

SALIENT DETAILS

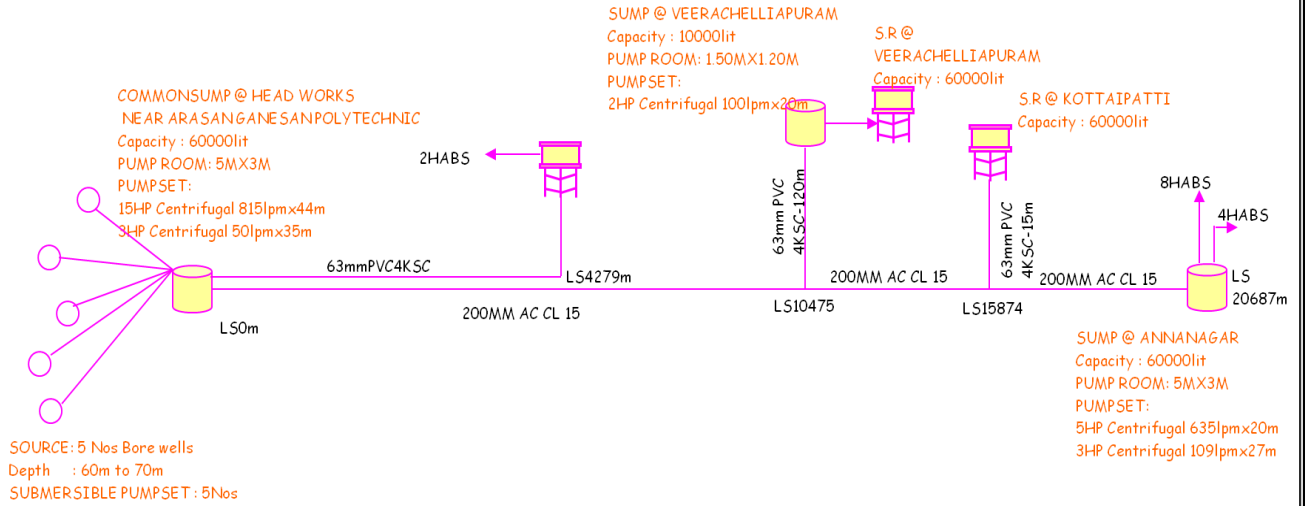
CWSS to Rosalpatti and 4 Wayside habitations & 11 other rural habitations in Virudhunagar union

1	Scheme Cost		Rs 326.00 lakhs
2	Beneficiaries	:	16 habitations
3	Populations		30831
4	Designed Quantity		0.898mld
5	Head works with Source details	:	5Nos of Borewells and 2 Nos. of 4.5 M dia Openwell
6	Pumpset	:	i.Borewell NoI - 5.0 HP ii.Borewell NoII - 5.0 HP iii.Borewell NoIII - 6.0 HP iv.Borewell No IV - 5.0 HP v.Borewell No V - 6.0 HP vi.Openwell NoI - 4.0 HP vii.Openwell NoII - 4.0 HP
a)	Type	:	Submersible pumpset & Centrifugal P'Set
b)	Duty	:	i.Borewell NoI - 125 LPM X 75M ii.Borewell NoII - 175 LPM X 60M iii.Borewell NoIII - 250 LPM X 75M iv.Borewell No IV - 175 LPM X 60M v.Borewell No V - 200 LPM X 60M vi.Openwell NoI - 250LPM X 40M vii.Openwell NoII - 250 LPM X 40M
c)	Hours of Pumping	:	16 Hrs
7	Treatment Plant (with Units Details)	:	-
8	Transmission Main	:	

a	Pumping main	:	200mm AC CL15 Pipe - 16708M 200mm CI LACL - 4182M For G.N Patti & R.N Patti 63mm PVC 4KSC - 4327M 50mm dia GI Pipe - 323M
b	Gravity main	:	-
9	Booster station	:	
a	Sump with capacity	:	Collection Sump - 60000lit (near Arasan Ganesan Polytechnic) 10000lit @ Veerachelliapuram 60000lit @ Annanagar
b	Pumpset details	:	Collection Sump i. 15.0HP Centrifugal x 815lpm x 44M ii. 3.0HP Centrifugal x 50lpm x 35M Veerachelliapuram 2.0HP Centrifugal x 100lpm x 20M Annanagar 5.0HP Centrifugal x 635lpm x 20M 3.0HP Centrifugal x 109lpm x 27M
10	Feeder Mains:	:	140mm PVC 4KSC to 63mm PVC 4KSC - 4158M
11	Service Reservoirs with capacity	:	30000 litres capacity - 5Nos 60000 litres capacity - 3Nos 100000 litres capacity - 3Nos

CWSS TO ROSALPATTI AND 15 OTHER HABITATIONS OF VIRUDHUNAGAR UNION IN VIRUDHUNAGAR DISTRICT

FLOW DIAGRAM



CIRCLE : T.V.CIRCLE, KOVILPATTI
 DIVISION: MAINTENANCE, KOVILPATTI