

SALIENT DETAILS

CWSS TO VEPPUR AND 5 OTHER HABITATIONS IN ARCOT UNION IN RANIPET DISTRICT

1 Scheme Cost

a) Installation cost : Rs.20.85 Lakhs

b) Annual Maintenance cost : -

2 Administrative approval No & Amount : Rs 20.85 Lakhs

3 Technical Sanction No & Amount : -

4 Beneficiaries :

SI. No	Panchayat	Habitation	Others	SC/ST	Total	Requirement in Lakh Lit/day
1.	Veppur	1) Veppur	1650	-	1650	
2.	Taj pura	1) Krishna puram	3300	440	3740	
		2) Kannikoil Theru	980	65	1045	
3.	Thazhanur	1) Indiranagar		500	500	
		2) Bharathinagar		880	880	
	TOTAL				7815	7.850

5 Population

i) Present Year 2009 7815

ii) Intermediate

iii) Ultimate

6 Level of Service : 40 Lpcd

7 Designed Quantity

(a) Present : 2.10 Lakhs

(b)Intermediate : -

(c)Ultimate : -

8 Year of Completion & Commissioning : 1993

9 Original Scheme : Original

10 Improvement Scheme : -

11 Head works with Source details

- a) Source : 3.5m dia 7.00m Depth Infiltration well at river Palar Near Veppur – 1Nos,
- b) Yield of the source : 600 Lpm
- c) Pumpset : Submersible Pumpsets for I.W
10 HP – 500 Lpm x 50m – 2 Nos
(Stand by Pumpset)

- d) Hours of Pumping : 8 hours

- 12 Pumping Main : 160mm dia OD PVC Pipe (4KSC) – 1075m
140mm dia OD PVC Pipe (4KSC) – 840m
110mm dia OD PVC Pipe (4KSC) – 2900m
90mm dia OD PVC Pipe (4KSC) – 1120m
75mm dia OD PVC Pipe (4KSC) – 300m
60mm dia OD PVC Pipe (4KSC) – 1120m

Total – 7355m

- 13 Gravity Main : Nil

- 14 Booster Stations : Nil

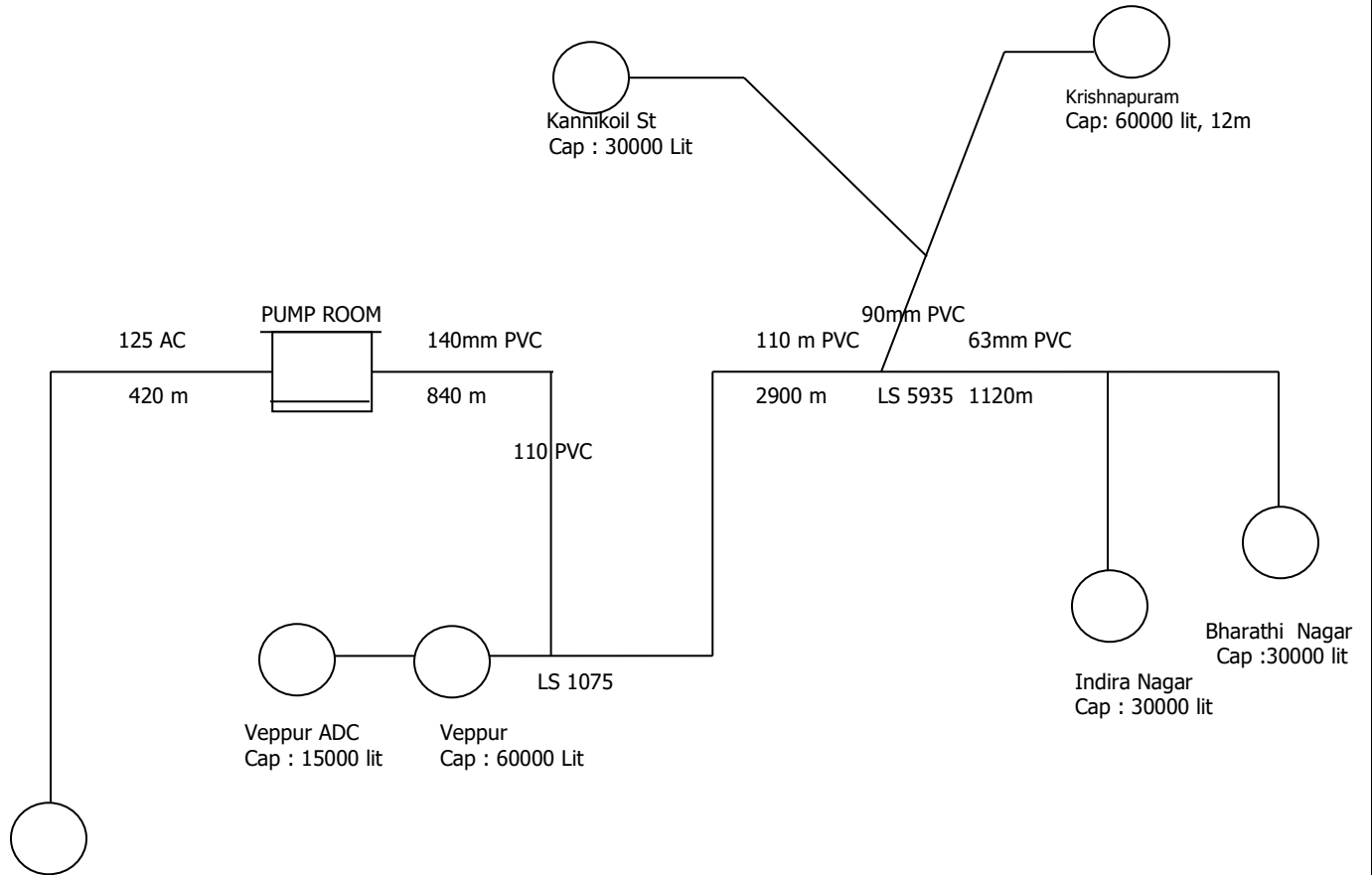
- i) Sump : Nil
- ii) Pumpset : Nil

- 15 Service Reserviors :
 - i) Veppur - 60,000 Lit
 - ii) Veppur ADC - 10,000 Lit
 - iii) Kannikoiltheru - 30,000 Lit
 - iv) Krishnapuram - 60,000 Lit
 - v) Ramanathapuram - 60,000 Lit (Not supplied)
 - vi) Indira Nagar - 30,000 Lit
 - vii) Bharathinagar - 30,000 Lit

- 16 Separate power feeder main details : -

- 17 Distribution System : 8724m

CWSS TO VEPPUR AND 4 OTHER HABITATIONS IN ARCOT UNION IN RANIPET DISTRICT



I.W
 River Palar near Veppur
 Dia : 3.50 m
 Depth : 7.0 m
 Yield : 600 Lpm
 Sub Pumpset
 HP : 7.5 HP
 Duty : (300 Lpm x 41m)

