

5. Maintenance of water bodies and distribution system in the campus

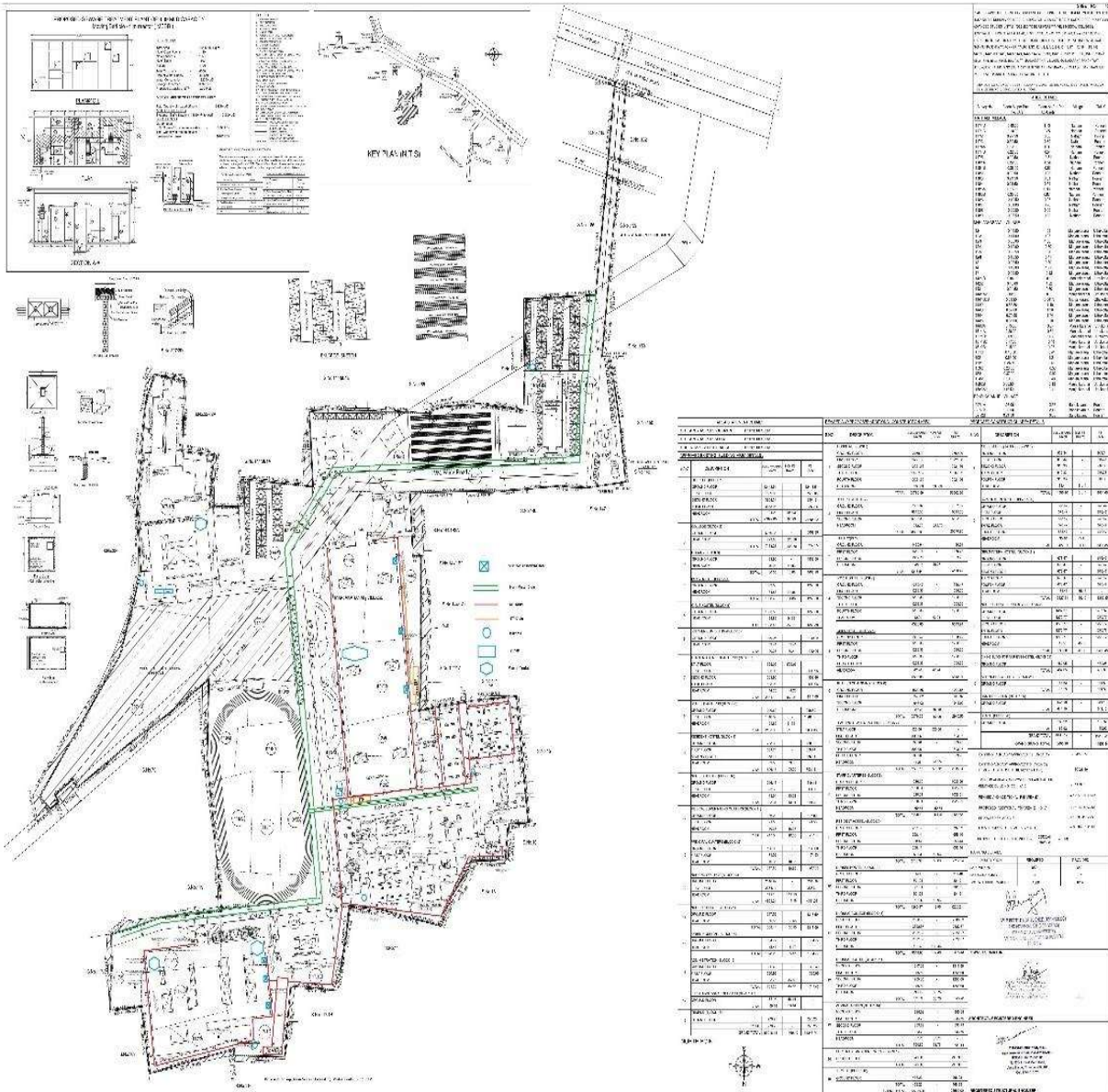
Water bodies are effectively maintained in all campus of VISTAS to ensure their health, safety, and aesthetic appeal.

