Planner/Engineer/Surveyor
 License No: 10551
 SANGAREDDY MUNICIPALITY

PRINCIPAL

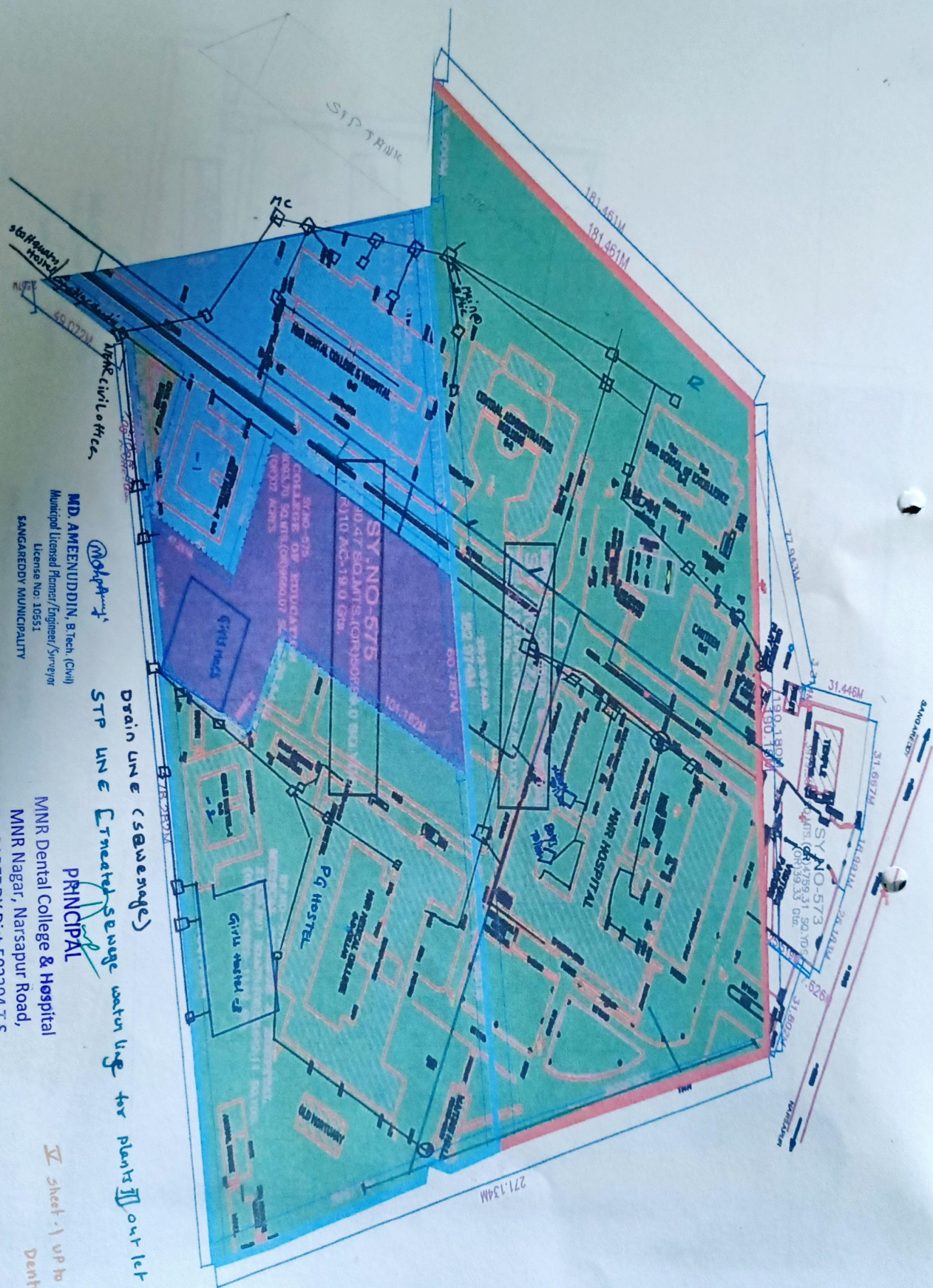
MNR Dental College & Hospital
 MNR Nagar, Narsapur Road,
 SANGAREDDY Dist-502294 T.S.

