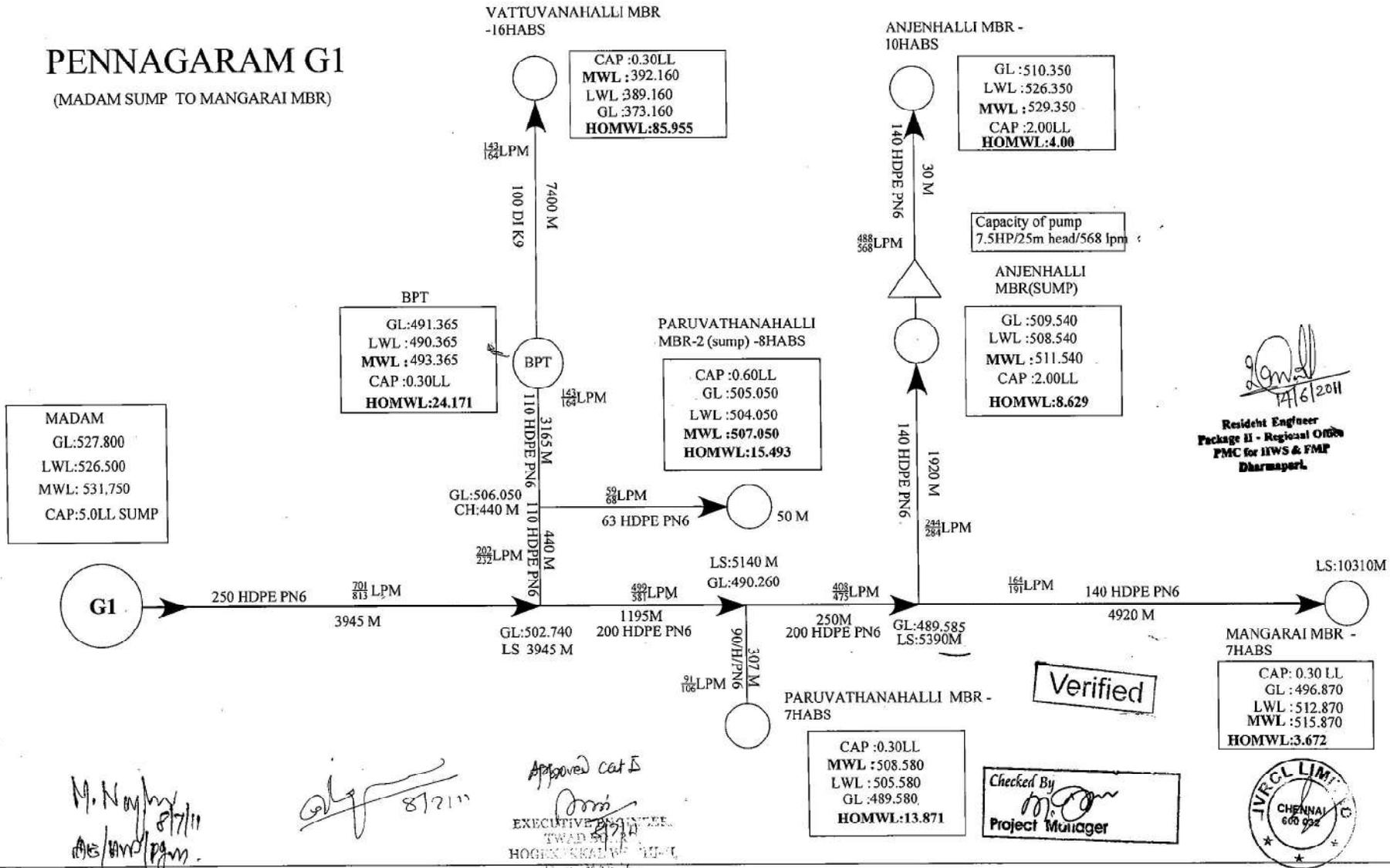


PENNAGARAM G1

(MADAM SUMP TO MANGARAI MBR)



[Signature]
 Resident Engineer
 Package II - Regional Office
 PMC for HWS & FMP
 Dharmapuri

Verified

Checked By
[Signature]
 Project Manager



M. Nayana
 27/11/11
 AS/AMP/PGM

[Signature]
 8/12/11

Approved cat B
[Signature]
 EXECUTIVE ENGINEER
 TWARD
 HOBBENKAL
 D. S. S. S. S.

PENNAGARAM G2 (A)

(MADAM SUMP TO KALAPPAMPADI BPT - SUMP)

