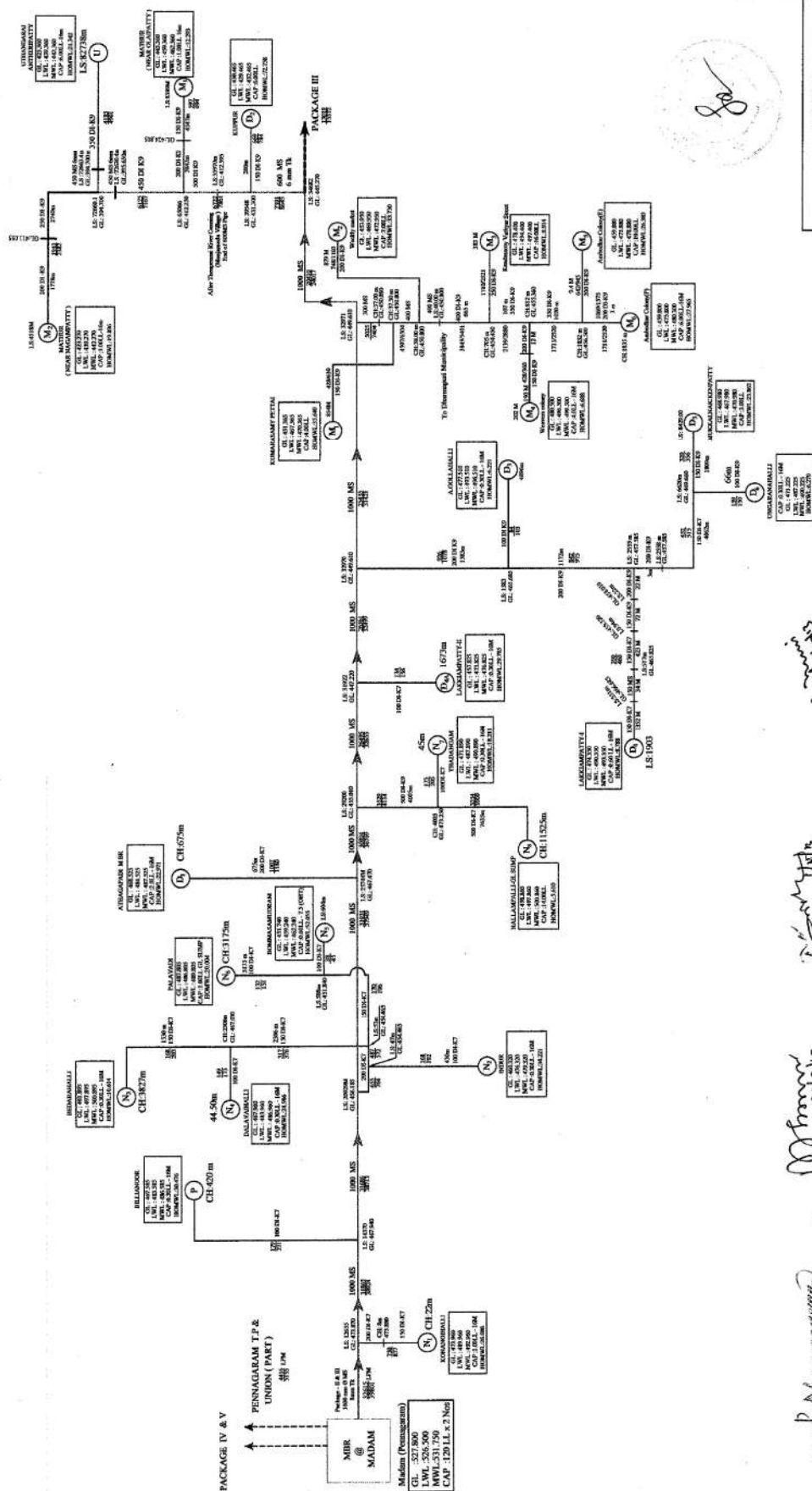




## PACKAGE II

### **TRANSMISSION MAIN & FEEDER MAIN FLOW DIAGRAM**



P. Neumann  
 30-10-13  
 30-10-13

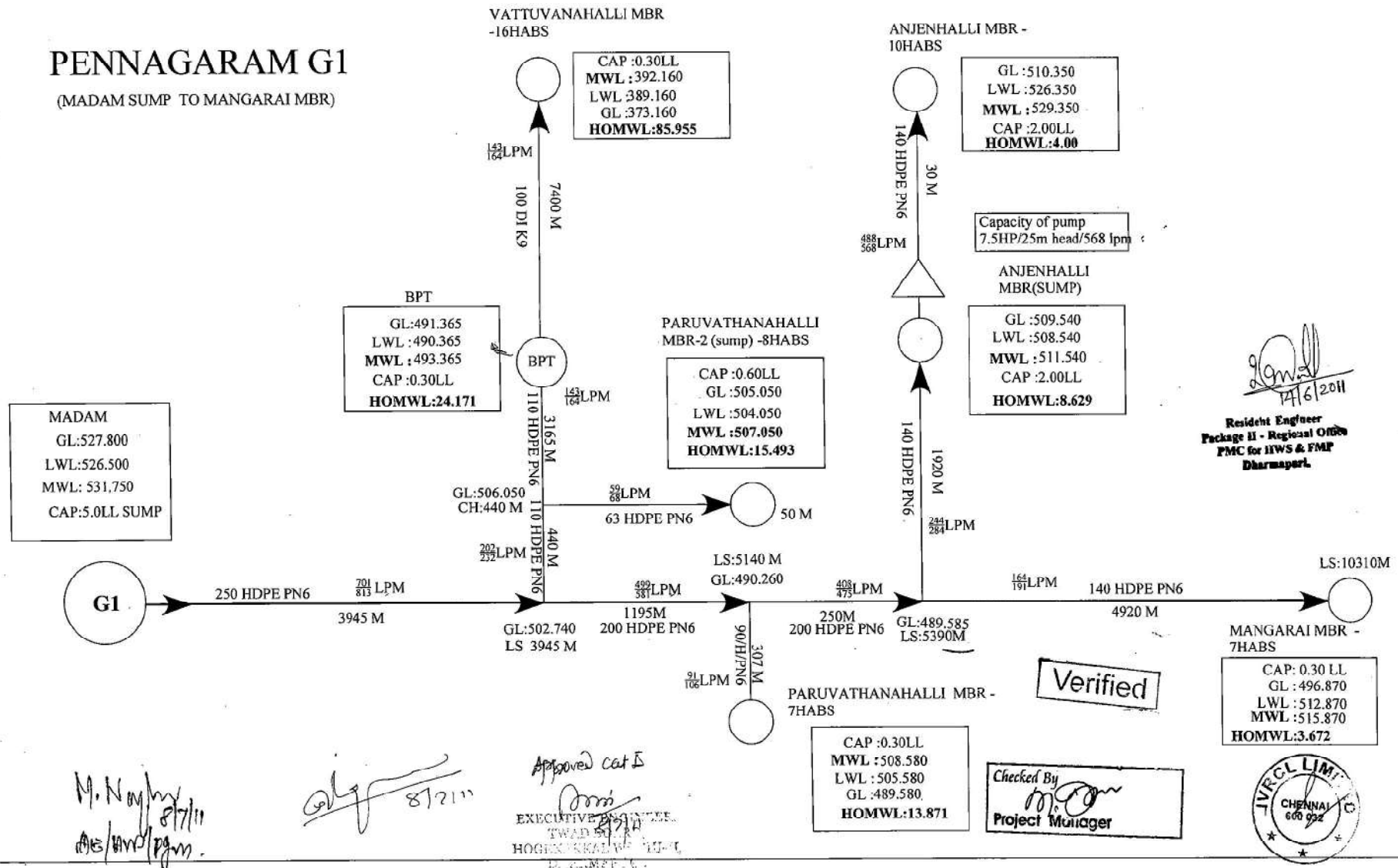
1007/34  
F. J. H. H.

**EXECUTIVE ENGINEER**  
**TWAD BOARD,**  
**HOGENAKKAL WS PIU-II,**  
**DHARMAPURI.**

LEGEND	TRANSMISSION MAIN	FEEDER MAIN
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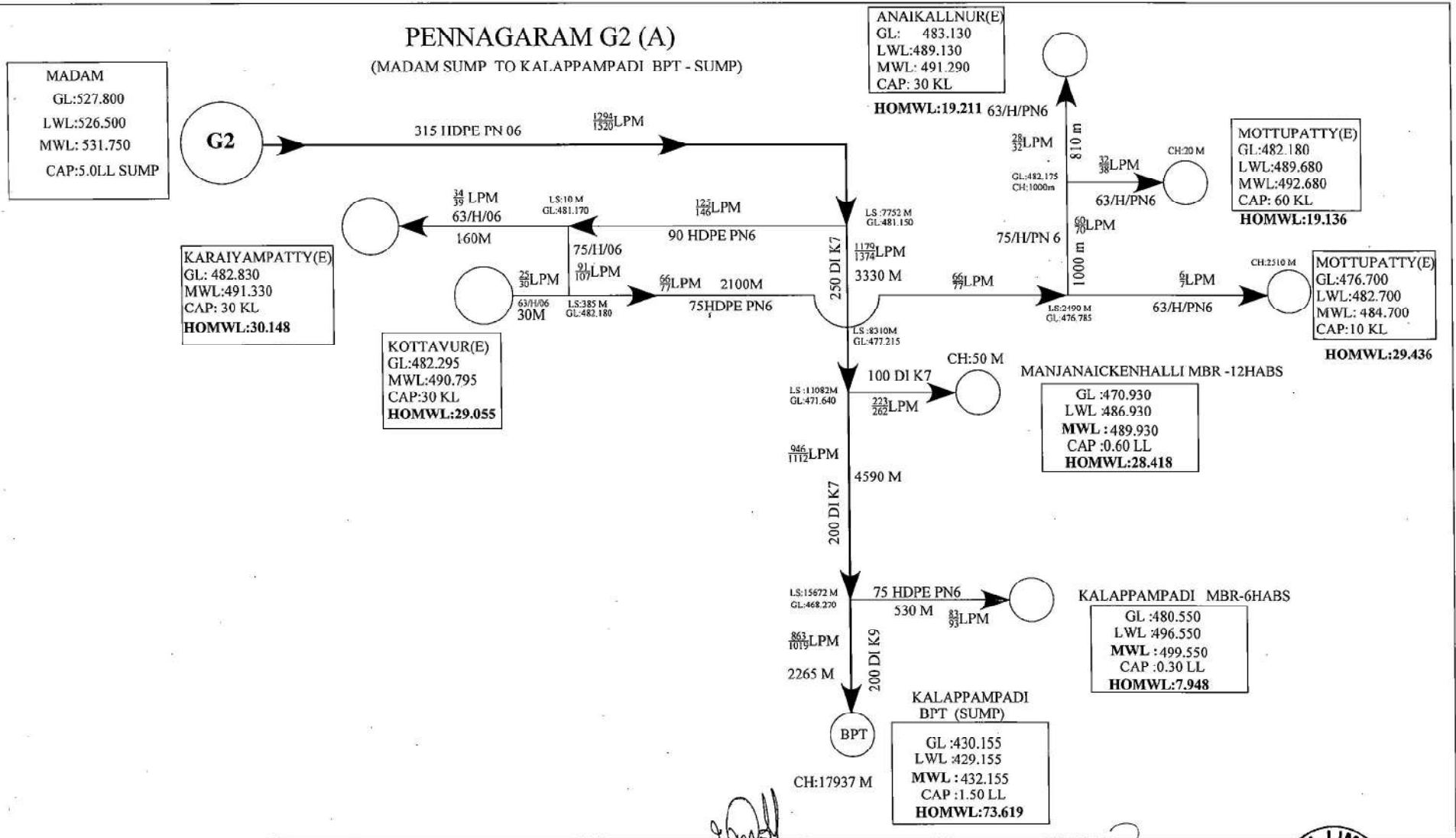
# PENNAGARAM G1

