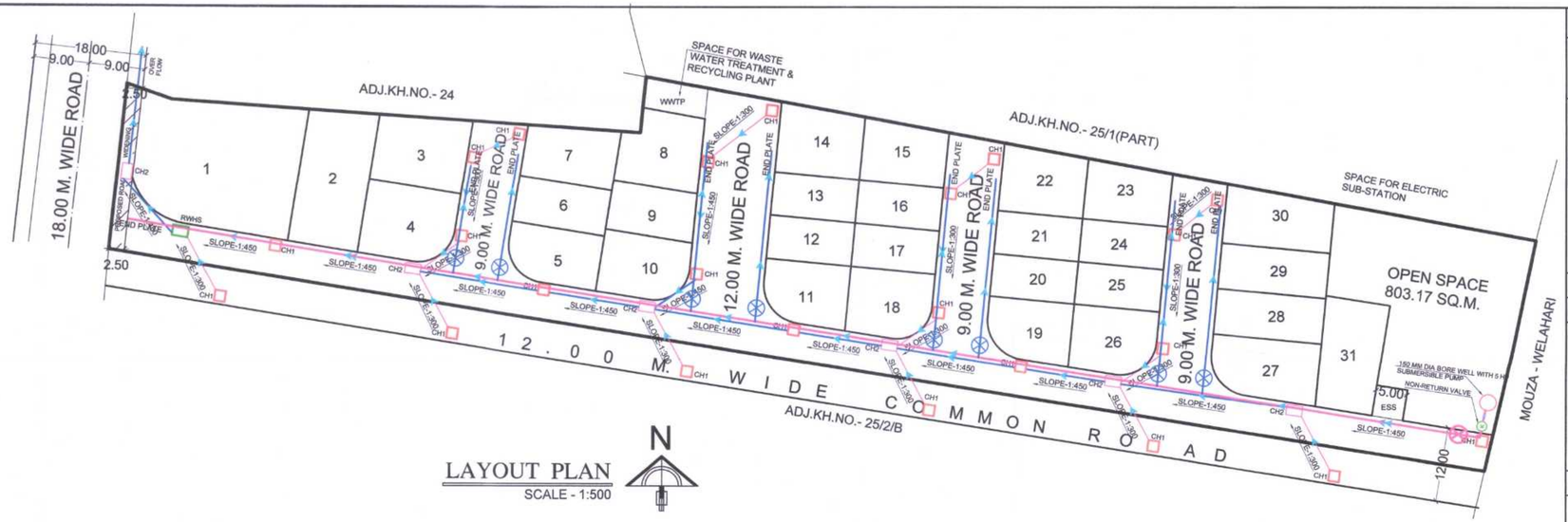


LAYOUT PLAN
SCALE - 1:500

N

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. - 25/2/A , P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S
1. SHRI. PRASHANT M. BONGIRWAR
2) RAHUL A. UPGANALAWAR

REFERENCE :

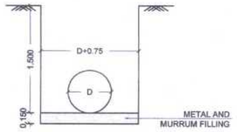
H.D.P.E PIPE LINE

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 PIPE 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)

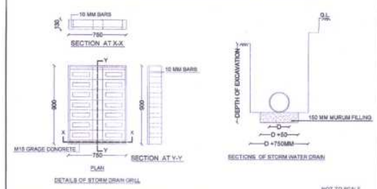
C/ S DETAILS OF WELL/BORE WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



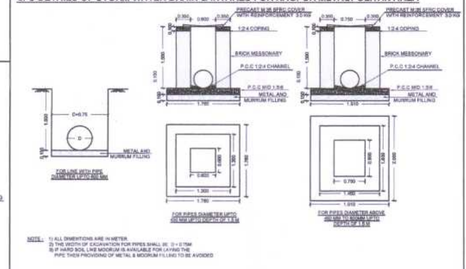
FOR LINE WITH PIPE DIAMETER UPTO 600 MM

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

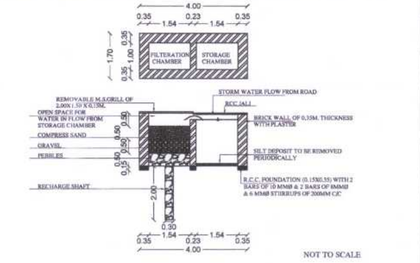
VARIOUS CROSS SECTION SHOWING DETAILS OF STORM DRAIN



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



SCHEMATIC DIAGRAM FOR DESIGN OF STORM WATER HARVESTING STRUCTURE



OWNER'S SIGN :