ANAIKALLNUR(E)
GL: 483.130
LWL:489.130
MWL: 491.290
CAP: 30 KL

MADAM
GL:527.800
LWL:526.500
MWL: 531.750
CAP:5.0LL SUMP



KARAIYAMPATTY(E)
GL: 482.830
MWL:491.330
CAP: 30 KL
HOMWL:30.148

KOTTAVUR(E)
GL:482.295
MWL:490.795
CAP:30 KL
HOMWL:29.055

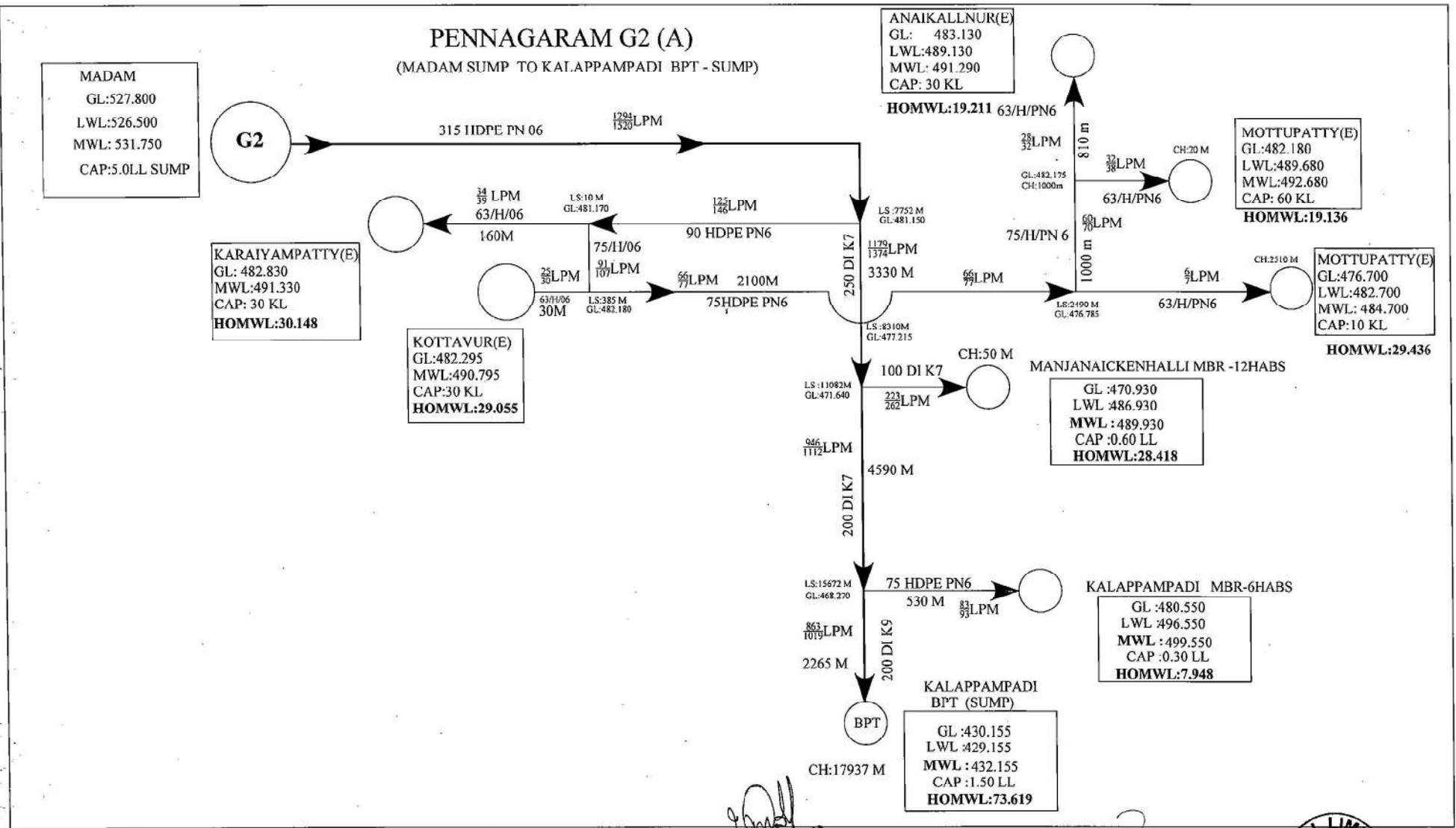
MOTTUPATTY(E)
GL:482.180
LWL:489.680
MWL:492.680
CAP: 60 KL
HOMWL:19.136

MOTTUPATTY(E)
GL:476.700
LWL:482.700
MWL: 484.700
CAP:10 KL
HOMWL:29.436

MANJANAICKENHALLI MBR -12HABS
GL :470.930
LWL :486.930
MWL :489.930
CAP :0.60 LL
HOMWL:28.418

KALAPPAMPADI MBR-6HABS
GL :480.550
LWL :496.550
MWL :499.550
CAP :0.30 LL
HOMWL:7.948

KALAPPAMPADI BPT (SUMP)
GL :430.155
LWL :429.155
MWL : 432.155
CAP :1.50 LL
HOMWL:73.619



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14/6/2011

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14/6/2011

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

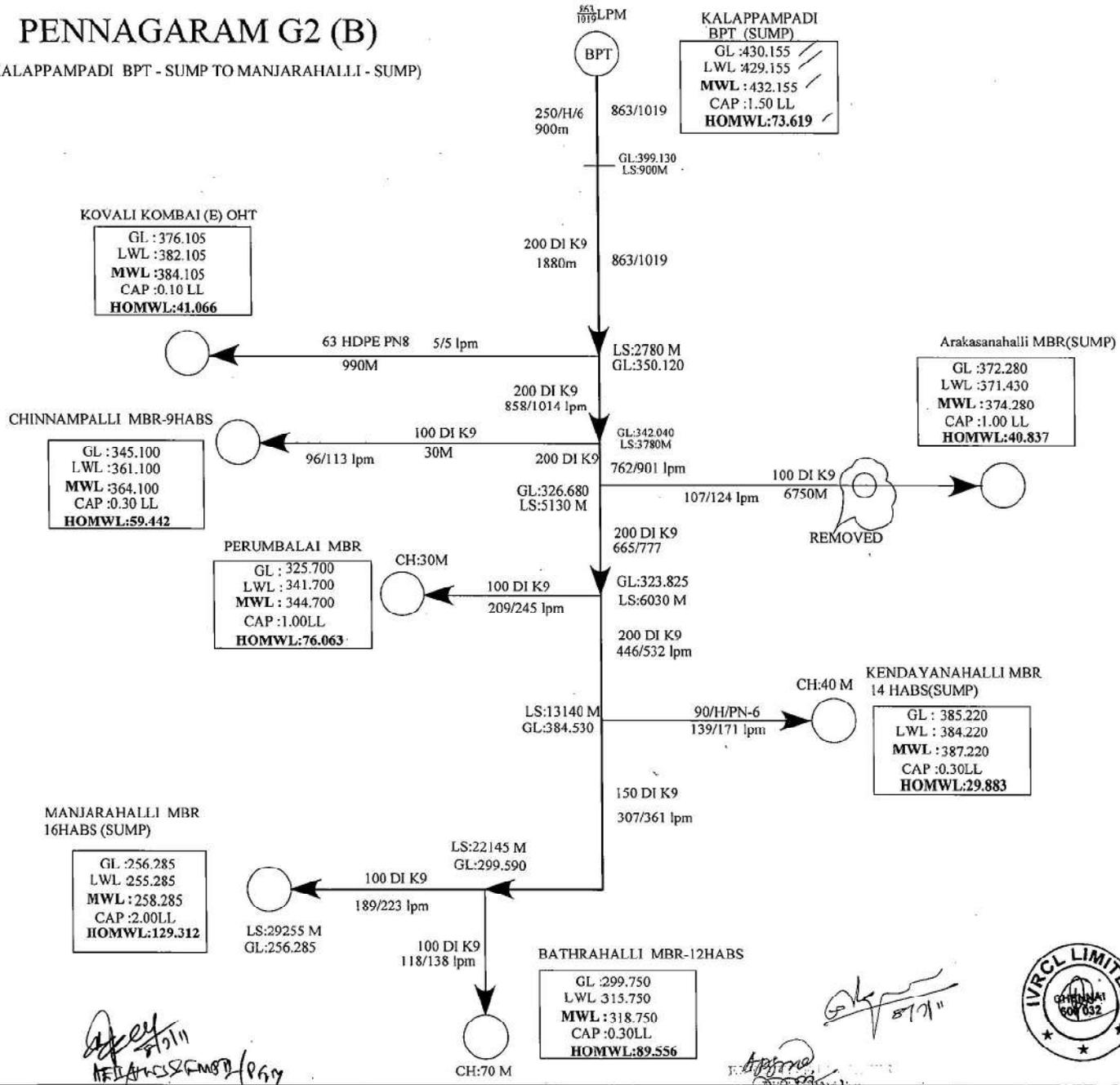
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EXECUTIVE ENGINEER,
TWAD BOARD,
HOGENAKKAL WS PIU-II,
DHARMAPURI



PENNAGARAM G2 (B)

(KALAPPAMPADI BPT - SUMP TO MANJARAHALLI - SUMP)



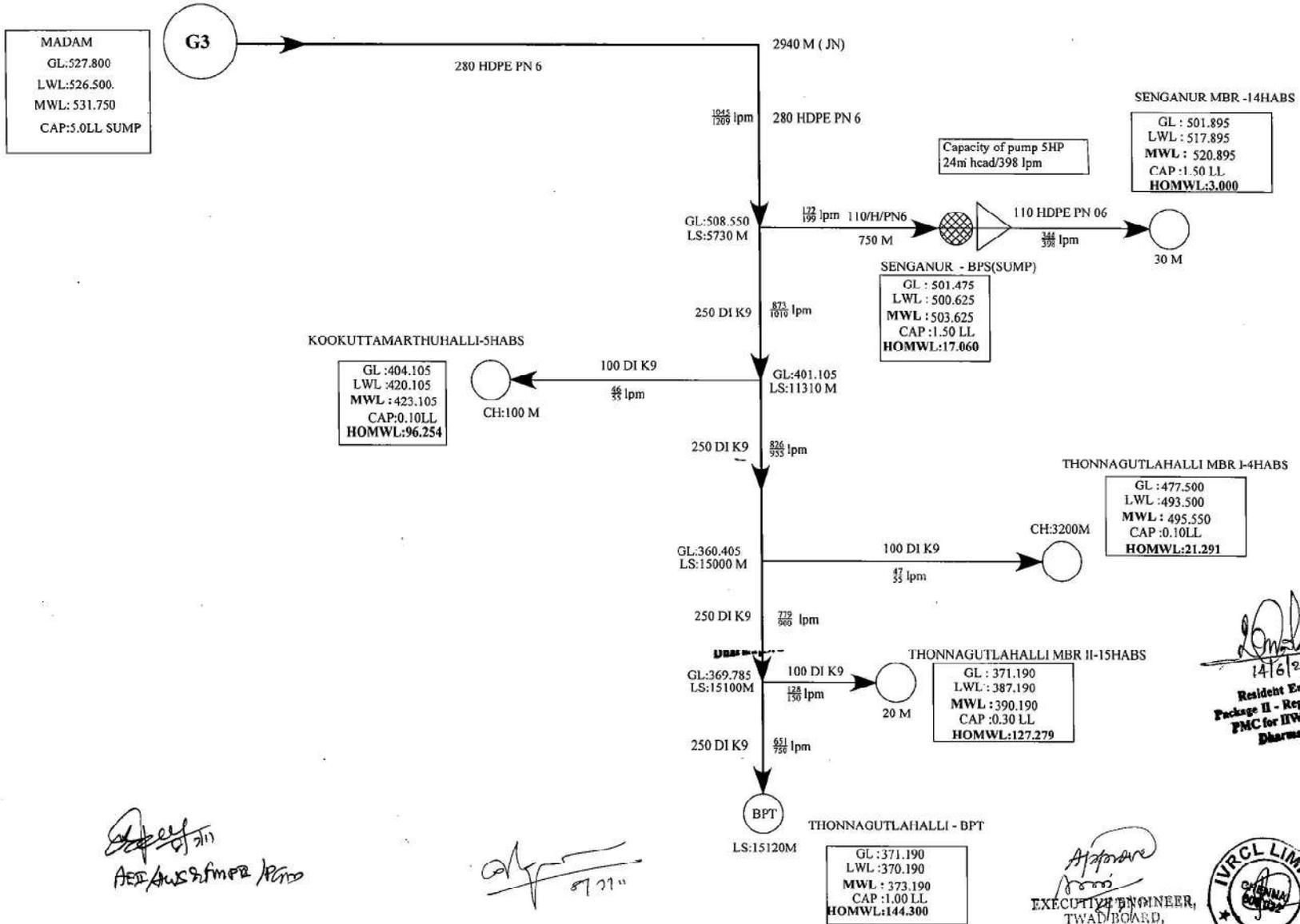
[Signature]
 14/6/2011
 Resident Engineer
 Package II - Regional Office
 PMC for IIWS & FMP
 Daarmapark



