



SSBT'S College Of Engineering and Technology and Technology Bambhori Jalgaon.

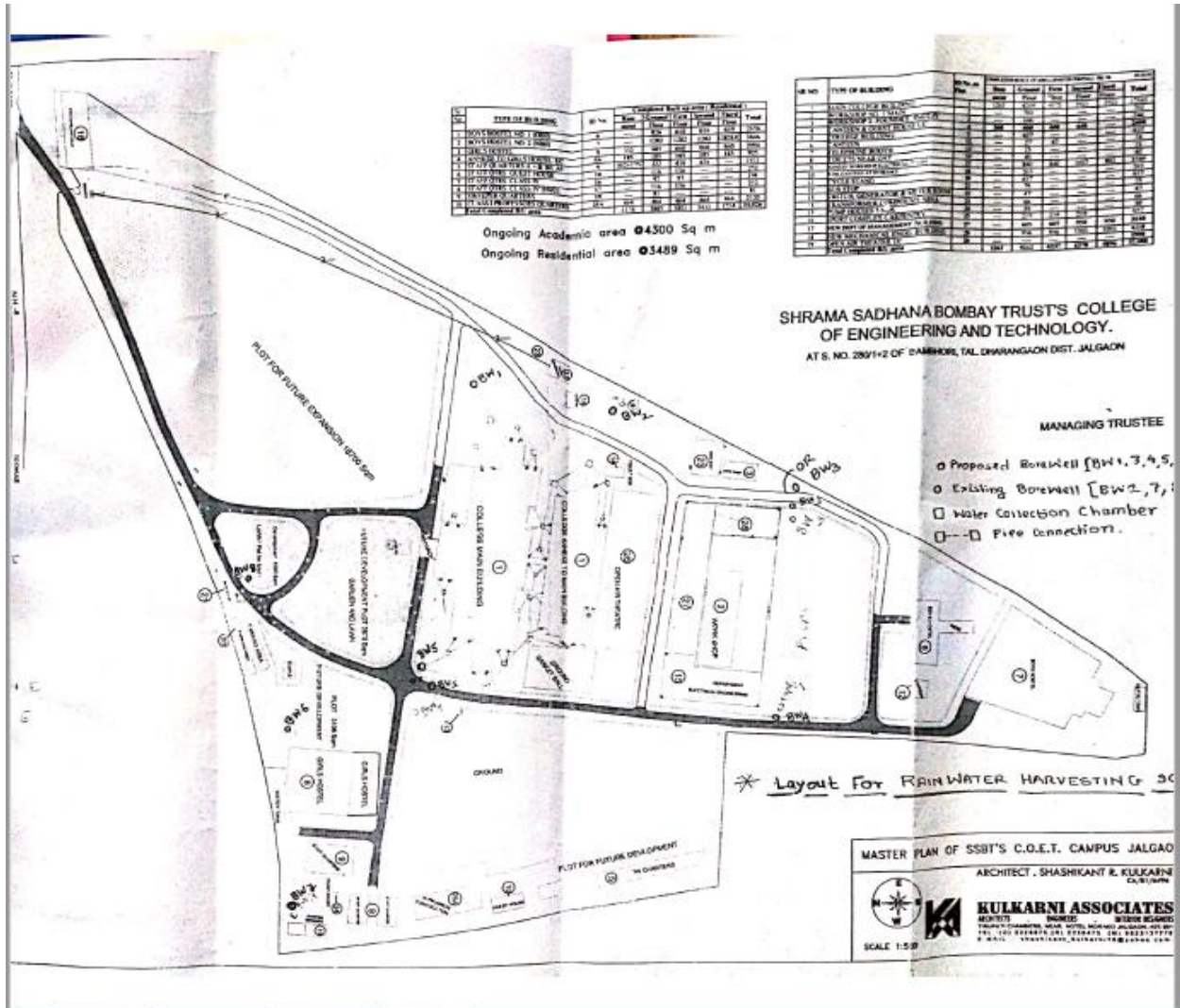
Rain Water harvesting

Response: Yes

RAIN WATER HARVESTING

- The campus has an area of 25 acres. The bore wells are located in different part of the college and get replenished during the rainy season due to surface runoff.
- Owing to the minimal concrete floor construction in campus, rain water can sufficiently penetrate underground thereby maintaining the natural ground water table. Arrangements are made to collect the roof water during rainy season which can further cater to the water requirement for sanitation.
- The catchment area is very large. The rooftops of big buildings are used to collect this rain water and collected water is used for charging water level of the college campus.
- Drip irrigation system is used for garden in the college to save water. The institute ensures optimum utilization of water by creating awareness about leaky taps and pipes. There is continuous observation of water loss and any leaky from overhead tanks.

RAIN WATER HARVESTING



<i>Harvestable Rainwater Quantity Sheet</i>				
Zone	ID No.	Name of BLOG/Location	Catchment area (A) m.sq	Harvestable rain water in Ltr.
I	1	Main Building	1576	1103200
			1576 Sqm.	
	16	Staff Qtrs. Class IV	97	
II		Sweepers Qtrs.	81	555800
	4	Workshop- 3 Fitting	251	
	25	Sport Complex Carpentry	219	
	3	Workshop- 2 Foundry/Smithy	146	
		794		
III	27	New MBA Building	950	2538900
	28	New Mechanical Building	1093	
	2	Workshop Main	702	
	15	Annex W/shop (EE/IT/MBA)	882	
			3627	
IV	24	Pump House	50	1392300
	6	Boys Hostel No.1 (OBH)	610	
	12	Canteen	47	
	7	Boys Hostel No.2 (NBH)	1282	
			1989	
V	5	Canteen	627	1584800
	10	Staff Qtrs. Guest House	136	
	25 A	Class I Prof. Qtrs.	464	
	9	Prof. Qtrs. A+B	175	
	9	Prof. Qtrs. Ao Bo	202	
	8	Girls Hostel	660	
		2264		
Total			10250	71750000

Note:-

1. Harvestable Rainwater quantity is obtained from average rainfall for Jalgaon city 700 mm, source from Metrological Department e Jalgaon.
2. Catchment Area (Terrace Area) of each building.