

SHEET NO - 2

TITLE - EXISTING NETWORK PLAN FOR H.D.P.E. WATER PIPE LINE & STORM WATER LINE NETWORK

FOR DEVELOPMENT OF -
PROPOSED RESIDENTIAL LAYOUT PLAN ON KH. NO. - 88/2, P. H. NO. - 73,
MOUZA - DONGARGAON, TAL. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s. TIRUPATI DEVELOPERS
THROUGH PARTNERS
1) SHRI. PRASHANT MANOHARRAO BONGIRWAR
2) SHRI. RAHUL ARUNRAO UPGANLAWAR

REFERENCE :

H.D.P.E. WATER PIPE LINE

160 MM DIA HDPE WATER PIPE LINE

110 MM DIA HDPE WATER PIPE LINE

PROPOSED 150 MM DIA BORE WELL

160 MM DIA SLUICE VALVE

110 MM DIA SLUICE VALVE

NON-RETURN VALVE

STORM WATER LINE

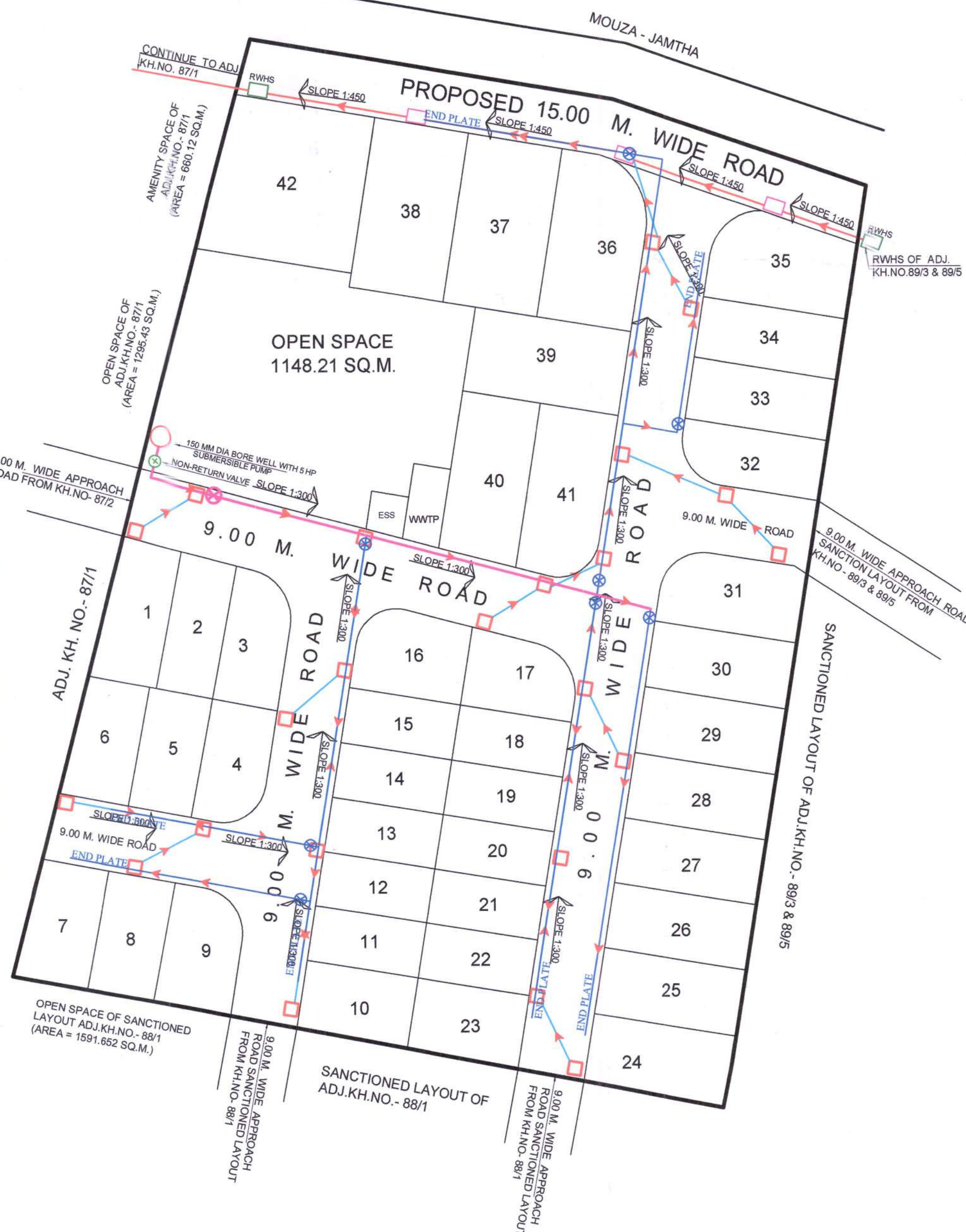