MD. AMEENUDDIN, B.Tech (CIVIL)
 Municipal Licensed Planner/Engineer/Sr.
 License No: 10651
 SANGAREDDY MUNICIPALITY

PRINCIPAL
 MNR Dental College & Hospital Lime
 MNR Nagar, Narsapur Road,
 SANGAREDDY Dist-502294 T.S.

Drain Line (sewerage)
 STP Line [Treated Sewage water line for plants]-out let
 Treated Sewage water line for plants] - in let for tank.
 II Sheet - 2 Below
 Contn.





Monday

Drain line (sewerage)
STP line $\rightarrow$ treated sewage water line for plants $\rightarrow$ out let

PRINCIPAL

MNR Dental College & Hospital
MNR Nagar, Narsapur Road,
SANGAREDDY Dist-502294 T.S.

V sheet - 1 up to Dental

SYHO-578
REMAINING SITE AREA-1
17150.222 SQ.MTS.(OR)20511.67 SQ.YDS
(OR)04 ACRES-0.52 CR.

(OR) 17 AC-36.0 GIS

116.7965

39861.223 SQ MTS (OR)A7674 02 SQ.YDS
(OR)09 AC-34 G15

REMAINING SILL AREA
35814.403 SQ.FTS. (09/42834.03 SQ.FTS.)
(08/09 ACRES - 34.0 G/A.