(MADAM SUMP TO MANGARAI MBR)



# PENNAGARAM G2 (A)

(MADAM SUMP TO KALAPPAMPADI BPT - SUMP)



14/6/2011  
HWS/FMP/2011

14/6/2011  
87711

14/6/2011  
Resident Engineer  
Package II - Regional Office  
PMC for HWS & FMP  
Dharmapuri

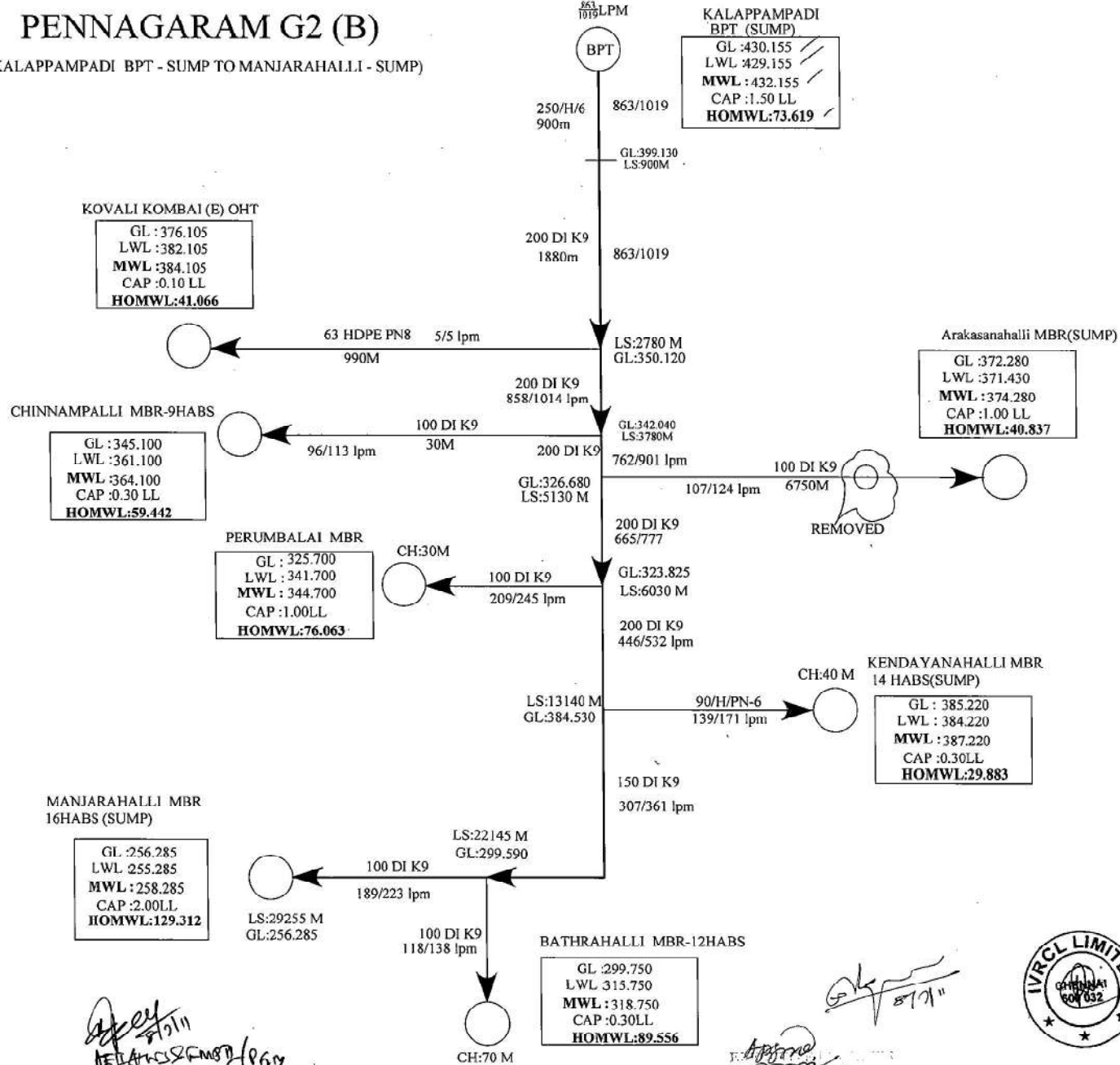
00031

EXECUTIVE ENGINEER,  
TWARD BOARD,  
HOGENAKKAL WS PIU-II,  
DHARMAPURI



# PENNAGARAM G2 (B)

(KALAPPAMPADI BPT - SUMP TO MANJARAHALLI - SUMP)

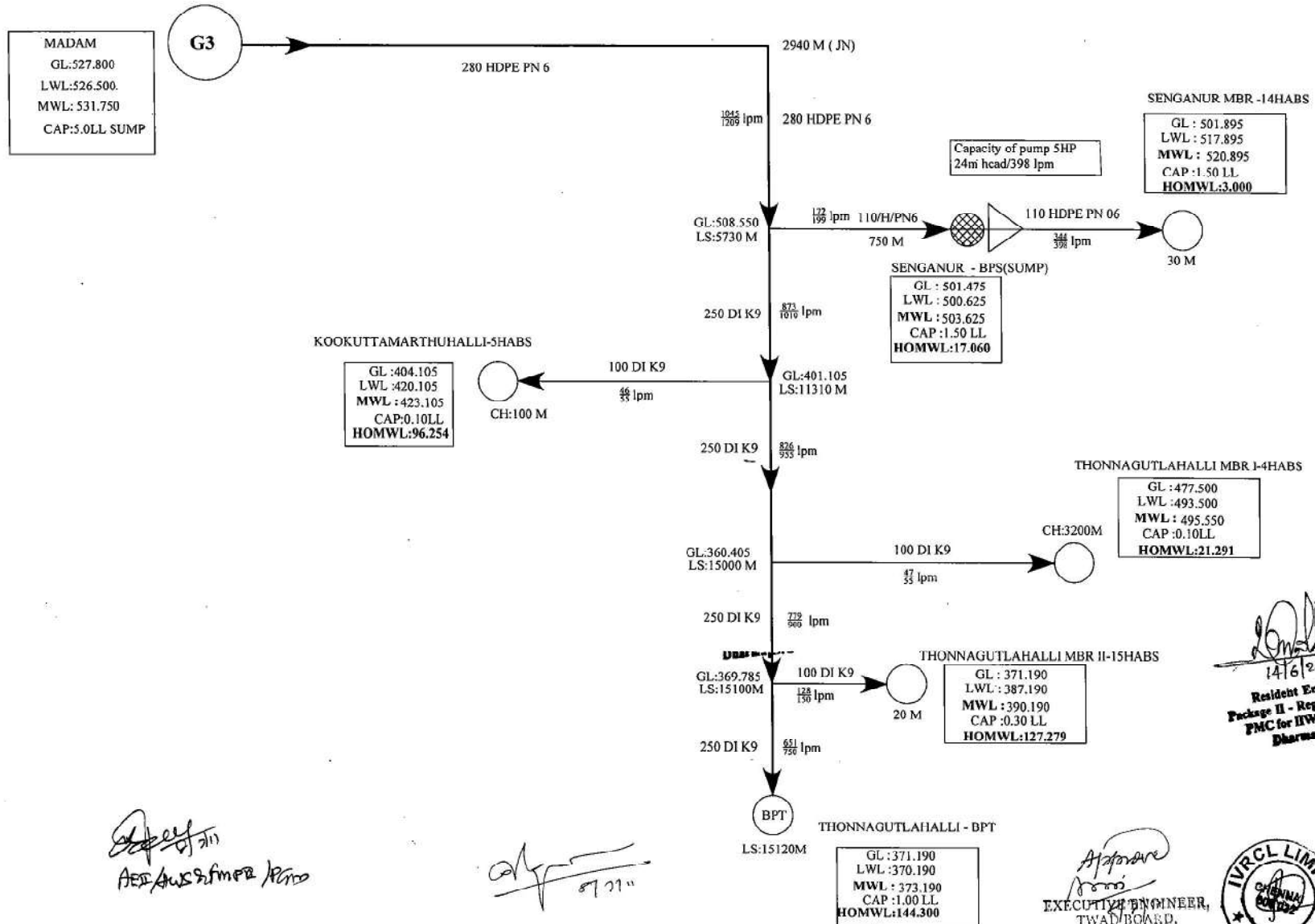


14/6/2011  
 Resident Engineer  
 Package II - Regional Office  
 PMC for HWS & FMP  
 Dharmapark



# PENNAGARAM G3 (A)

(MADAM SUMP TO THONNAGUTLAHALLI BPT - SUMP)



14/6/2011  
Resident Engineer  
Package II - Regional Office  
PMC for IWS & FMP  
Dharmapuri

