

## **SALIENT DETAILS**

### **CWSS TO THIRUPANJEELI , THIUVELLARAI & 19 OTHER HABITATIONS IN MANACHANALLUR UNION - TRICHY DISTRICT**

1	Scheme Cost	Rs.656 Lakhs.
2	Beneficiaries	Habitations - 21 Nos
3	Population	22383
4	Design Quantity	1.52 mld
5	Hours of Pumping	16
6	Head Works	
	Source	Infiltration Well
	Infiltration Well	1 Nos.Dia 3.50m, Depth 7.50m.
	Pump House	1 No. (11.0 m x 7.0 m)
	Pumpsets:	30 HP Submersible - 2 Nos. (1+1) 1542 lpm x 54 m head.
	Booster station I	at Thirupanjeeli
	Sump capacity - 1.00 LL	
	Pump House	4.5 M x6.00 M
	Pumpsets:	10 HP - 2 Nos Monoblock Pump set 801 lpm x 33 M head 5 HP - 2 Nos Monoblock Pump set 324 lpm x 4 m M head
	Pumping Main	
	200 MM CI D/F Pipes	240 m
	200 MM CI LA pipes	44 m
	200 MM AC CL 15 Pipes	5819 m
	Total	6103 m
	Branch Pumping Main	
	63 mm PVC 6 KSC	4896 m
	50 mm G.I. Pipe	42 m
	Total	4938 m

Booster Main I

110 mm OD PVC 4 KSC Pipes 2386 m

63mm OD PVC 6 KSC Pipes 5196 m

50 mm G.I. Pipe 42 m

7624 m

Service Reservoirs 1.00 LL 1 No

0.60 LL 9 Nos

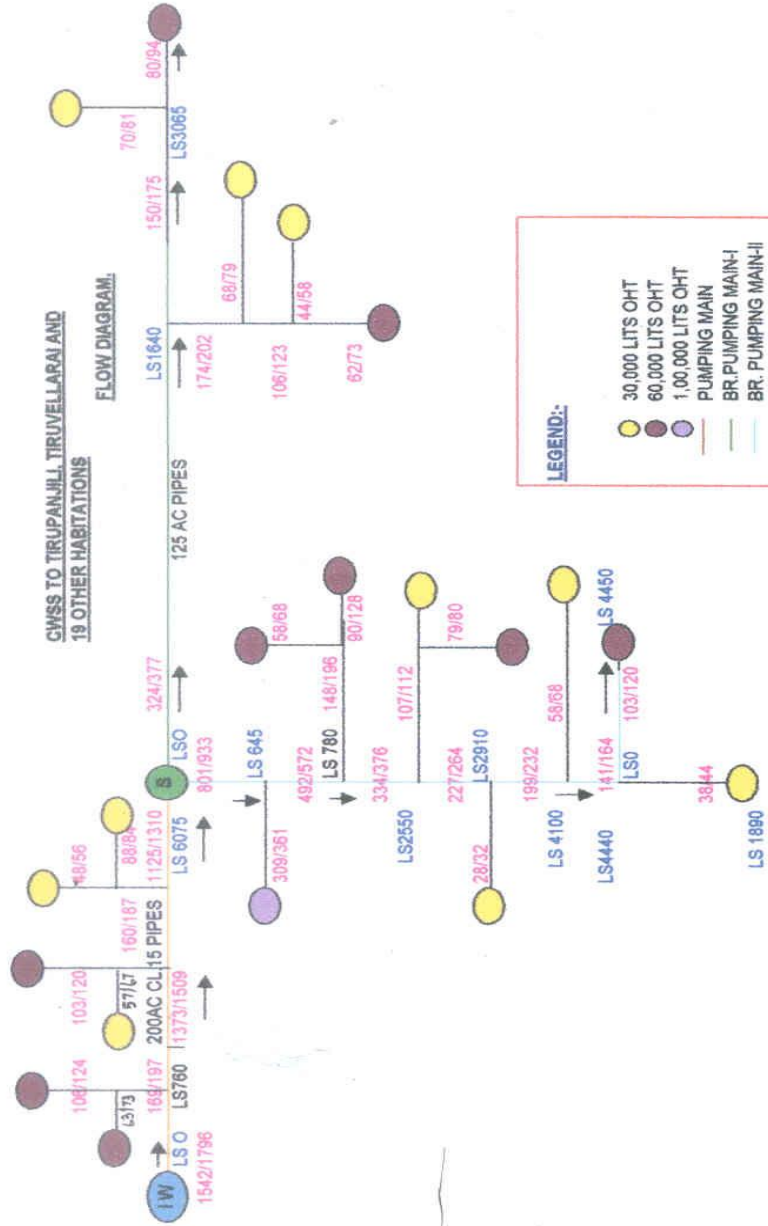
0.30 LL 10 Nos

**CWSS TO THIRUPANJEELI HEAD WORKS**



**CWSS TO TIRUPANJILI, TRUVELLARAI AND  
19 OTHER HABITATIONS**

**FLOW DIAGRAM**



**LEGEND:-**

- 30,000 LITS OHT
- 60,000 LITS OHT
- 1,00,000 LITS OHT
- PUMPING MAIN
- BR. PUMPING MAIN-I
- BR. PUMPING MAIN-II