M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

1. SHRI. PRASHANT M. BONGIRWAR

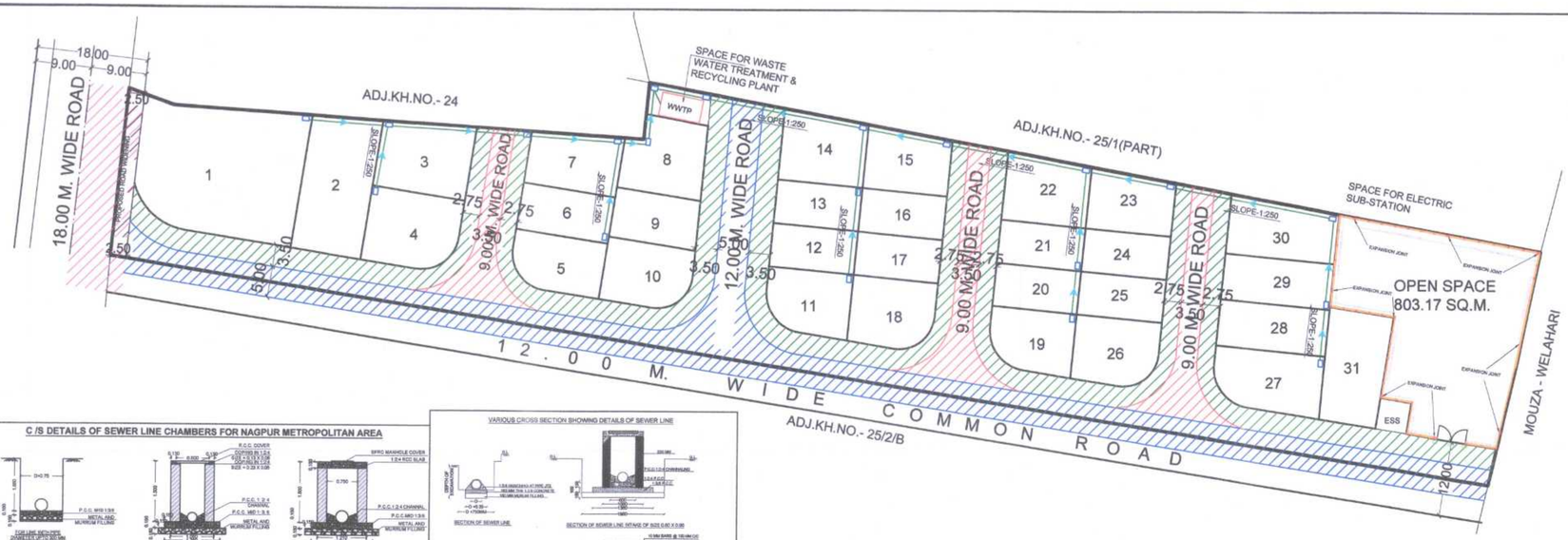
2) RAHUL A. UPGANALAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
(Arch. Mang)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/05/19007
NSIC 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

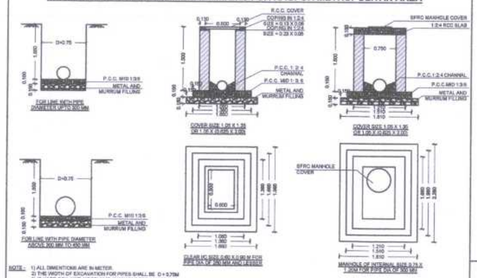
Superintending Engineer N.M.R.D.A	Executive Engineer(development work) N.M.R.D.A	Assistant Engineer(W) N.M.R.D.A



