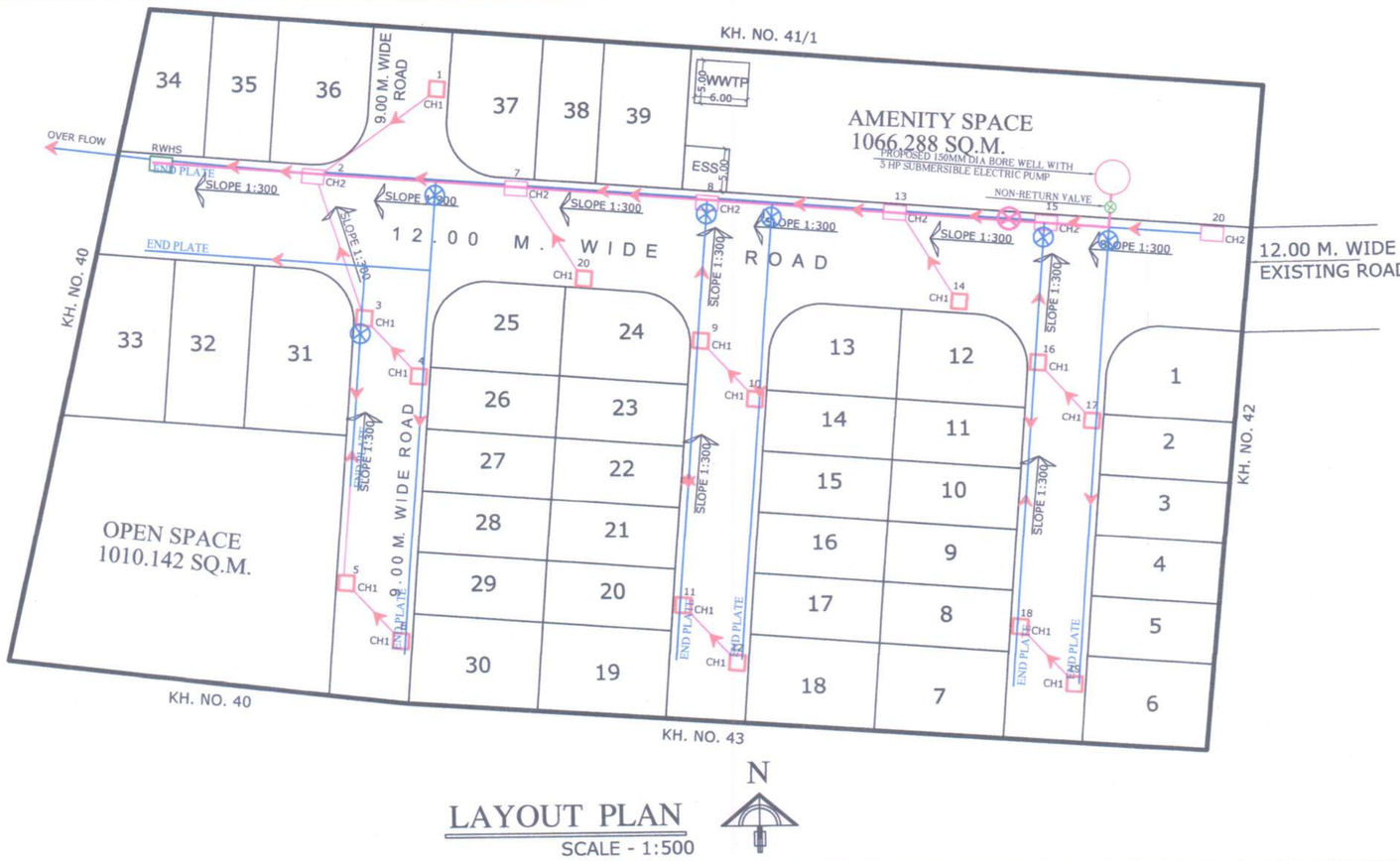


N

LAYOUT PLAN

SCALE - 1:500

SHEET NO - 2

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

FOR DEVELOPMENT OF -
FINAL DEMARCATED RESIDENTIAL LAYOUT PLAN ON KH.NO. - 41/2, P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- JAI AMARLAL GRUHA NIRMAN SAH.SANSTHA LTD. NAGPUR.
THROUGH PRESIDENT
SHRI. MOHAN DAYARAM CHOITHANI.
THROUGH P.O.A. HOLDER
M/s. TIRUPATI DEVELOPER'S
1) SHRI. PRASHANT MANOHARAO BONGIRWAR
2) SHRI. RAHUL ARUNRAO UPGANLAWAR