10117.076 SQ.MTS (OR) 12100 SQ.YDS.
(OR) 02 AC-20.0 GIS

Prithvi Prasad

MD. AMEENUDDIN, B.Tech (Civil)
Municipal Licensed Planner/Engineer/Sur-

SANGAREDDY MUNICIPALITY

DRINKING WATER LINE

MNR Dental College & Hospital

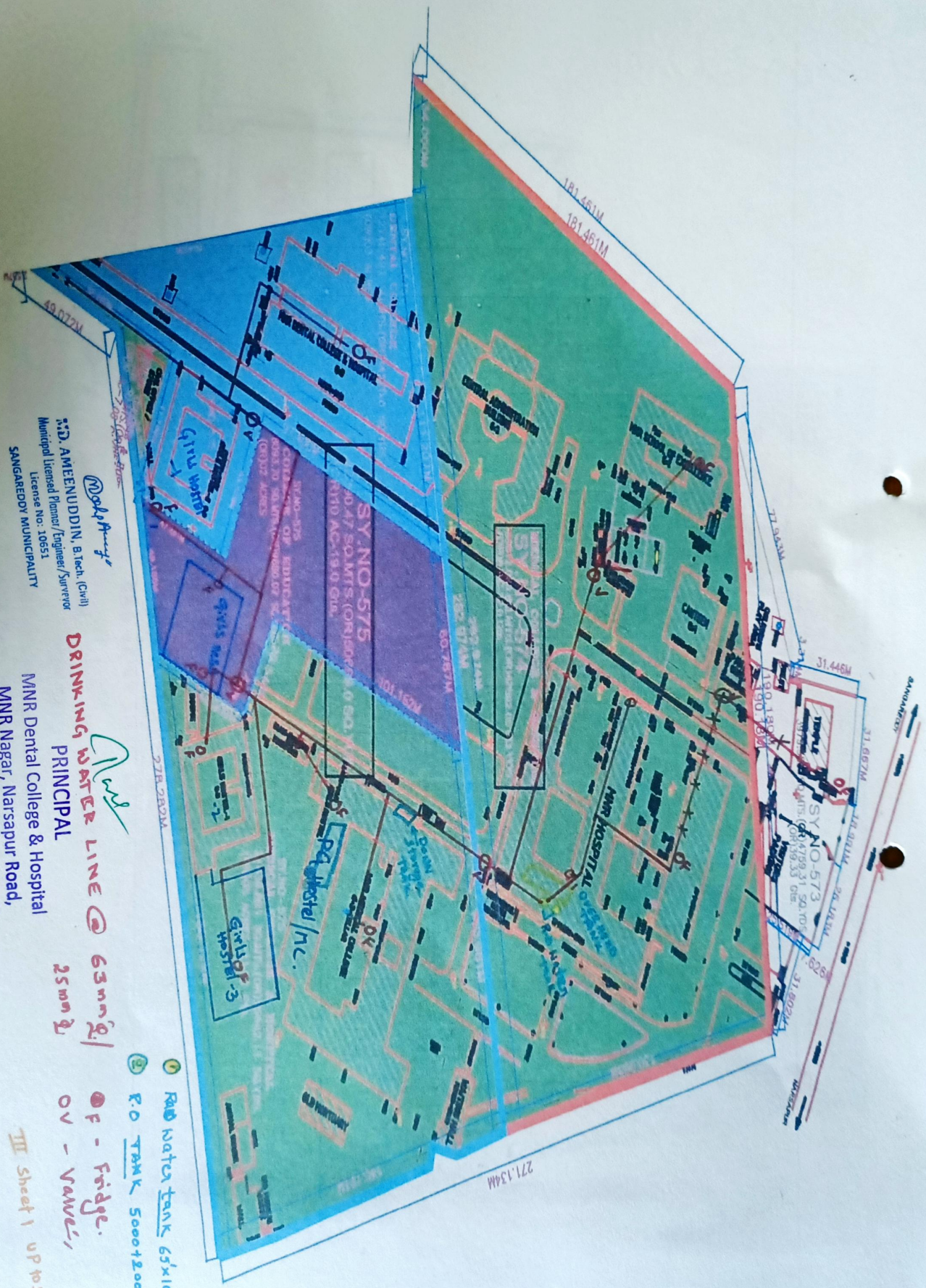
MINR Nagar, Narsapur Road,

SANGAREDDY Dist-502294 T.S.

$$\sqrt{g \cdot h \cdot l}$$

Of - Fridge
OV - Valve

IV Sheela Balant
Campus



M.D. AMEENUDDIN, B.Tech. (Civil)
Municipal Licensed Planner/Engineer/Surveyor
License No. 10651
SANGAREDDY MUNICIPALITY

DRINKING WATER LINE
63mm dia
25mm dia
MNR Dental College & Hospital
MNR Nagar, Narsapur Road,
SANGAREDDY Dist-502294 T.S.

