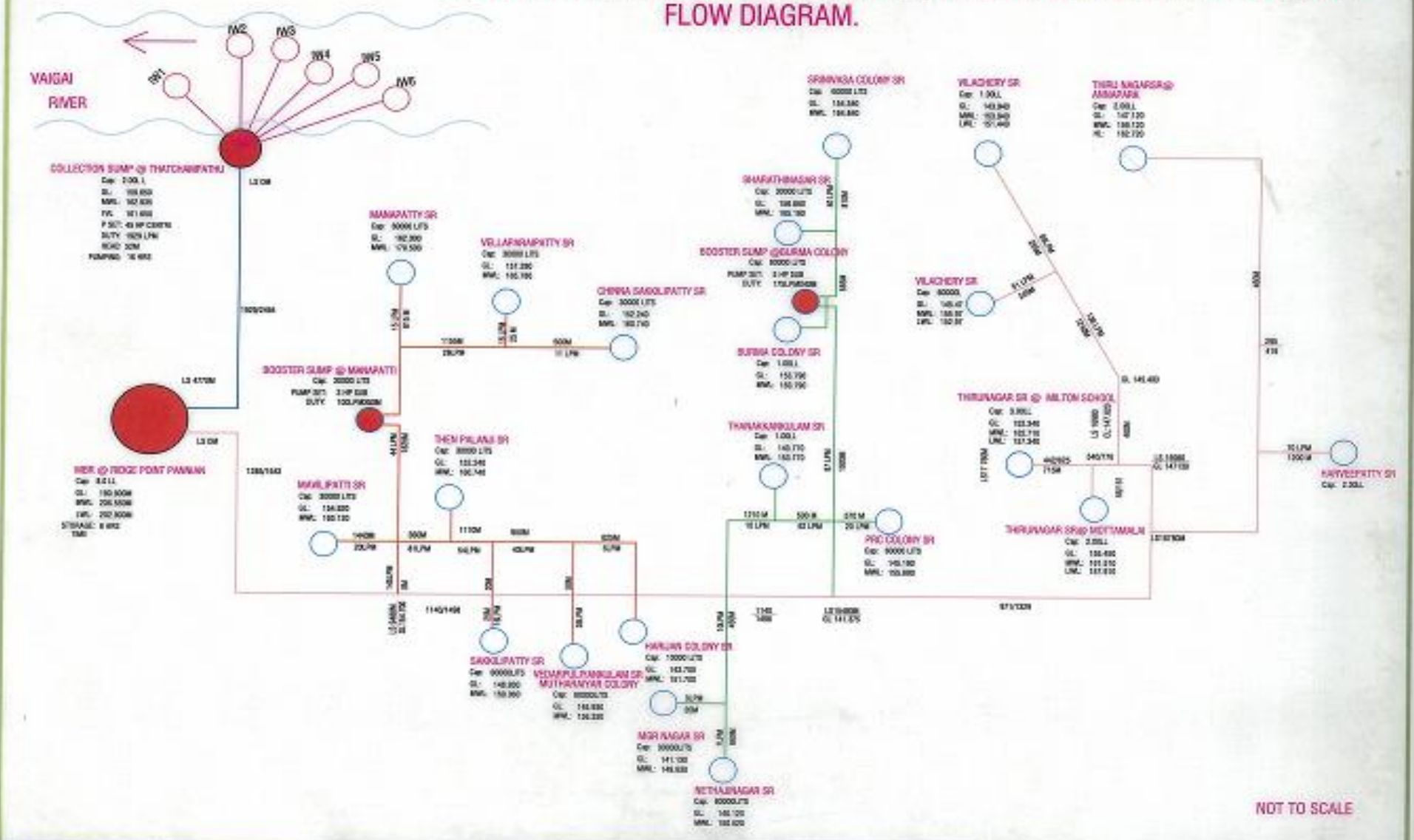


## **CWSS TO THIRUNAGAR AND 17 OTHER HABITATIONS**

- 1. Scheme Cost** : Rs. 499.60 Lakhs.
- 2. Beneficiaries** : Town Panchayat – 2 Nos.  
Habitations - 36Nos.
- 3. Population** : 48108
- 4. Designed Qty** : 1.90 mld
- 5. Head Works**
- a. Source** : River Vaigai  
Infiltration wells – 6 Nos.
- b. Pumpset** : 3 HP Submersible - 450 lpm X 17m  
(In each well with one No. Standby)
- c. Sump** : 2 Lakh Lit. ( Elevated)
- d. Main Pumpset** : 45HP Centrifugal - 1929 lpmX50m - 2 Nos.  
(One No. Standby)
- 6. Hours of Pumping** : 16 hours
- 7. Booster Station**
- a.Mannapatti**
- Sump** : 30000 Lit.
- Pumpset** : 3 HP Submersible - 100 lpm X 50 m
- b.Burma colony**
- Sump** : 60000 Lit.
- Pumpset** : 5 HP Submersible - 175 lpm X 40 m
- 8.Transmission main**
- a. Gravity main** : 4369 m
- b. Pumping main** : 17951 m
- 9. Service Reservoirs** : 21 Nos.

### CWSS TO TIRUNAGAR SVP & 17 OTHERS HABITATIONS IN MADURAI DISTRICT. FLOW DIAGRAM.



NOT TO SCALE