EXECUTIVE ENGINEER,  
TWARD BOARD,  
HOENAKKAL WS PIU-II,  
DHARMAPURI



THONNAGUTLAHALLI - BPT

GL : 371.190  
LWL : 370.190  
MWL : 373.190  
CAP : 1.00 LL  
HOMWL : 144.300

# PENNAGARAM G3 (B)

(THONNAKUTTALAHALLI BPT - SUMP TO NAGAMARAI -I MBR)

RAMAKONDAHALLI  
(SUMP)

GL : 343.370  
LWL : 342.370  
MWL : 345.370  
CAP : 0.30 LL  
HOMWL : 11.478

NAGAMARAI MBR II-5HABS  
LS:5050 m

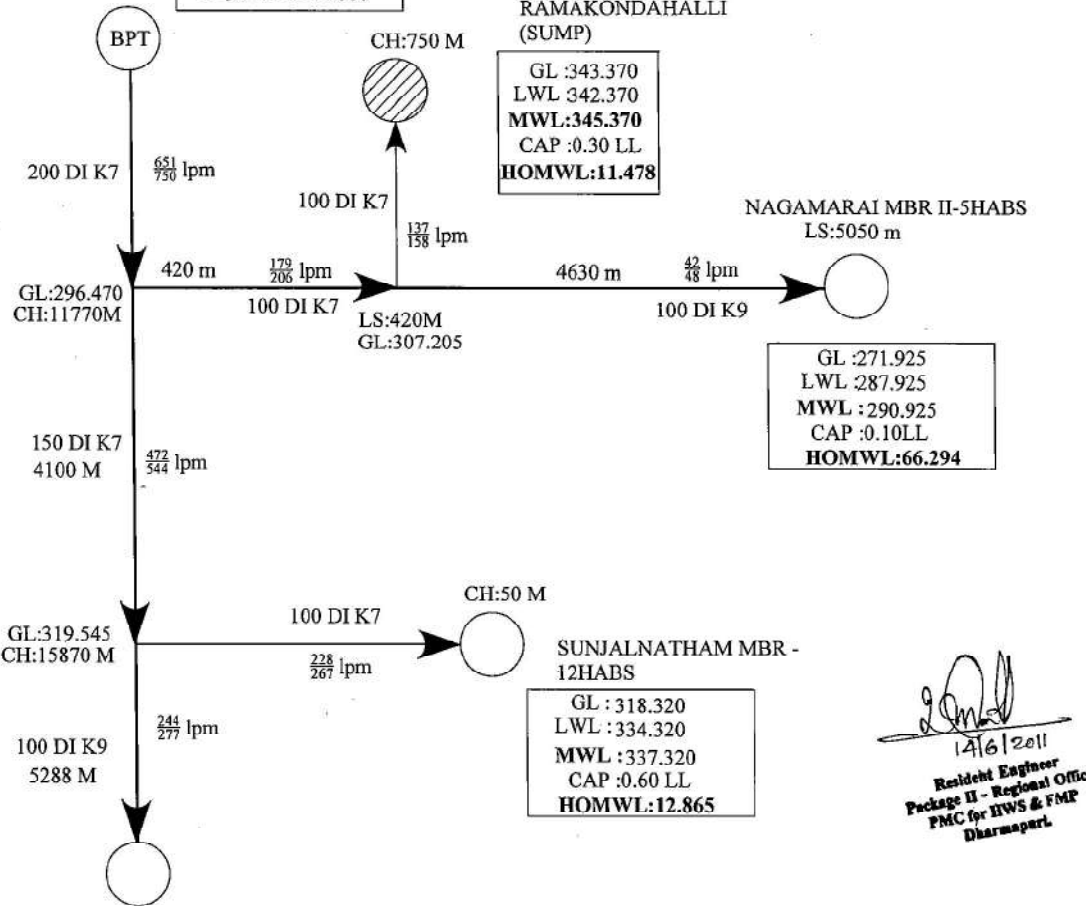
GL : 271.925  
LWL : 287.925  
MWL : 290.925  
CAP : 0.10LL  
HOMWL : 66.294

SUNJALNATHAM MBR -  
12HABS

GL : 318.320  
LWL : 334.320  
MWL : 337.320  
CAP : 0.60 LL  
HOMWL : 12.865

CH:21158 M  
NAGAMARAI MBR I-20HABS

GL : 267.355  
LWL : 283.355  
MWL : 286.355  
CAP : 0.60 LL  
HOMWL : 40.927



*[Signature]*  
14/6/2011  
Resident Engineer  
Package II - Regional Office  
PMC for HWS & FMP  
Dharmapuri.

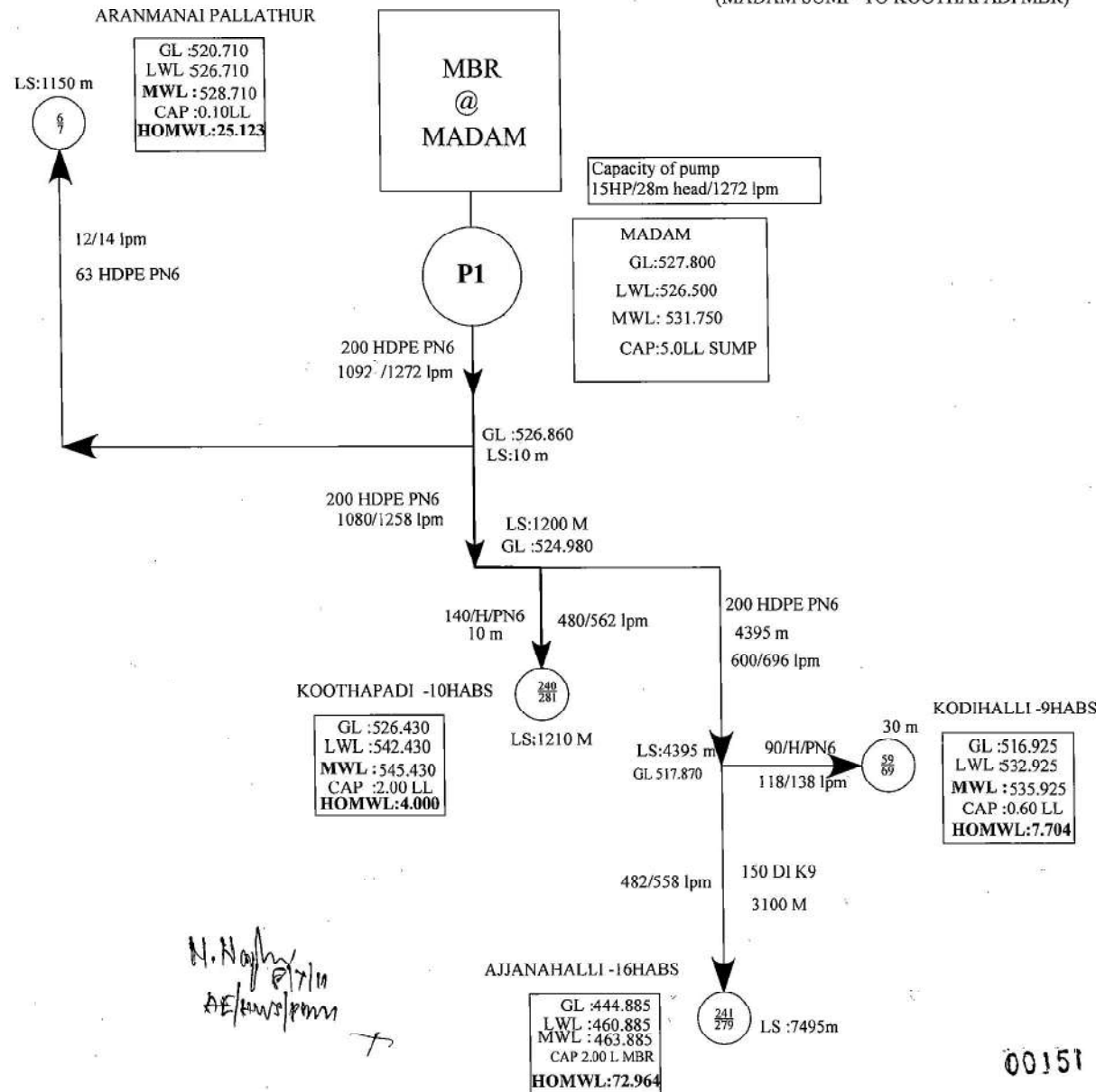
*[Signature]*  
8/7/11  
DE/HWS & FMP / PPM

*[Signature]*  
EXECUTIVE ENGINEER,  
TWAD BOARD,  
HOGENAKKAL WS PIU-II,  
DHARMAPURI.



# PENNAGARAM(P1)

(MADAM SUMP TO KOOHPADI MBR)



*Handwritten signature*

*Handwritten signature*  
14/6/2011  
Resident Engineer  
Package II - Regional Office  
PMC for HWS & FMP  
Dharmapuri.

*Approved*  
10/0001  
EXECUTIVE ENGINEER,  
TWAD BOARD,  
HOGENAKKAL WS PIU-II,  
DHARMAPURI.