The ground water from the bore wells is pumped into storage tanks located at different places in the various campuses. There are 31 storage tanks in the Vels Medical Campus, 20 overhead high-quality water storage tanks and 5 tanks and Open Well recharge in the Vels Thazhambur Campus. The water is distributed from the well through the laid pipe network. Drinking water is used after treatment in RO plants and is supplied through a separate set of distribution pipes and water for all other purposes is supplied through another set of distribution pipes.

Entire distribution system is well supervised by the Civil works team to ensure that there are no leakages and wastages of the precious water by any means. The usage of water is reduced using low pressure flushes and monitored. The water is distributed in the respective campuses with good pipe networks and maintained well to use water economically and efficiently in all the campuses.

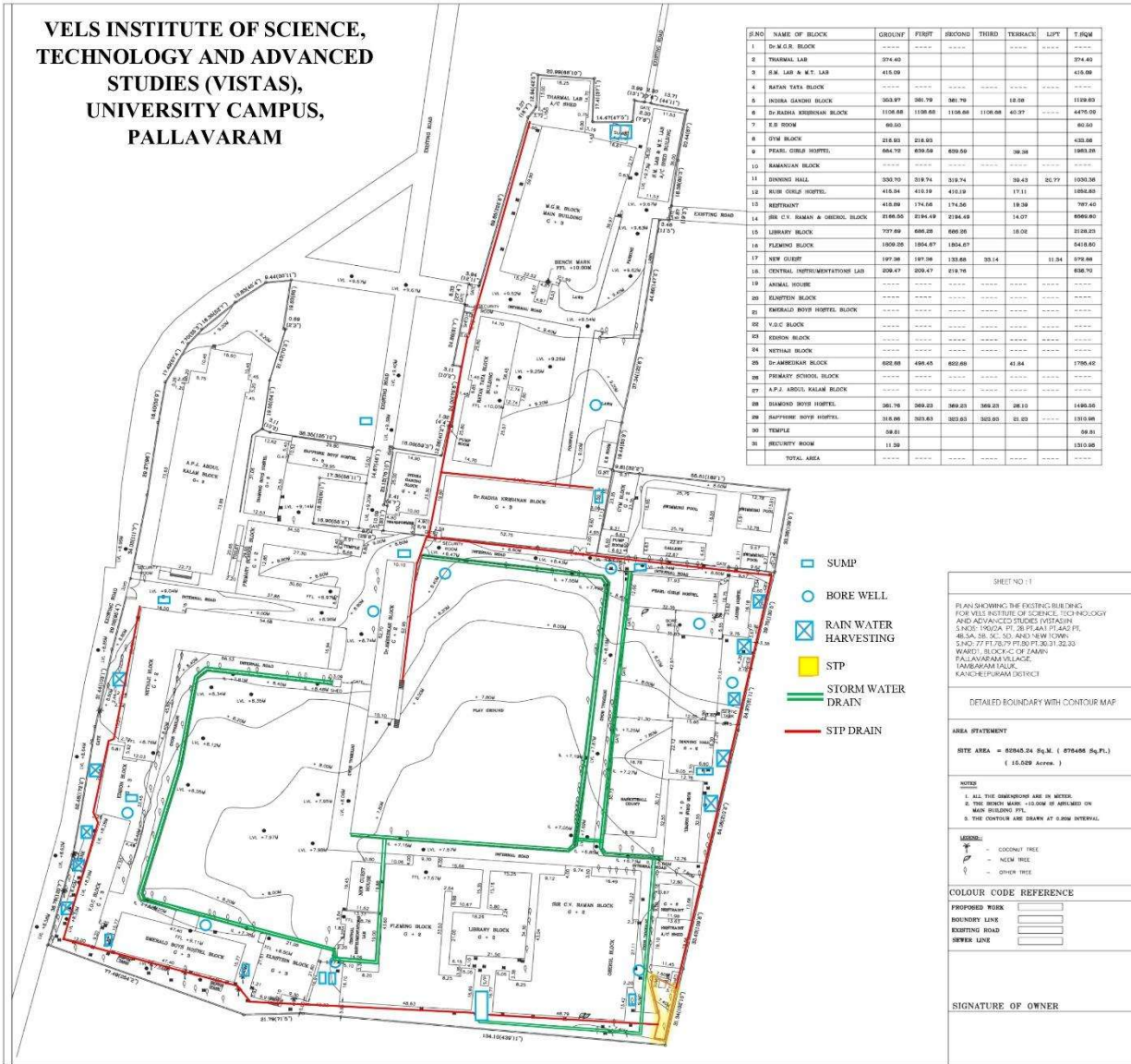


MAINTANENCE OF WATER DISTRIBUTION SYSTEMS IN VMCH CAMPUS



MAINTANENCE OF WATER DISTRIBUTION SYSTEMS IN VISTAS CAMPUS

**VELS INSTITUTE OF SCIENCE,
TECHNOLOGY AND ADVANCED
STUDIES (VISTAS),
UNIVERSITY CAMPUS,
PALLAVARAM**



SHEET NO. 1