REFERENCE :

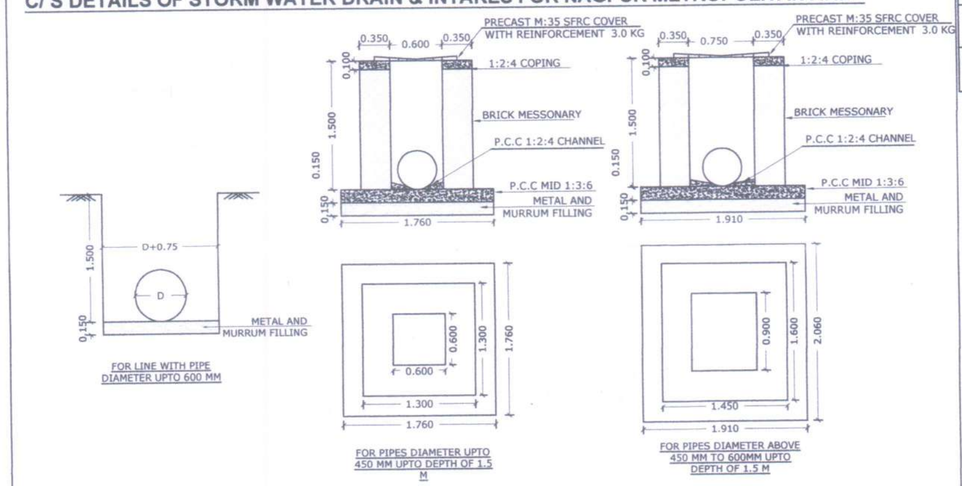
H.D.P.E. LINE

160 MM DIA HDPE WATER PIPE LINE	
110 MM DIA HDPE WATER PIPE LINE	
PROPOSED 150 MM DIA BORE WELL	
160 MM SLUICE VALVE	
110 DIA SLUICE VALVE	
NON-RETURN VALVE	

STORM WATER LINE

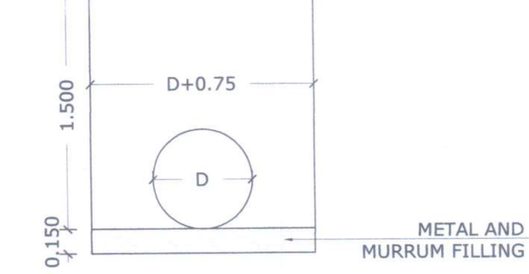
450 MM DIA R.C.C. PIPE SHOWN THUS	
300 MM DIA R.C.C. PIPE SHOWN THUS	
0.60 X 0.60 M SIZE INTAKE SHOWN THUS (CH1)	
0.75 X 00.90 M SIZE INTAKE SHOWN THUS (CH2)	
RAIN WATER HARVESTING INTAKE SHOWN THUS (RWHS)	

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



NOTE - 1) ALL DIMENTIONS 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

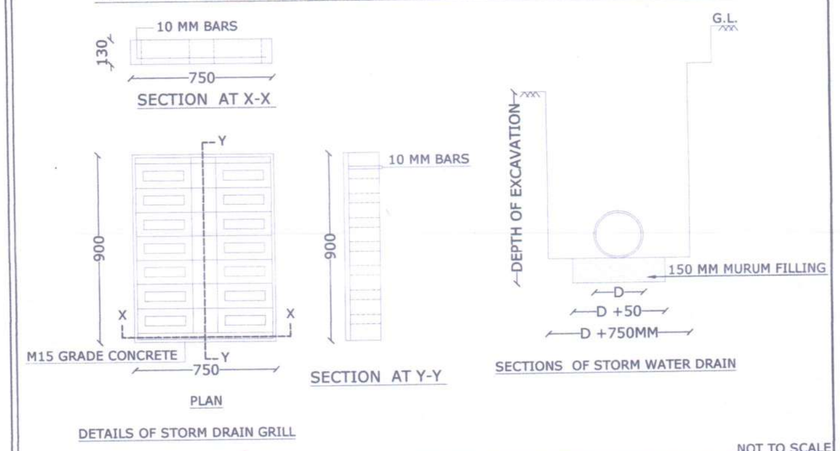
C/ S DETAILS OF WELL/BORE WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



