

**C.W.S.S.TO JANGALPATTI AND OTHER HABITATIONS IN
THENI UNION.**

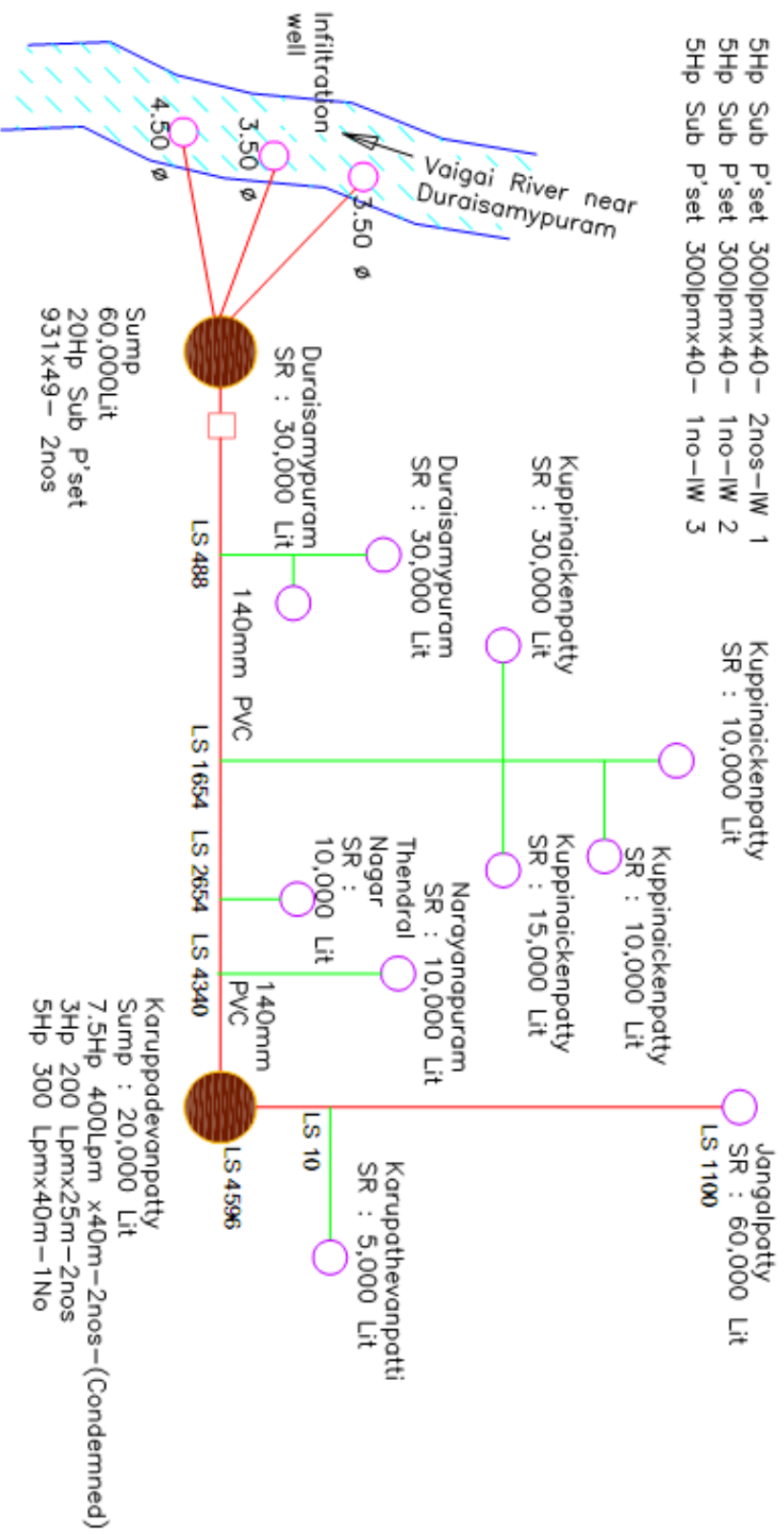
- 1 Scheme cost : Rs59.00 Lakhs
- 2 Beneficiaries : Habitations – 4 Nos.
- 3 Population : 3897
- 4 Head works with source details : Infiltration Well -2 Nos. (3.50 dia)
- 5 Pumpset
 - a Type : Submessible
 - b Duty : 1)15 Hp x 300lpm x 40m -4Nos.
2) 20.00 Hp x 931lpm x 49m -2Nos.
- 6 Hours of Pumping : 10Hours
- 7 Transmission Main
 - a Pumping main : 1)150mm CI D/F Pipe -68m
2) 150mm CI S/S Pipe -211M
3) 150mm AC CI .10 pipe-882m
4)140mm PVC pipe-4850m
5) 110mm PVC 4Ksc pipe-624m
6) 75mm PVC 4Ksc pipe-900m
7) 63mm PVC 4Ksc pipe-362m
- 8 Booster station : Karuppathevanpatti
 - a Sump with capacity 0.20 Lakhs litres capacity
 - b Pumpset details 5 HP x 300 lpm x 40m Sub' P' Set – 1No
- 9 Feeder mains : 75mm pvc 4Ksc pipe-1748m
63mmPvc 4Ksc pipe-352m

- 10 Service Reservoirs : 5000 Lit. – 1 No.
10,000 Lit. – 3 Nos.
15,000 Lit. - 1 No.
30,000 Lit. – 3 Nos.
60,000 Lit. – 1 No.

C.W.S.S TO JANGALPATTI & 5 OTHER HABITATIONS IN THENI DISTRICT

FLOW DIAGRAM

5Hp Sub P'set 300lpmx40- 2nos-IW 1
 5Hp Sub P'set 300lpmx40- 1no-IW 2
 5Hp Sub P'set 300lpmx40- 1no-IW 3



— Pumping main
 — Branch main

Scale : Not to scale