PLAN SHOWING THE EXISTING BUILDING FOR VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS) SINCE 1902A, P.T. 28 P.T. 4A1 P.T. 4A2 P.T. 4A3 P.T. 4A4 P.T. 4A5 P.T. 4A6 P.T. 4A7 P.T. 4A8 P.T. 4A9 P.T. 4A10 P.T. 4A11 P.T. 4A12 P.T. 4A13 P.T. 4A14 P.T. 4A15 P.T. 4A16 P.T. 4A17 P.T. 4A18 P.T. 4A19 P.T. 4A20 P.T. 4A21 P.T. 4A22 P.T. 4A23 P.T. 4A24 P.T. 4A25 P.T. 4A26 P.T. 4A27 P.T. 4A28 P.T. 4A29 P.T. 4A30 P.T. 4A31 P.T. 4A32 P.T. 4A33 P.T. 4A34 P.T. 4A35 P.T. 4A36 P.T. 4A37 P.T. 4A38 P.T. 4A39 P.T. 4A40 P.T. 4A41 P.T. 4A42 P.T. 4A43 P.T. 4A44 P.T. 4A45 P.T. 4A46 P.T. 4A47 P.T. 4A48 P.T. 4A49 P.T. 4A50 P.T. 4A51 P.T. 4A52 P.T. 4A53 P.T. 4A54 P.T. 4A55 P.T. 4A56 P.T. 4A57 P.T. 4A58 P.T. 4A59 P.T. 4A60 P.T. 4A61 P.T. 4A62 P.T. 4A63 P.T. 4A64 P.T. 4A65 P.T. 4A66 P.T. 4A67 P.T. 4A68 P.T. 4A69 P.T. 4A70 P.T. 4A71 P.T. 4A72 P.T. 4A73 P.T. 4A74 P.T. 4A75 P.T. 4A76 P.T. 4A77 P.T. 4A78 P.T. 4A79 P.T. 4A80 P.T. 4A81 P.T. 4A82 P.T. 4A83 P.T. 4A84 P.T. 4A85 P.T. 4A86 P.T. 4A87 P.T. 4A88 P.T. 4A89 P.T. 4A90 P.T. 4A91 P.T. 4A92 P.T. 4A93 P.T. 4A94 P.T. 4A95 P.T. 4A96 P.T. 4A97 P.T. 4A98 P.T. 4A99 P.T. 4A100

DETAILED BOUNDARY WITH CONTOUR MAP

AREA STATEMENT

SITE AREA = 82845.24 Sq.M. (870466 Sq.Ft.)
(10.228 Acres.)

NOTES

- ALL THE DIMENSIONS ARE IN METERS.
- THE SHEET MARKS THE LOW OF APPLICABLE ON MAIN BUILDING P.T.
- THE CONTOUR ARE DRAWN AT 0.5M INTERVAL.