FOR LINE WITH PIPE DIAMETER UPTO 600 MM

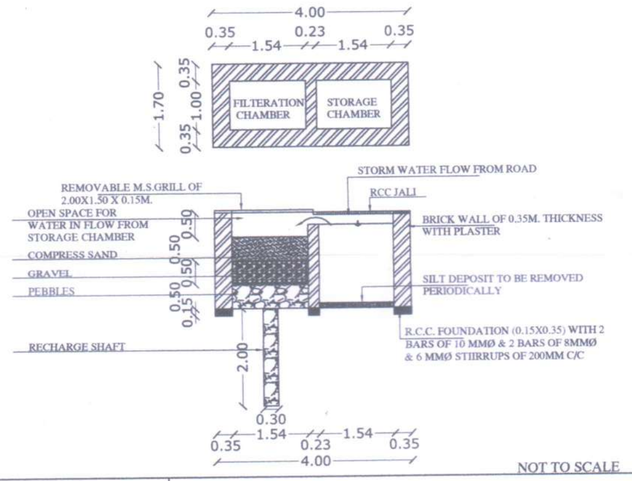
NOTE - 1) ALL DIMENTIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
3) IF HARD SOIL LIKE MOORUM IS AVAILABLE FOR LAYING THE PIPE THEN PROVIDING OF METAL & MOORUM FILLING TO BE AVOIDED

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 :

JAI AMARLAL GRUHA NIRMAN SAH.SANSTHA LTD. NAGPUR.
THROUGH PRESIDENT
SHRI. MOHAN DAYARAM CHOITHANI.
THROUGH P.O.A. HOLDER
M/s. TIRUPATI DEVELOPER'S

1) SHRI. PRASHANT MANOHARAO BONGIRWAR

2) SHRI. RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Regn No. CA/95/18977
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.