[Signature]
 14/6/2011

PENNAGARAM G3 (A)

(MADAM SUMP TO THONNAGUTLAHALLI BPT - SUMP)



[Signature]
14/6/2011
Resident Engineer
Package II - Regional Office
FMC for IWS & FMP
Dharmapuri

[Signature]
14/6/2011
Asst. Engineer

[Signature]
14/6/2011

[Signature]
EXECUTIVE ENGINEER,
TWARD BOARD,
HOENAKKAL WS PIU-II,
DHARMAPURI

IVRCL LIMITED

THONNAGUTLAHALLI - BPT

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

PENNAGARAM G3 (B)

(THONNAGUTLAHALLI 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

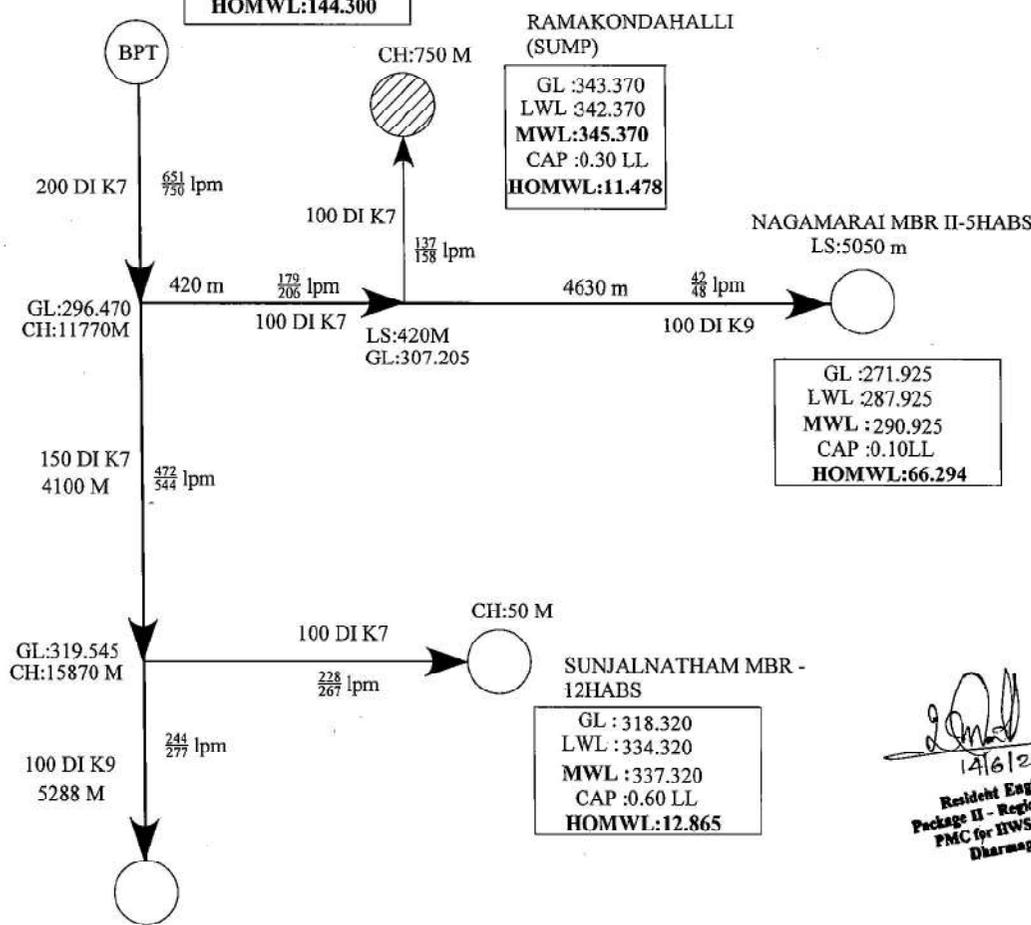
GL : 271.925
 LWL : 287.925
 MWL : 290.925
 CAP : 0.10LL
 HOMWL : 66.294

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 IWS & FMP
 Dharmapuri.

[Signature]
 08/7/11
 AED/HWS & FMP/RRM

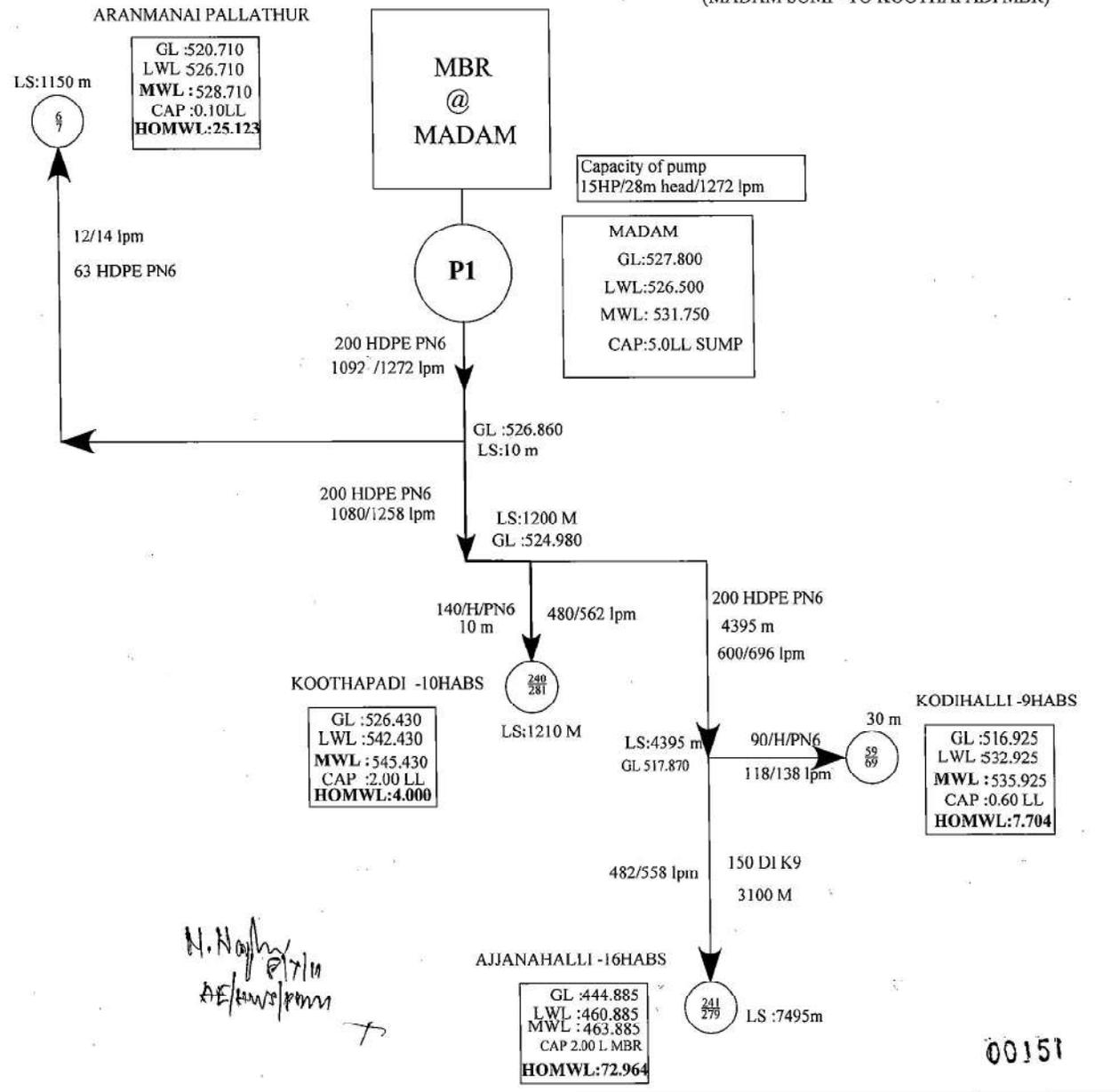
[Signature]
 EXECUTIVE ENGINEER,
 TWAD BOARD,
 HOGENAKKAL WS PIU-II,
 DHARMAPURI.



