

SALIENT DETAILS

C.W.S.S. TO SANKARNAGAR -NARANAMMALPURAM

1	Scheme Cost	Rs.101.80 Lakhs
2	Beneficiaries	: Corporation - 1 No (part) ,Town Panchayat - 2 Nos, Habitation - 1 No
3	Populations	26,222
4	Designed Quantity	2.58 mld
5	Head works with Source	: 3.50 m dia I.W.-3 nos details
6	Pumpset	
a	Type	: 60 HP Turbine - 1 no.(1 no.Standbye)
b	Duty	: 2400 lpm x 55 m
a	Type	: 5 HP Sub. - 3 nos.(3 nos.Standbye)
b	Duty	: 750 lpm x 15 m
c	Hours of Pumping	: 18 hours
7	Treatment Plant	-
8	Transmission Main	
a	Pumping main	250 & 200 mm AC pipe- 5.98 km.
b	Gravity main	-

9 Booster station

a Sump with capacity

Inline Booster 3.00 LL OHT

b Pumpset details

1 To Pandarakulam - 3 HP Cent.300 lpm x 20
m -1 no.(1 no.Standbye)

2 To Sankarnagar EB Colony - 2 HP Cent.210
lpm x 20 m -1 no. (1
no.Standbye)

10 Feeder Mains:

1 To Pandarakulam - 2 km

2 To Sankarnagar EB Colony - 0.82 km

11 Service Reservoirs with capacity

1.50 LL - 2 nos.

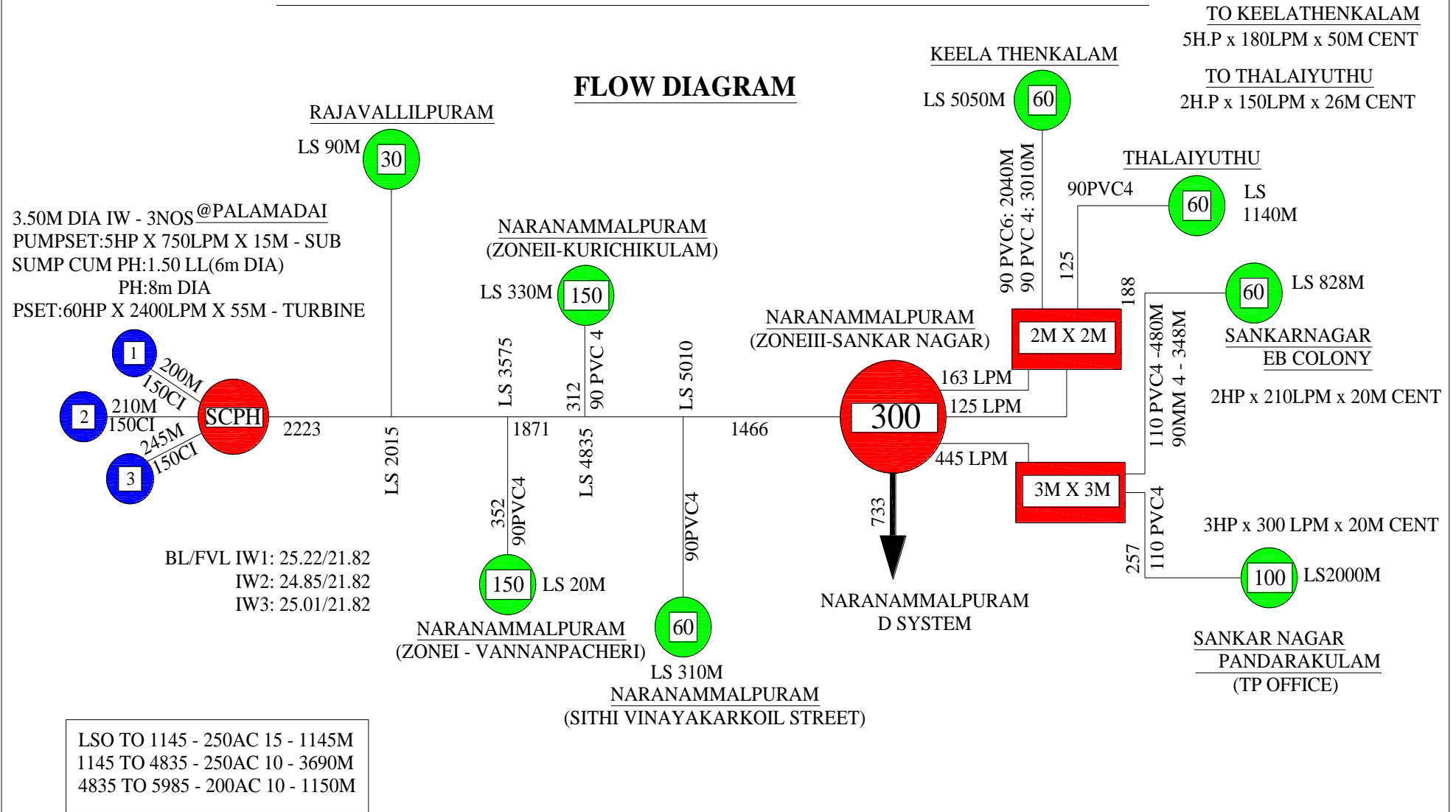
1.00LL - 1 no.

60000 - 2 nos.

30000 - 1 no.

SANKAR NAGAR AND NARANAMMALPURAM CWSS

FLOW DIAGRAM



TO KEELATHENKALAM
5H.P x 180LPM x 50M CENT

TO THALAIYUTHU
2H.P x 150LPM x 26M CENT

THALAIYUTHU

LS 1140M

LS 828M
SANKARNAGAR
EB COLONY

2HP x 210LPM x 20M CENT

3HP x 300 LPM x 20M CENT

SANKAR NAGAR
PANDARAKULAM
(TP OFFICE)

NARANAMMALPURAM
D SYSTEM

BL/FVL IW1: 25.22/21.82
IW2: 24.85/21.82
IW3: 25.01/21.82