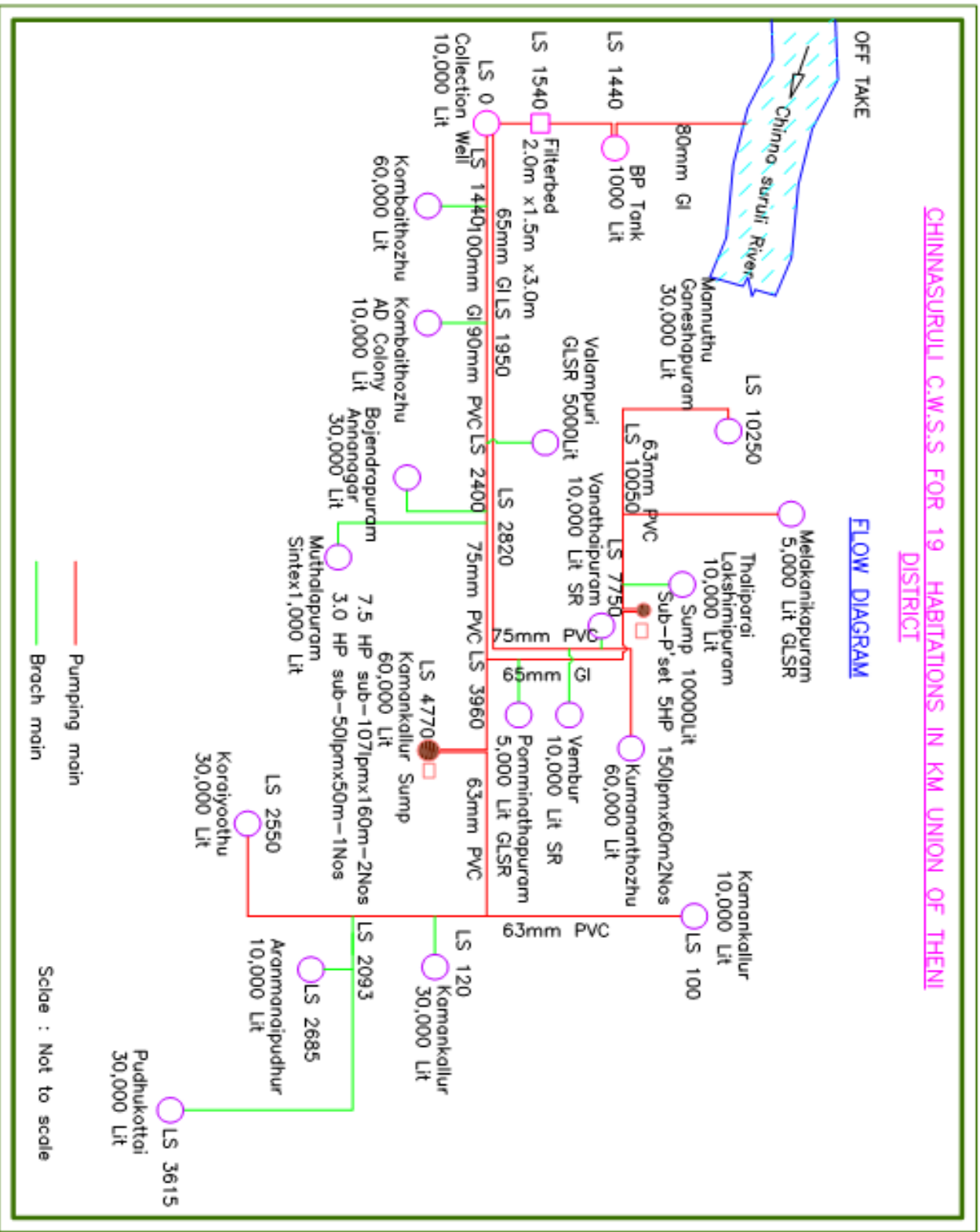


C.W.S.S. to Chinnasuruli and other habitations

1	Scheme cost	Rs.69.04 Lakh
2	Beneficiaries	Habitations – 16 Nos.
3	Populations	4224
4	Designed Quantity	0.22 mld
5	Head works with source details	Off –take in Chinnasuruli River
6	Hours of Operation	24 hours
7	Transmission Main	
a	Gravity main	100mm GI pipe- 1440m, 90mm Pvc 6 ksc 1380m, 75mm Pvc 6 ksc 1140m, 65mmGI pipe- 2130m, 50mm GI pipe- 720m, 63mm Pvc 6 ksc pipe-2490m, 63mm Pvc 4 ksc pipe-1050m Branch 63mm Pvc 6 ksc pipe-1450m 63mm Pvc 4 ksc pipe-1200m
8	Booster station	1) Kamankallur 2) Thaliparai
a	Sump with capacity	1)Kamankallur - 60000lit, 2) Thaliparai - 10000 lit
b	Pumpset details	1)Kamankallur 7.5 HP- Sub.107 lpm x 160 m 3 HP - Sub. 50 lpm x 50 m 2) Thaliparai 5 HP Sub. 150 lpm x 60 m
9	Feeder mains	65mmGI pipe - 2055 m 63mm Pvc 6 ksc pipe-1560 m Branch 63mm Pvc 6 ksc pipe-525 m
10	Service Reservoirs with capacity	1000 Lit. – 2 Nos. 5000 Lit. – 3Nos. 10,000 Lit. -5 Nos. 30,000 Lit. – 6 Nos. 60,000 Lit. – 1 No.

CHINNASURULI C.W.S.S FOR 19 HABITATIONS IN KM UNION OF THENI DISTRICT

FLOW DIAGRAM



— Pumping main
— Branch main

Scale : Not to scale