- ① RAD WATER TANK 65x10x5
- ② R.O TANK 5000x12000 KL
- ③ OP - Fridg.
- ④ OV - VALVES

III Sheet 1 up to bench

SY.NO-578
 REMAINING SITE AREA-1
 1710.222 SQ.MTS.(OR)102511.57 SQ.MTS
 (OR)4 ACMS-8.32 DB

SY.NO-578
 72438.139 SQ.MTS.(OR)98636.01
 (OR)17 AC-36.0 GIS

SY.NO-580
 39861.223 SQ.MTS.(OR)47674.02 SQ.YDS
 (OR)9 AC-34 GIS

SY.NO-580
 REMAINING SITE AREA
 32914.403 SQ.MTS.(OR)42343.03 SQ.YDS
 (OR)9 ACMS-31.0 DB

SY.NO-560
 10117.078 SQ.MTS.(OR)12100 SQ.YDS
 (OR)2 AC-20.0 GIS

RAW WATER INLET LINE
 RAW WATER OUTLET LINE

PRINCIPAL

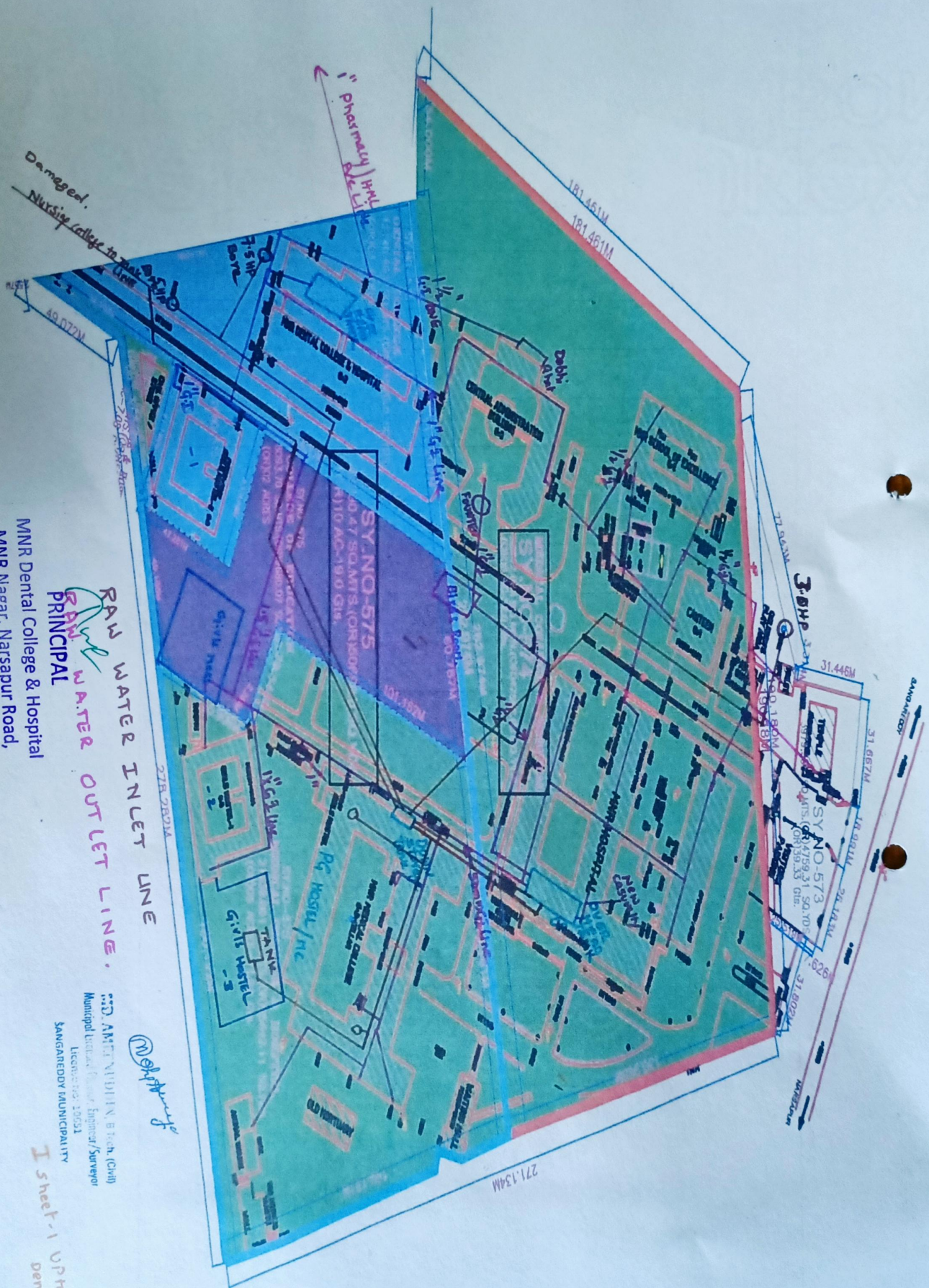
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 MNR Nagar, Narsapur Road,
 SANGAREDDY Dist-502294 T.S.

MD. AMEENUDDIN, B.Tech. (CIVIL)
 Municipal Licensed Planner/Engineer/Superior
 License No: 10651
 SANGAREDDY MUNICIPALITY

II Sheet-2
 Balance covered

Hospital Tank Line
 continue PVC line





M. D. ARIFUDDIN, B.Tech. (Civil)
Municipal Engineer/Engineer/Surveyor
Licence No. 10651
SANGAREDDY MUNICIPALITY

Sheet-1 upto Dental



MNR DENTAL COLLEGE AND HOSPITAL
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E-mail: mnrhc@mnrindia.org; Website: www.mnrindia.org

Waste Water Recycling Maintenance Reports:

Bore Water Maintenance Report

IAF elaci Regn. No. 20DQGN85		Vista Labs Analytical • Biological • Environmental An ISO/IEC 17025:2005 NABL Accredited & ISO 9001:2015 Certified Lab.		
TEST REPORT Page 1 of 1				
Name & Address Of Customer: M/s. MNR Medical College & Hospital Sangareddy.		Lab Ref No: VIS/1181/2021 Reporting Date: 16/07/2021 Sample Received On: 10/07/2021 Your Ref No: Verbal Analysis Started On: 10/07/2021 Sample Condition At the time of Receipt: Found OK Analysis Completed On: 15/07/2021		
Sample Description: Bore water				
Sample drawn By: Client	Quantity Received: 1Ltr X 1No.			
TEST RESULTS				
Sl. No.	Characteristic Physical & Chemical	Test method	Results	Requirement (Acceptable Limit) As per IS 10500:2012
1.	P ^H Value at 25°C	IS:3025(Part -11)-1983, RA 2017	7.38	6.50 - 8.50
2.	Electrical conductivity @ 25°C, µS/cm	APHA (23 rd Edn:2017)-2510 B	736	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984, RA 2006	484	< 500
4.	Turbidity, (NTU)	IS:3025(Part -10)-1984, RA 2017	1.30	< 1.0
5.	Total Hardness as CaCO ₃ , mg/l	IS:3025(Part -21)-2009, RA 2014	232	< 200
6.	Alkalinity to Phenolphthalein as CaCO ₃ , mg/l	IS:3025(Part -23)-1986, RA 2014	Nil	Not specified
7.	Alkalinity to methyl orange as CaCO ₃ , mg/l	IS:3025(Part -23)-1986, RA 2014	270	< 200
8.	Non-Carbonate hardness as CaCO ₃ , mg/l	By calculation	Nil	Not specified
9.	Calcium as Ca, mg/l	IS:3025(Part -40)-1991, RA 2014	57.6	< 75
10.	Magnesium as Mg, mg/l	APHA (23 rd Edn:2017)-3500-Mg B	21.1	< 30
11.	Sodium as Na, mg/l	IS:3025(Part -45)-1993, RA 2014	59.3	Not specified
12.	Potassium as K, mg/l	IS:3025(Part -45)-1993, RA 2014	4.7	Not specified
13.	Chloride as Cl, mg/l	IS:3025(Part -32)-1988, RA 2014	49.7	< 250
14.	Sulphate as SO ₄ , mg/l	IS:3025(Part -24)-1986, RA 2014	20.2	< 200
15.	Nitrate as NO ₃ , mg/l	IS:3025(Part -34)-1988, RA 2014	8.7	< 45
16.	Fluoride as F, mg/l	APHA (23 rd Edn:2017)-4500-F D	1.20	< 1.0
17.	Total Silica as SiO ₂ , mg/l	APHA (23 rd Edn:2017)-4500-SiO ₂ C	12.0	Not specified
18.	Iron as Fe, mg/l	APHA (23 rd Edn:2017)-3500-Fe B	0.070	< 0.3
19.	Colour, (Hazen Units)	IS:3025(Part -4)-1983, RA 2017	2.00	< 05
MICROBIOLOGICAL				
1.	Total coliform Bacteria, /100ml	IS:15185:2002, RA2018	Absent	Shall be Absent
2.	Escherichia coli, /100ml	IS:15185:2002, RA2018	Absent	Shall be Absent
Note: 1. This report is valid for the tested sample(s) only. 2. Test report shall not be reproduced except in full & with written approval of VISTALABS. 3. This report should not be used for advertisement / judicial purpose. 4. Total Number Of Test(s) TWENTY ONE Only 5. Lab will maintain unused portions of samples for 15 days after the report has been issued. ***** End of Report*****				
Checked By		Authorized Signatory		
VIS/LAB/F/047 # 4-9-6, Flat No. 103 & 104, Surya Towers, Adj. ANR Gardens, HMT Nagar, Nacharam, Hyderabad-500 076. Ph : 040-27173815, 42210081, E-mail : vistalabs@yahoo.co.in , vistalabs2004@gmail.com				

PRINCIPAL
MNR Dental College & Hospital
MNR Nagar, Narsapur Road,
SANGAREDDY Dist. - 502 294 (T.S.)

Waste water Recycling Maintenance Report



Ulrich Integrated Technologies and Consulting Pvt. Ltd.

Ref:UITC/MNR/ 07/2022

Date: 20/01/2022

TO WHOM SO EVER IT MAY CONCERN

Sub: ecoSTP reg..