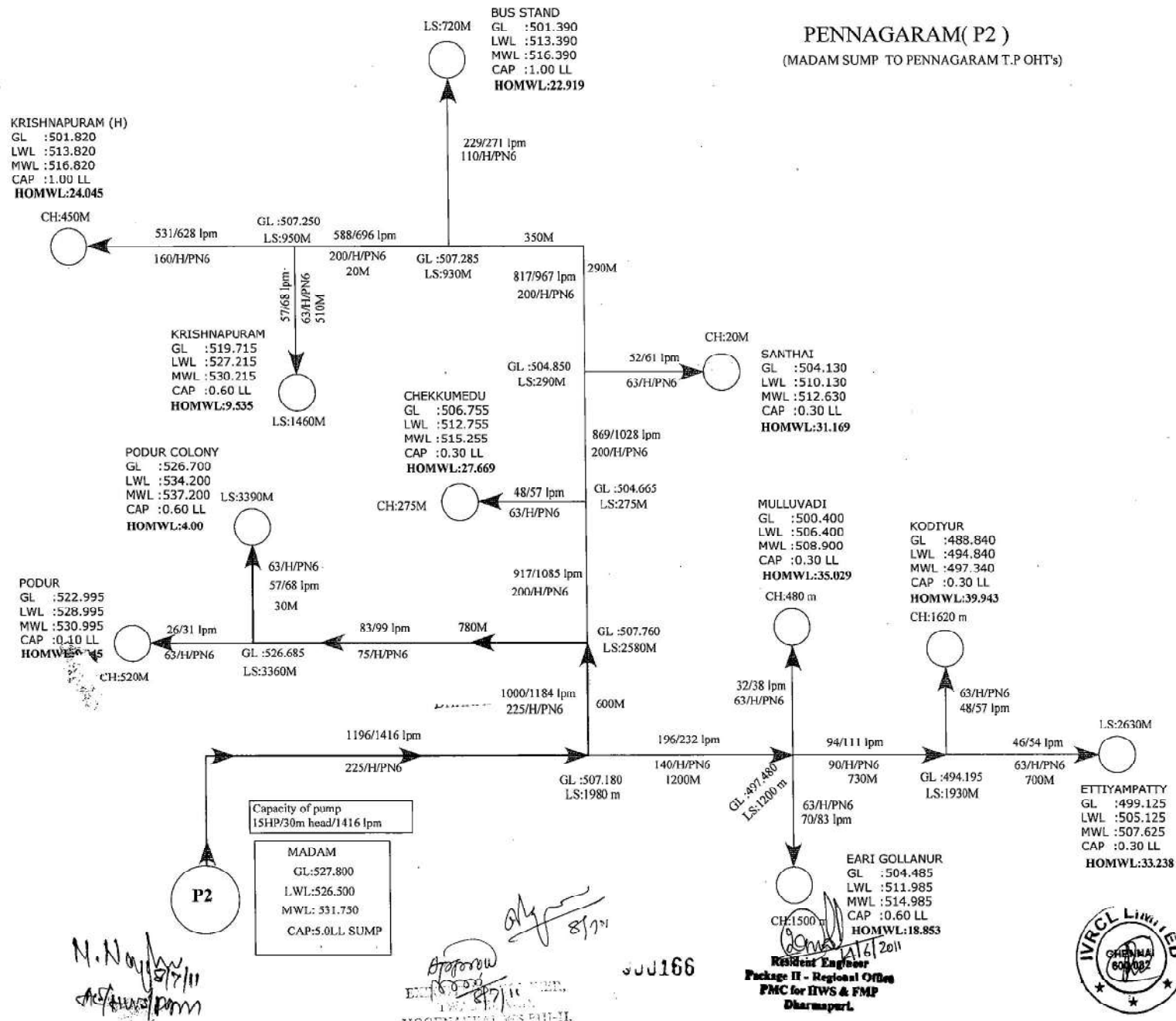
00151

00151

00147

*N. Nagesh*  
*AE/HWS/PMC*

**PENNAGARAM( P2 )**  
(MADAM SUMP TO PENNAGARAM T.P OHT's)



*N. Nagesh*  
*Asst. Engineer*

*Approved*  
*8/7/21*  
ENGINEER IN CHARGE  
MADAM SUMP

300166

*Resident Engineer*  
Package II - Regional Office  
PMC for HWS & FMP  
Dharmapuri





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# KONANGIHALLI (NALLAMPALLI UNION)

KONANGIHALLI UMBR

GL: 473.960  
LWL: 489.960  
MWL: 492.960  
CAP: 1.00LL - 16M

SOMANAHALLI  
SUMP

GL: 474.245M  
LWL: 473.245M  
MWL: 476.245M  
CAP: 3.00LL  
HOMWL: 6.924  
LS: 5205M

BANDAHALLI MBR-SHABS

GL: 479.940  
LWL: 495.940  
MWL: 498.940  
CAP: 0.10LL  
HOMWL: 3.000

TRUNK MAIN 1000 Ø MS PIPE

100 DI K7  
Feeder main

750  
877

UMBR

225 HDPE PN6  
750/877 LPM

LS 600M  
GL: 467.910

160 HDPE PN6  
4605M  
327/389 LPM

260/326 LPM  
Out Let for Somanahalli  
Panchayat-TNW

140 HDPE PN6  
1870 M  
394/452 LPM

GL: 457.670  
LS: 1870M

GL: 453.510  
LS: 2460M

GL: 454.250  
LS: 2960M

110 HDPE PN6  
590 M  
122/142 LPM

100 DI K7  
500 M  
122/142 LPM

LS: 6420M

1945 M  
423/488 LPM  
140 HDPE PN 6

GL: 464.160  
LS: 1945M

1435 M

110 HDPE PN6  
160/186 LPM

KONANGIHALLI SUMP

GL: 468.975M  
LWL: 467.975M  
MWL: 470.975M  
CAP: 1.50LL  
HOMWL: 7.747

LS: 3380 m

CH: 650 M

PANGUNATHAM MBR-16HABS

GL: 470.420  
LWL: 486.420  
MWL: 489.420  
CAP: 0.30LL  
HOMWL: 14.796

ERRABAYANAHALLI SUMP

GL: 464.160M  
LWL: 463.160M  
MWL: 466.160M  
CAP: 2.50LL  
HOMWL: 15.564

5 M  
263/302 LPM  
140 HDPE PN 6

SUMP

2400 m  
526/604 LPM  
160 HDPE PN6

CH: 2400 m  
GL: 474.970

140 HDPE PN6  
238/334 LPM

CH: 2240 m

EACHANAHALLI MBR-14HABS

GL: 483.975  
LWL: 499.975  
MWL: 502.975  
CAP: 1.00LL

HOMWL: 3.000

LS: 5610 m

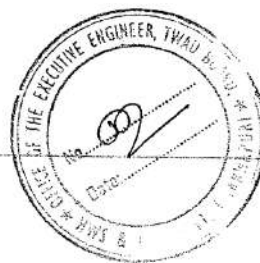
3210M

ERRABAYANAHALLI MBR -  
13HABS

GL: 461.140  
LWL: 477.140  
MWL: 480.140  
CAP: 2.00LL  
HOMWL: 25.690

KONANGIHALLI MBR -12HABS  
(Anna Nagar)

GL: 468.975M  
LWL: 484.975M  
MWL: 487.975M  
CAP: 2.00LL  
HOMWL: 3.000



Approved  
Category-I/  
Executive Engineer,  
TWAD Board, HWS & FMP, PIU-II,  
Dharmapuri.

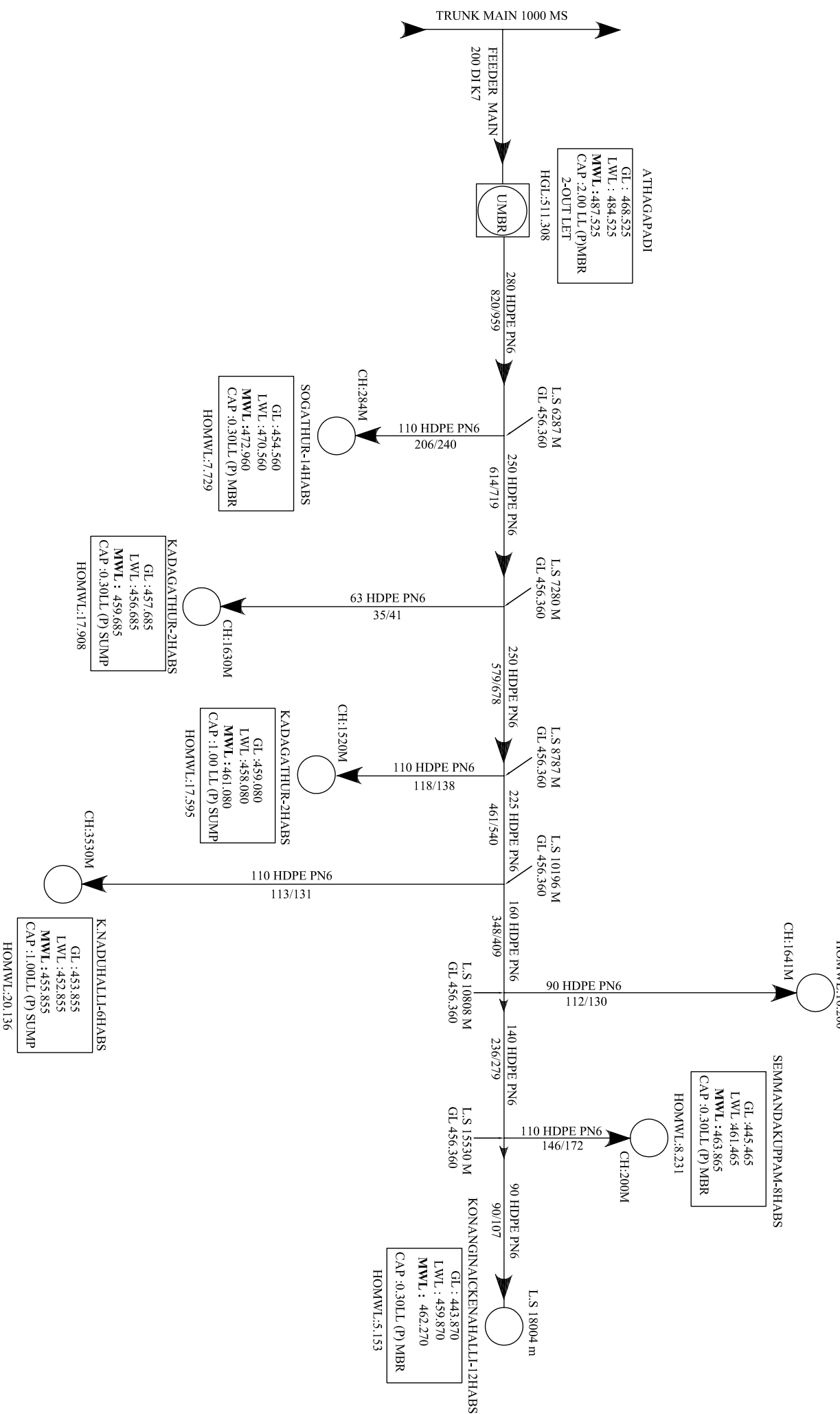
Resident Engineer  
Package II - Regional Office  
PMC for ITWS & FMP  
Dharmapuri.



