



# Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120

Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi

## 7.1.4 Measures initiated on Rain water harvesting by the institution

Dr. T Thimmaiah Institute of Technology  
Oorgaum, KGF- 563120

Office Note:-

Date:- 21/04/2021

Sub:- Rainwater Harvesting unit Phase-II (Six Stages) at Academic Main building .

Rainwater harvesting unit had been constructed in collage academic main building, for saving of rainwater to increase the underground water level by recharging old (unused) bore well. The total catchment area is around 16,370 sqr ft. which may collect water of 13,22,780 liters per annum by avg. rain fall of 869 mm during the year (Rain fall recorded in 2020 at PWD guest house Oorgaum unit).

The cost towards purchase of materials for above had been regularized. The labor charges to be reimbursed. The actual expense for the above is Rs. 20,000/-.

Kind request for approval and payment. The construction work had been successfully completed in duration of two months.


Layout plan of above works is enclosed here with.

For kind information please.


Thanking you,

  
22/4/2021  
Estate Manager  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum Post, Kolar Gold Fields-563120

PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F. 563120

  
22/04/2021  
HOD  
Stores & Purchase  
GVET  
Dr. H.G. Shenoy  
Head of the Department  
Stores/Purchase  
Golden Valley Education Trust  
Kolar Gold Fields - 563120

Note: Cash may be credited to account of Mr. Deva Sagayam M

  
22/4/22  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F. 563120

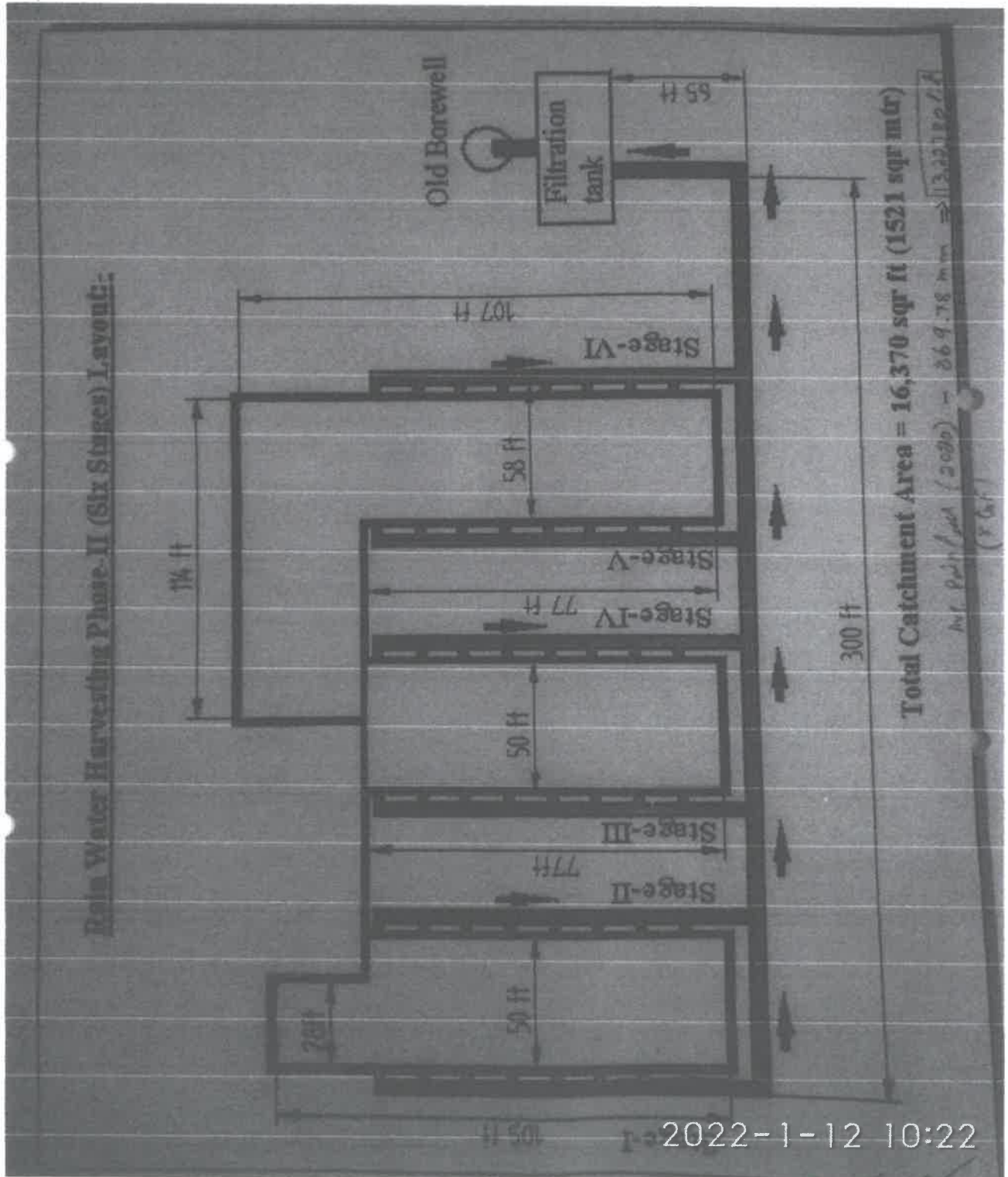


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## DR. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, OORGAUM, KGF WATER STORAGE & DISTRIBUTION DETAILS INSIDE THE CAMPUS

Sl.No.	Name of the block	U/G Sump Tank	Area cum	Capacity of tank (litres)	OHT (litres)	Total (litres)	Bore well point	Capacity of pump	Time required	Remarks
1	Main Admin Block G+2 and New Academic block G+2	12' x 10' x 8'6"	29.14	25142.00	1000 = 5 750 = 1 2000 = 2 9750.00	38892.00	Near DG set	1 HP = 1 No 0.5HP = 1 Nos	1 hour	1 HP Submersible pump is required
2	Block -A Hostel	8' x 6' x 5' 10' x 10' x 6'	6.86 17.14	6860.00 17140.00 24000.00	4' x 5' x 5' 2857.00	26857.00	CMC	0.5 HP = 1 Nos 1.5 HP = 2 Nos(S) 1 in use and 1 in spare	1hour	
3	Block -B Junior Boys Hostel	11' x 6' x 11'	20.74	20740.00 (not in use)	2 x 6' x 8' x 14'6"=38400.00	59140.00	Near DG set	Directly from bore well	1.5 hour	1 HP Submersible pump is required
4	Block -C Senior Boys Hostel	11' x 16' x 9' 11' x 6' x 9'	45.26	45260.00 45260.00 (not in use)	5000 = 5 Nos 25000.00	115520.00	Near ground	1 HP = 1Nos (Submersible)	2 hours	
5.	Mess block				2000 = 2 Nos 4000.00	4000.00	Near ground	Same motor of Block -C		
6.	Block- D Hostel				1 x 2000 = 2000.00	2000.00	From girls hostel	Same from girls hostel	1 hr	
7.	Girls Hostel	10' x 14' x 9'	36.00	36000.00	6' x 8' x 5' x 3 20570.00	56570.00	Near DG set	3 HP = 1 Nos	2hr	
8.	New block				3 x 1000 = 3000.00	3000.00	Near DG set	1 HP = 1 Nos	1hr	
9.	Canteen	6' x 6' x 5'	5.14	5142.00	4000.00	9142.00	Near DG set	1 HP = 1 Nos	30 min	
						2,76,229.00				

Note:- 1cum = 1000 litres,

*[Signature]*  
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