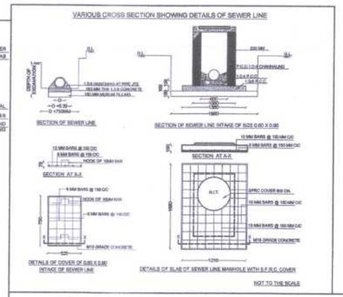
LAYOUT PLAN
SCALE - 1:500

N

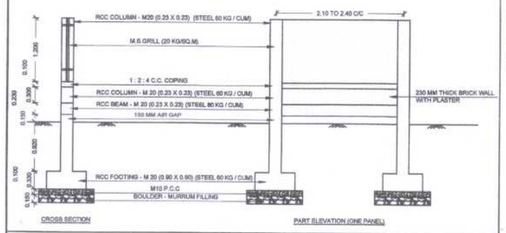
C /S DETAILS OF SEWER LINE CHAMBERS FOR NAGPUR METROPOLITAN AREA



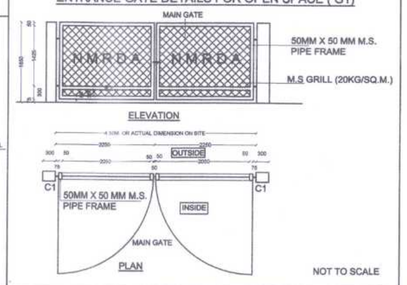
VARIOUS CROSS SECTION SHOWING DETAILS OF SEWER LINE



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

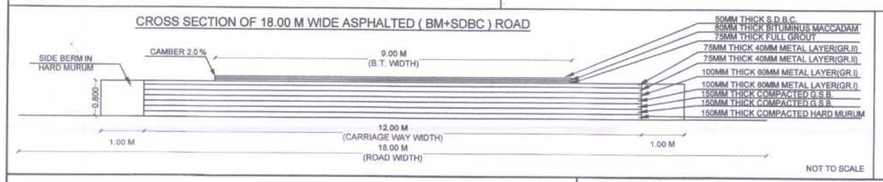


ENTRANCE GATE DETAILS FOR OPEN SPACE (G1)



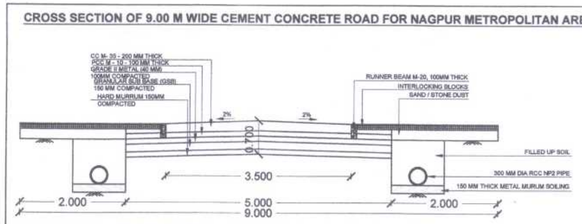
NOT TO SCALE

CROSS SECTION OF 18.00 M WIDE ASPHALTED (BM+SDBC) ROAD

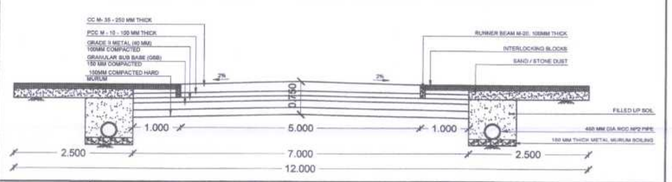


NOT TO SCALE

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



SHEET NO - 1

TITLE - EXISTING CEMENT CONCRETE ROAD WITH PAVER BLOCKS, SEWER LINE NETWORK & PROPOSED COMPOUND WALL TO OPEN SPACE

FOR DEVELOPMENT OF -
PROPOSED RESIDENTIAL LAYOUT PLAN ON KH.NO. - 25/2/A , P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S
1. SHRI. PRASHANT M. BONGIRWAR
2) RAHUL A. UPGANALAWAR

REFERENCE :

C.C. ROAD

- 12.00M WIDE CEMENT CONCRETE ROAD
- 9.00M WIDE CEMENT CONCRETE ROAD
- CC PAVER BLOCKS (INCLUDING FOOTPATH)
- 18.00 M WIDE ASPHALTED (BM + SDBC) ROAD with ROAD WIDENING

SEWER LINE NETWORK

- 250 MM DIA R.C.C. SEWER LINE
- INTERCEPTOR SIZE 0.60 x 0.90 MT.

COMPOUND WALL

1. M.S.MAIN GATE (4.50 M X 1.85 M) - G1
2. C1 (R.C.C. COLUMN) - 230mm X 450mm
3. C2 (R.C.C. COLUMN) - 230mm X 230mm
4. M.S.MAIN GATE (1.20 M X 1.85 M) - G2

OWNER'S SIGN :

M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

1. SHRI. PRASHANT M. BONGIRWAR

2) RAHUL A. UPGANALAWAR

ARCHITECT'S SIGN :

