

## **SALIENT DETAILS**

### **CWSS TO SRIRAMASAMUDRAM AND OTHER HABITATIONS IN THOTTIYAM UNION - TRICHI DISTRICT**

1	Scheme Cost	Rs. 285.00 Lakhs.
2	Beneficiaries	Habitations - 26 Nos
3	Population	14103
4	Designed quantity	0.95 mld
5	Hours of Pumping	16
6	Head Works at Sriramasamudram	
	Infiltration Well - 2 Nos.	
	Diameter	4.50 m
	Depth	5.00 m
	Yield	1200 lpm.
	Pumpset:	
	Infiltration Well	5 HP Sub 545 lpm x 20 m - (1+1)
		5 HP Sub 545 lpm x 20 m - 1No
7	Connecting main:	
	200mm CI D/F Pipe	1200 m

8 Collection Sump and Pump Room:

Sump capacity	80,000 lit.
Diameter	5.50m.
Depth	3.00 m
Pumproom	6.0 m x 6.0 m
Pumpset:	
Common Sump	22.5 HP Cen. P'set 1090 lpm x 44 m (1 +1 )

9 Pumping main:

150 mm AC CI 15 Class Pipe	4500m
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10 i) Booster Station at Kattuputhur agrakaram

Booster sump and pump room:

Sump capacity	:	70,000 Lit.
Diameter	:	5.50m
Storage depth	:	3.00m.
Pumproom	:	6.0m x 5.0m.
Pumpset:		12.5 HP Cen.P'set 480 lpm x 44 m (1 + 1)
		5 HP Cen.P'set 245 lpm x 40 m (1 + 1)
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ii) Booster Station at Goundanur

Booster sump and pump room:

Sump capacity	:	30,000 Lit.
Diameter	:	3.60m
Storage depth	:	3.00m.
Pumproom	:	3.0m x 5.0m.
Pumpset:		7.5 HP Cen.P'set 312 lpm x 48 m (1 + 1)

11 i) Booster Main - I:

150 mm AC CI 15 Class Pipe -	2438 m
125 mm AC CI 15 Class Pipe -	2886 m
110mm. OD PVC 4 KSC Pipe -	1141 m
90mm. OD PVC 4 KSC Pipe -	424 m

ii) Booster Main - II:

110mm. OD PVC 4 KSC Pipe -	4684 m
90mm. OD PVC 4 KSC Pipe -	3314 m

iii) Booster Main - III:

140mm. OD PVC 4 KSC Pipe -	4834 m
110mm. OD PVC 4 KSC Pipe -	916 m
90mm. OD PVC 4 KSC Pipe -	2301 m

iv) Booster Main - IV:

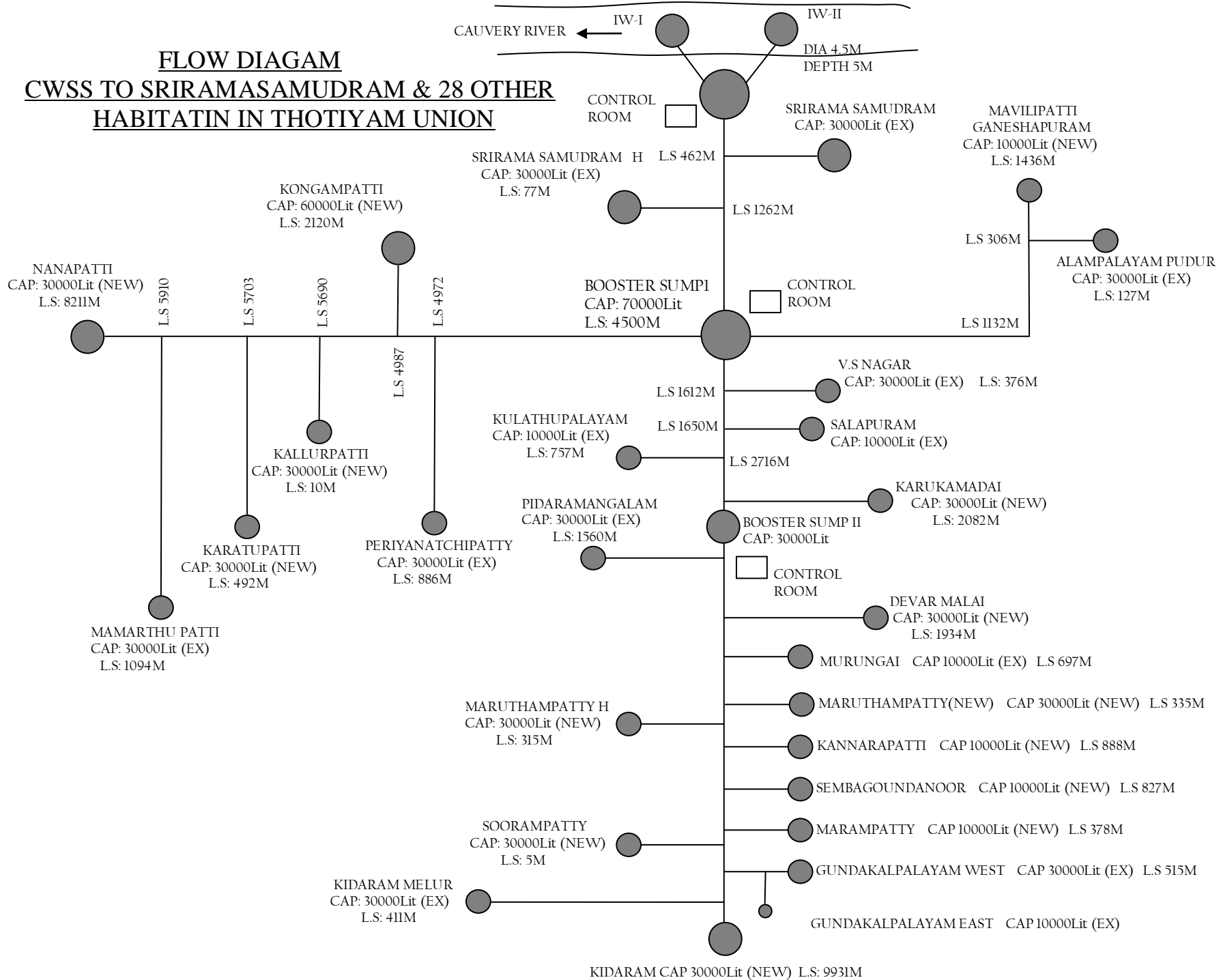
150 mm AC CI 15 Class Pipe -	2320 m
125 mm AC CI 15 Class Pipe -	1837 m
140mm. OD PVC 4 KSC Pipe -	3630 m
110mm. OD PVC 4 KSC Pipe -	1500 m

12 Branch Pumping Main:I

50mm. GI Medium Pipe -	120 m
90mm. OD PVC 4 KSC Pipe -	700 m
63mm. OD PVC 4 KSC Pipe -	1670m

# FLOW DIAGAM

## CWSS TO SRIRAMASAMUDRAM & 28 OTHER HABITATIN IN THOTIYAM UNION



**INFILTRATION WELL - 2 Nos. AT SRIRAMASAMUDRAM  
UNDER CWSS TO SRIRAMASAMUDRAM & 28 OTHER HABITATIONS  
IN THOTTIYAM UNION IN TRICHY DISTRICT.**