450MM DIA R.C.C. PIPE SHOWN THUS

300MM DIA R.C.C. PIPE SHOWN THUS

0.60 X 0.60M SIZE INTAKE SHOWN THUS (CH1)

0.75 X 0.90M SIZE INTAKE SHOWN THUS (CH2)

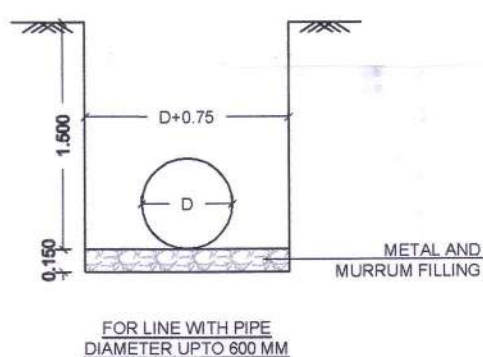
RAIN WATER HARVESTING INTAKE SHOWN THUS (RWHS)



LAYOUT PLAN
SCALE - 1:500

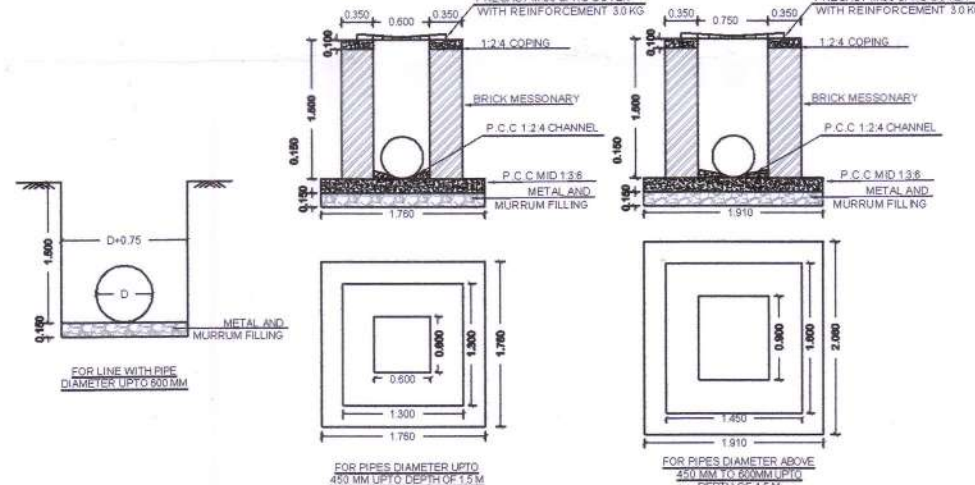


C/S DETAILS OF WELL/BORE WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



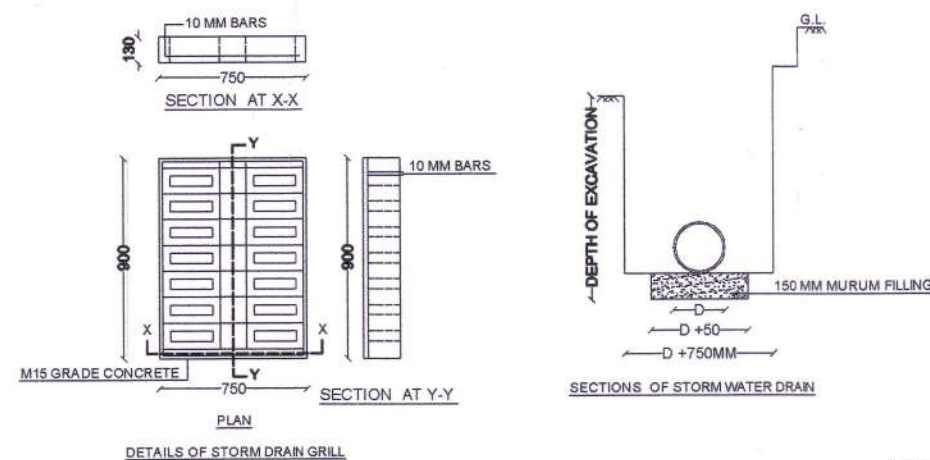
NOTE: 1) ALL DIMENSIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
3) IF HARD SOIL LIKE MOORUM IS AVAILABLE FOR LAYING THE PIPE THEN PROVIDING OF METAL & MOORUM FILLING TO BE AVOIDED