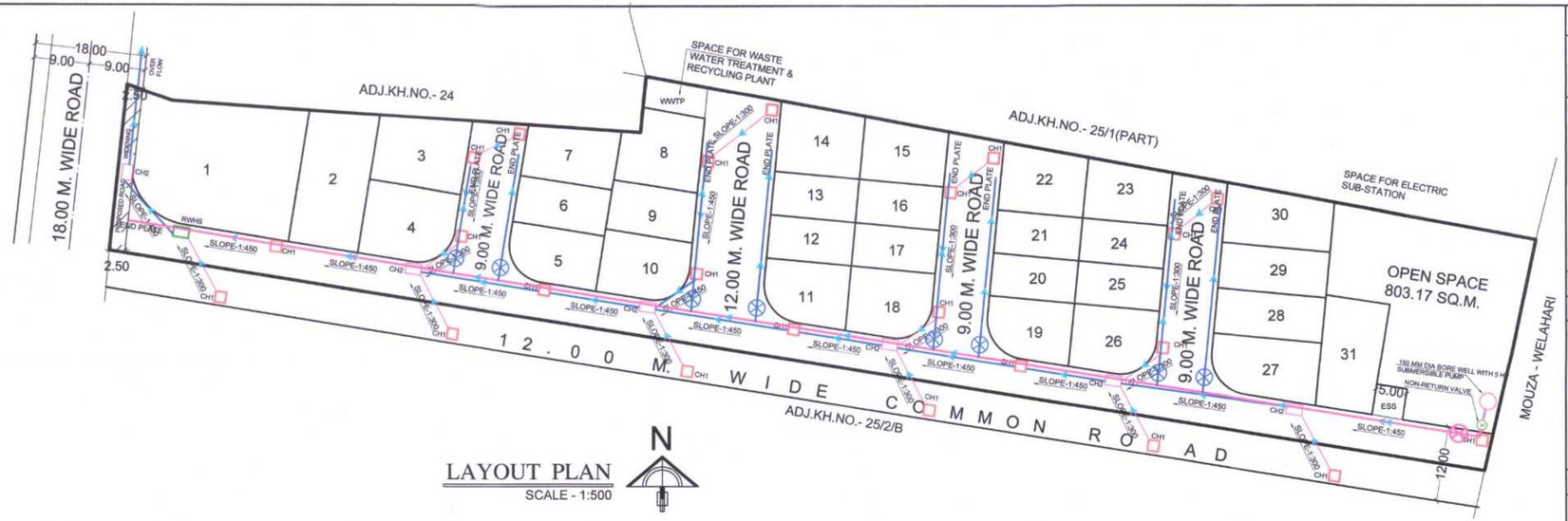
UMESH M. LAMGE
(Arch. Pune)
ARCHITECTS & INTERIOR DESIGNERS
Regn.No. CA/95/16997
NAC Lic No.: R-99
NIT Lic No.: 663

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

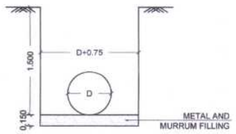


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LAYOUT PLAN

SCALE - 1:500

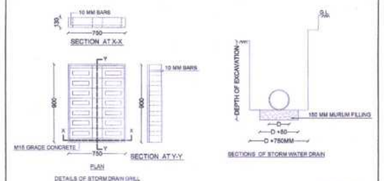
C/ S DETAILS OF WELL/BORE WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



FOR LINE WITH PIPE DIAMETER UPTO 600 MM

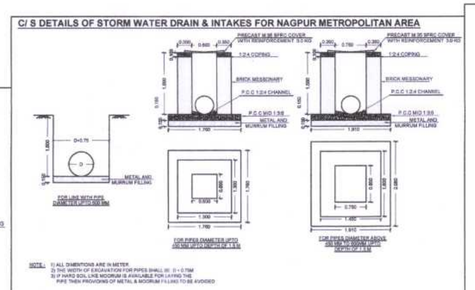
NOTE - 1) ALL DIMENTIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
3) IF HARD SOIL LIKE MOORUM IS AVAILABLE FOR LAYING THE PIPE THEN PROVIDING OF METAL & MOORUM FILLING TO BE AVOIDED

VARIOUS CROSS SECTION SHOWING DETAILS OF STORM DRAIN



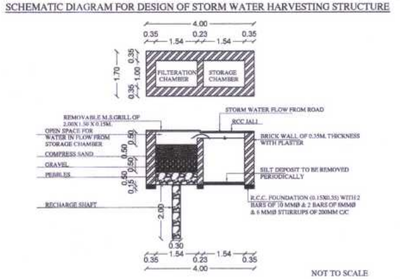
NOT TO SCALE

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

SCHEMATIC DIAGRAM FOR DESIGN OF STORM WATER HARVESTING STRUCTURE



NOT TO SCALE

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. - 25/2/A , P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S
1. SHRI. PRASHANT M. BONGIRWAR
2) RAHUL A. UPGANALAWAR