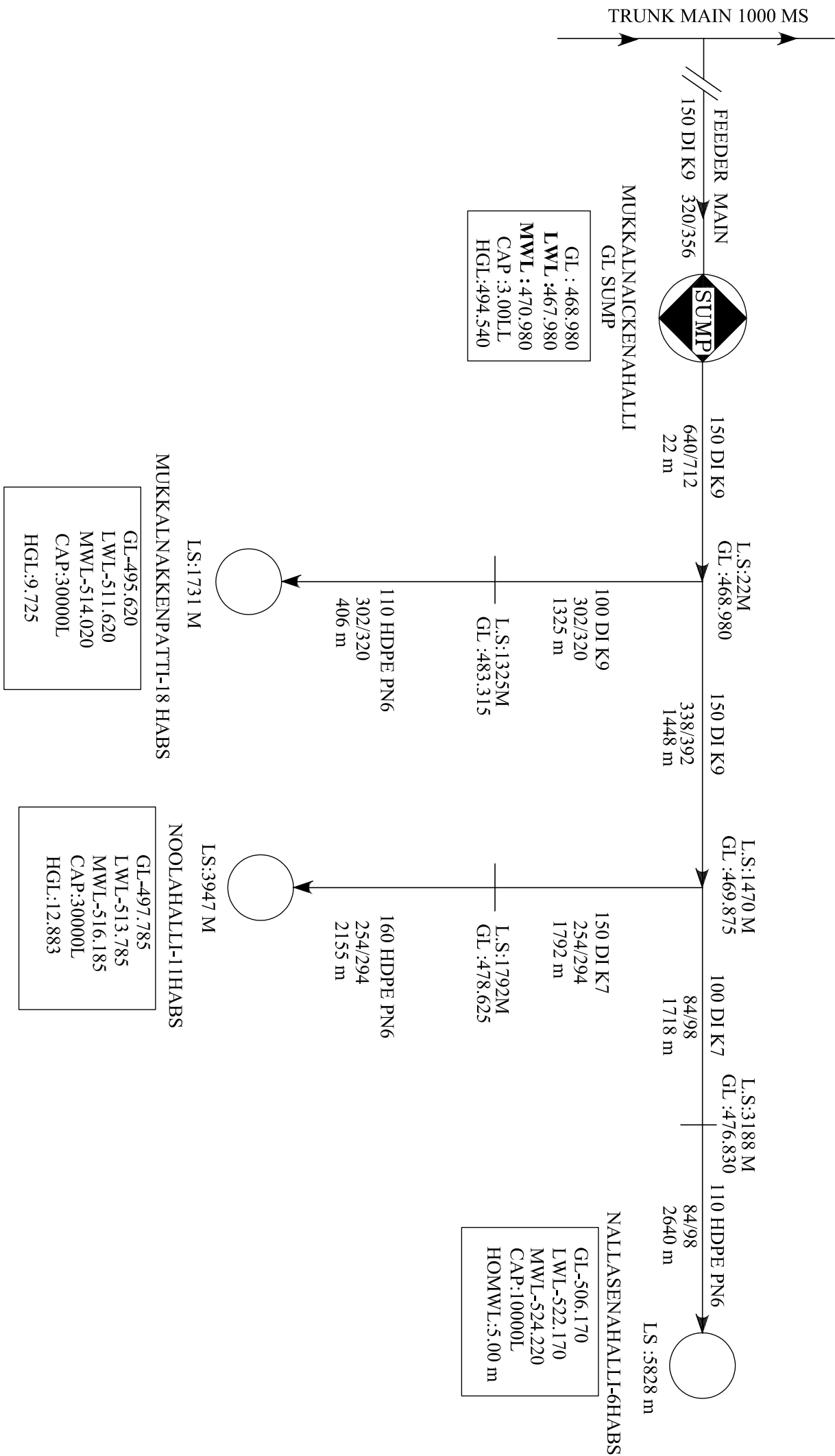
Assistant Executive Engineer  
TAWD Board, HWS & FMP, PIU II  
Pennagaram Sub Division,  
Pennagaram, Dharmapuri District.

HALE DHARMAPURI-6HABS

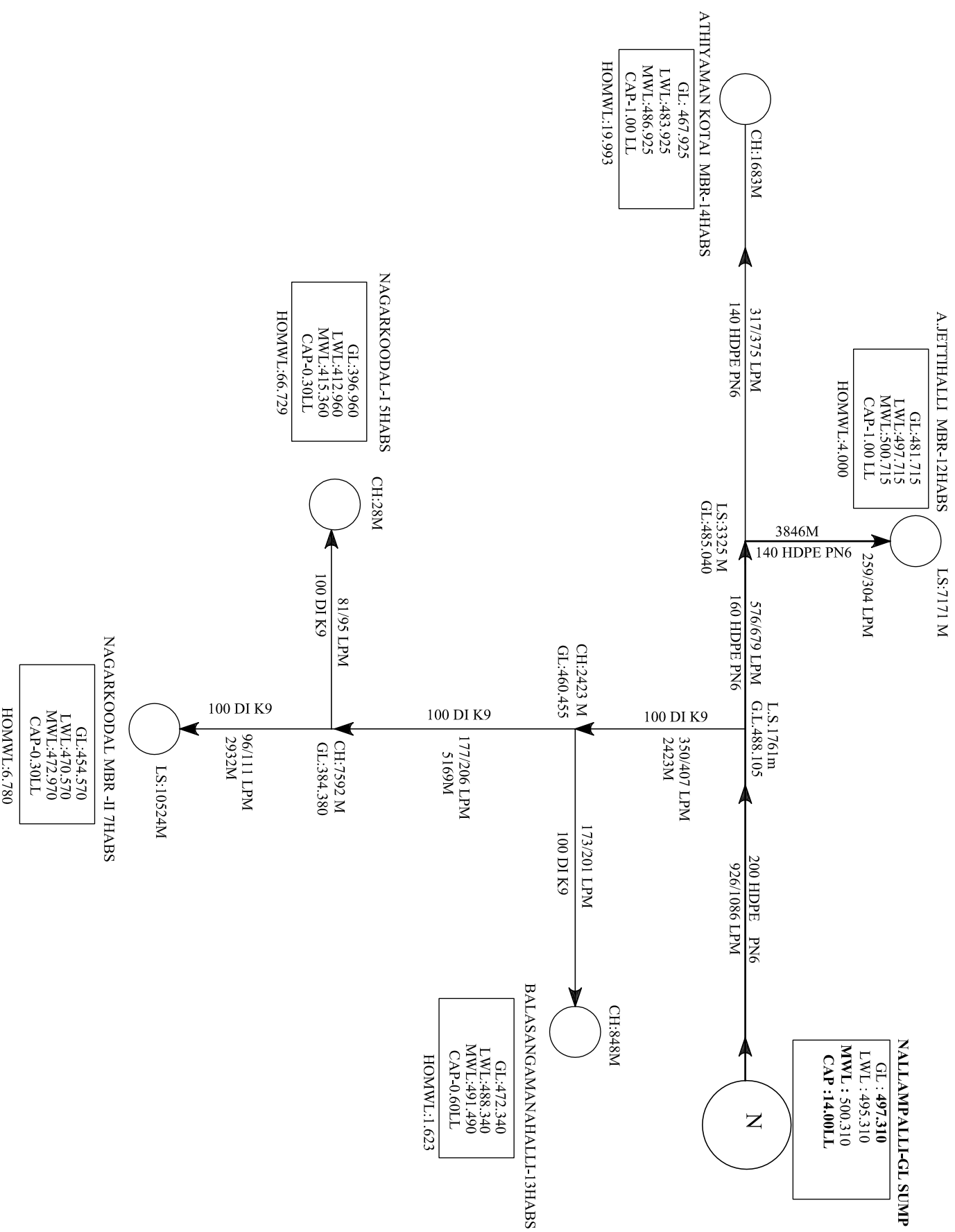
GL :445.015 LWL :461.015 <b>MWL :463.415</b> CAP :0.30L (P) MBR
--