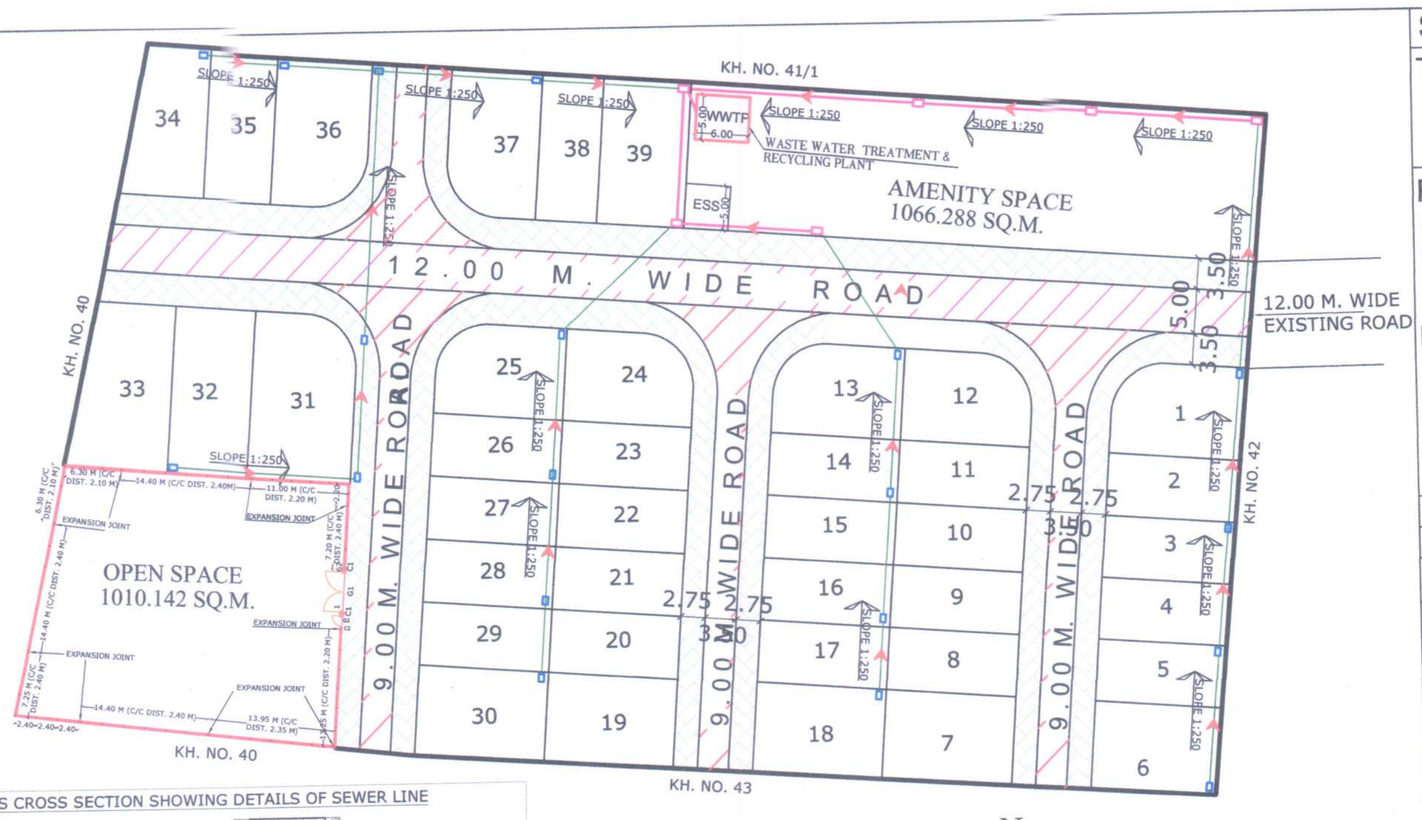
Superintending Engineer N.M.R.D.A	Executive Engineer(development work) N.M.R.D.A	Assistant Engineer(W) N.M.R.D.A

SHEET NO - 1

TITLE - EXISTING CEMENT CONCRETE ROAD, SEWER LINE NETWORK PLAN & COMPOUND WALL TO OPEN SPACE

FOR DEVELOPMENT OF -
FINAL DEMARCATED RESIDENTIAL LAYOUT PLAN ON KH.NO. - 41/2, P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- JAI AMARLAL GRUHA NIRMAN SAH.SANSTHA LTD. NAGPUR.
THROUGH PRESIDENT
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M/s. TIRUPATI DEVELOPER'S
1) SHRI. PRASHANT MANOHARAO BONGIRWAR
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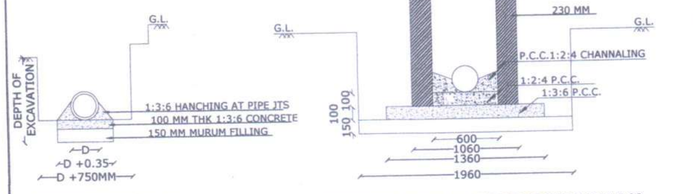
REFERENCE :

C.C. ROAD	
12.00 M WIDE CEMENT CONCRETE ROAD	
9.00 M WIDE CEMENT CONCRETE ROAD	
C.C PAVER BLOCKS (INCLUDING FOOT-PATH)	
R.C.C. SEWER LINE :	
250MM DIA SPIGOT & SOCKET JOINT R.C.C. PIPES FOR SEWER PIPE LINE SHOWN THUS	
300MM DIA SPIGOT & SOCKET JOINT R.C.C PIPES FOR SEWER PIPE LINE SHOWN THUS	
SEWER LINE MANHOLE 0.75M X1.20M	
SEWER LINE INTERCEPTING CHAMBER 0.60M X 0.90 M	
SEWAGE TREATMENT PLANT (STP)	STP