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 08/7/11

PENNAGARAM(P1)

(MADAM SUMP TO KOOHPADI MBR)



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

Approved
Handwritten signature
EXECUTIVE MEMBER,
TWAD BOARD,
HOENAKKAL WS PIU-II,
DHARMAPURI.

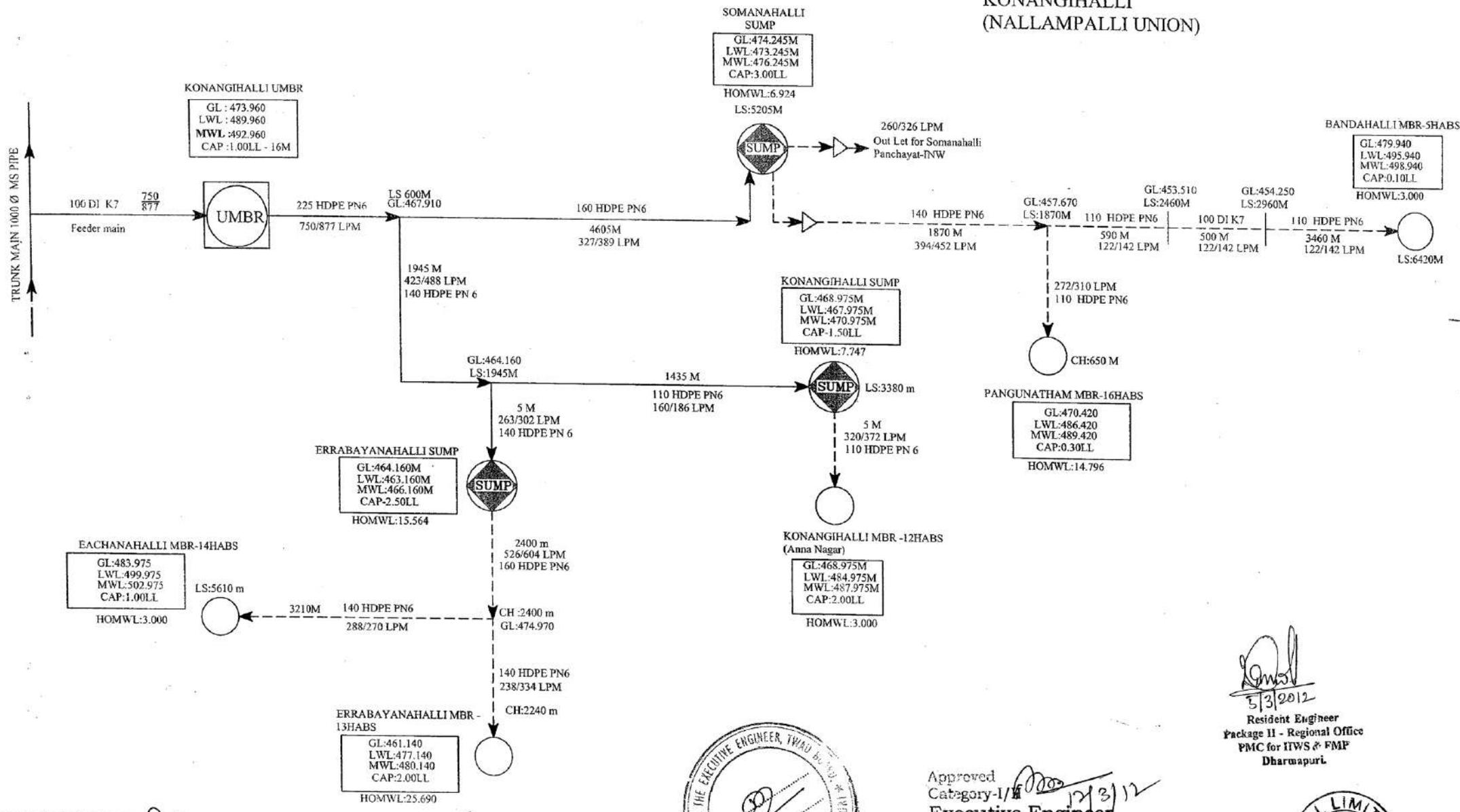


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AE/HWS/PMC

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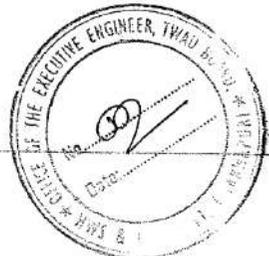
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KONANGIHALLI (NALLAMPALLI UNION)



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12/3/12
Assistant Executive Engineer
TAWD Board, HWS & FMP, PIU II
Pennagaram Sub Division,
Pennagaram, Dharmapuri District.