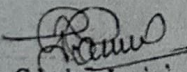
Ref: Your work order No.MNRMCH/WO/08/2018, Dt:14/04/2018

Dear Sir

With reference to the above subject ecoSTP has been commissioned at MNR Medical Hospital Campus Sangareddy on 20th Dec 2019. We are pleased to inform you that the unit is maintained properly and running in good condition, the output is good for irrigation (Landscaping, plantation and gardening).

Thanking you

Yours truly


C. Joshua James

Authorised Signatory

B-14, 3rd Floor, Kundan Towers, Mayuri Marg, Begumpet, Hyderabad - 500 016.
Phone : +91-40-6633 4850, 6638 5842 Fax : +91-40-2776 4725 e-mail : sales@ulrich.co.in
URL : www.ulrich.co.in


PRINCIPAL
MNR Dental College & Hospital
MNR Nagar, Narsapur Road,
SANGAREDDY Dist. - 502 294 (T.S.)

R.O. Outlet Maintenance Report



Vista Labs

Analytical • Biological • Environmental

An ISO/IEC 17025:2005 NABL Accredited
& ISO 9001:2015 Certified Lab.

TEST REPORT

Page 1 of 1

Name & Address Of Customer:
M/s. MNR Medical College & Hospital
SangaReddy.

Lab Ref No: VIS/1180/2021
Reporting Date: 16/07/2021
Sample Received On: 10/07/2021
Your Ref No: Verbal
Analysis Started On: 10/07/2021
Sample Condition
At the time of Receipt: Found OK
Analysis Completed On: 15/07/2021

Sample Description: R.O. Outlet - (Dialysis water)

Sample drawn By: Client Quantity Received: 1Ltr X INo.

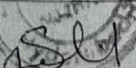
TEST RESULTS

Sl. No.	Characteristic	Test method	Results	Limits as per ISO:13959/AAMI
1.	Aluminium as Al, mg/L	IS:3025(pt-55)	< 0.005	0.010 Max
2.	Arsenic as As, mg/L	IS:3025(pt-37)	< 0.001	0.005 Max
3.	Barium as Ba, mg/L	IS:3025(pt-21)	< 0.05	0.1 Max
4.	Cadmium as Cd, mg/L	IS:13428	< 0.001	0.001 Max
5.	Calcium as Ca, mg/L	IS:3025(pt-40)	1.2	2.00 Max
6.	Chloramines, mg/L	IS:3025(pt-26)	< 0.05	0.1 Max
7.	Free Chlorine, mg/L	IS:3025(pt-26)	< 0.01	0.5 Max
8.	Chromium as Cr, mg/L	APHA	< 0.01	0.014 Max
9.	Copper as Cu, mg/L	IS:3025(pt-42)	< 0.01	0.1 Max
10.	Fluoride as F, mg/L	APHA	0.10	0.2 Max
11.	Lead as Pb, mg/L	APHA	< 0.001	0.005 Max
12.	Magnesium as Mg, mg/L	IS:3025(pt-46)	0.70	2.0 Max
13.	Mercury as Hg, mg/L	IS:3025(pt-48)	< 0.0001	0.0002 Max
14.	Nitrates as NO ₃ , mg/L	IS:3025(pt-21)	< 0.50	2.0 Max
15.	Potassium as K, mg/L	IS:3025(pt-34)	< 0.50	2.0 Max
16.	Selenium as Se, mg/L	IS:3025(pt-56)	< 0.01	0.09 Max
17.	Silver as Ag, mg/L	APHA	< 0.001	0.005 Max
18.	Sodium as Na, mg/L	IS:3025(pt-45)	4.1	50 Max
19.	Sulphate as SO ₄ , mg/L	IS:3025(pt-24)	< 1.0	50 Max
20.	Tin as Sn, mg/L	APHA	< 0.05	0.1 Max
21.	Zinc as Zn, mg/L	IS:3025(pt-49)	< 0.05	0.1 Max
22.	Bacterial Endotoxin, EU/mL	BP2010	< 0.10	0.25 Max
23.	Total Viable count, CFU/mL	IS:1622-1981	08	50 Max

Note:

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4. Total Number of Test(S) TWENTY THREE Only
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***** End of Report *****

Checked By:  Authorized Signatory: 

VIS/LAB/F/047

4-9-6, Flat No. 103 & 104, Surya Towers, Adj. ANR Gardens, HMT Nagar, Nacharam, Hyderabad-500 076.
Ph : 040-27173815, 42210081, E-mail : vistalabs@yahoo.co.in, vistalabs2004@gmail.com

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MNR Nagar, Narsapur Road,
SANGAREDDY Dist. - 502 294 (T.S.)