COMPOUND WALL TO OPEN SPACE :

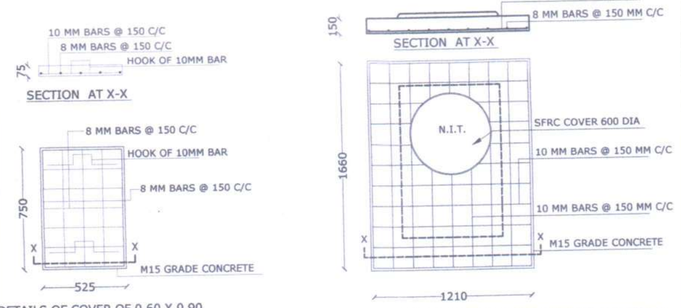
1. M.S MAIN GATE (4.50 M X 1.85M) - (G1)	
2. M.S SIDE GATE (1.20 M X 1.85M) - (G2)	
3. C1 (R.C.C COLUMN) - (230 mm X 450 mm) - (No. 2)	
4. C2 (R.C.C. COLUMN)-(230 mm X 230 MM) - (No. 60)	

VARIOUS CROSS SECTION SHOWING DETAILS OF SEWER LINE



SECTION OF SEWER LINE

SECTION OF SEWER LINE INTAKE OF SIZE 0.60 X 0.90



DETAILS OF COVER OF 0.60 X 0.90 INTAKE OF SEWER LINE

DETAILS OF SLAB OF SEWER LINE MANHOLE WITH S.F.R.C. COVER