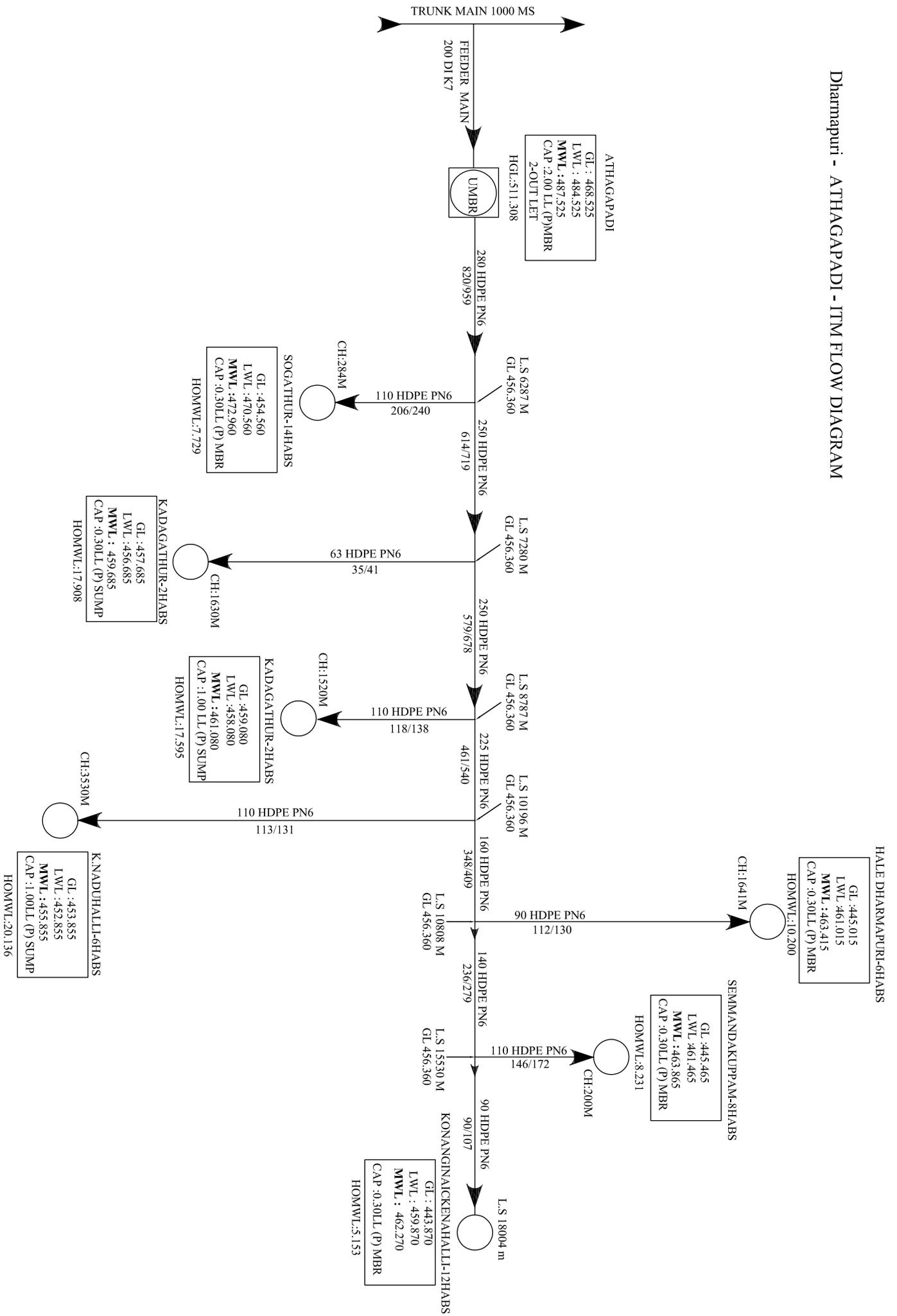


Approved
Category-I/*Handwritten signature*
12/3/12
Executive Engineer,
TAWD Board, HWS & FMP, PIU-II,
Dharmapuri.

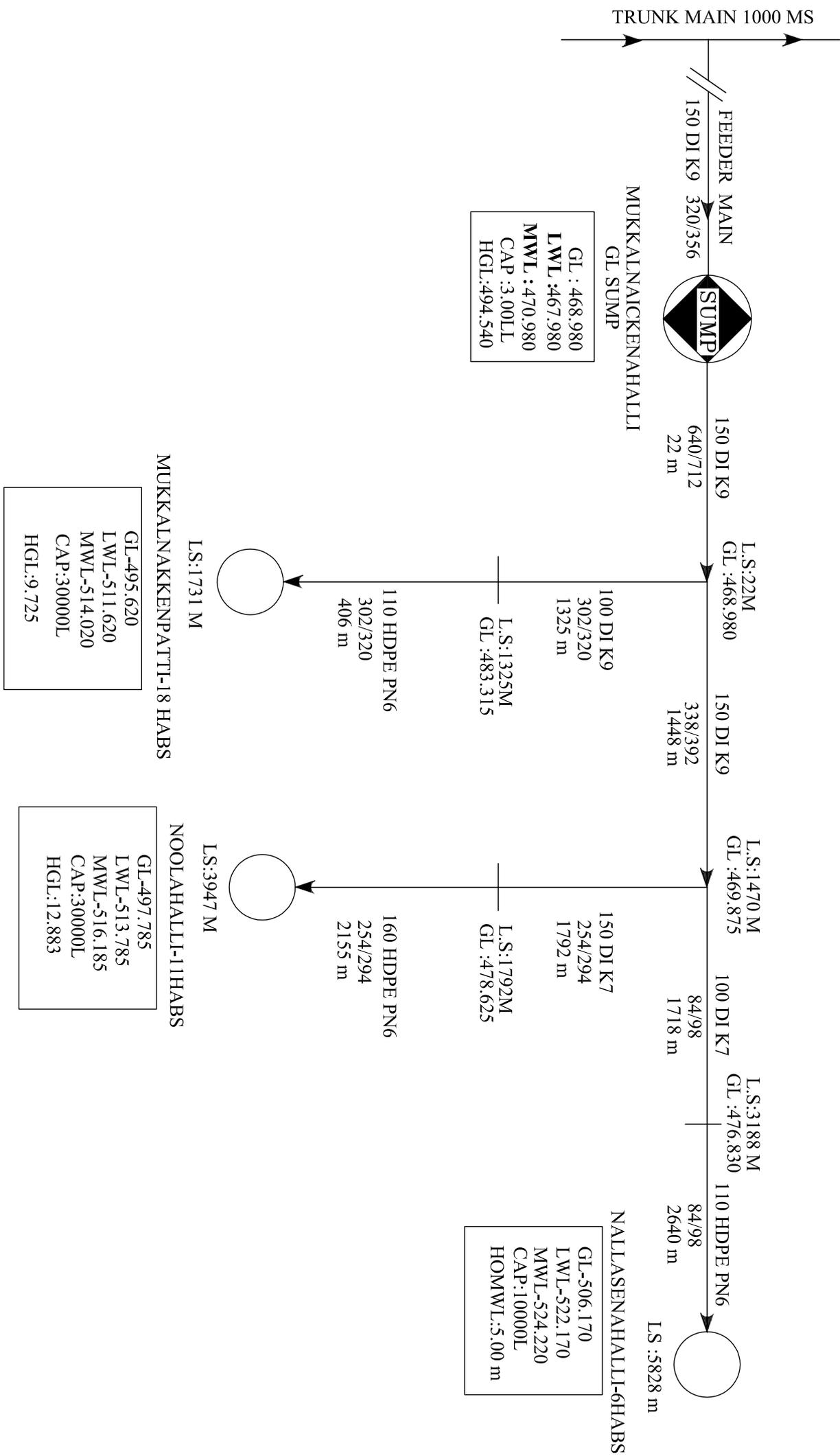
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5/3/2012
Resident Engineer
Package II - Regional Office
PMC for ITWS & FMP
Dharmapuri.