LEGEND

- COCONUT TREE
- ACACIA TREE
- OTHER TREE

COLOR CODE REFERENCE

PROPOSED WORK

BOUNDARY LINE

EXISTING ROAD

SEWER LINE

SIGNATURE OF OWNER


REGISTRAR
Registrar
Vels Institute of Science, Technology

VISTAS in association with Pasumai Peruga Sutham Sei trust restored and maintains the Putheri lake in Pallavaram.

PUTHERI LAKE (NORTH) RESTORATION BY VISTAS




REGISTRAR
Registrar
Vels Institute of Science, Technology

MAINTANENCE OF POND IN CAMPUS



MAINTANENCE OF WATER DRAINS IN VISTAS



MAINTANENCE OF STORM WATER DRAINS IN VMCH CAMPUS

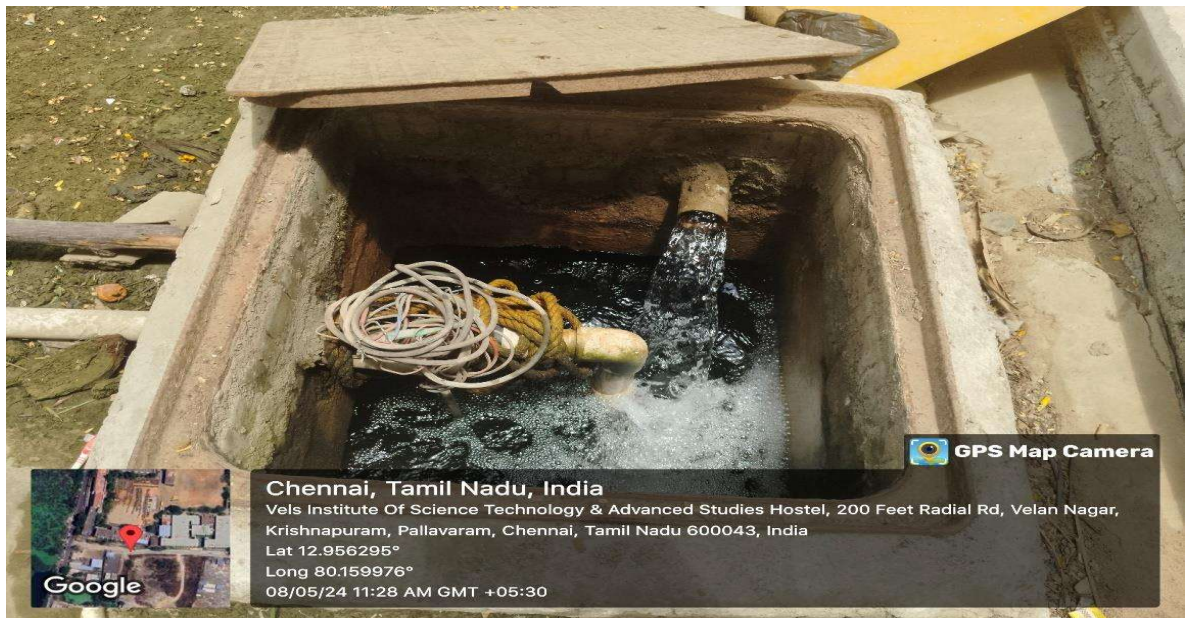


Sump/ Water Storage:

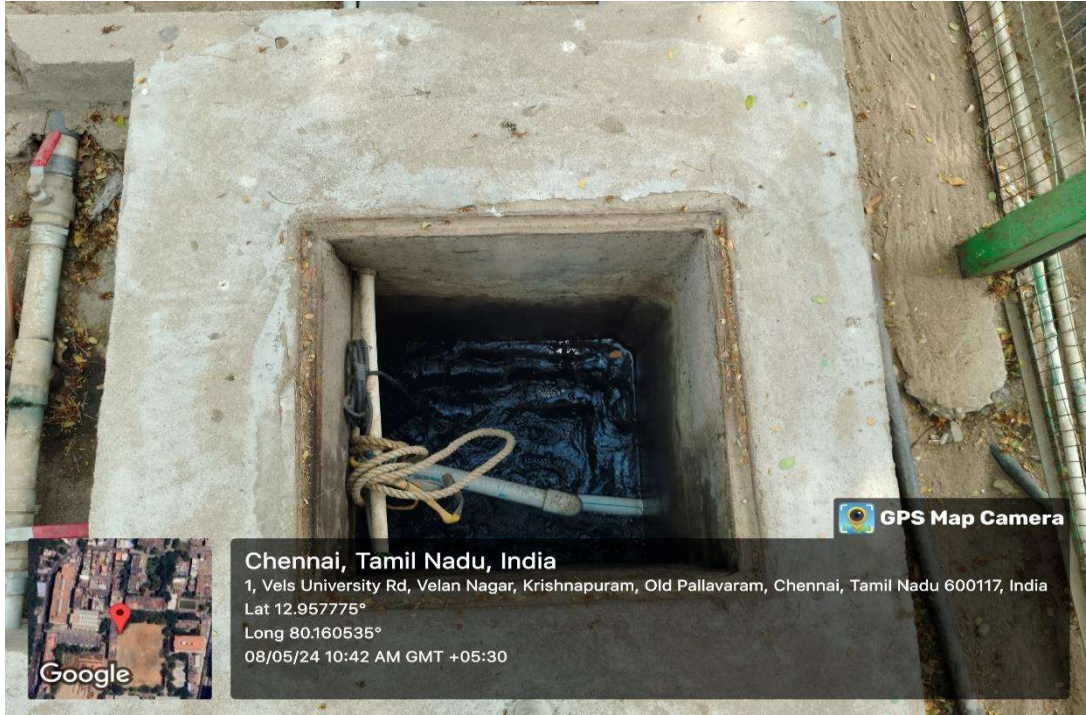
- ❖ The total sumps are located in the campus are 17 numbers
- ❖ The minimum capacity of Sump varies from 15,000 litres capacity onwards

The 2 Sumps extends to the maximum capacity of 1 lakh litres in Vels Medical College Campus.

MAINTANENCE OF SUMPS IN VISTAS



MAINTANENCE OF SUMPS IN VISTAS



MAINTANENCE OF SUMPS IN VMCH CAMPUS



VISTAS installed RO plants to ensure the removal of contaminants, such as dissolved salts, heavy metals, and other impurities, providing clean and safe drinking water for students and staff. Access to clean drinking water promotes better health among the university community, reducing the risk of waterborne diseases and illnesses. Installing RO plants reduces the need for bottled water on campus, thereby cutting down on plastic waste and contributing to environmental sustainability.

