

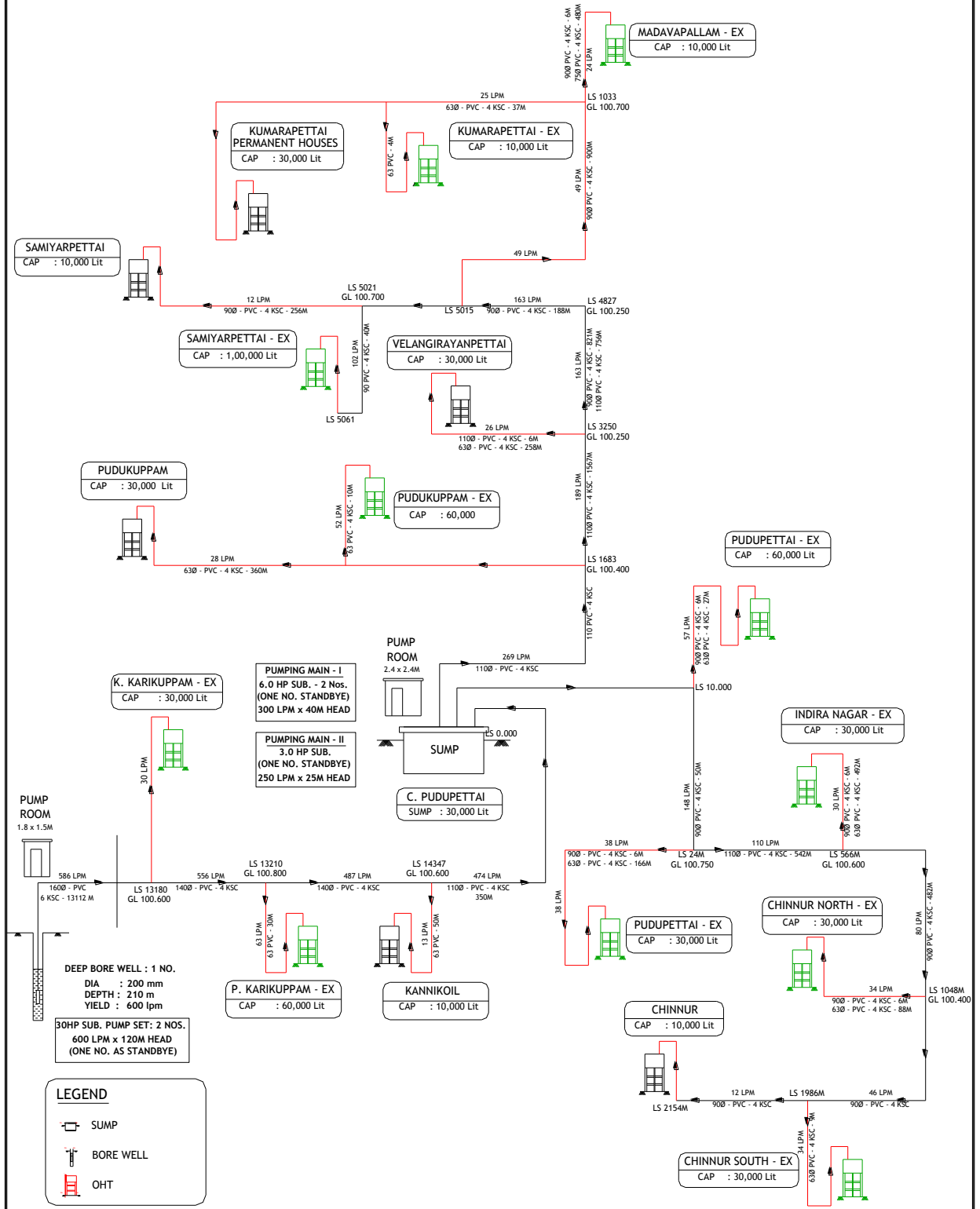
SALIENT DETAILS

**C.W.S.S. TO PUDUKUPPAM AND 9 OTHER HABITATIONS
IN PORTONOVO UNION OF CUDDALORE DISTRICT**

1	Scheme Cost		Rs. 95.75 lakhs
2	Beneficiaries	.	10.Habitations
3	Populations	:	9004
4	Designed Quantity		0.361 MLD
5	Head works with Source details	:	Borewell - 200mm dia - 1 No.
			Depth - 210m
			Yield - 600 lpm
6	Pumpset		Pumproom size - 1.50 x 1.20m
a	Type		Submersible
b.	duty		600 lpm x 120m head
c	Hours of Pumping		10 Hours
7	Transmission Main		
	a) Pumping Main		Pumping main from Head work to Sump
			160mm OD PVC pipes - 13112 m
			140mm OD PVC pipes - 1307 m
			110mm OD PVC pipes - 350 m
			14769 m
			Branch main to Karikuppam (SR)
			90mm OD PVC pipes - 248 m
			Pumping main from Sump to Samiyarpettai
			110mm OD PVC pipes - 4006 m
			90mm OD PVC pipes - 1055 m
			5061 m
			Branch pumping main
			90mm OD PVC pipes - 1599 m
			75mm OD PVC pipes - 582 m
			63mm OD PVC pipes - 1573 m
			3754 m
			Pumping main from Sump to Chinnur(South)
			90mm OD PVC pipes - 2154 m
b	Gravity main		- NIL -

8	Booster station		
a	Sump with capacity		30,000 lits. GL sump at C.Pudupettai
b	Pumpset details		1. Samiyarpettai
			Openwell submersible - 6 HP
			300lpm x 40m head
			2) Chinnur (South)
			Openwell submersible - 3 HP
			250lpm x 25m head
9	Feeder Mains:		- NIL -
10	Service Reservoirs with capacity		16 Nos

**CWSS TO PUDUKUPPAM AND 9 OTHER HABITATIONS IN PORTONOVO UNION
OF CUDDALORE DISTRICT.
SCHEMATIC DIAGRAM**



LEGEND

- SUMP
- BORE WELL
- OHT