REFERENCE :

H.D.P.E 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 PIPE 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)

OWNER'S SIGN :

M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

1. SHRI. PRASHANT M. BONGIRWAR

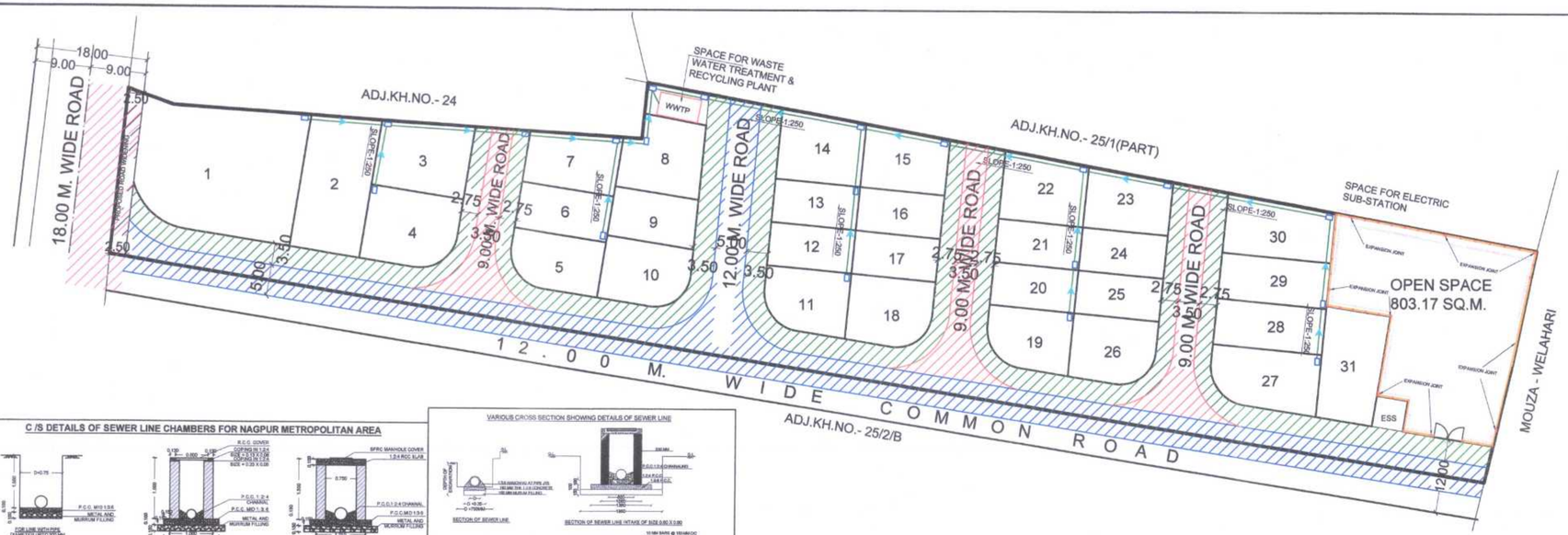
2) RAHUL A. UPGANALAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/85/15907
NMC Lic No.: R-90
NIT Lic No.: 885

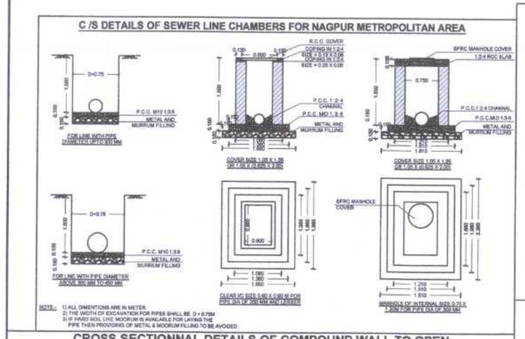
UMESH M. LAMGE
B. ARCH.
ARCHITECT & INTERIOR DESIGNER
FIFTH FLOOR, DAYA CHAMBERS,
AJNI SQ., WARDHA ROAD, NAGPUR

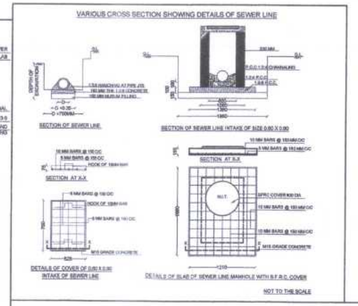
Superintending Engineer N.M.R.D.A	Executive Engineer(development work) N.M.R.D.A	Assistant Engineer(W) N.M.R.D.A