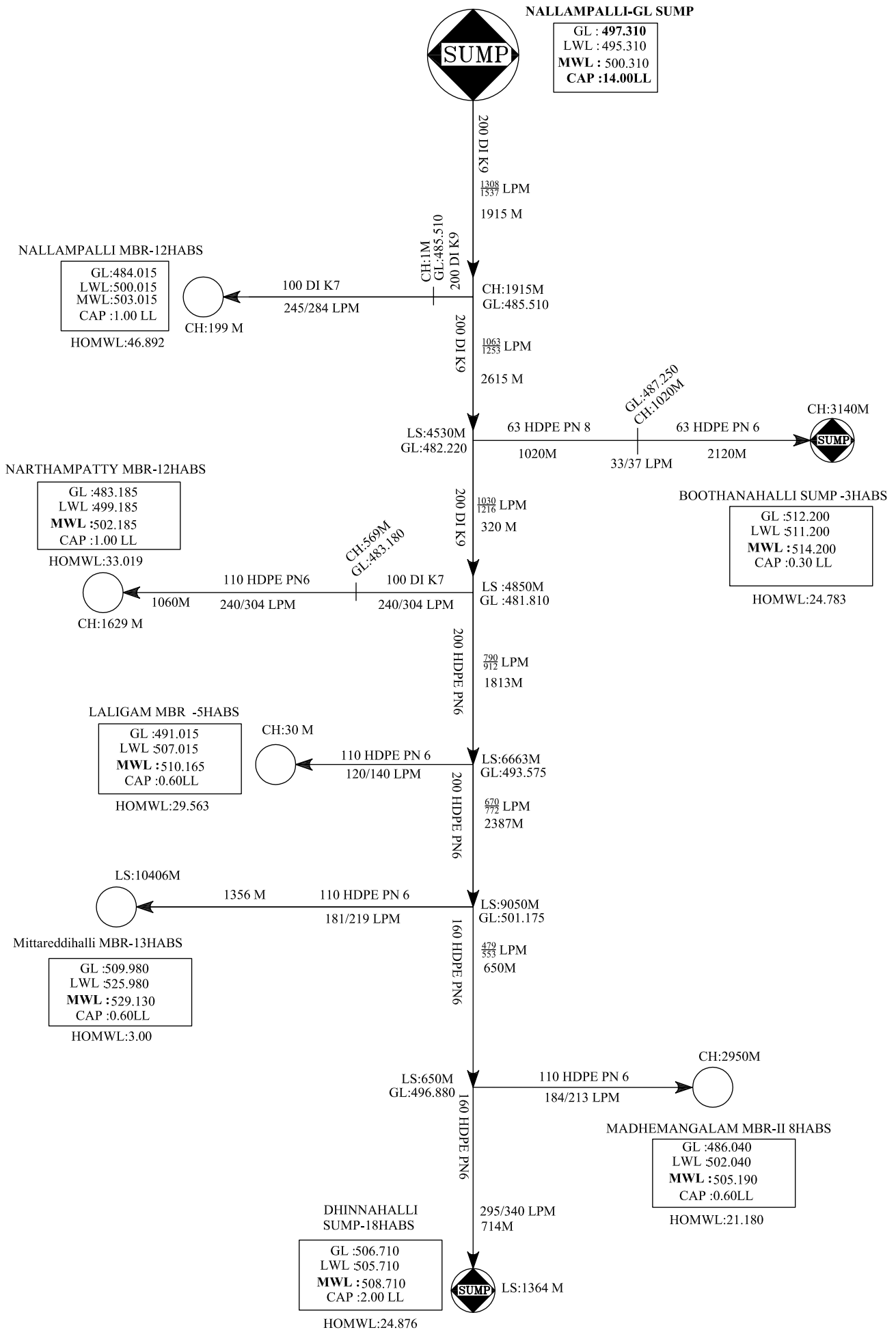
DHARMAPURI UNION - ITM



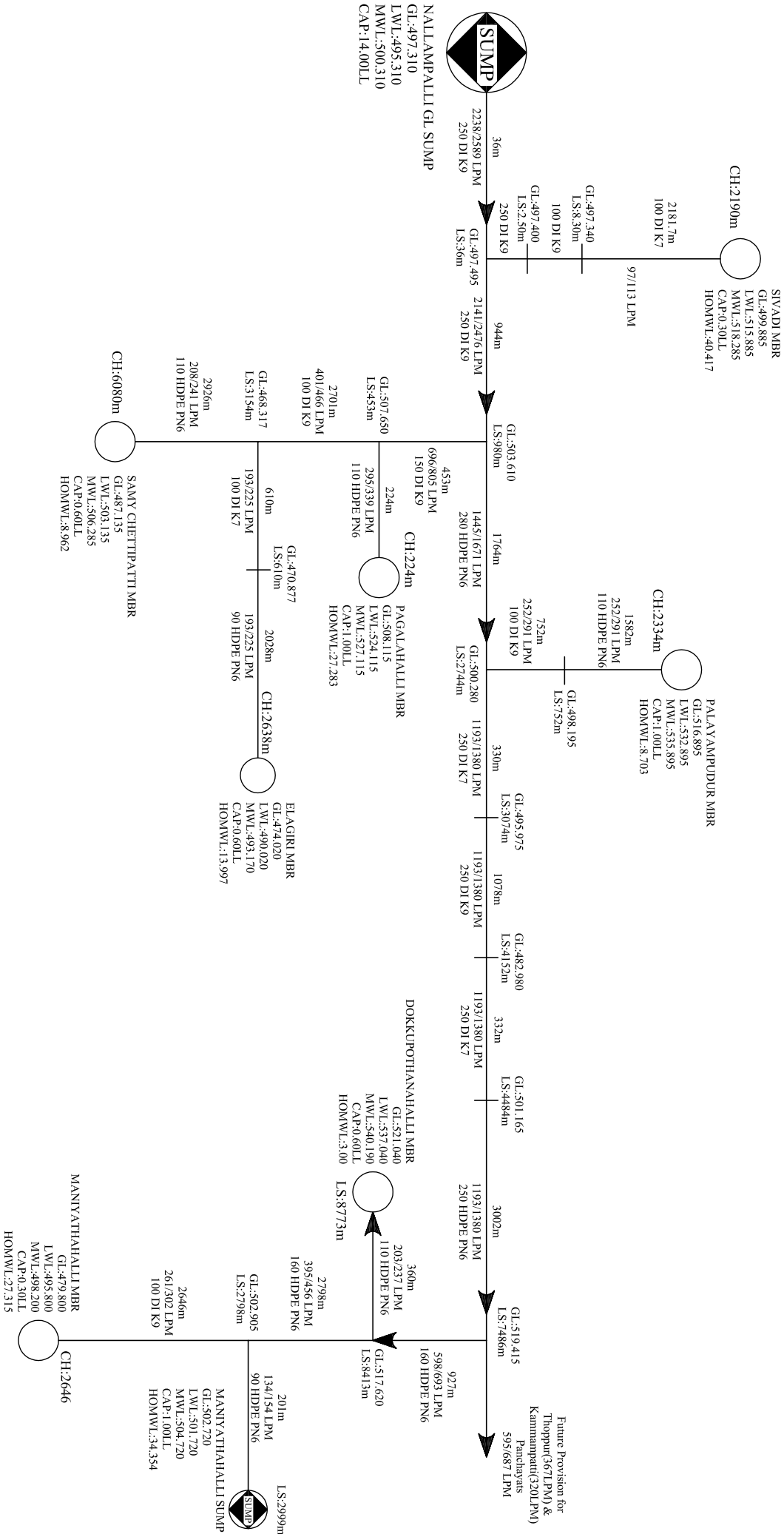
NALAMPALLI-(OUT LET 1)



