

SALIENT DETAILS

CWSS TO THANIPADI - THANDRAMPET AND OTHER HABITATIONS IN THIRUVANNAMLAI DISTRICT

1. Scheme Cost : Rs.453.17 Lakhs
2. Beneficiaries : Habitations – 34 Nos.
3. Populations : 28458
4. Total Daily Requirements : 1.86 mld

5. Headworks with source details : Off take well in Thenpennyar River - Pickup Dam. – 4m dia

6. Pumpset :

 - a. Type : Vertical turbine
 - b. Duty : 20 HP - 1630 lpm x 32m
 - c. Hours of Pumping : 20 Hours

7. Treatment Plant (with Units details) :
 - 1) Aerator - 1 No.
 - 2) Clariflcculetor - 1 No.
 - 3) Filter house - 1 no.
 - 4) Clear water sump – 1 No.
 - 5) Clear water pumpset –
 - a. 2nos 10 HP centrifugal 426lpm x 36m
 - b. 2nos 40 HP centrifugal 1126 lpm x 70m head.

8. Transmission Main
 - a. Pumping main

SI No.	Type of Main	Dia in mm	Material	Class	Length in m
1.	Raw Water Pumping Main	200	AC	CL.10	1760
2.	Clear Water main Thandarampattu	125	AC	CI.10	660
		150	CI	LA	200
		140	PVC	4 KSC	5470
		110	PVC	4 KSC	930
3.	Branch Line	90	PVC	4 KSC	2685
		90	PVC	4KSC	3785
4.	Clear Water main Thanipadi	200	AC	CL 15	3610
		200	AC	CL.10	3360
		150	AC	CL.10	1875

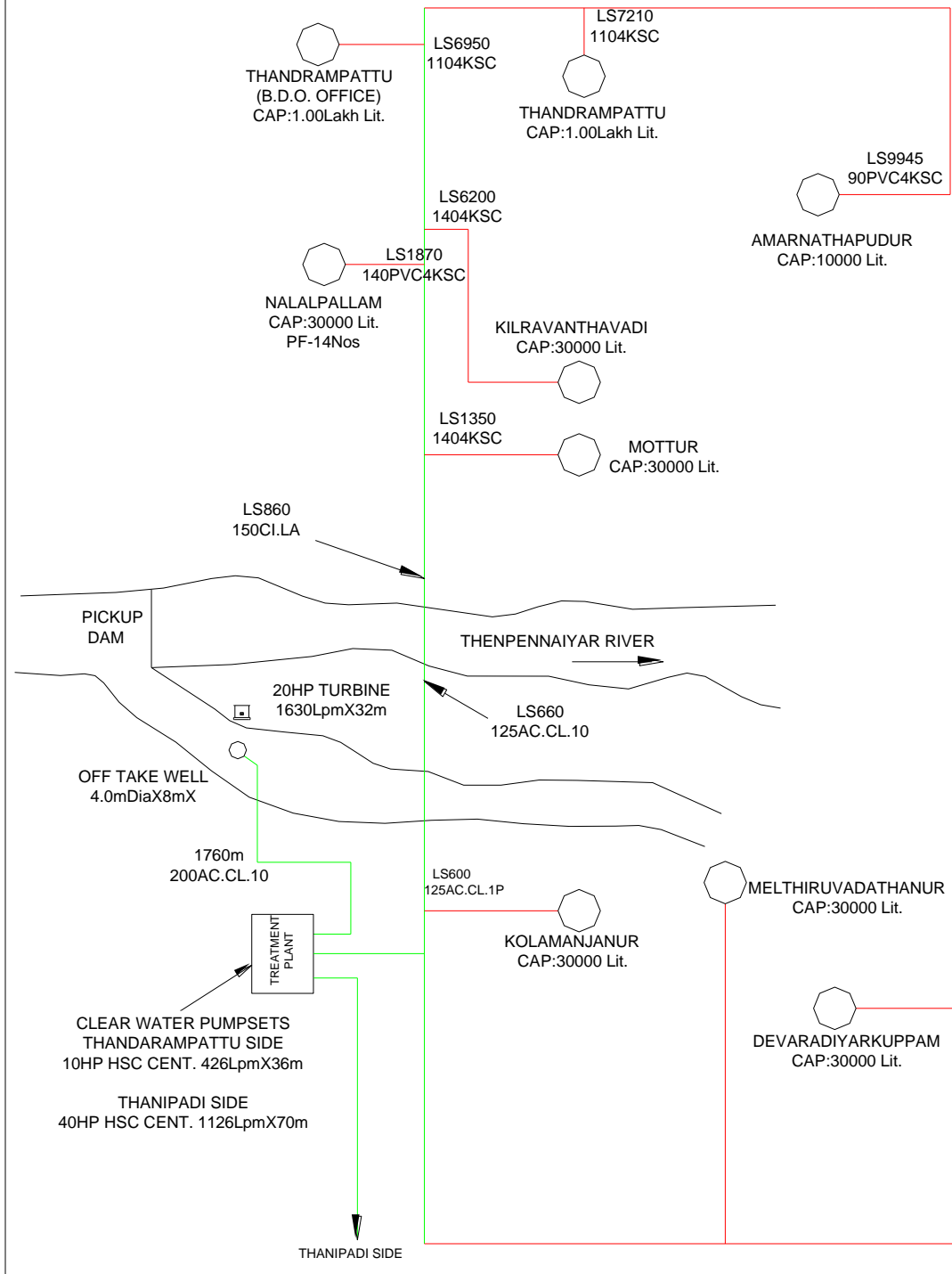
		125	AC	CL.10	2040
		125	AC	CL.15	720
		125	AC	CL.10	1095
		90	PVC	4 KSC	9988
5.	Branch Line	90	PVC	4 KSC	460
	Total				38638

9. SERVICE RESVIORS

Sl. No.	Location	Capacity in Litres
1.	Kolamanjanur	30,000
2.	Kolamanjanur Mottur	30,000
3.	Nallalpallam	30,000
4.	Kilravandavadi	30,000
5.	Thandrampet	1,00,000 x 2
6.	Amamathapudur	10,000
7.	Devaraddiyar Kuppam	30,000
8.	Melthirueduthanur	30,000
9.	SE Andepet	30,000
10.	T.Velur	1,00,000
11.	Pakkripalayam	30,000
12.	Thanipadi	1,00,000 x 2
13.	Thanipadi HC	30,000
14.	Indira Nagar	1,00,000
15.	Kamaraj Nagar	30,000

16.	Periyathanda	30,000
17.	Chinnathanda	30,000
18.	Bondai	1,00,000
19.	Malamanchanoor	30,000
20.	Malamanchanoor pudur	1,00,000
21.	Manamanchanoor ADC	30,000
22.	Mallapuram	30,000
23.	Arasamaram	10,000
24.	Sathya Nagar	10,000
	TOTAL	26 SRS

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