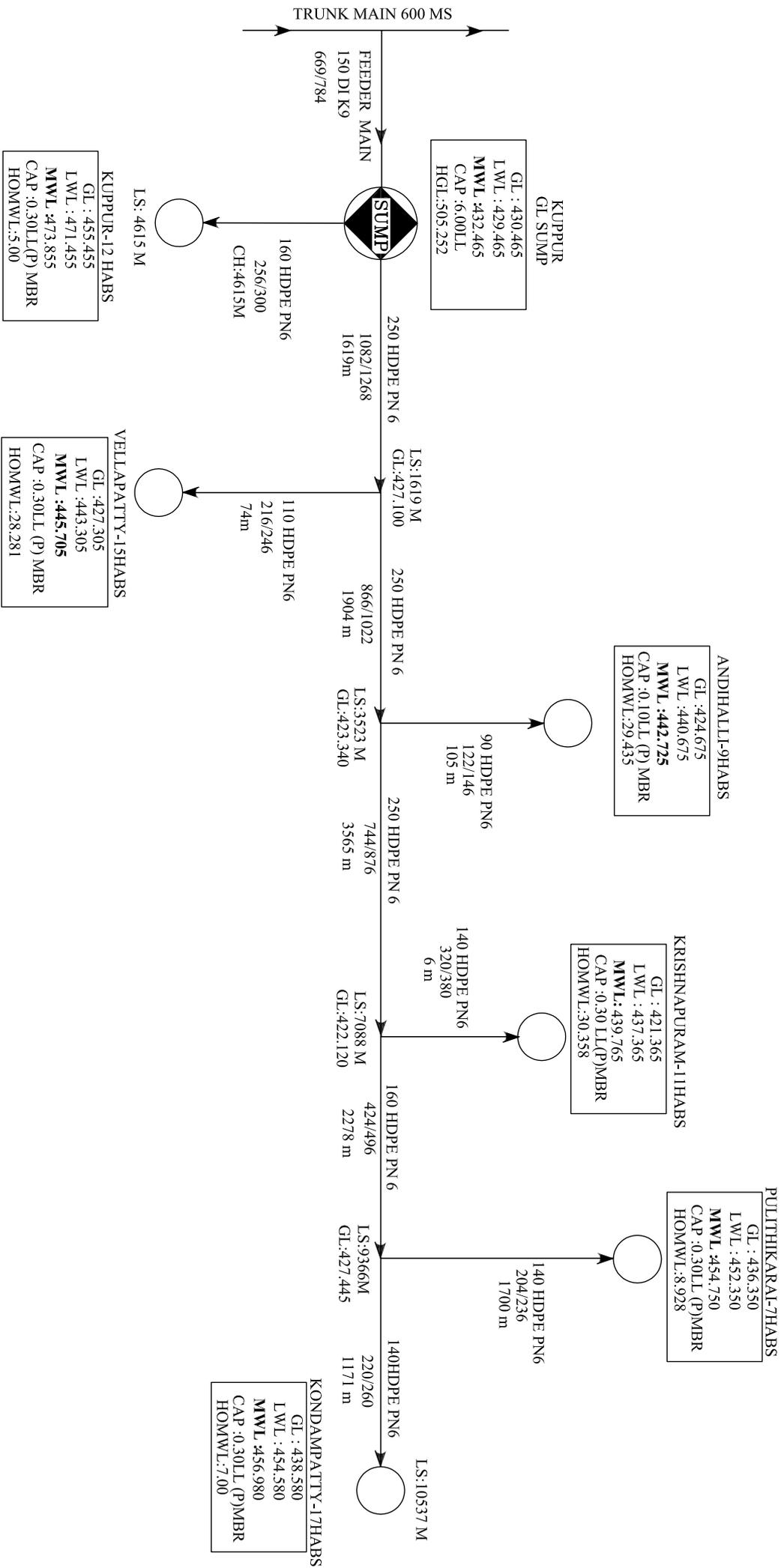
Dharmapuri - ATHAGAPADI - ITM FLOW DIAGRAM



