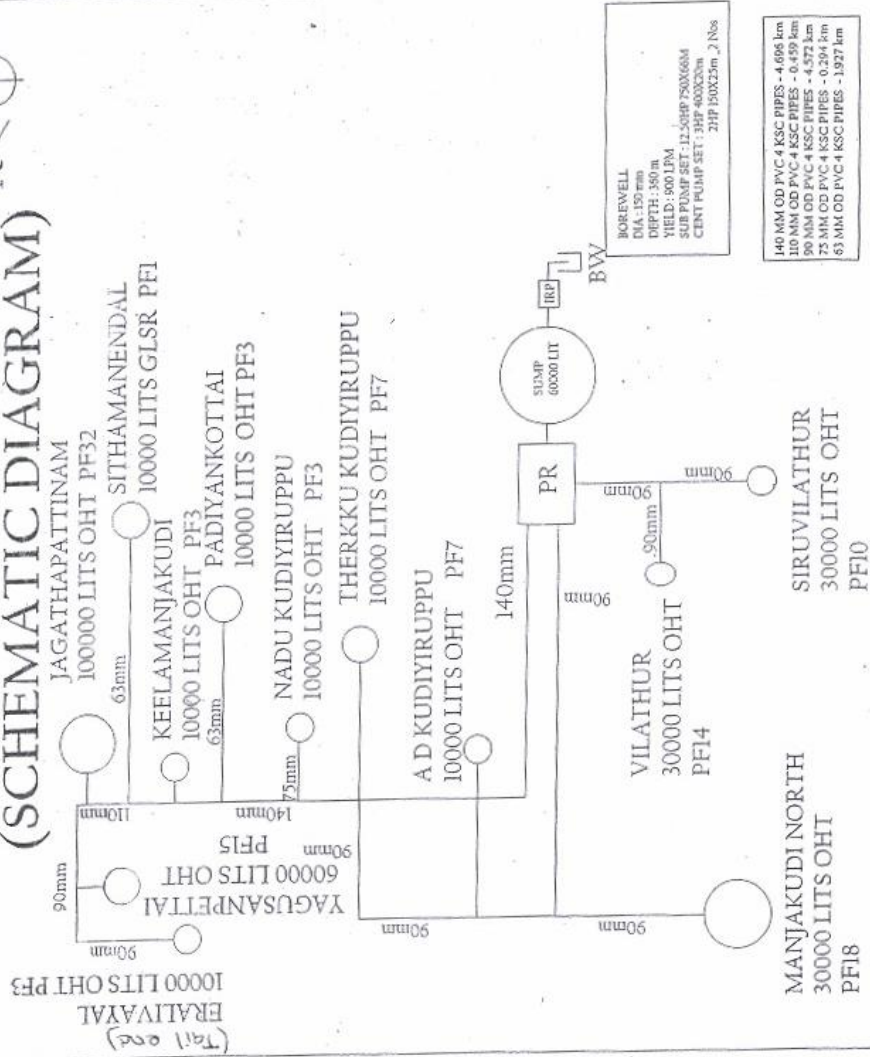


SALIENT DETAILS

C.W.S.S TO MANJAKUDI AND 11 HABITATIONS IN MANAMELKUDI UNION

1. Scheme Cost	: Rs 86.97 lakhs	
2 Beneficiaries	: Habitations - 12 Nos	
3. Populations	: 7029	
4. Designed Quantity	: 0.33 mld	
5. Head works with source details	: Manjakudi	
Bore well source		
Dia	150 mm	
Depth	360 m	
Yield	900 lpm	
6. Pumpset		
a) Type	Sub Pumpset	Cent Pumpset
b) Duty	750lpm -2 nos	421lpm & 150lpm
c) Hours of pumping	12 hours	
7. Treatment plant	: 1 unit (Iron Removal Plant)	
8. Transmission Main		
a) Pumping main	: 11.948 km	
b) Gravity main	: ---	
9. Booster station		
a) Sump with capacity	----	
b) Pumpset details	---	
10. Feeder main	: Nil	
11. Service Reservoir	: 10000 lit OHT -7 Nos	
	30000 lit OHT -2 Nos	
	60000 lit OHT -1 No	
	100000 lit OHT -1 No	
	10000 lit GLSR 1 No	

MANJAKUDI CWSS (SCHEMATIC DIAGRAM)



BOREWELL
DIA: 150 mm
DEPTH: 350 m
YIELD: 900 LPM
SUB PUMP SET: 1L-5HP 750X60M
CENT PUMP SET: 3HP 60X30m
2HP 150X25m_2 Nos

140 MM OD PVC-4 KSC PIPES - 4.095 km
100 MM OD PVC-4 KSC PIPES - 0.439 km
75 MM OD PVC-4 KSC PIPES - 4.572 km
63 MM OD PVC-4 KSC PIPES - 0.171 km
53 MM OD PVC-4 KSC PIPES - 1.977 km

(Tail end)