R.O. Drinking Water Maintenance Report



Vista Labs

Analytical • Biological • Environmental
An ISO/IEC 17025:2005 NABL Accredited
& ISO 9001:2015 Certified Lab.

TEST REPORT

Page 1 of 1

Name & Address Of Customer: M/s. MNR Medical College & Hospital Sangareddy.		Lab Ref No:	VIS/1182/2021
		Reporting Date:	16/07/2021
		Sample Received On:	10/07/2021
		Your Ref No:	Verbal
		Analysis Started On:	10/07/2021
Sample Description: R.O. water (Drinking water)		Sample Condition	
		At the time of Receipt:	Found OK
Sample drawn By: Client	Quantity Received: 1Ltr X INo.	Analysis Completed On:	15/07/2021

TEST RESULTS

Sl. No.	Characteristic Physical & Chemical	Test method	Results	Requirement (Acceptable Limit) As per IS 10500:2012
1.	pH Value at 25°C	IS:3025(Part -11)-1983,RA 2017	6.75	6.50 - 8.50
2.	Electrical conductivity @ 25°C, µS/cm	APHA (23 rd Edn:2017)-2510 B	36	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984,RA 2006	24	< 500
4.	Turbidity, (NTU)	IS:3025(Part -10)-1984,RA 2017	< 1.00	< 1.0
5.	Total Hardness as CaCO ₃ , mg/l	IS:3025(Part -21)-2009,RA 2014	08	< 200
6.	Alkalinity to Phenolphthalein as CaCO ₃ , mg/l	IS:3025(Part -23)-1986,RA 2014	Nil	Not specified
7.	Alkalinity to methyl orange as CaCO ₃ , mg/l	IS:3025(Part -23)-1986,RA 2014	12	< 200
8.	Non- Carbonate hardness as CaCO ₃ , mg/l	By calculation	Nil	Not specified
9.	Calcium as Ca mg/l	IS:3025(Part -40)-1991,RA 2014	< 2.0	< 75
10.	Magnesium as Mg mg/l	APHA (23 rd Edn:2017)-3500-Mg B	< 2.0	< 30
11.	Sodium as Na mg/l	IS:3025(Part -45)-1993,RA 2014	4.6	Not specified
12.	Potassium as K mg/l	IS:3025(Part -45)-1993,RA 2014	< 1.0	Not specified
13.	Chloride as Cl mg/l	IS:3025(Part -32)-1988,RA 2014	4.3	< 250
14.	Sulphate as SO ₄ mg/l	IS:3025(Part -24)-1986,RA 2014	< 5.0	< 200
15.	Nitrate as NO ₃ mg/l	IS:3025(Part -34)-1988,RA 2014	< 0.1	< 45
16.	Fluoride as F mg/l	APHA (23 rd Edn:2017)-4500- F D	0.50	< 1.0
17.	Total Silica as SiO ₂ mg/l	APHA (23 rd Edn:2017)- 4500 SiO ₂ C	< 1.0	Not specified
18.	Iron as Fe mg/l	APHA (23 rd Edn:2017)- 3500 Fe B	< 0.050	< 0.3
19.	Colour, (Hazen Units)	IS:3025(Part - 4)-1983,RA 2017	< 2.00	< 05

MICROBIOLOGICAL

1.	Total coliform Bacteria, /100ml	IS:15185:2002, RA2018	Absent	Shall be Absent
2.	Escherichia coli, /100ml	IS:15185:2002, RA2018	Absent	Shall be Absent

Note:

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***** End of Report *****

Checked By	Authorized Signatory
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VIS/LAB/F/047

4-9-6, Flat No. 103 & 104, Surya Towers, Adj. ANR Gardens, HMT Nagar, Nacharam, Hyderabad-500 076.
Ph : 040-27173815, 42210081, E-mail : vistalabs@yahoo.co.in, vistalabs2004@gmail.com

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