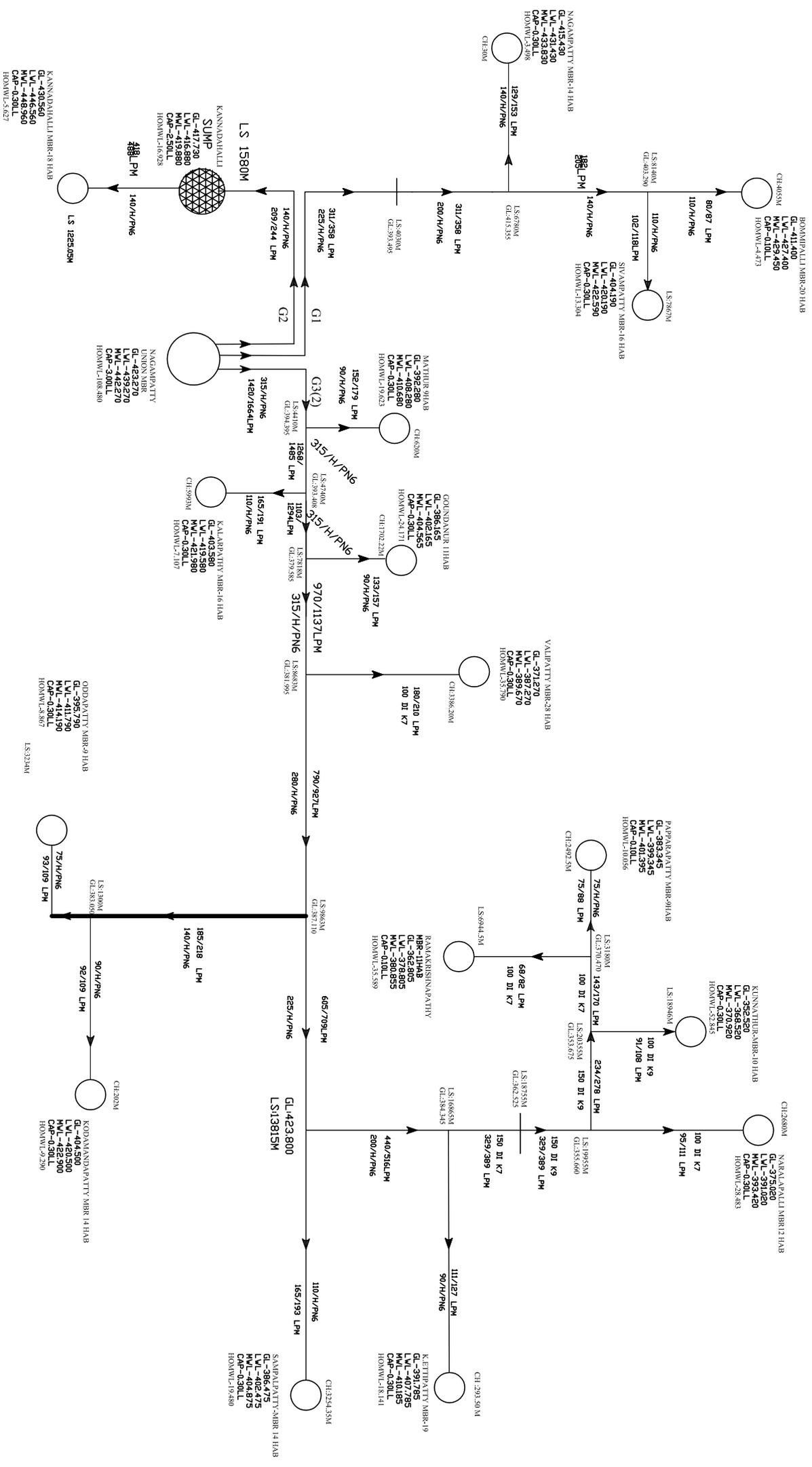
DHARMAPURI UNION - ITM



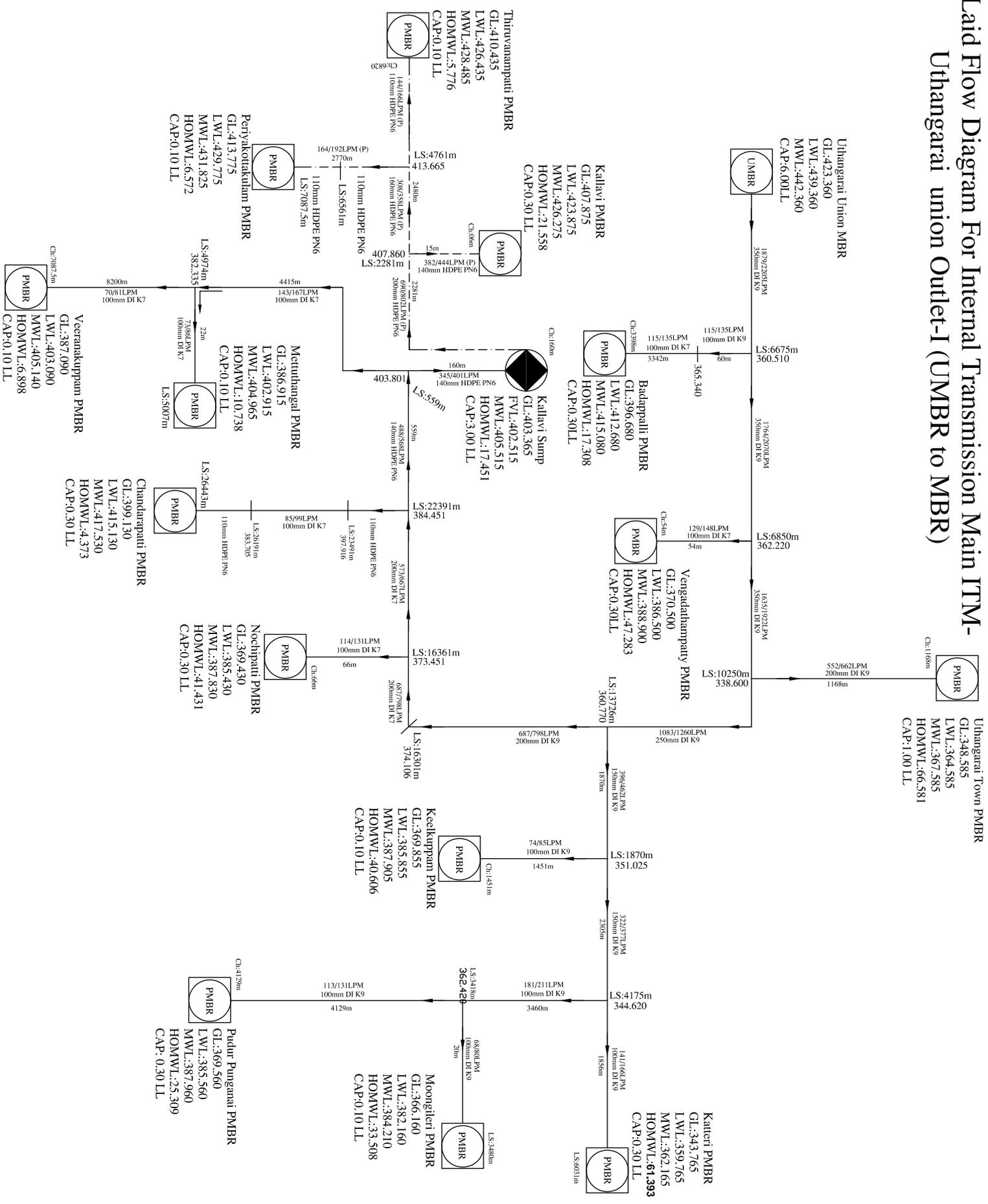
DHARMAPURI UNION - KUPPUR ITM



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



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



Uthangarai Town PMBR
 GL:348.585
 LWL:364.585
 MWL:367.585
 HOMWL:66.581
 CAP:1.00 LL

Uthangarai Union MBR
 GL:423.360
 LWL:439.360
 MWL:442.360
 CAP:6.00 LL

Kallavi PMBR
 GL:407.875
 LWL:423.875
 MWL:426.275
 HOMWL:21.558
 CAP:0.30 LL

Badappalli PMBR
 GL:396.680
 LWL:412.680
 MWL:415.080
 HOMWL:17.308
 CAP:0.30 LL

Kallavi Sump
 GL:403.365
 FVL:402.515
 MWL:405.515
 HOMWL:17.451
 CAP:3.00 LL

Vengadathampatty PMBR
 GL:370.500
 LWL:386.500
 MWL:388.900
 HOMWL:47.283
 CAP:0.30 LL

Keelkuppan PMBR
 GL:369.855
 LWL:385.855
 MWL:387.905
 HOMWL:40.606
 CAP:0.10 LL

Moongilteni PMBR
 GL:366.160
 LWL:382.160
 MWL:384.210
 HOMWL:33.508
 CAP:0.10 LL

Pudur Punganai PMBR
 GL:369.560
 LWL:385.560
 MWL:387.960
 HOMWL:25.309
 CAP:0.30 LL

Petyakottakulam PMBR
 GL:413.775
 LWL:429.775
 MWL:431.825
 HOMWL:6.572
 CAP:0.10 LL

Metuthangal PMBR
 GL:386.915
 LWL:402.915
 MWL:404.965
 HOMWL:10.738
 CAP:0.10 LL

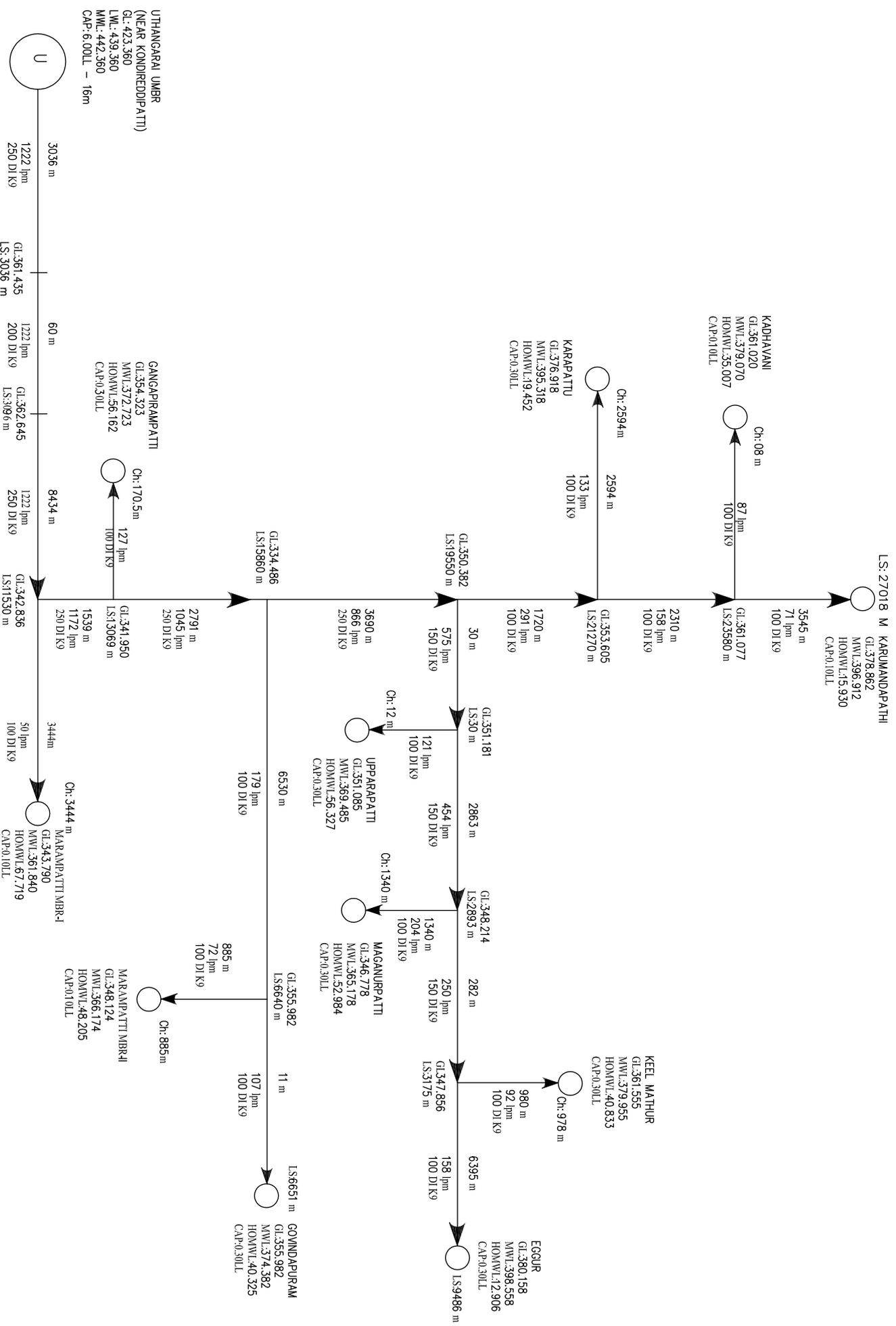
Veeranakuppan PMBR
 GL:387.090
 LWL:403.090
 MWL:405.140
 HOMWL:6.898
 CAP:0.10 LL

Chandarapatti PMBR
 GL:399.130
 LWL:415.130
 MWL:417.530
 HOMWL:4.373
 CAP:0.30 LL

