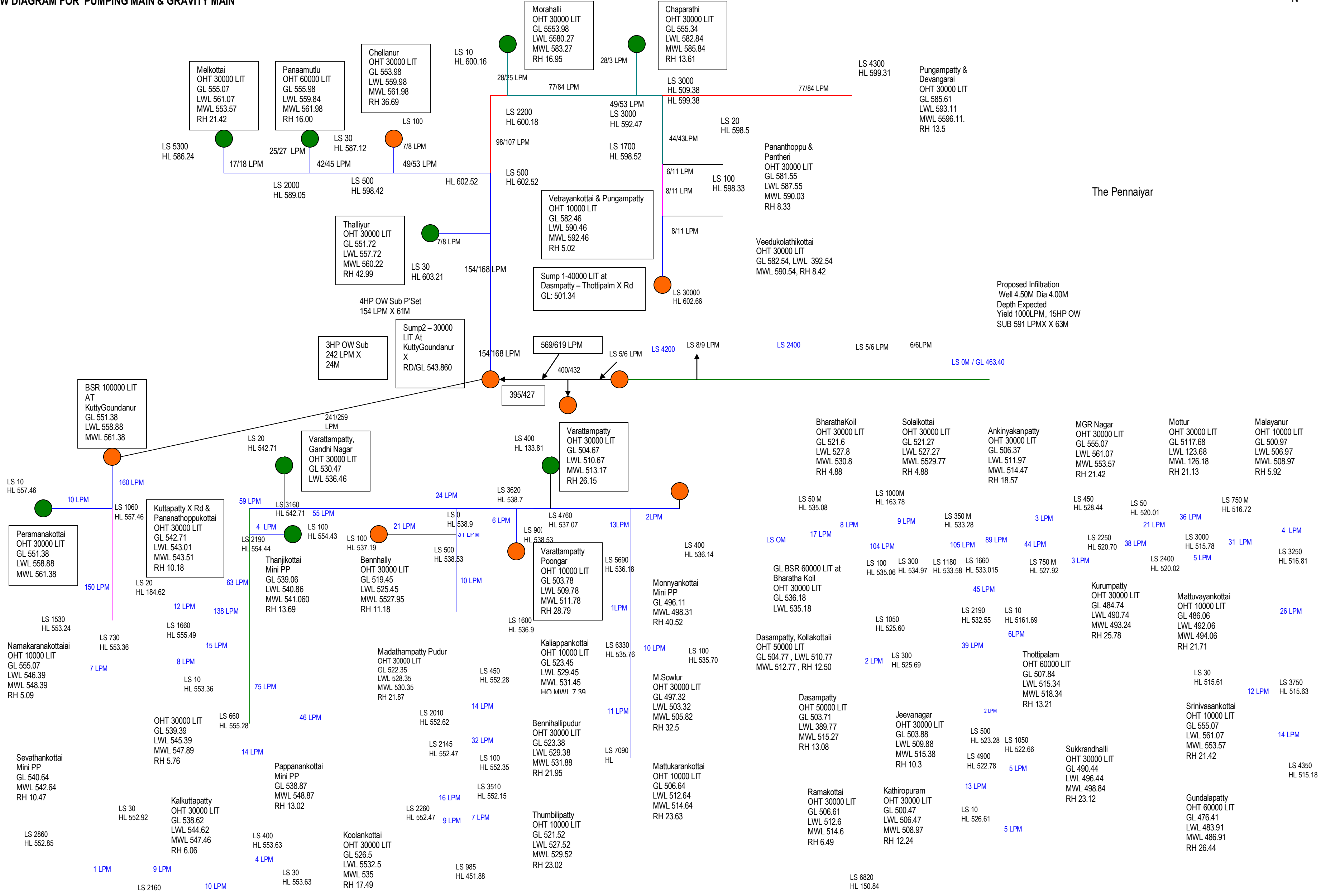


CWSS TO ANNINAICKENPATTY & 59 OTHER IN KAVERIPATTINAM UNION
FLOW DIAGRAM FOR PUMPING MAIN & GRAVITY MAIN

N



The Pennaiyar

Proposed Infiltration
 Well 4.50M Dia 4.00M
 Depth Expected
 Yield 1000LPM, 15HP OW
 SUB 591 LPM X 63M

SALIENT DETAILS

CWSS TO ANKINAYANAPATTY AND 59 OTHER HABITATIONS

1. Scheme cost.	: Rs.173.145 lakhs.
2. Beneficiaries	: 50 Habitations
3. Populations	: 16937
4. Designed Quantity.	: 0.57 mld
5. Head Works with Source details	: 1 No of Inf.Well Diameter – 4.50 M. Depth - 4.00 M.
6. Pump set.	
a). Type	: Submersible Pumpset.
b). Duty	: 15 HP(650lpmX61m Head)
c). Hours of Pumping	: 16 Hours.
7. Treatment Plant (with units details)	: Capacity - 0.764 Mld.
a) Chlorination	Silver Ionization
8. Transmission Main.	: 64385 M
a). Pumping Main	: 23490 M.
b). Gravity Main	: 38525 M.
9. A).Booster Station I.	
a). Sump with capacity	: 40000 ltrs.
b). Pump set details	: 15HP Submersible Pumpset (621 lpm x58 m head)
B).Booster Station II.	
a). Sump with capacity	: 30000 ltrs.
b). Pump set details	: 3 HP Submersible Pumpset (157 lpm x60 m head). 5 HP Submersible Pumpset (270 lpm x24 m head).
10. Feeder Mains	: 4690 M.
11. Service Reservoirs with capacity	: 60000 L 8 Nos 30000 L 26 NOs 10000 L 15 Nos 5000 L 1 No