MAINTAINENCE OF RO AND WATER TREATMENT PLANT

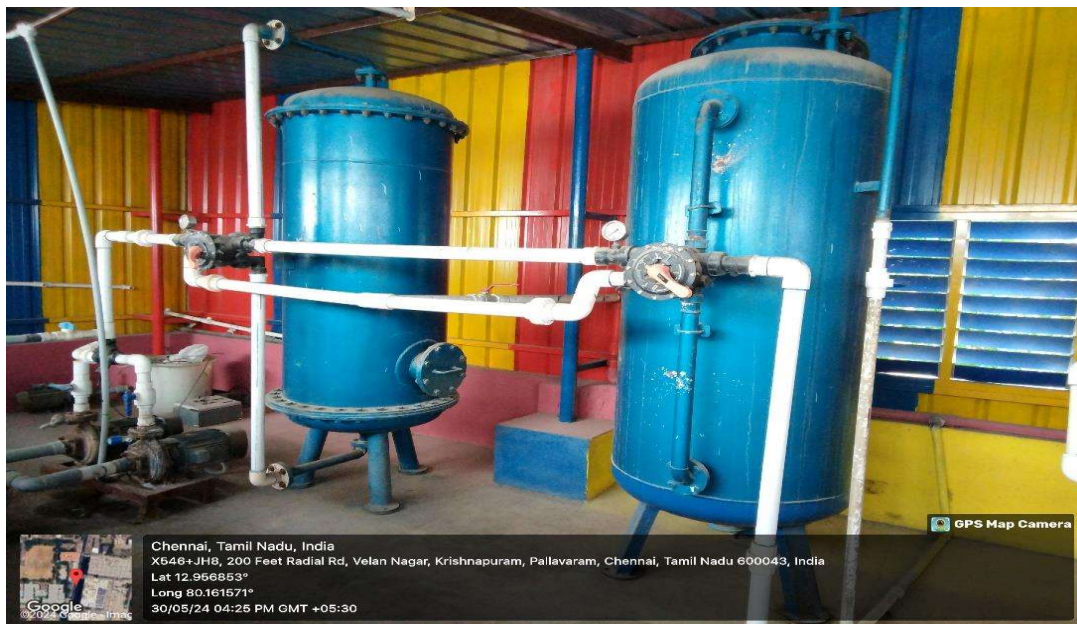
S.No	Particulars	Capacity	AMC team	AMC Period
1	Water Treatment plant	10000 Litres	Aqua care	Oct-23 to Sep-24
2	RO Plant	5000 Litres	Aqua care	Aug-23 to Jul-24



RO WATER PLANT AT GIRLS HOSTEL



RO FILTRATION SYSTEM



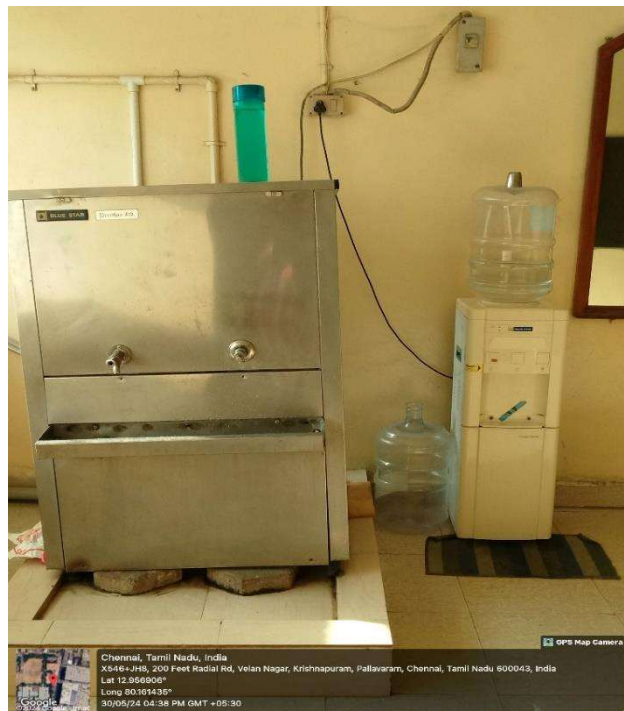
RO MEMBRANE FILTER



CONTROL PANEL



RO TREATED WATER



RO WATER PLANT AT RADHAKRISHNAN BLOCK



VMCH RO DRINKING WATER FACILITIES

Vels Medical College & Hospital, Manjankaranai						
RO Details						
S.no	Location	Equipment Code	OEM	AMC	Capacity/ Hr	Installation Date
1	Hospital Block	VMCH/RO/001	Crystal Water Technologies	Crystal Water Technologies	1000 LPH	23/01/2023
2	Nurses Quarters	VMCH/RO/002	Crystal Water Technologies	Crystal Water Technologies	1000 LPH	13/04/2023
3	Medical College	VMCH/RO/003	Green Aqua Touch Solutions	Under Warrenty	1000 LPH	21/02/2024



RO WATER PLANT AT VMCH



RO WATER PLANT AT NURSING COLLEGE

