

## **SALIENT DETAILS**

### **CWSS TO THANIPADI- THANDARAMPET AND 35 OTHER HABITATIONS IN THIRUVANNAMLAIR DISTRICT**

1.	Scheme Cost	:	
	a) Installation Cost	:	Rs.453.17 Lakhs
	b) Annual Maintenance Cost	:	Rs. 7.50 Lakhs
2.	Administrative approval No. & Amount	:	GO M.S No.13 (MAWS) Dt 09.01.1996 for Rs.453.17 Lakhs
3	Technical sanction No. & Amount	:	Rs.453.17 Lakhs
4.	Beneficiaries	:	
5.	Populations	:	
	a) Present (2006)	:	
	a) Intermediate (Year 2010)	:	29848
	b) Ultimate (2025)	:	34823
6.	Level of Service	:	55 lpcd
7.	Designed Qty		
	a) Present 2006	:	
	a) Intermediate (Year) (2011)	:	1641640
	b) Ultimate (Year ) (2026)	:	1915265
8.	Year of completion & Commissioning	:	
a.	Original Scheme		1999
b.	Improvement Scheme	:	
9.	Head works with source details	:	Off takewell in Thenpennaiyar River near Sathnaur Pickup dam.
10.	Pump set	:	
a.	Type	:	Vertical Turbine Pumpset
b.	Duty	:	1630 lpm x 32m Head
c.	Hours of Pumping	:	20 Hours
11.	Treatment Plant (with Units details)	:	1) Aerator - 1 No. (Type design) 2) Holding tank 3) Sitling champer 3 m length. 4) Measuring channel 2 m length. 5) Clarifleculetor - 1 No. 6) Filter house - 1 No. 7) Sludge well - 1 No. 8) Clear water sump 1.00 LL 9) Pump room 8 x 6m. 10) Clear water pumpset Centrifugal 10 HP (426 lpm x 36m) 2 nos. Centrifugal 40 HP (1126 lpm x 70m) 2 nos.

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**12. Transmission Main****a. Pumping main**

: Raw Water main 200mm CL10 – 1760m

**b. Gravity main**

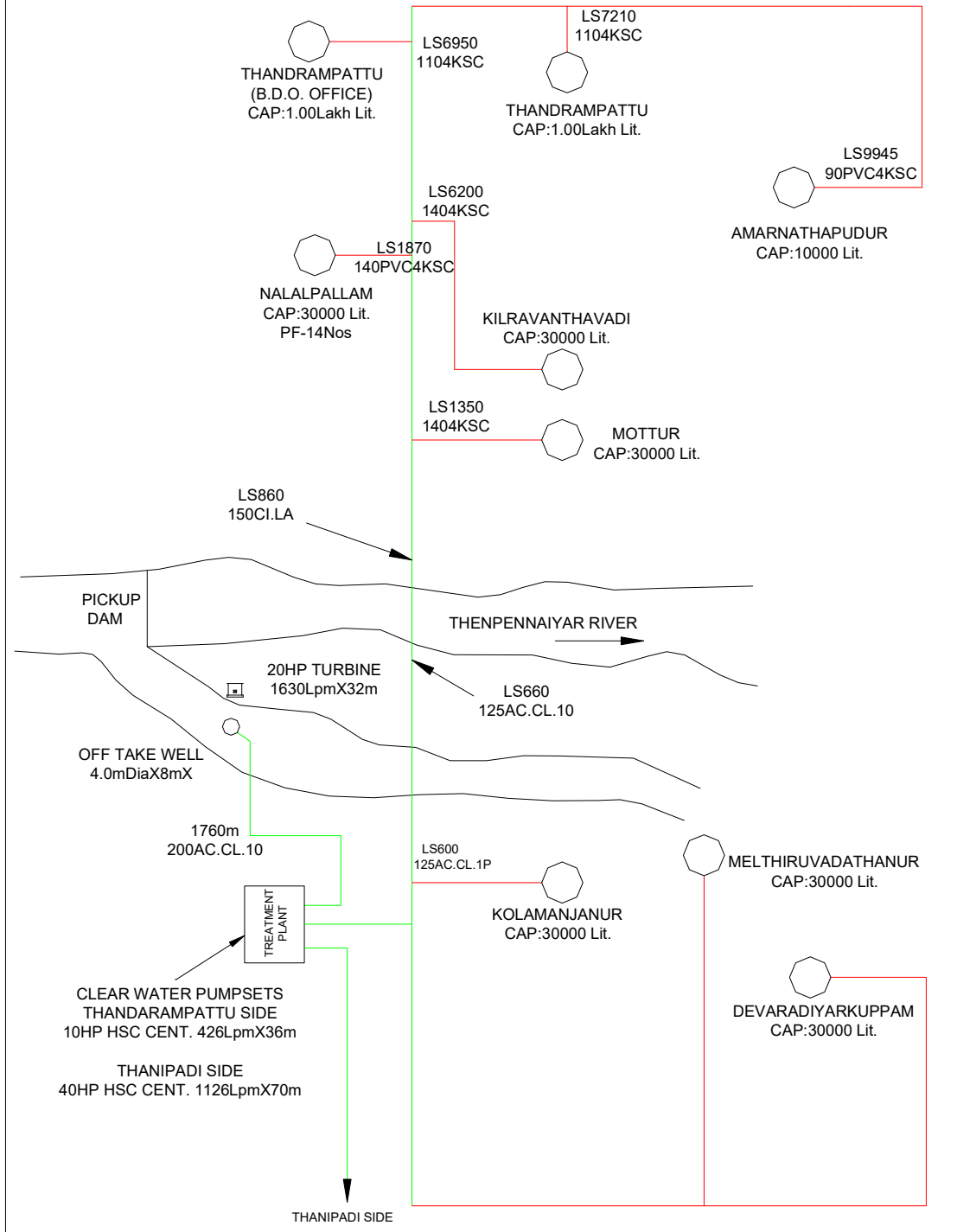
: Nil

**CLEAR WATER PUMPING MAIN FROM TREATMENT PLANT( CLEAR WATER SUMP)**

To Thanipadi line	200mm AC Class 15	3610	90mm PVC 4ksc	6930
	200mm AC Class 10	3360		
	150mm AC Class 10	1875		
	125mm AC Class 10	3795		
	125mm AC Class 15	720		
	110mm PVC 4 ksc	930		
	90mm PVC 4 KSC	10448		
To Thandarampet line	150CI LA	200	90mm PVC 4ksc	6930
	125mm AC Class 10	660		
	140mm PVC 4 KSC	5470		
	110mm PVC 4 KSC	930		
Branch line	90mm PVC 4 KSC	6470		

13.	Booster Station	:	Nil
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