C/S DETAILS OF STORM WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



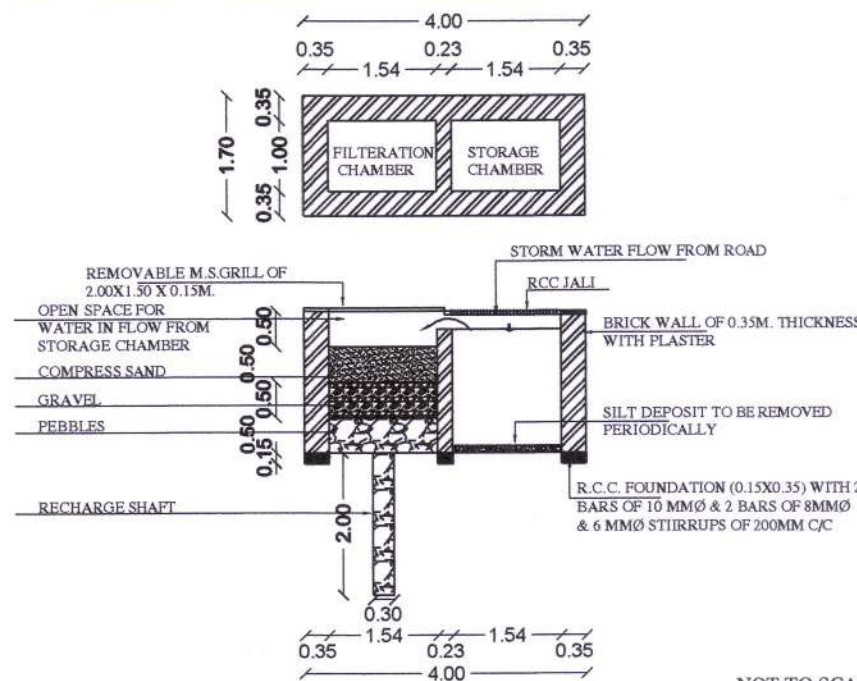
NOTE: 1) ALL DIMENSIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
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VARIOUS CROSS SECTION SHOWING DETAILS OF STORM DRAIN



NOT TO SCALE

SCHEMATIC DIAGRAM FOR DESIGN OF STORM WATER HARVESTING STRUCTURE



NOT TO SCALE

OWNER'S SIGN :

M/s. TIRUPATI DEVELOPERS
THROUGH PARTNERS

1) SHRI. PRASHANT MANOHARRAO BONGIRWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECT & INTERIOR DESIGNERS
Reg.No. C/998/18907
NMC Lic No.: R-90
NIT Lic No.: 865

UMESH M. LAMGE
B. ARCH.
ARCHITECT & INTERIOR DESIGNER
FIFTH FLOOR, DAYA CHAMBERS,
AJNI SQ., WARDHA ROAD, NAGPUR

Superintending Engineer
Nagpur Metropolitan Region
Development Authority, Nagpur

Superintending Engineer
N.M.R.D.A

Executive Engineer-II
Nagpur Metropolitan Region
Development Authority, Nagpur

Executive Engineer(development work)
N.M.R.D.A

Assistant Engineer (West)
Nagpur Metropolitan Region
Development Authority, Nagpur

Assistant Engineer(W)
N.M.R.D.A

2) SHRI. RAHUL ARUNRAO UPGANLAWAR

SHEET NO - 1

TITLE - EXISTING C.C. ROAD WITH PAVER BLOCKS,
SEWER LINE NETWORK & COMPOUND WALL TO
OPEN SPACE

FOR DEVELOPMENT OF -
PROPOSED RESIDENTIAL LAYOUT PLAN ON KH. NO. - 88/2, P. H. NO. - 73,
MOUZA - DONGARGAON, TAL. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s. TIRUPATI DEVELOPERS
THROUGH PARTNERS
1) SHRI. PRASHANT MANOHARRAO BONGIRWAR
2) SHRI. RAHUL ARUNRAO UPGANLAWAR

REFERENCE :

C.C. ROAD

15.00M WIDE ASPHALTED (BM+SDBC) ROAD

9.00M WIDE CEMENT CONCRETE ROAD

CC PAVER BLOCKS (INCLUDING FOOTPATH)

SEWER LINE

N.P.2 CLASS SPIGOT AND SOCKET JOINT PIPE WITH I.S.I. MARK
300 MM DIA R.C.C. SEWER LINE

N.P.2 CLASS SPIGOT AND SOCKET JOINT PIPE WITH I.S.I. MARK
250 MM DIA R.C.C. SEWER LINE

MANHOLE SIZE 0.75 x 1.20 MT.

INTERCEPTOR SIZE 0.60 x 0.90 MT.

