

## **SALIENT DETAILS**

### **C.W.S.S. TO PERIA KODIVERI, VANIPUTHUR, K.N. PALAYAM, RTP, & OTHER VILLAGE PANCHAYATS IN T.N. PALAYAM UNIONS**

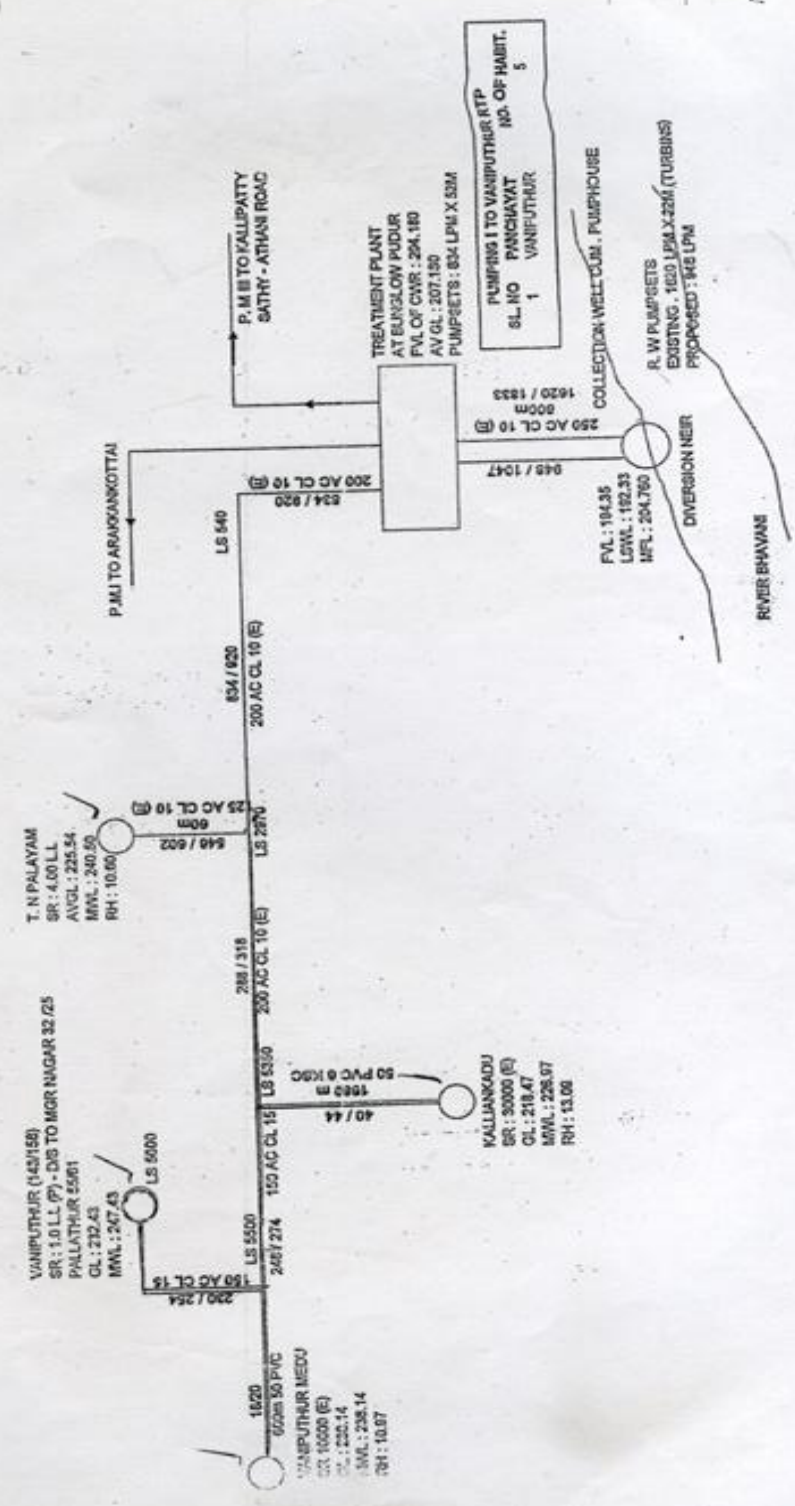
1	Scheme Cost	Rs. 377.49 Lakhs
2	Beneficiaries	: Town Panchayat – 3 Nos, Habitations – 20 Nos
3	Populations	: 97649
4	Designed Quantity	5.35 MLD
5	Head works with Source details	: Surface Water - River Bhavani at Periakodiveri and Bungalowpudur
6	Pumpset	
i	(BUNGALOWPUDUR H.W)	
a	Type	Turbine pumpset
b	Duty	2563 LPM x 24m
c	Hours of Pumping	24 Hours
ii	(PERIAKODIVERI H.W)	
a	Type	Turbine pumpset
b	Duty	1729 LPM x 24m
c	Hours of Pumping	24 Hours
7	Treatment Plant	
a	Capacity	2.86 MLD
b	Chlorination	Gas Chlorination
i	BUNGALOWPUDUR H.W	
a	Type	Centrifugal - HSC
b	Duty	445 LPM x 49m, 834 LPM x 52 m
		1162 LPM x 43 m