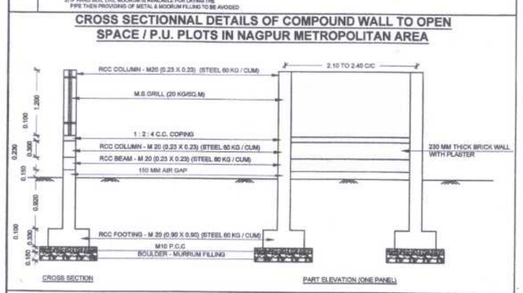


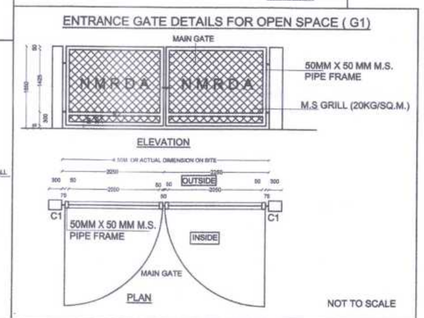
LAYOUT PLAN
SCALE - 1:500

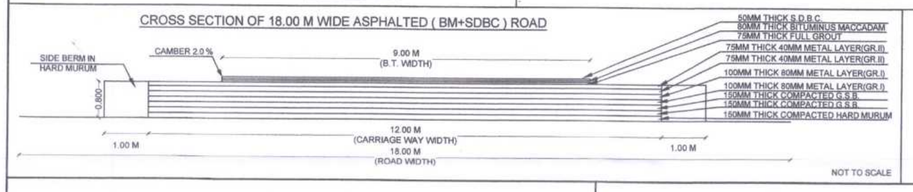
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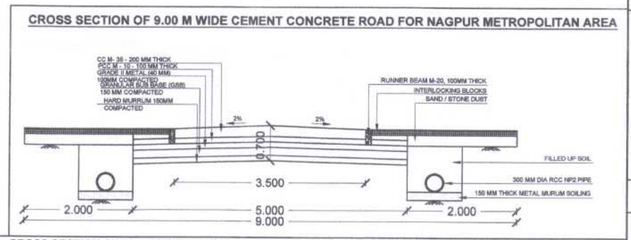


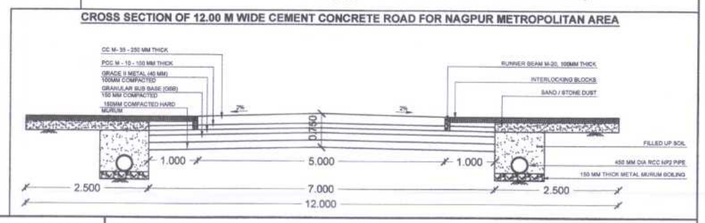












SHEET NO - 1

TITLE - EXISTING CEMENT CONCRETE ROAD WITH PAVER BLOCKS, SEWER LINE NETWORK & PROPOSED COMPOUND WALL TO OPEN SPACE

FOR DEVELOPMENT OF -

PROPOSED RESIDENTIAL LAYOUT PLAN ON KH.NO. - 25/2/A , P.H. NO. - 42, MOUZA - SHANKARPUR, TAH. - NAGPUR (GRAMIN), DIST. - NAGPUR.

BELONGING TO :- M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S
1. SHRI. PRASHANT M. BONGIRWAR
2) RAHUL A. UPGANALAWAR

REFERENCE :

C.C. ROAD

- 12.00M WIDE CEMENT CONCRETE ROAD
- 9.00M WIDE CEMENT CONCRETE ROAD
- CC PAVER BLOCKS (INCLUDING FOOTPATH)
- 18.00 M WIDE ASPHALTED (BM + SDBC) ROAD with ROAD WIDENING

SEWER LINE NETWORK

- 250 MM DIA R.C.C. SEWER LINE
- INTERCEPTOR SIZE 0.60 x 0.90 MT.

COMPOUND WALL

1. M.S.MAIN GATE (4.50 M X 1.85 M) - G1
2. C1 (R.C.C. COLUMN) - 230mm X 450mm
3. C2 (R.C.C. COLUMN) - 230mm X 230mm
4. M.S.MAIN GATE (1.20 M X 1.85 M) - G2

OWNER'S SIGN :

M/s TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

1. SHRI. PRASHANT M. BONGIRWAR

2) RAHUL A. UPGANALAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B. Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Regi.No. CA/99/19907
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