50 MM DIA. H.D.P.E. PIPE LINE FOR REUSE OF GREY WATER

TREE PLANTATION

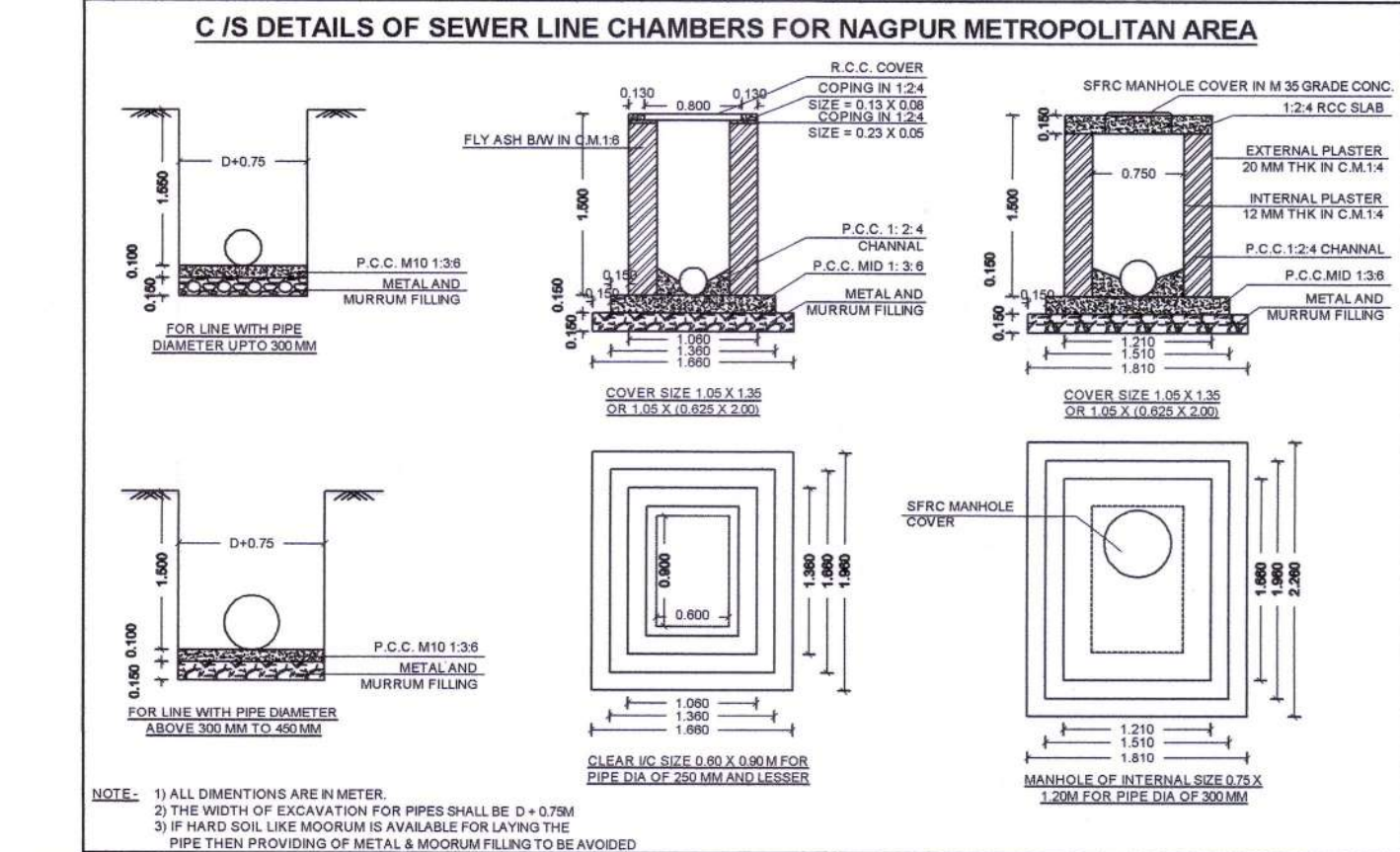
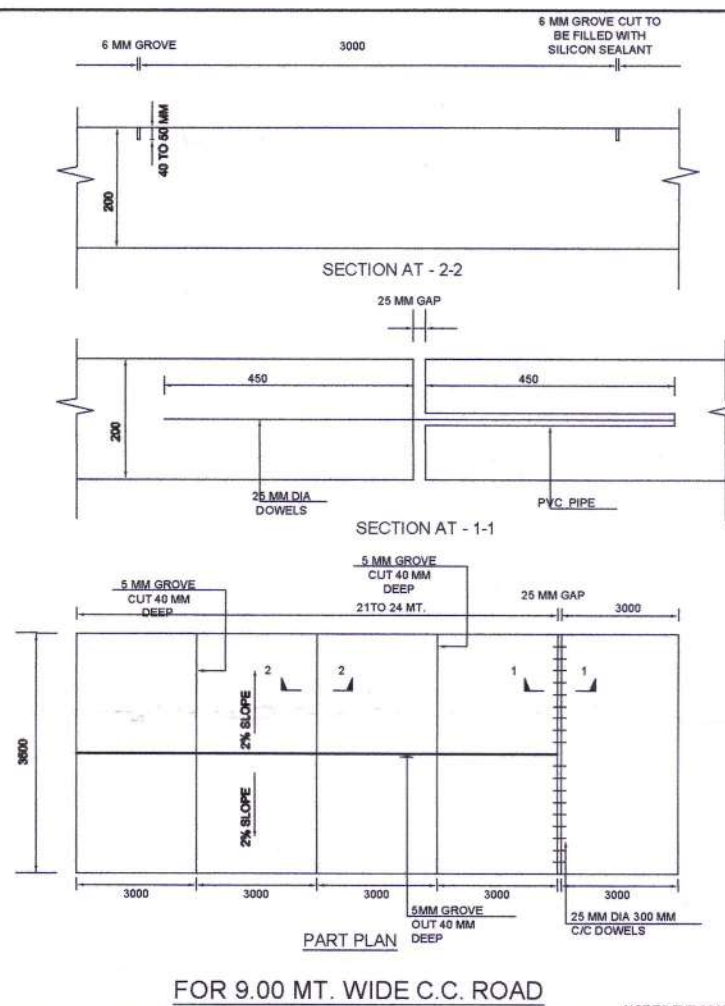
COMPOUND WALL