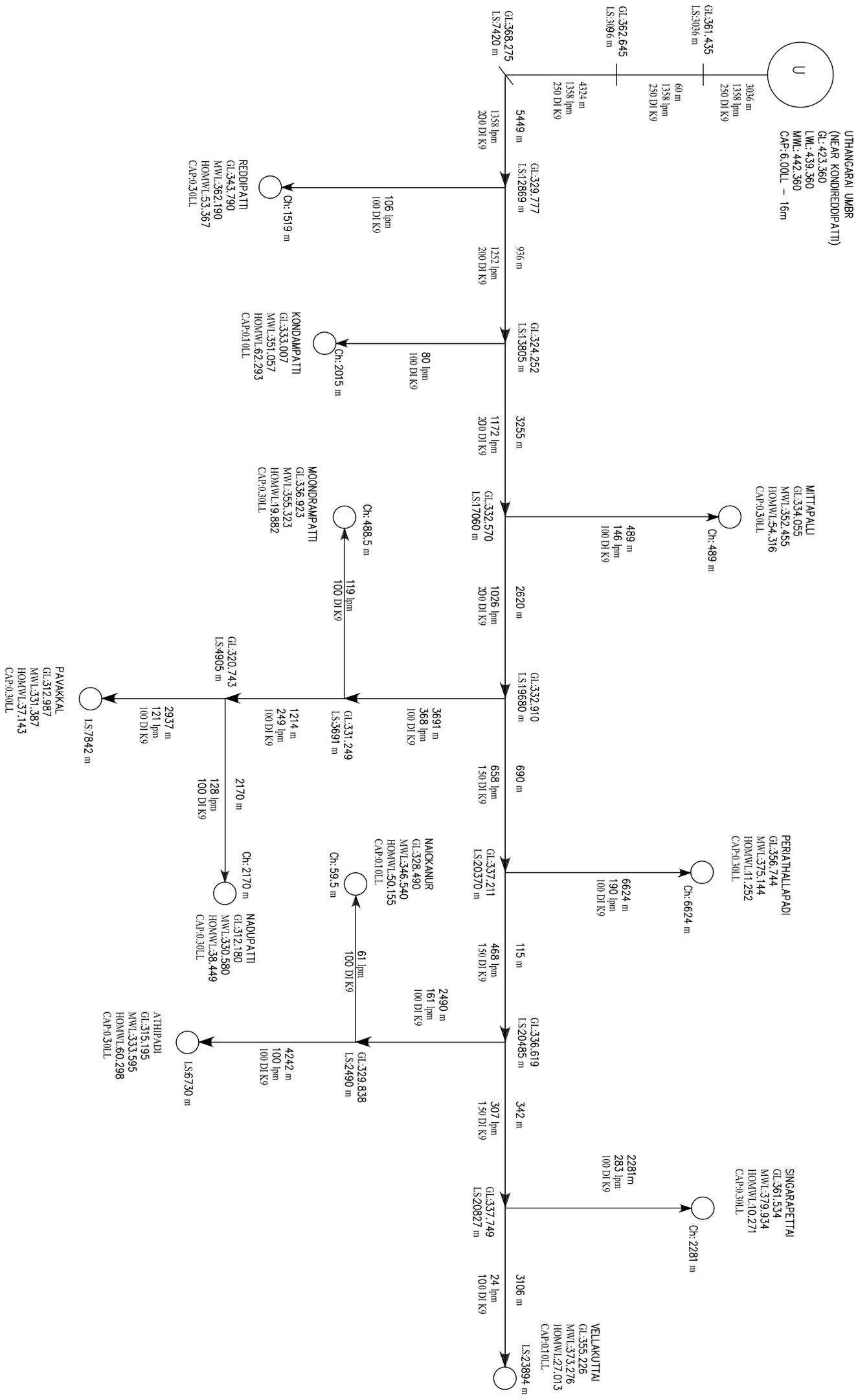
Nochpratti PMBR
 GL:369.430
 LWL:385.430
 MWL:387.830
 HOMWL:41.431
 CAP:0.30 LL

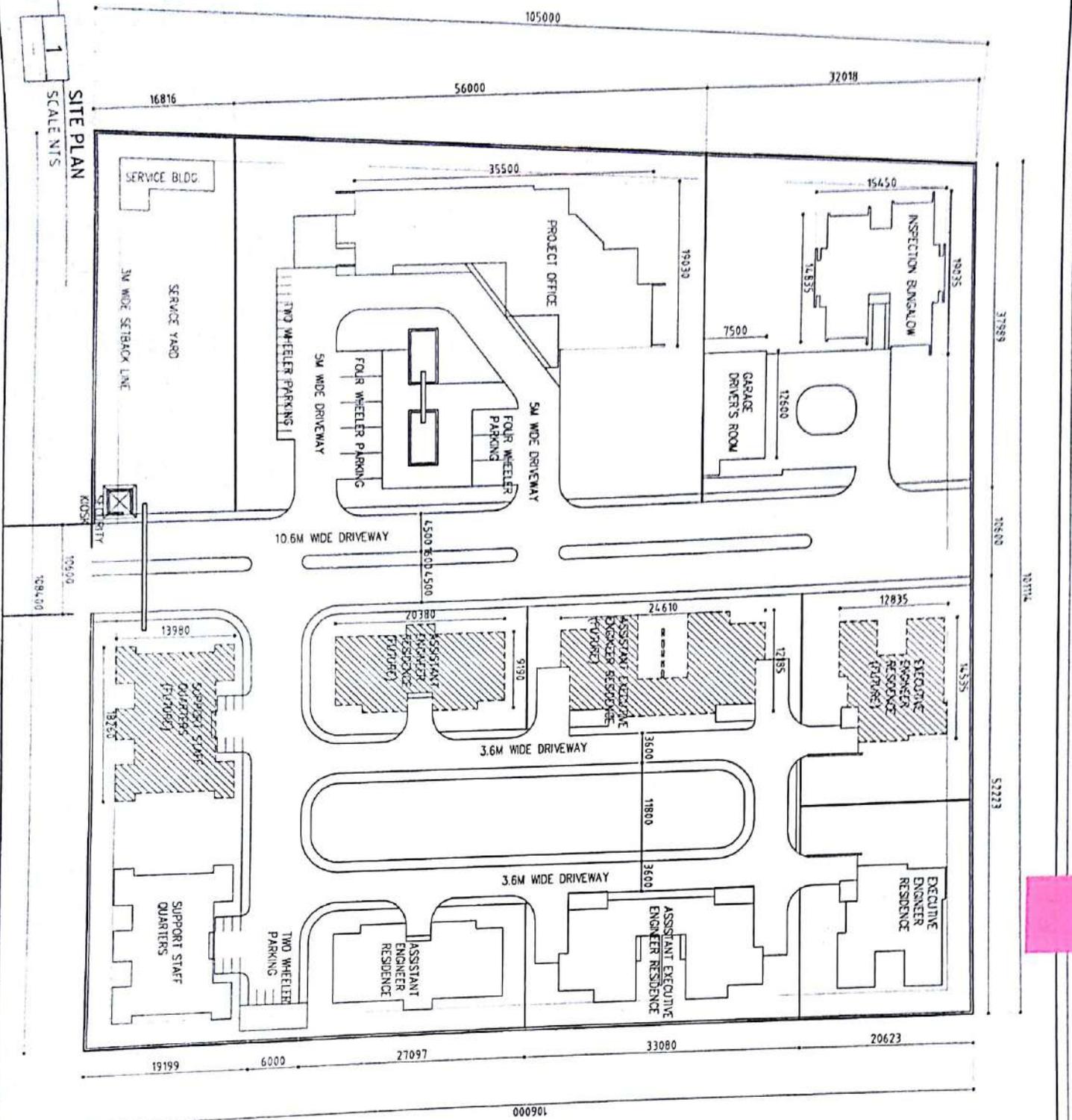
Thiruvannampatti PMBR
 GL:410.435
 LWL:426.435
 MWL:428.485
 HOMWL:5.776
 CAP:0.10 LL

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



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





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