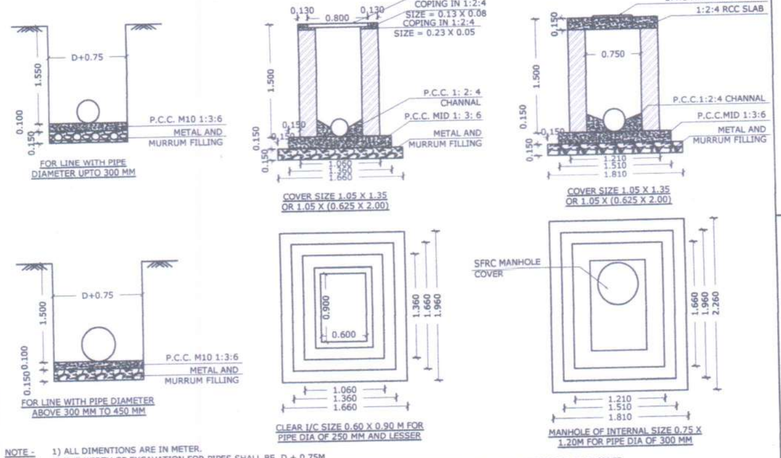
NOT TO THE SCALE

LAYOUT PLAN

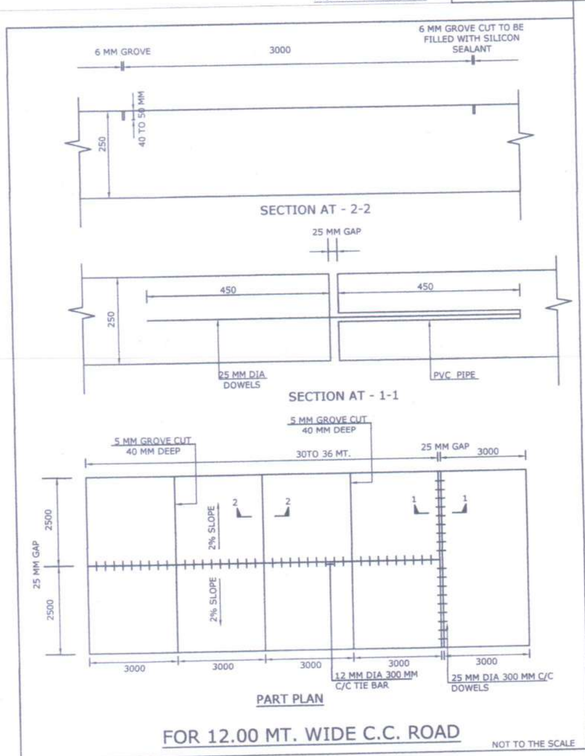
SCALE - 1:500

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C /S DETAILS OF SEWER LINE CHAMBERS FOR NAGPUR METROPOLITAN AREA

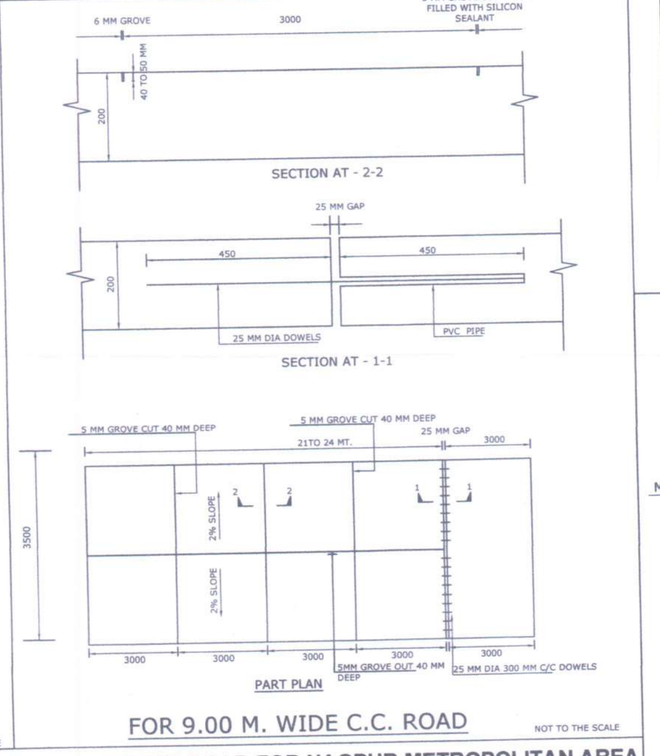


NOTE -
1) ALL DIMENTIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
3) IF HARD SOIL LIKE MOORUM IS AVAILABLE FOR LAYING THE PIPE THEN PROVIDING OF METAL & MOORUM FILLING TO BE AVOIDED



