

**CWSS TO 43 HABITATIONS IN LALGUDI, PULLAMBADI UNIONS OF
TRICHY DISTRICT AND ALATHUR, THIRUMANUR UNIONS OF
PERAMBALUR DISTRICT**

SALIENT DETAILS

1	Scheme Cost	Rs.1205.60 Lakhs
2	Beneficiaries	Town Panchayat - 1 No Habitations 43 Nos
3	Population	61260
4	Designed quantity	4.35 mld
5	Hours of Pumping	22 Hours
6	Head Works at Manamedu	
	Infiltration Well - 3 No.	
	Diameter	3.50 m
	Storage depth	8.00 m
	Yield	2000 lpm.
	Pumpset:	
	Infiltration Well	10 HP Sub 1265 lpm x 20 m - 1No 40 HP HSC Cent 3794 lpm x 28 m - (1 +1)
	Sump capacity	2.655 Lakhs Lit.
	Diameter	10.75m
	Storage depth	3.30m.
	Pumproom	8.0m x 6.0m.
7	Pumping main:	
	350 mm PSC 6 KSC Pipe	6195
	350 mm PSC 4 KSC Pipe	3225
	Total	9420

8 **Booster Station at Pullambadi**

Collection sump and pump room:

Sump capacity 2,31,300 Lit.

Diameter 10.00m

Storage depth : 3.40m.

Pumpset:

BMI 40 HP Sub 225lpm x 60 m (1 + 1)

BMIA 25 HP Sub 655 lpm x 66 m (1 + 1)

BMIB 15 HP Sub 399 lpm x 442 m(1 + 1)

Pumping main:

BM I

350 mm PSC 16-6 KSC Pipe 13525 m

BM IA

150 mm AC CL20,15 5755 m

140 mm PVC 6, 4 KSC Pipe 11174 m

BM IB

150 mm AC CL,15 1939 m

140-90 mm PVC 4 KSC Pipe 8598 m

Booster Station at

Alunthalaipur

Collection sump and pump room:

Sump capacity 2,31,300 Lit.

Diameter 10.00m

Storage depth 3.40m.

:

Pumpset:

7.5HP Sub 349lpm x 33 m : (1+1)

12.5HP Sub 766 lpm x 35 m : (1+1)

12.5HP Sub 950 lpm x 33 m : (1+1)

BM II

150 mm Ac 2700 m

140-110 mm PVC Pipe 4405 m

BM IIA

150 AC Pipe 6449 m

140-90 mm PVC Pipe 5992 m

BM IIB

200-150 mm AC Pipe 5511 m

140-90 mm PVC Pipe 10720 m

Booster Station at Niekulam

Collection sump and pump room:

Sump capacity 30,000 Lit.

Diameter 3.60m

Storage depth : 3.00m.

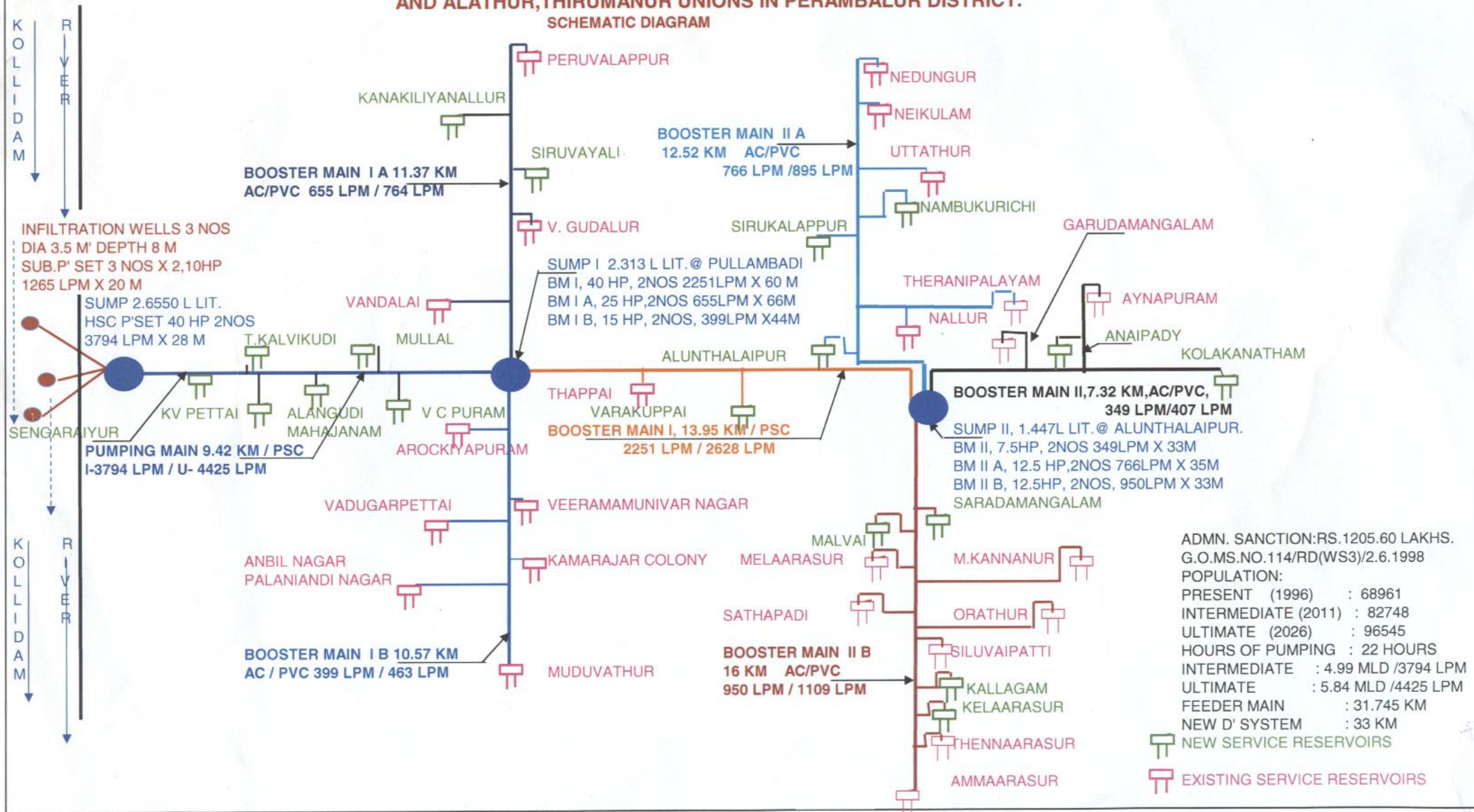
Pumproom : 8.0m x 6.0m.

Pumpset: 5HP open well submersible 349 lpm
x 33m

9 Service Reservoirs 41 Nos

CWSS TO 43 HABITATIONS IN LALGUDI, PULLAMBADI UNIONS IN TRICHY DISTRICT AND ALATHUR, THIRUMANUR UNIONS IN PERAMBALUR DISTRICT.

SCHEMATIC DIAGRAM



ADMN. SANCTION:RS.1205.60 LAKHS.
G.O.MS.NO.114/RD(WS3)/2.6.1998
POPULATION:
PRESENT (1996) : 68961
INTERMEDIATE (2011) : 82748
ULTIMATE (2026) : 96545
HOURS OF PUMPING : 22 HOURS
INTERMEDIATE : 4.99 MLD /3794 LPM
ULTIMATE : 5.84 MLD /4425 LPM
FEEDER MAIN : 31.745 KM
NEW D' SYSTEM : 33 KM