

## **C.W.S.S.TO VALLALNATHI AND 22 OTHER HABITATIONS**

- 1 Scheme cost Rs.76.13 Lakhs
- 2 Beneficiaries Habitations – 23 Nos.
- 3 Population 32435
- 4 Designed Quantity 1.53 mld
- 5 Head works with Infiltration Well -3Nos.(4.50 dia- 2Nos. and 3.50m  
source details dai-1No.)
- 6 Pumpset Submersible:
  - 1) 7.5 HP x 500 lpm x40m-1No.
  - 2) 6 HP x 500 lpm x25m -1No.
  - 3) 3 HP x 800 lpm x9m -1No.
  - 4) 15HP x 400 lpm x25m -1No.
  - 5) 35HP x 1200 lpm x 70m -2 Nos.
- 7 Hours of Pumping 18Hours
- 8 Transmission Main
  - a Pumping main
    - 1)200mm AC Cl.15 pipes-3100m
    - 2) 200mm AC Cl.10 pipes-6565m
    - 3)160mm OD PVC 4Ksc pipes-2790m
- 9 Booster station
  - a Sump with 0.60 lakh litres  
capacity
  - b Pumpset details  
At Adaikkampatti -1)10HP x 425 lpm x 30m -2 Nos.

At M.Subbulapuram:

1)7.50HP x 400 lpm x 50m -3Nos.

10 Feeder mains

1)63mm OD PVC 4Ksc pipe-4516.50m

2) 110mm OD PVC 4Ksc pipe-2904m

3) 63mm OD PVC 4Ksc pipe-2789m

4)90mm OD PVC 4Ksc pipe-1200m

11 Service Reservoirs

10,000 Lit. – 9 Nos.

with capacity

15,000 Lit. – 6 Nos.

30,000 Lit. – 8 Nos.

60,000 Lit. – 3 Nos.

1, 00,000 Lit. – 2 Nos.

3, 00,000 Lit. – 1 No.

LW 4.5m - 2 no

LW 3.5m - 1 no

Sub.P'set:6HP(600rpmX25m) - IW 1

Sub.P'set:7.5HP(510rpmX40m)

Sub.P'set:3.0HP(900rpmX5m) } LW 2

Sub.P'set:15HP(900rpmX60m) - IW 3

### C.W.S.S. TO VALLATHNATHI AND M. SUBBULAPURAM AND 21 OTHER HABITATIONS IN THENI DISTRICT

#### FLOW DIAGRAM