# NALAMPALLI-( OUT LET 2)



NALAMPALLI- (OUT LET 3) FLOW DIAGRAM



**TITLE:-** NALLAMPALLI UNION INTERNAL TRANSMISSION MAIN OUTLET - 3 FLOW DIAGRAM

**CLIENT:-**



TAMIL NADU WATER SUPPLY  
& DRAINAGE BOARD

**CONTRACTOR**



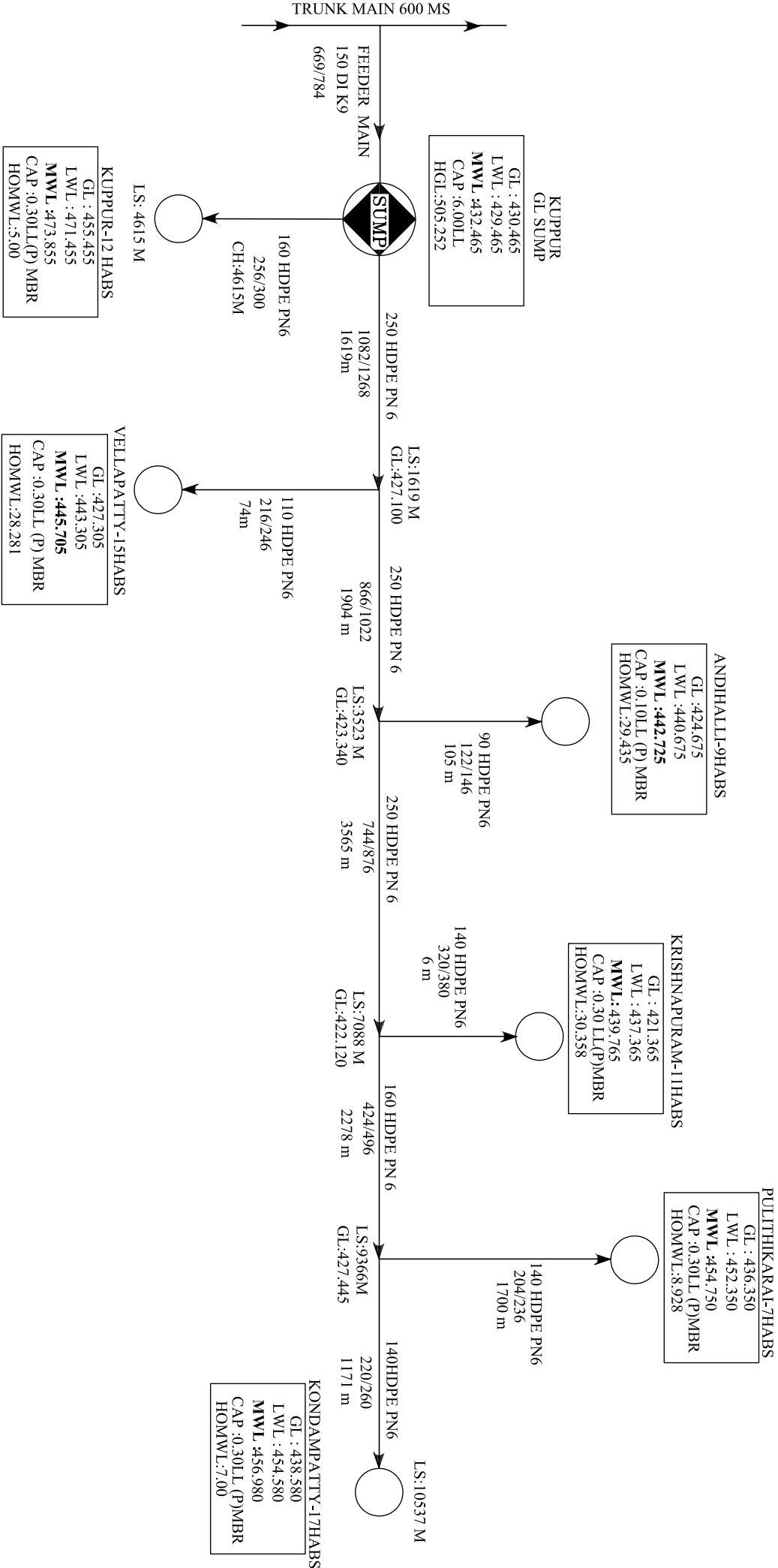
We make it happen

**PROJECT NAME**

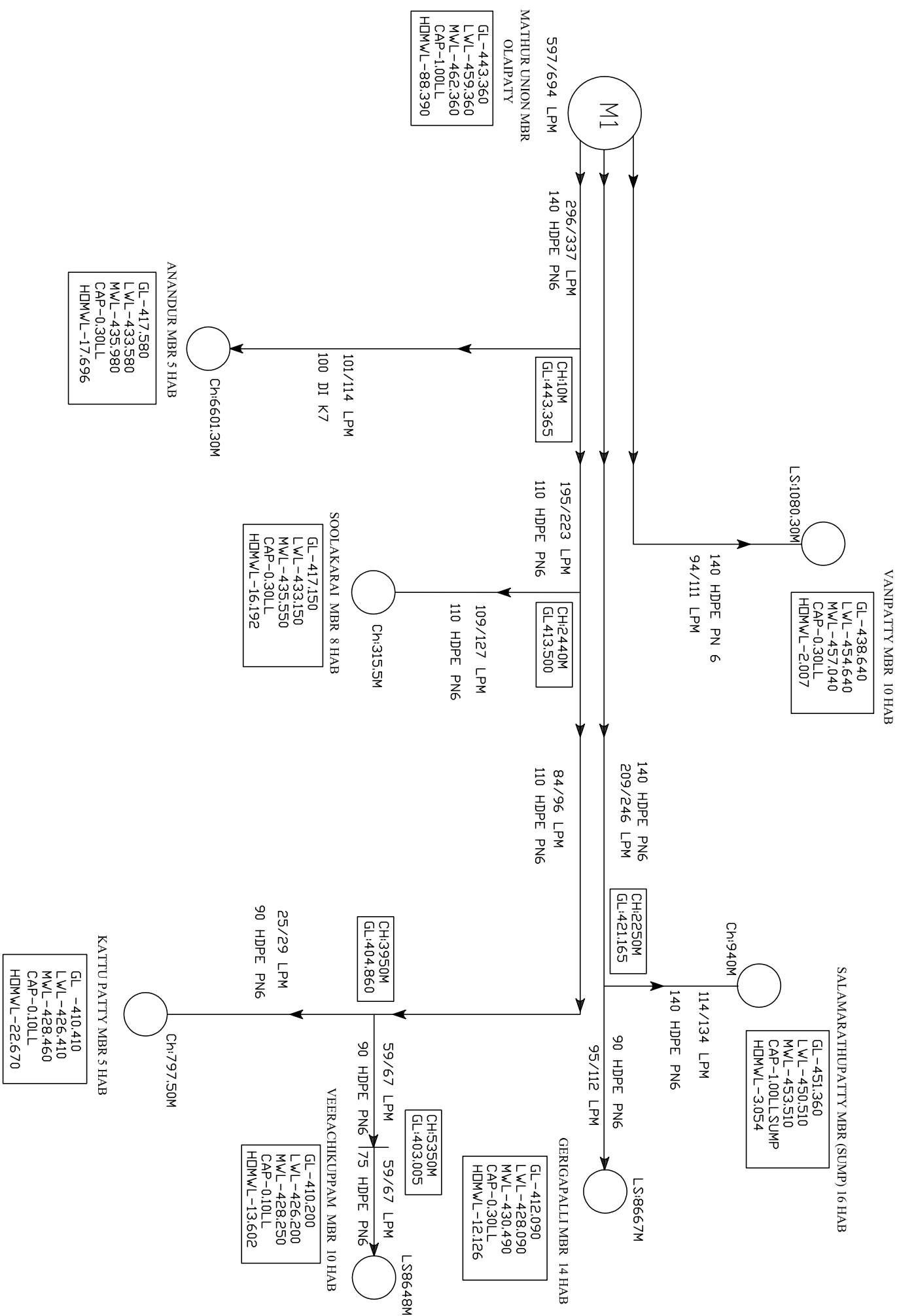
HOGENAKKAL WATER SUPPLY AND  
FLUOROSIS MITIGATION PROJECT  
Package II

Contract No.- PCEHWS&FMP/BD-#2009-2010

DHARMAPURI UNION - KUPPUR ITM

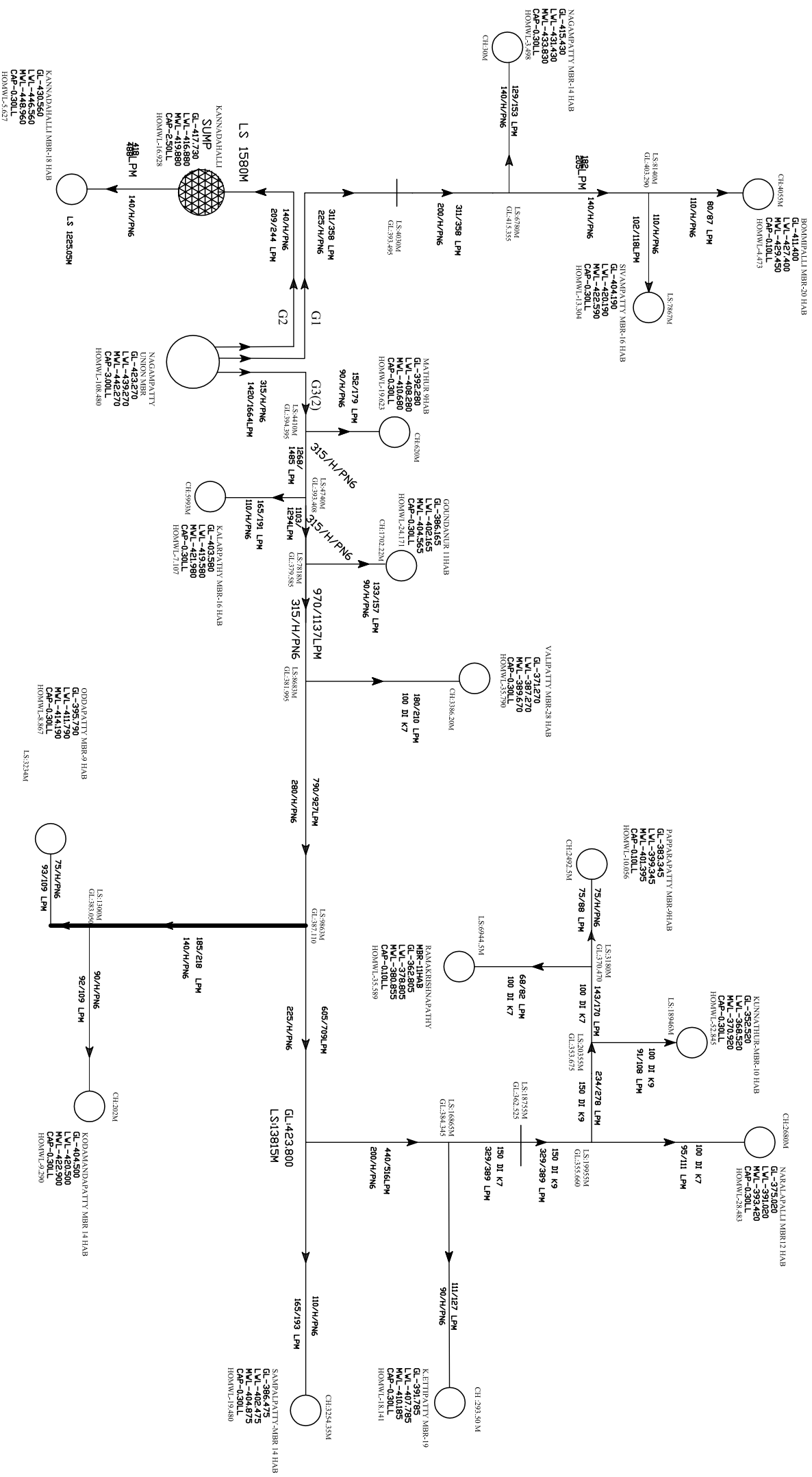


AS LAID FLOW DIAGRAM MATHUR UNION -ITM UMBR TO MBR

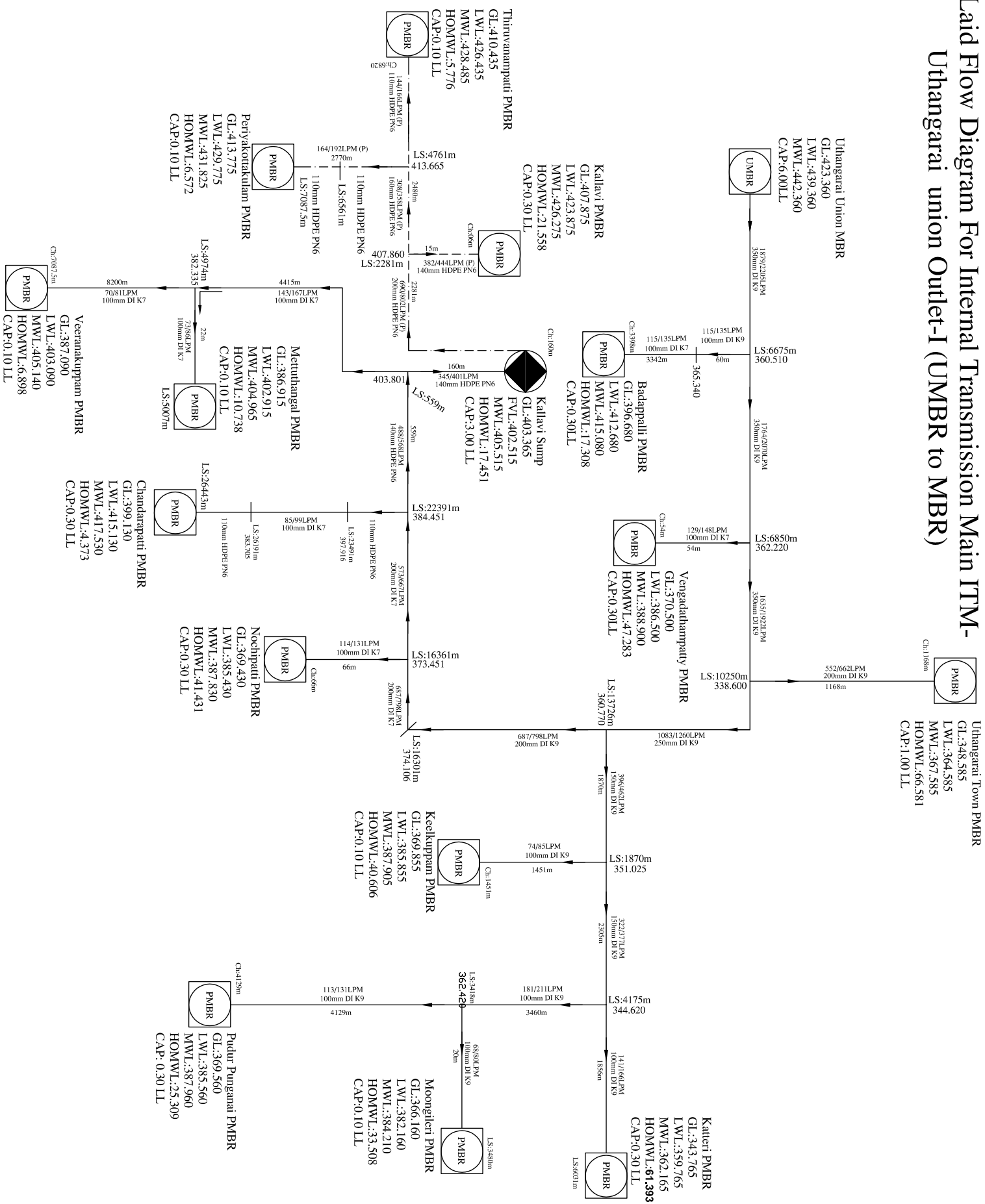




AS LAID FLOW DIAGRAM INTERNAL TRANSMISSION  
MATHUR UNION -ITM UMBR to MBR

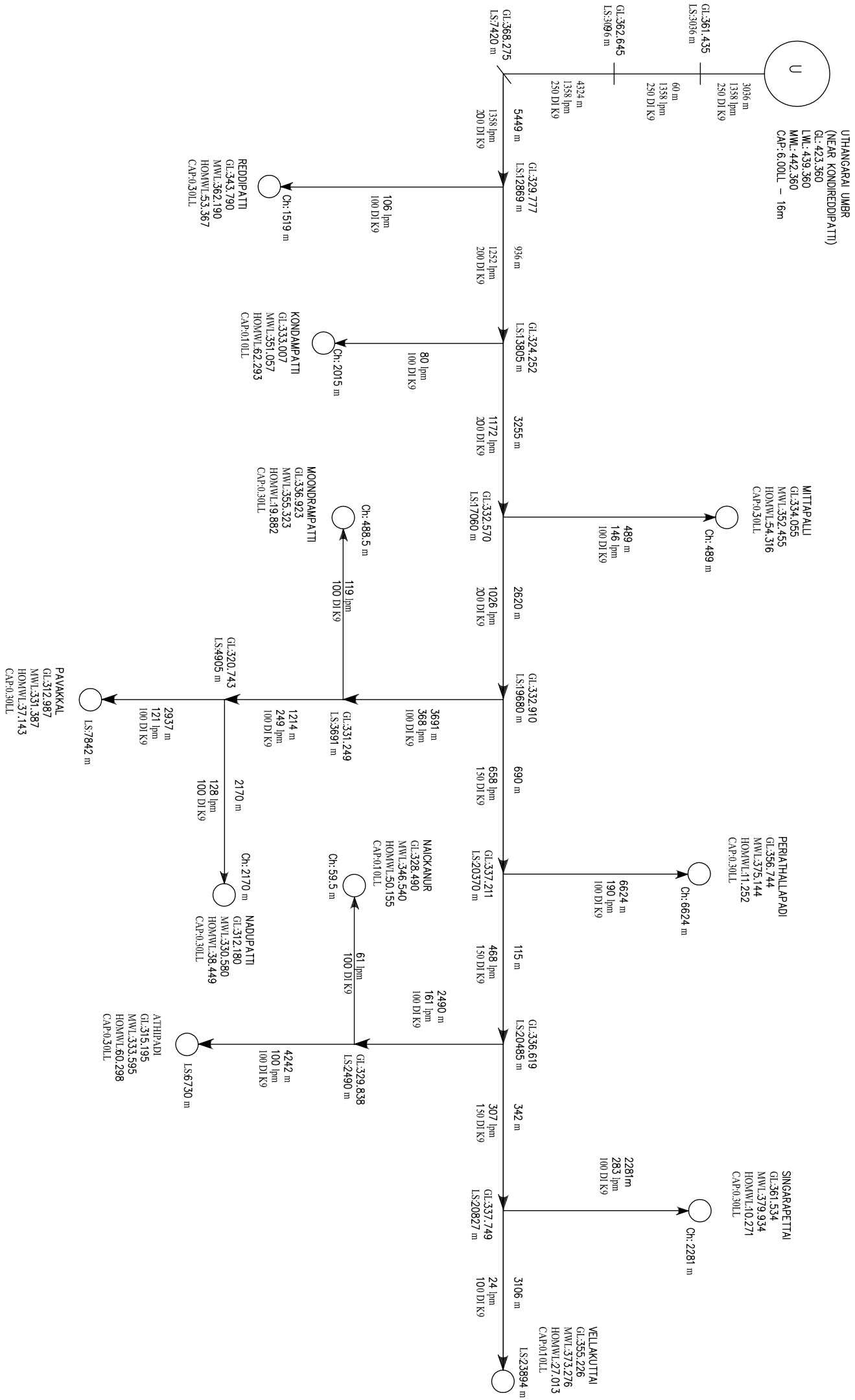


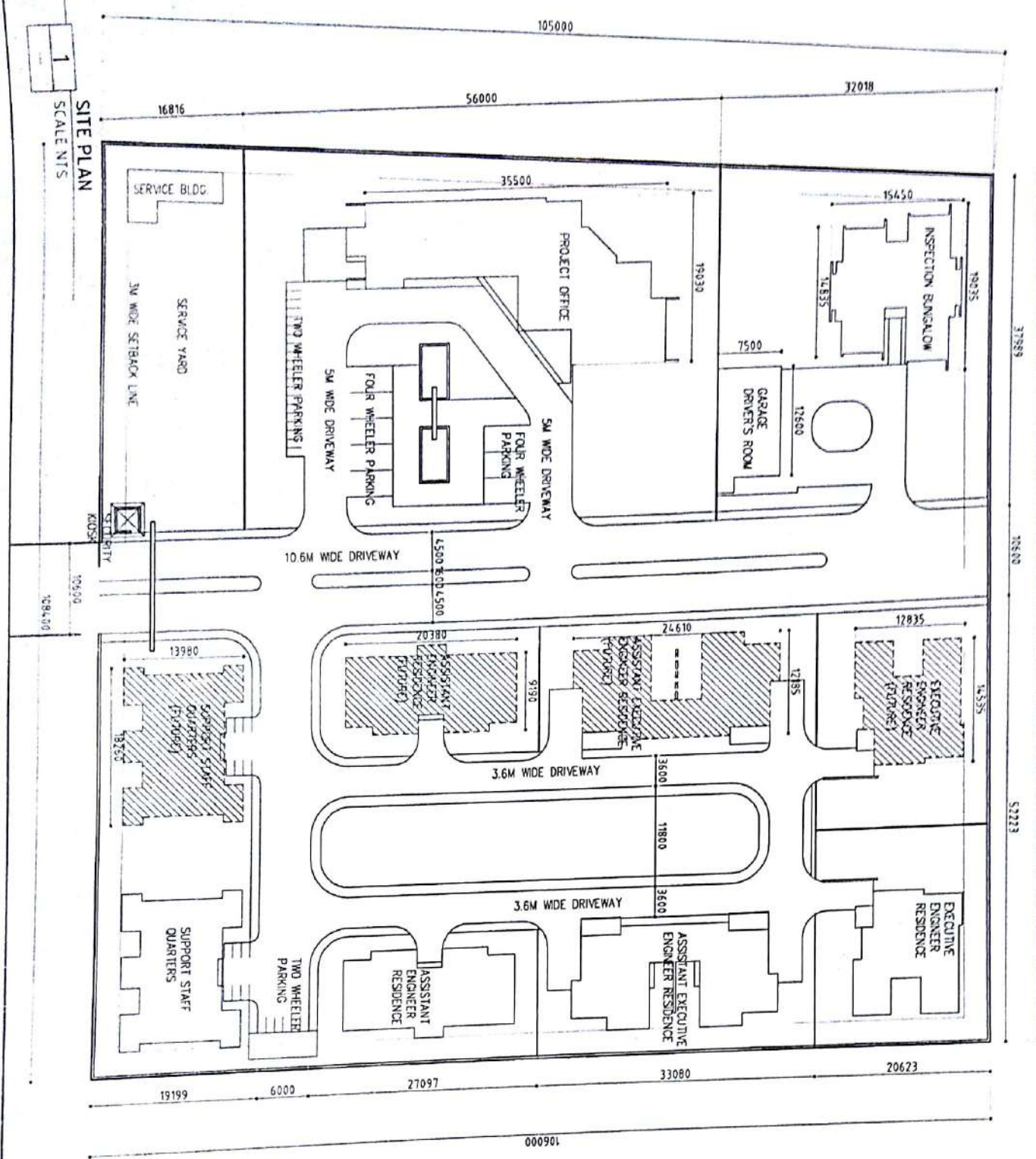
Uhangarai Town PMBR  
GL:348.585  
LWL:364.585  
MWL:367.585





As Laid Flow Diagram For Internal Transmission Main ITM - Uthangarai union Outlet-III (UMBR to MBR)





**SITE PLAN**  
SCALE 1:100

### DETAILED DESIGN

**PROPOSED PROJECT HOUSE AND STAFF QUARTERS FOR HWS & FM PROJECT AT DHARMAPURI**

#### SITE PLAN

DATE	14-03-2017	SCALE	1:100
DESIGNER	SAURABH	DRAWN	SAURABH
CHECKED	SAURABH	DATE	14-03-2017