FOR 12.00 MT. WIDE C.C. ROAD

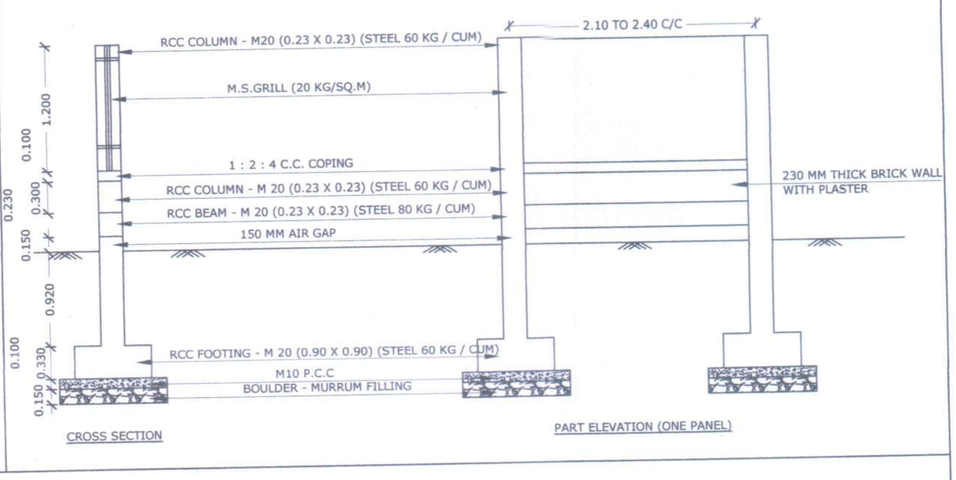
NOT TO THE SCALE



FOR 9.00 M. WIDE C.C. ROAD

NOT TO THE SCALE

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

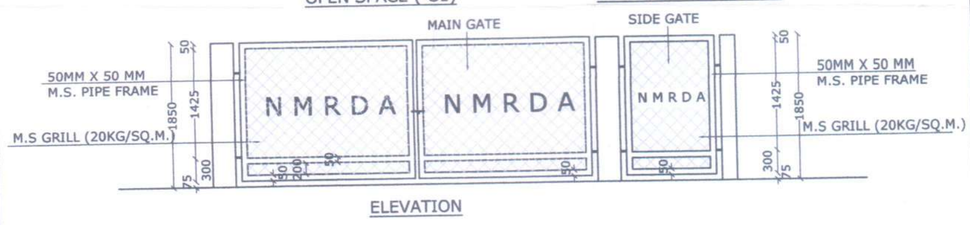


CROSS SECTION

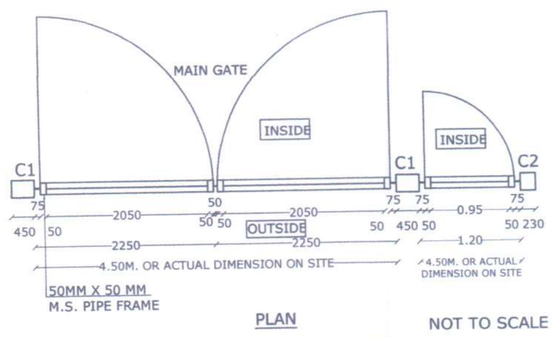
PART ELEVATION (ONE PANEL)

ENTRANCE GATE DETAILS FOR OPEN SPACE (G1)

SIDE GATE DETAILS FOR OPEN SPACE (G2)



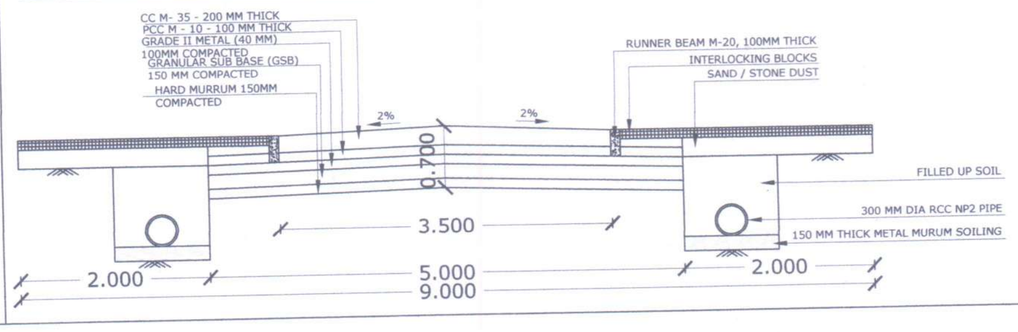
ELEVATION



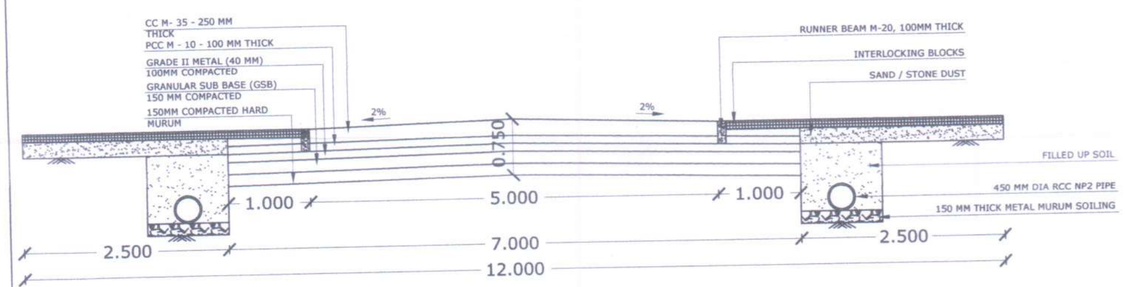
PLAN

NOT TO SCALE

CROSS SECTION OF 9.00 M WIDE CEMENT CONCRETE ROAD FOR NAGPUR METROPOLITAN AREA



CROSS SECTION OF 12.00 M WIDE CEMENT CONCRETE ROAD FOR NAGPUR METROPOLITAN AREA



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

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2) SHRI. RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

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NIT Lic No.: 865

UMESH M. LAMGE
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