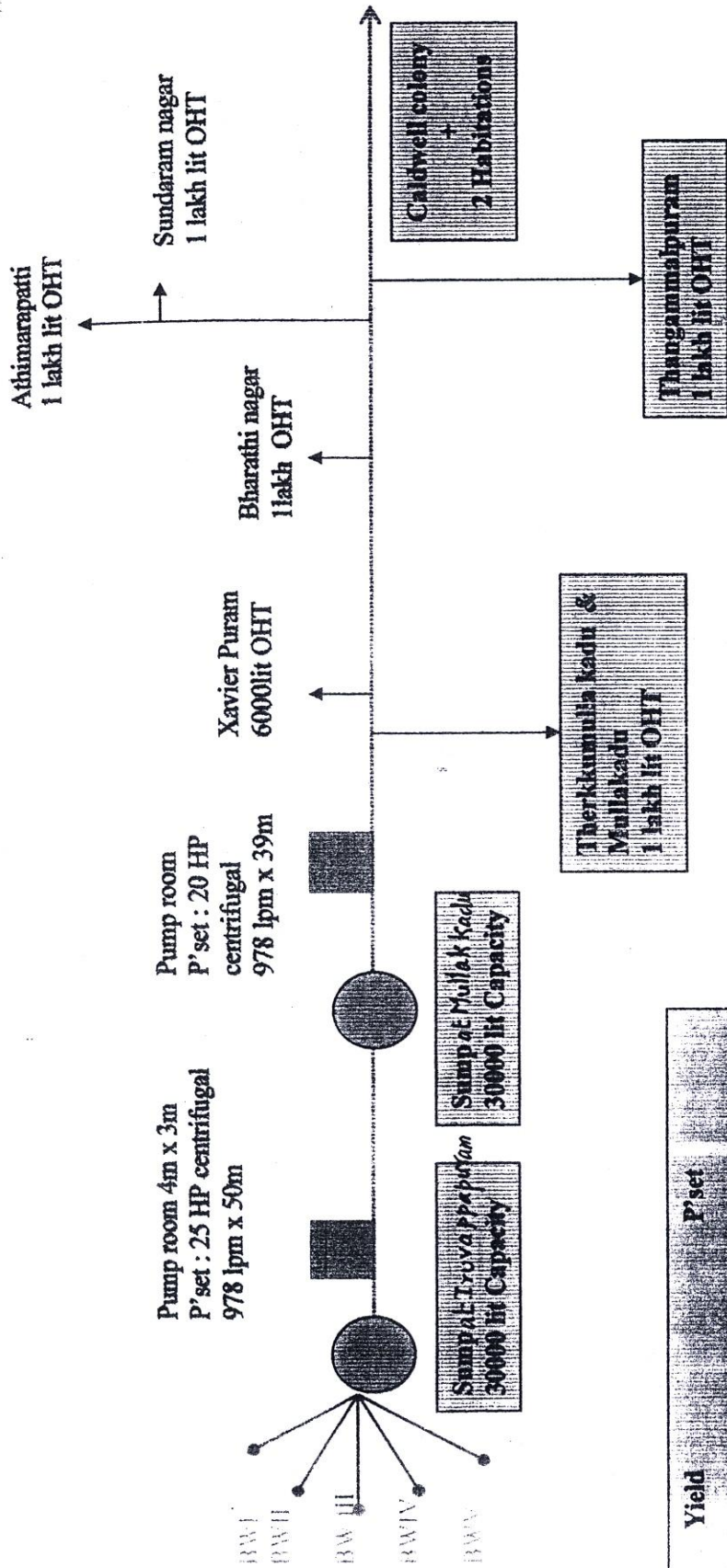


SALIENT DETAILS**CWSS TO BHARATHINAGAR IN THOOTHUKUDI DISTRICT.**

1	Scheme Cost		Rs.185.00 Lakhs
2	Beneficiaries	:	10 habitations
3	Populations	:	34,270
4	Designed Quantity		1.19 mld
5	Head works with Source details	:	Borewell - 5 Nos @ Iruvappapuram.
6	Pumpset		
a	Type		sub.p'set - 7.50 HP x 350lpmx26m-2 Nos 5 HP sub.p'set - 350lpm x 28m - 2 Nos 4 HP sub.p'set -276 lpm x 26m - 1 No
b	Duty		
c	Hours of Pumping		20 hours
7	Treatment Plant		-
			-
8	Transmission Main		
a	Pumping main -		200 to 150mm AC cl.10 pipe-11785 M 140to 90mm PVC - 3583 M
b	Gravity main		-
9	Booster station @ Head work		
a	Sump with capacity		0.30 LL - 4 Nos
b	Pumpset details		25 HP - 978 lpmx 50m -1+1 20 HP - 978 lpm x 39m - 1+1
10	Feeder Mains:		-
11	No of Group sump with capacity		0.30 LL - 2 Nos
12	Service Reservoirs with capacity		1.00 LL-5 Nos, 0.60LL-3 Nos, 0.30 LL-1 No.



Yield	P' set
BWI 427 lpm	5 HP sub P' set 350 lpm x 26m
BWII 427 lpm	5HP Sub P' set 350 lpm x 26m
BWIII 427 lpm	5HP Sub P' set 276 lpm x 26m
BWIV 350 lpm	7.5HP Sub P' set 350 lpm x 26m
BWV 350 lpm	7.5HP Sub P' set 350 lpm x 26m

TWAD BOARD
CWSS TO BHARATI NAGAR IN THOOTHUKUDI UNION
FLOW DIAGRAM