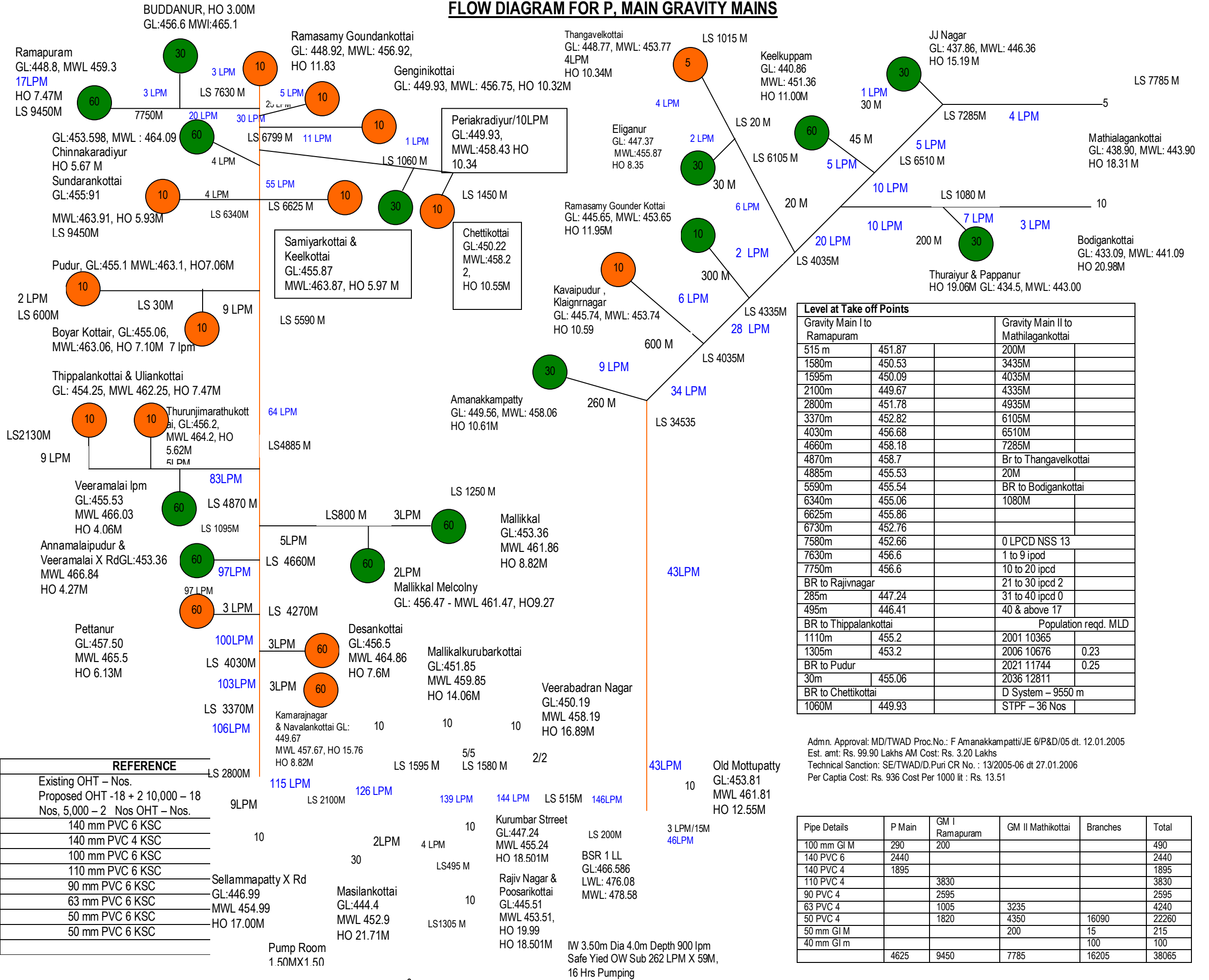


NAME OF THE SCHEME : CWSS TO AMANAKKAMPATY AND 4 OTHER HABITATIONS IN KAVERIPATTINAM UNION,

N

FLOW DIAGRAM FOR P, MAIN GRAVITY MAINS



REFERENCE

Existing OHT – Nos.	LS 2800M
Proposed OHT -18 + 2 10,000 – 18 Nos, 5,000 – 2 Nos OHT – Nos.	9LPM
140 mm PVC 6 KSC	10
140 mm PVC 4 KSC	
100 mm PVC 6 KSC	
110 mm PVC 6 KSC	
90 mm PVC 6 KSC	Sellammapatty X Rd
63 mm PVC 6 KSC	GL:446.99
50 mm PVC 6 KSC	MWL 454.99
50 mm PVC 6 KSC	HO 17.00M

SALIENT DETAILS

CWSS TO AMMANAKKAMPATTI AND OTHER HABITATIONS

1. Scheme cost.	: Rs.99.90 lakhs.
2. Beneficiaries	: 35 Habitations
3. Populations	: 10365
4. Designed Quantity.	: 0.25 mld
5. Head Works with Source details	: 1 No of Inf well. Diameter - 3.50 m. Depth - 4.00 M.
6. Pump set.	
a). Type	: Submersible Pumpset.
b). Duty	: 7.5 HP(262 lpmX 9m head)
c). Hours of Pumping	: 16 Hours.
7. Treatment Plant	: Capacity - 0.230 Mld.
a) Chlorination	Silver Ionization.
8. Transmission Main.	:37955 M
a). Pumping Main	: 20730 M.
b). Gravity Main	: 17325 m.
9. Booster Station (Chellampatti X Rd).	
a). Sump with capacity	: 10000 ltrs.
b). Pump set details	: 2 HP Centrifugal Pumpset (75 lpm x 30 m head).
10. Feeder Mains	: 2960 M.
11. Service Reservoirs with capacity	: 60,000 L 5 Nos 30,000 L 9 Nos 10,000 L 23 Nos 5,000 L 2 Nos