1. M.S.MAIN GATE (4.50Mx1.85M)

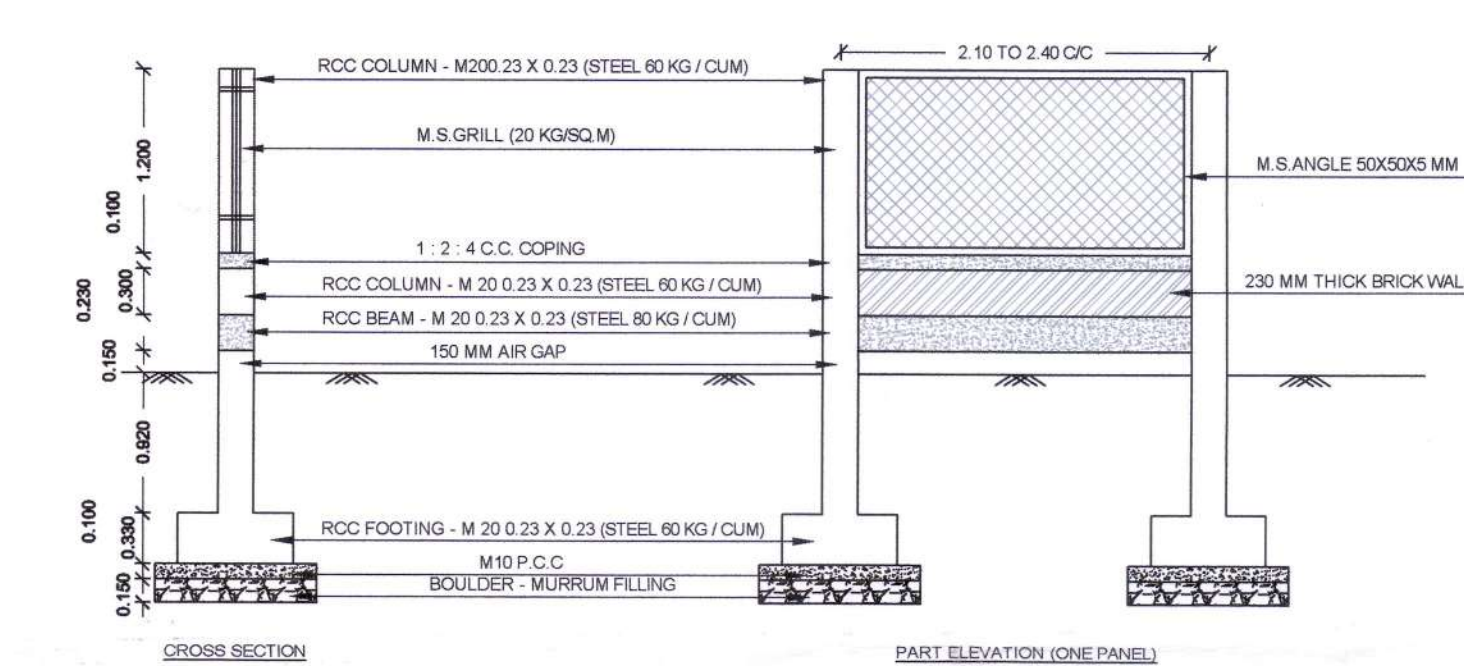
2. C1 (R.C.C.COLUMN)

