

C.W.S.S. TO KV KOTTAKAM AND 43 HABITATIONS

1	Scheme Cost		Rs 26.37 Lakhs
2	Beneficiaries		Habitations - 44Nos.
3	Populations		22374
4	Designed Quantity		0.9mld
5	Head works		
	Source		
	Type:	Borewell	Borewell
	Depth	234 m	420 m
	Yield:	1000lpm	700 lpm
6	Pumpset		
a	Type :	Submersible	Submersible
b	Duty Condition:	900 lpm x 25 m Head(7.5 HP)	600 lpm x 75 m Head(15 HP)
c	Hours of Pumping		11 Hours
7	Pumping main	200 mm AC 10 KSC	4095 m
		200 mm AC 10 KSC	2900 m
		160 mm PVC	5430 m
8	Booster station		
	Location:	Sattiyakudy	

Sump Size : 30000 lits

Pumpset i) Submersible (Open well Type)

3 / 7 lps at 55/30 m -7.5 HP

ii) Submersible (Openwell Type)

450 lpm at 50m head -10 HP

9 Feeder Mains:

140 mm PVC 900 m

110 mm PVC 5700 m

90 mm PVC 3800 m

10000 lits - 21
nos.

10 Service Reservoirs with capacity

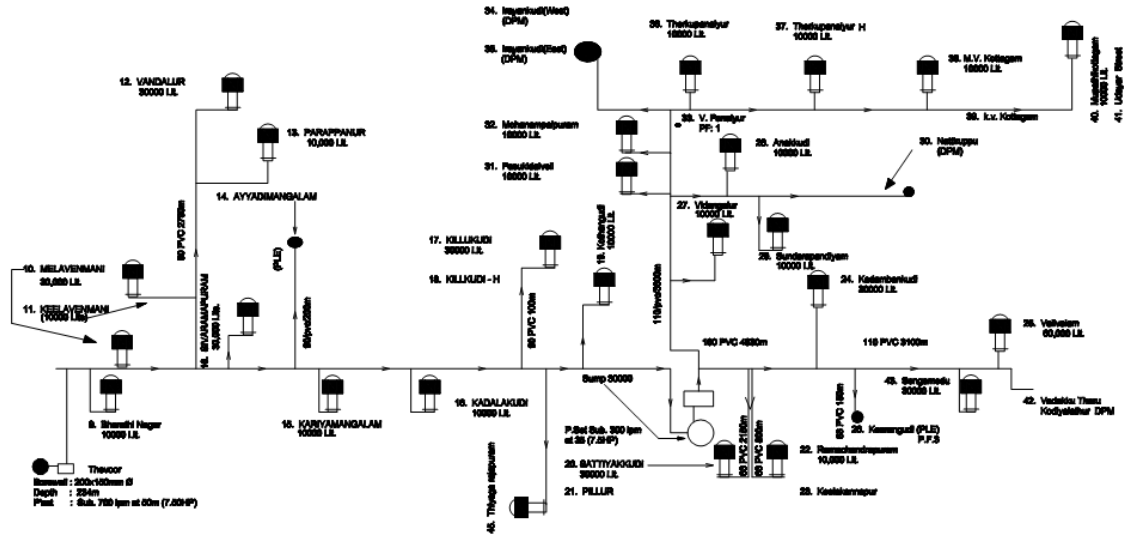
30000 lits -9 nos.

60000 lits - 1 no.

1.00 lakhs lits - 1
no.

C.W.S.S. TO. K.V. KOTTAGAM AND 43 OTHER HABITATION (PART I)

FLOW DIAGRAM



C.W.S.S. TO. K.V. KOTTAGAM AND 43 OTHER HABITATIONS (PART II)

FLOW DIAGRAM