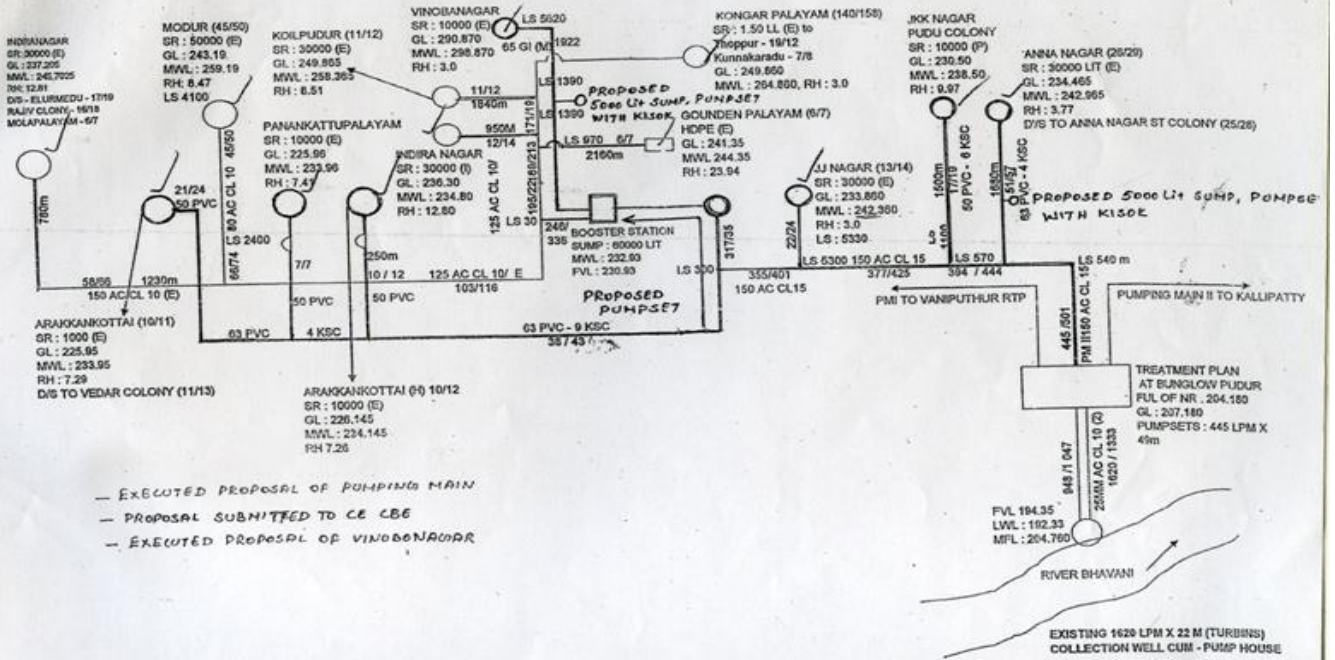
c	Hours of Pumping	24 Hours
ii	PERIAKODIVERI H.W	
	Type	Centrifugal - HSC
	Duty	(1) 1283 lpm X 38 m 364 lpm X 31 m
	C) Hours of Pumping	24
8	Transmission Main	
a	Pumping main	48.60KM
9	Booster station	(BU NGALOWPUDUR)
a	Sump with capacity	1. Booster at Vaniputhurr - 60000 LIT  2. Booster at Annanagar - 30000 LIT 3. Booster at Thusunagar - 30000 LIT 4. Booster at Chathrampudur - 1.00LL 5. Booster at K.N. Palayam - 30000 LIT 6. Booster at Annanagar - 5000 LIT 7. Booster at Vnoba nagar - 5000 LIT 8. Booster at Chinnakaliyur - 5000 LIT
b	Pumpset details	1. Vaniputhurr 298 LPM x 39m, 19LPM x 80m 2. Annanagar 92 LPM x 25m 3. Thusunagar 116 LPM x 30m 4. Chathrampudur 179 LPM x 24m, 561 LPM x 45m 5. K.N. Palayam 118 LPM x 20m, 35LPM x 58m 6. Annanagar 100 LPM x 40m 7. Vinobanagar 100 LPM x 40m 8. Chinnakaliur 100 LPM x 40m
10	Feeder Mains:	NIL