3. C2 (R.C.C.COLUMN)

4. M.S.MAIN GATE (1.15 Mx1.85M)



CROSS SECTIONAL DETAILS OF COMPOUND WALL TO OPEN
SPACE / P.U. PLOTS IN NAGPUR METROPOLITAN AREA



OWNER'S SIGN :

M/s. TIRUPATI DEVELOPERS
THROUGH PARTNERS

1) SHRI. PRASHANT MANOHARRAO BONGIRWAR

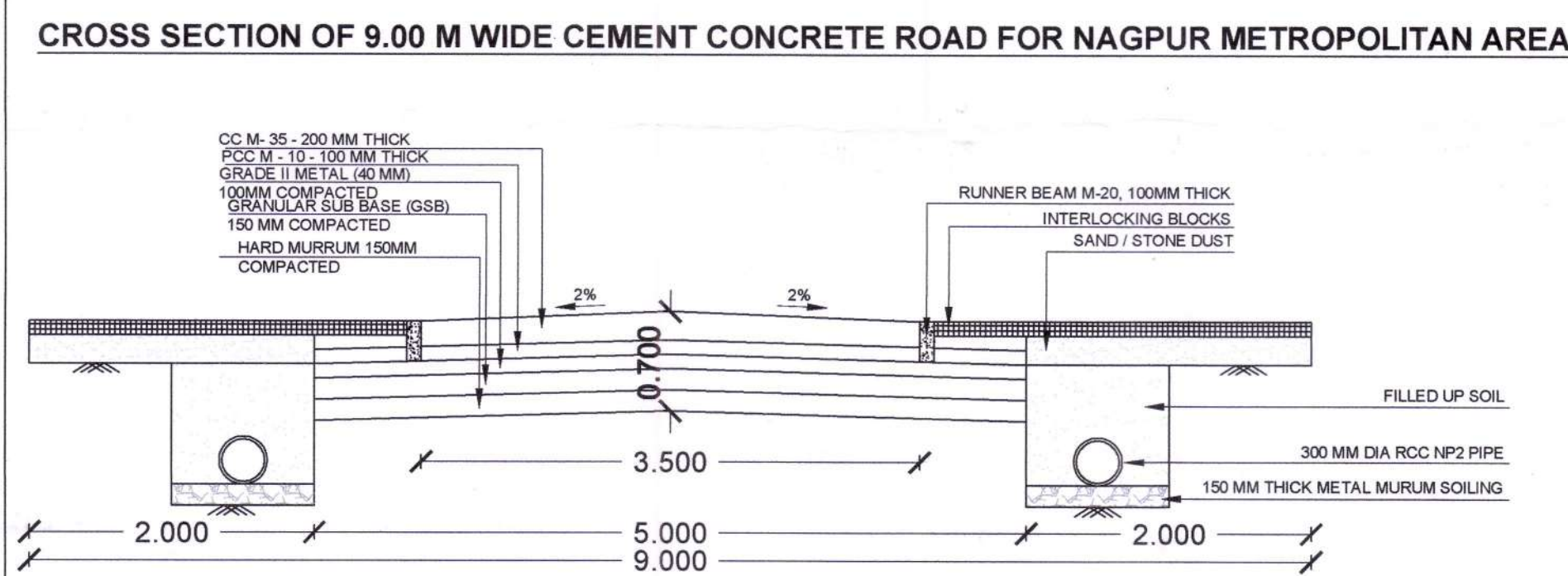