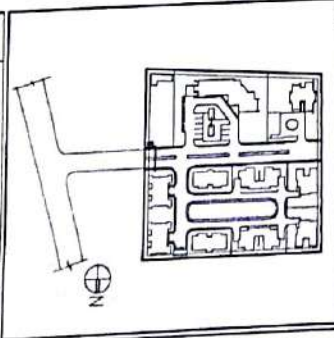


**TARA LIVING INTERIOR DESIGN AND RENOVATION**  
M.A. P. Datta Tower, Bhargava Nagar  
Dharmapur - 431001 P.O. Box 2211003



64, 6th Floor, 5th Bldg, 5th Phase  
Bangalore - 560075-07 www.gaura.in 011 88 2888002

- NOTES**
1. ALL DIMENSIONS ARE IN METERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
  2. THE DRAWING IS TO BE READ AND NOT SCALED.
  3. THE DRAWING IS A COPY AND NOT THE ORIGINAL. IT IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
  4. ALL DIMENSIONS SHALL BE GIVEN ON THE SITE FROM THE START OF WORK AND CHECKED BY THE ARCHITECT AT THE END OF EACH DAY.
  5. THE CONTRACTOR MUST CHECK ALL DIMENSIONS AND LEVELS AND BE RESPONSIBLE FOR THE SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
  6. THE DRAWING SHALL BE READ IN CONNECTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND SERVICES DRAWINGS, AND DISCREPANCY SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
  7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SERVICES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SERVICES.
  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SERVICES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND SERVICES.



140-33-AR-00-101