11 Service Reservoirs with capacity

- 30000 LTS -26 Nos
- 2.5 LL-2 Nos
- 10000 LTS - 6 Nos
- 2.00 LL - 1 No
- 1.00 LL - 3 Nos
- 4.00 LL - 1 Nos

PERIYAKODNER C.W.S.S - BANGALOW PUDUR HEAD WORKS - SHEET: 1405

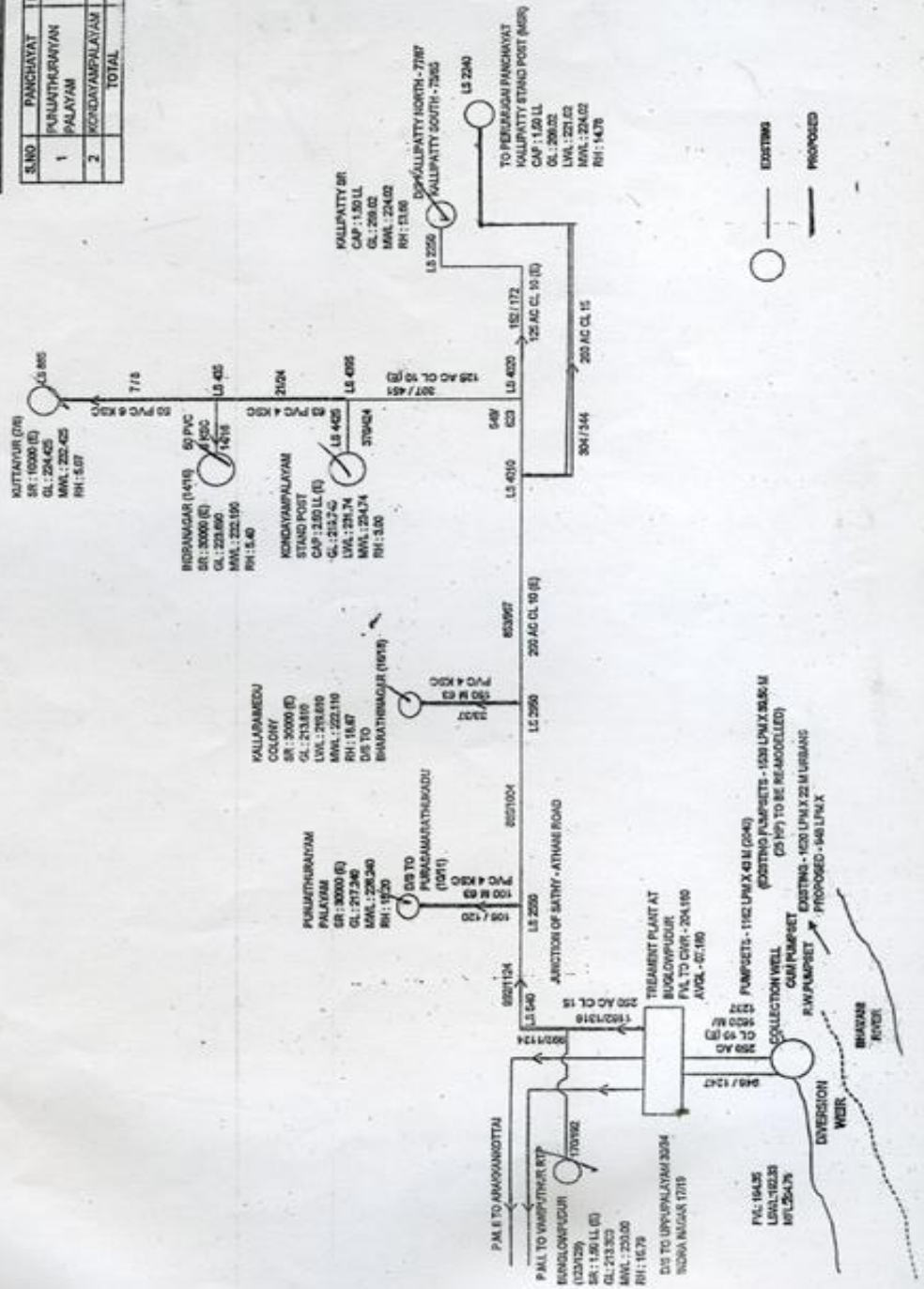




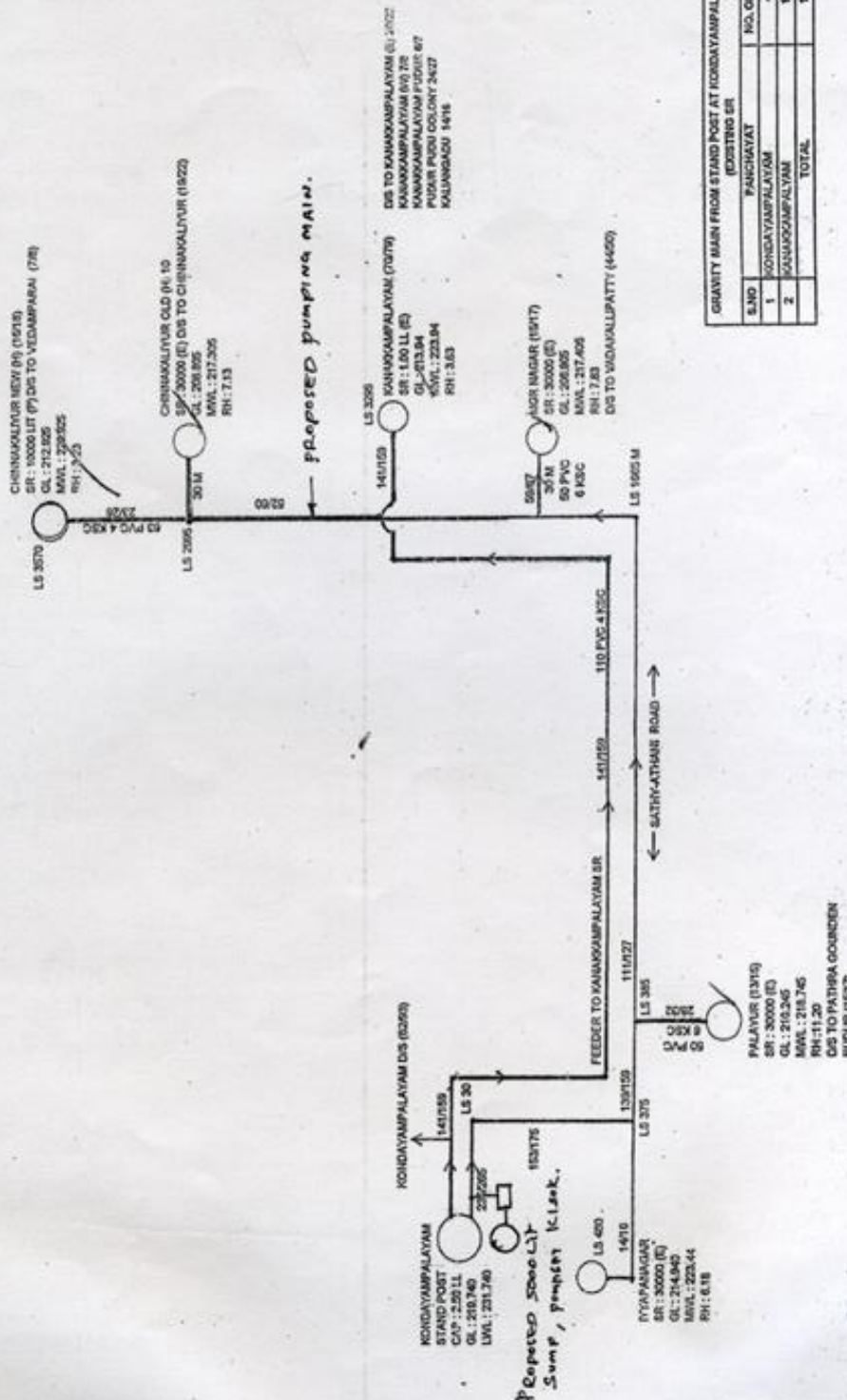