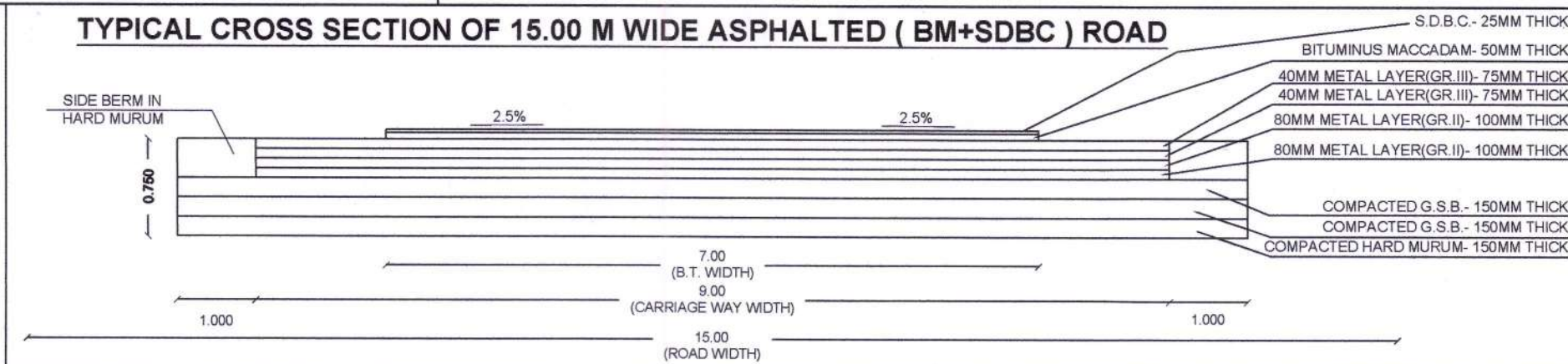
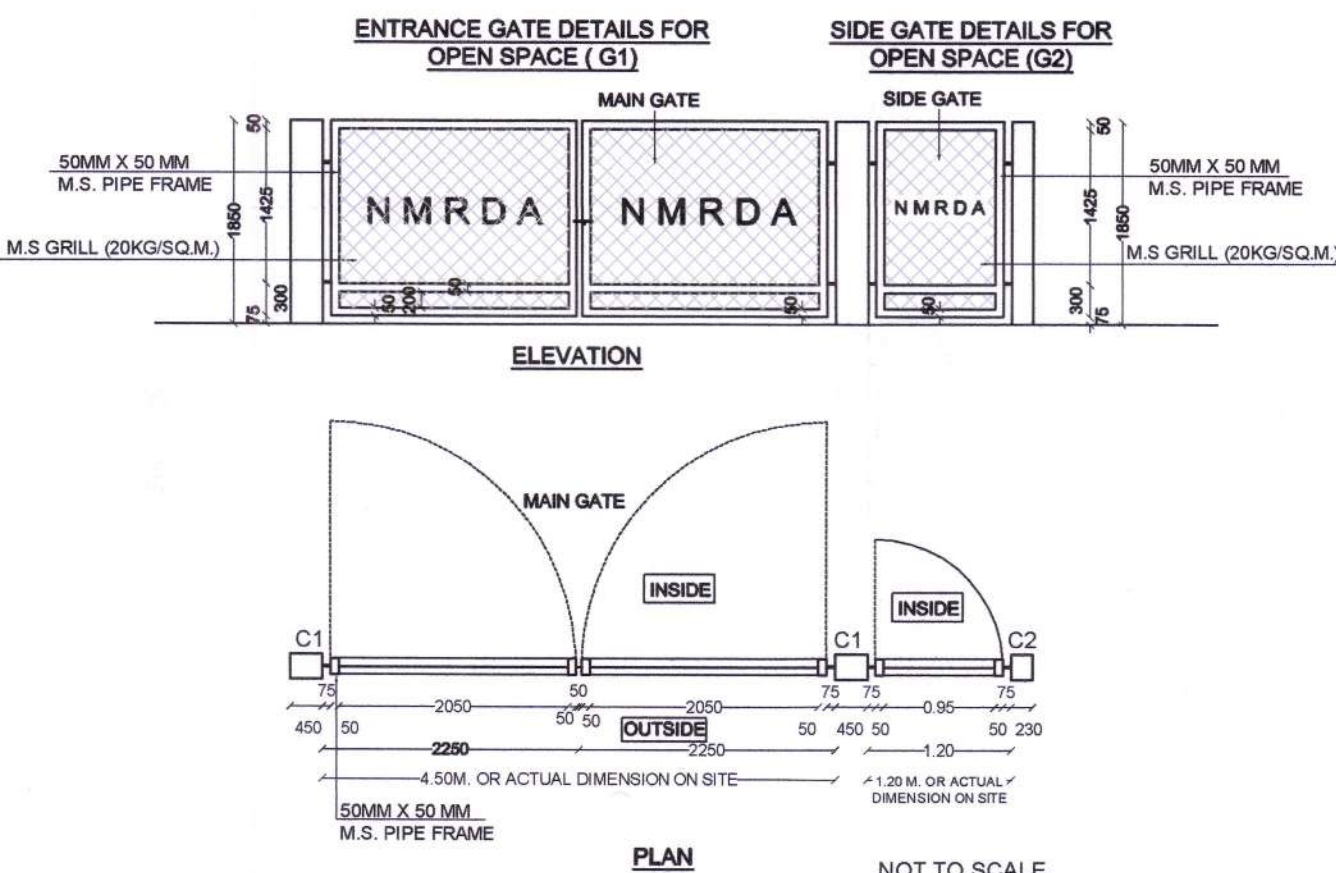
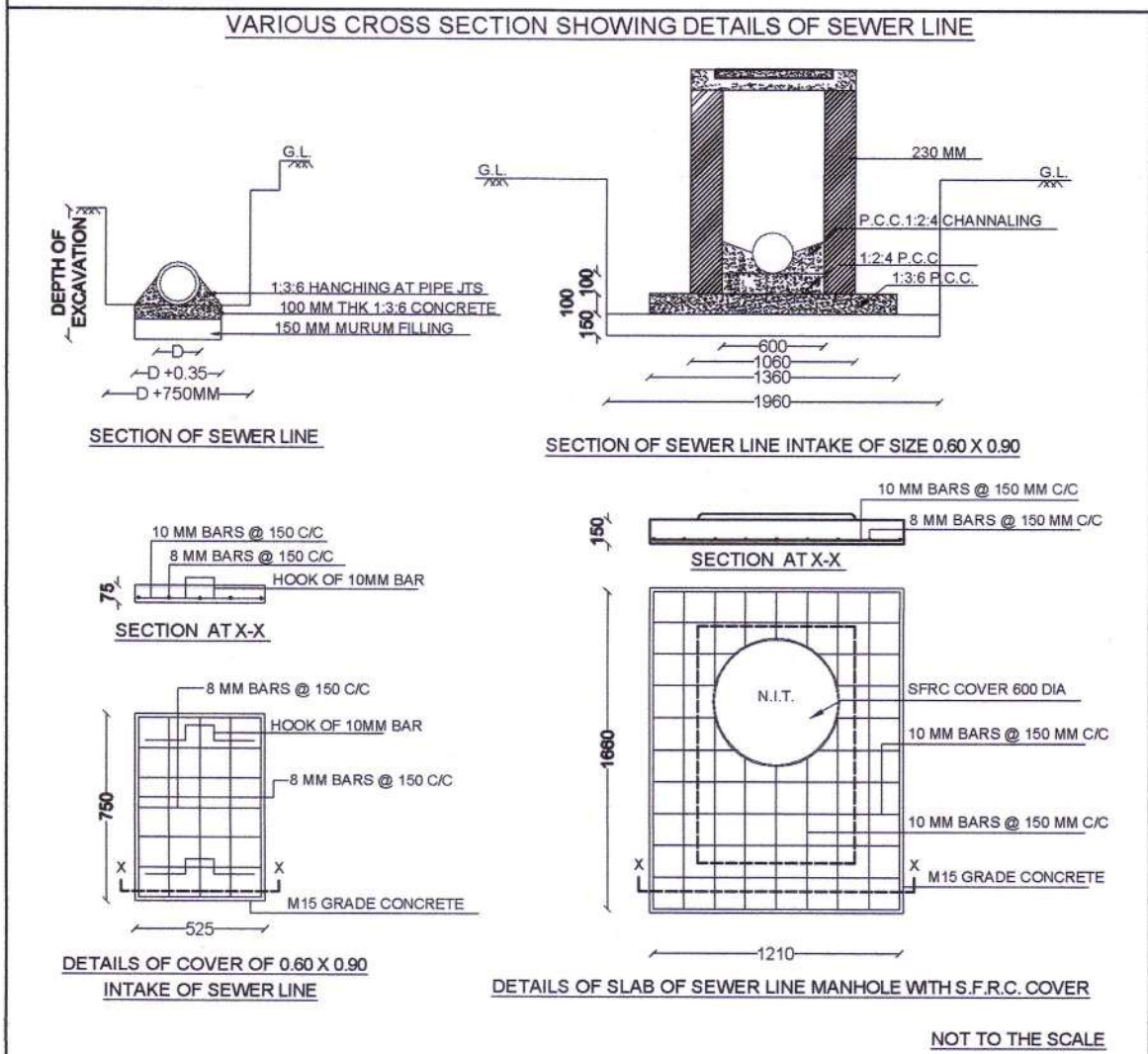
2) SHRI. RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B. ARCH.
ARCHITECT & INTERIOR DESIGNER
FIFTH FLOOR, DAYA CHAMBERS,
AJNI SQ., WARDHA ROAD, NAGPUR



LAYOUT PLAN
SCALE - 1:500



Superintending Engineer
N.M.R.D.A.

Executive Engineer-II
Nagpur Metropolitan Region
Development Authority, Nagpur

Assistant Engineer (W)
Nagpur Metropolitan Region
Development Authority, Nagpur

Superintending Engineer
N.M.R.D.A.

Executive Engineer(development work)
N.M.R.D.A.

Assistant Engineer(W)
N.M.R.D.A.