

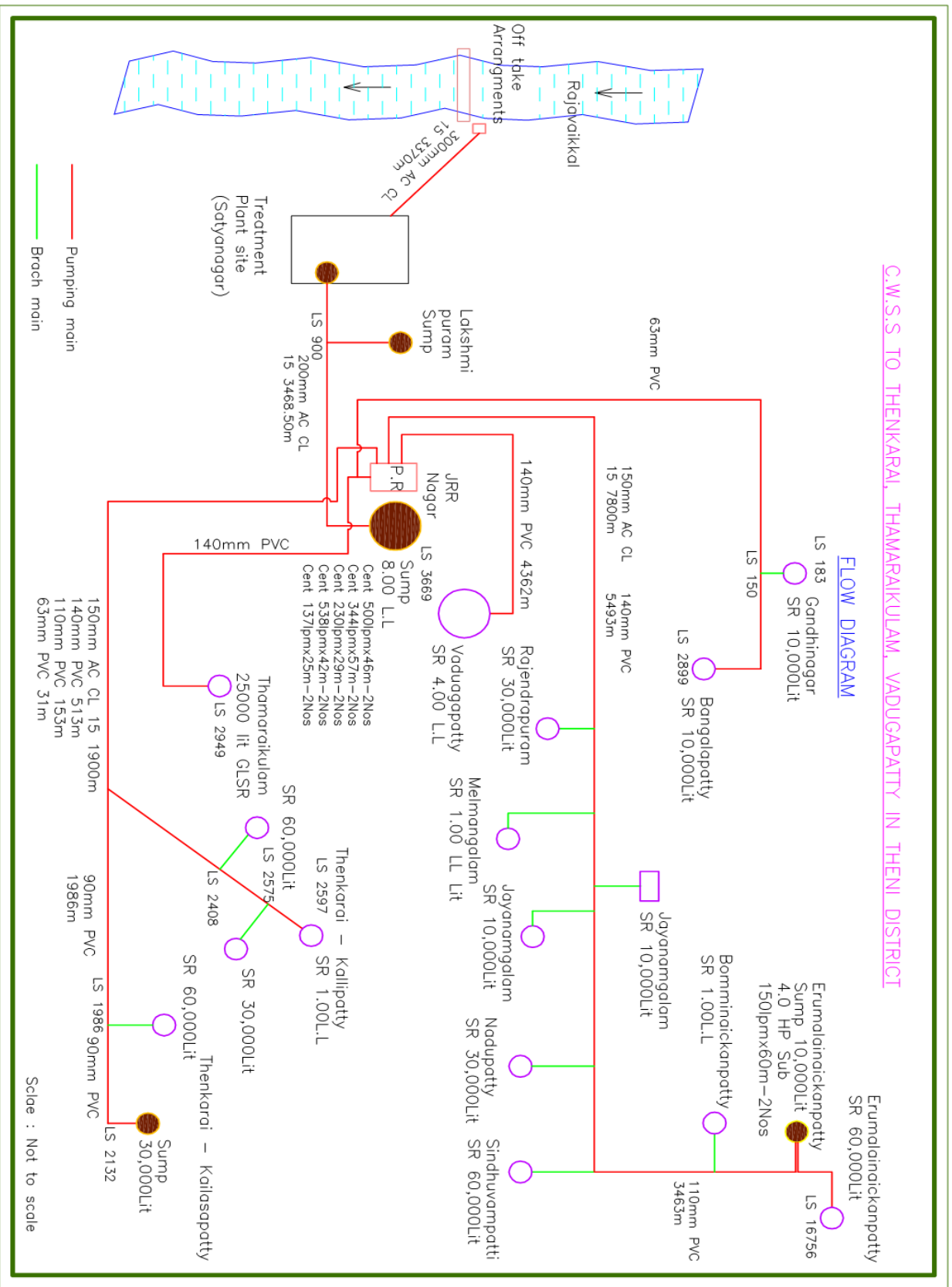
## **C.W.S.S.TO Thenkarai and 12 other habitations**

1	Scheme cost	:	Rs.416.41 Lakhs
2	Beneficiaries	:	Town Panchayat – 3 Nos. Habitations – 12 Nos.
3	Populations	:	68972
4	Head works with source details	:	Off-take arrangement
5	Hours of Pumping		24 Hours
6	Treatment Plant		Full scale treatment plant with Pre-settling Tank cum Raw water sump, Aerator, stilling chamber, flash mixer, clariflocculater, Rapid sand filter house with back wash tank, chemical storage room,Pumphouse cum wash water sump,Chlorinator room, Clear water sump etc
7	Transmission Main		
a	Pumping main		250mm Ac cl 15 pipe-3530m
b	Gravity main		300mm Ac cl 15 pipe-3370m
8	Booster station		JRR Nagar
a	Sump with capacity		Clear water sump 8.00 L.L Capacity
b	Pumpset details		Cent 500 lpm x 46 m -2 No Cent 344 lpm x 57 m -2 No Cent 230 lpm x 29 m -2 No Cent 538 lpm x 42 m -2 No Cent 137 lpm x 25m -2 No
9	Feeder mains		Erumalainaickanpatti 150mm Ac cl 15 pipe -7800 m 140 mm PVC - 5493 m 110 mm PVC - 3463m

	Vadugapatti	
	140 mm PVC	- 4362m
	Thamaraikulam	
	140 mm PVC	- 3000 m
	63mm PVC	-3200 m
	Thenkarai	
	150mm Ac cl 15 pipe	-1900 m
	140 mm PVC	- 513 m
	110 mm PVC	- 133m
	63mm PVC	-2577 m
10	Service Reservoirs with capacity	
	10,000 Lit.	- 2 Nos.
	15,000 Lit.	- 2 Nos.
	25,000 Lit.	- 1 No.
	30,000 Lit.	- 5 Nos.
	60,000 Lit.	- 6 Nos.
	1,00,000 Lit.	- 3 Nos.
	1,50,000 Lit.	- 1 No.
	4,00,000 Lit.	- 1 No.
	4,00,000 Lit.	- 1 No.

C.W.S.S. TO THENKARAI, THAMARAIKULAM, VADUGAPATTY IN THENI DISTRICT

**FLOW DIAGRAM**



— Pumping main  
— Branch main

Scale : Not to scale