SHEET: 3

PURIFICATION OF WATER FROM TREATMENT PLANT AT BUNGLOMPOUR

S.NO	PANCHAYAT	NO. OF HUB.
1	PULATHURAYAN	6
2	KODAYAMPALAYAM	5
TOTAL		11

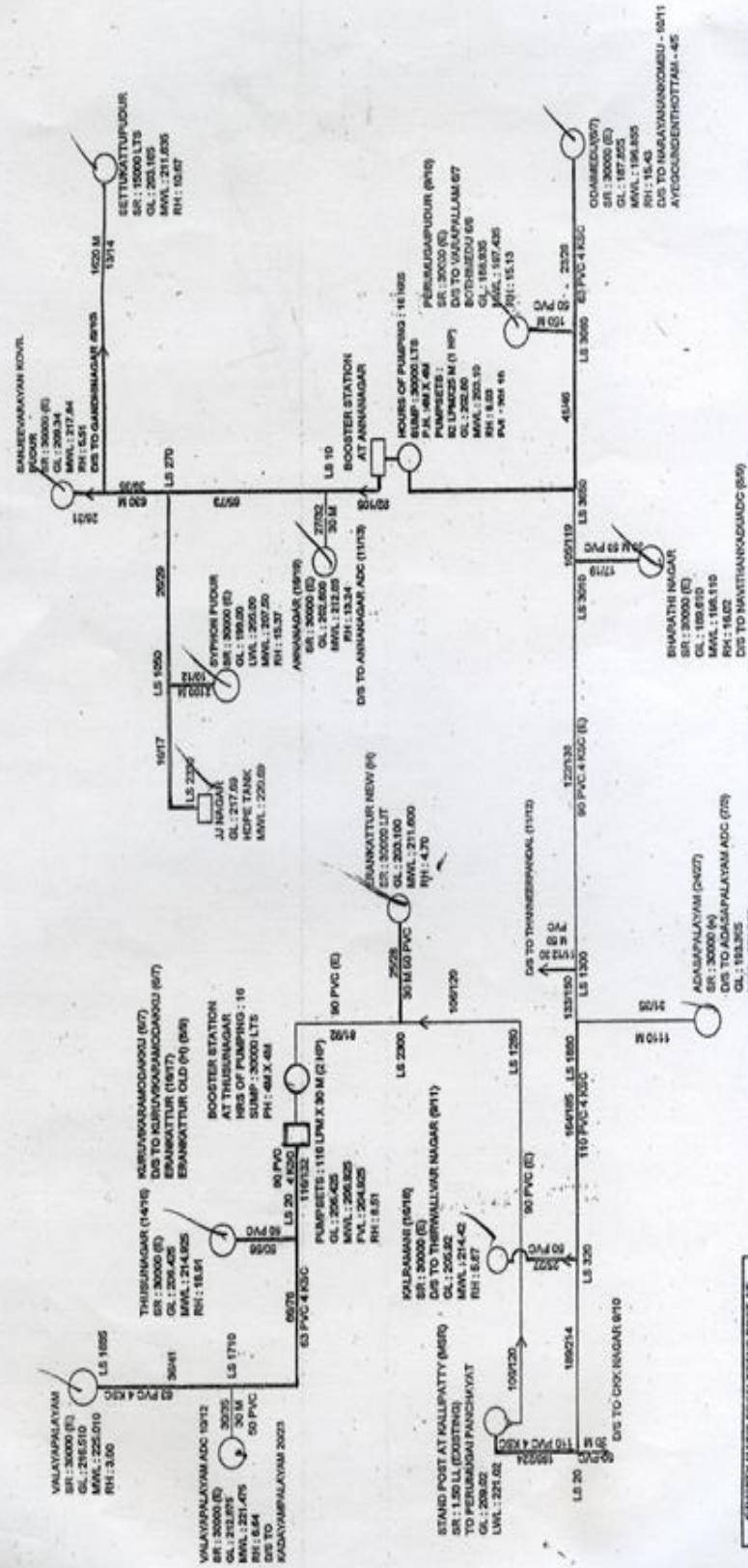


SHEET: 4.



GRAVITY MAIN FROM STAND POST AT KONDAYAMPALAYAM (EXISTING DS)		
S.NO	PANCHAYAT	NO. OF HUB.
1	KONDAYAMPALAYAM	4
2	KANAKAMPALAYAM	12
<b>TOTAL</b>		<b>16</b>

SHEET : 5



GRAVITY MAINS FROM STAND POST AT KALLIPATTY		NO. OF PANCHAYAT	
S.NO	1	PANCHAYAT	PERUMBANGUR
TOTAL		1	15

BOOSTER MAIN		NO. OF PANCHAYAT	
S.NO	1	PANCHAYAT	PERUMBANGUR
TOTAL		1	35