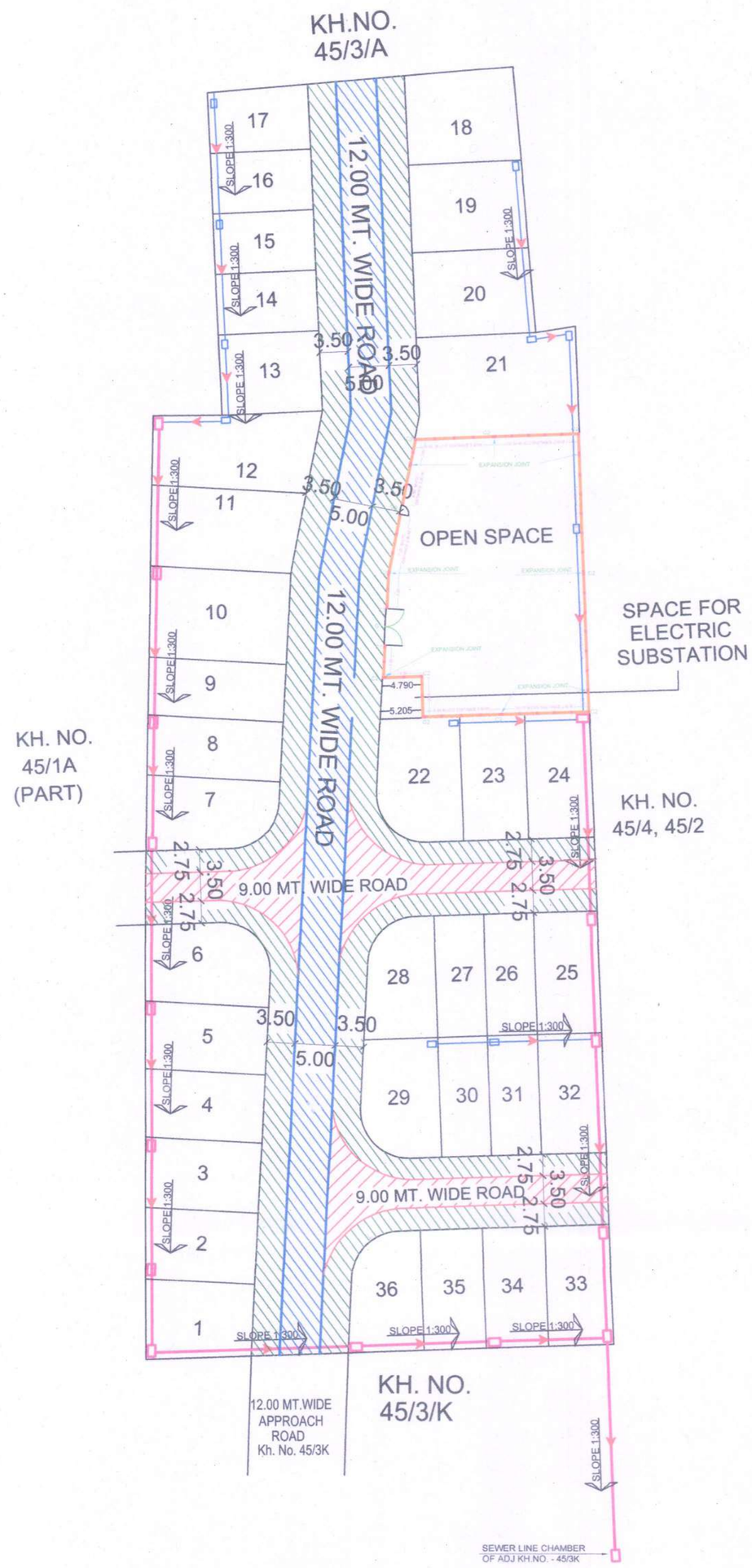



# LAYOUT PLAN

SCALE - 1:500

N

SHEET NO - 1

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

FOR DEVELOPMENT OF -

PROPOSED RESIDENTIAL LAYOUT PLAN ON KH. NO. - 45/3B P.H. NO. 42, MOUZA - SHANKARPUR, TAL. - NAGPUR (GRAMIN), DIST.- NAGPUR.

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

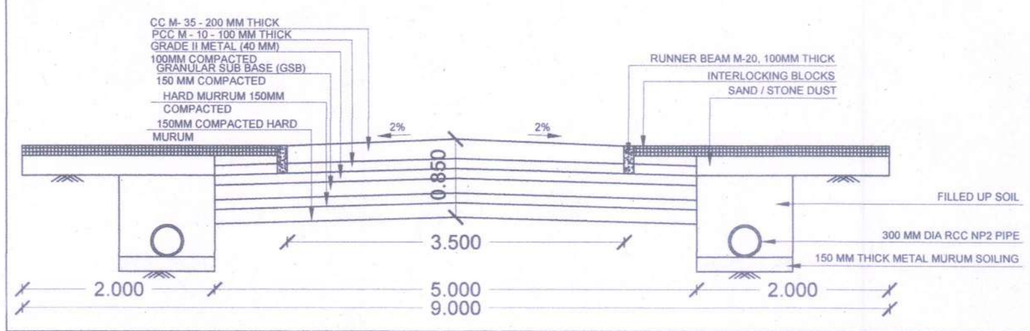
## REFERENCE :

12.00M WIDE CEMENT CONCRETE ROAD
9.00M WIDE CEMENT CONCRETE ROAD
CC PAVER BLOCKS ( INCLUDING FOOTPATH )

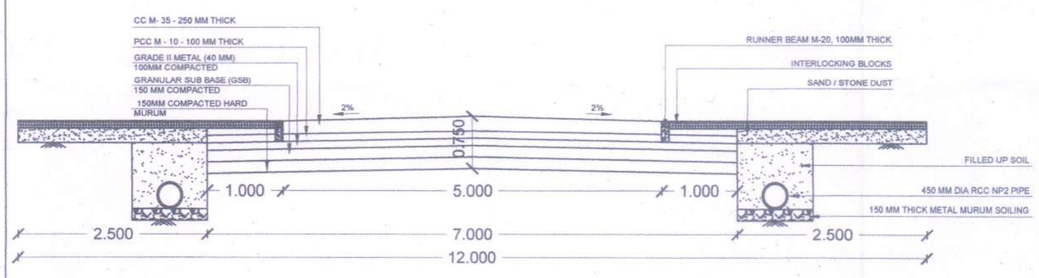
300 MM DIA R.C.C. SEWER LINE
250 MM DIA R.C.C. SEWER LINE
MANHOLE SIZE 0.75 x 1.20 MT.
INTERCEPTOR SIZE 0.60 x 0.90 MT.

1. M.S.MAIN GATE ( 4.50Mx1.85M) - G1
2. C1 (R.C.C.COLUMN) - 230mm X 450mm
3. C2 (R.C.C.COLUMN) - 230mm X 230mm
4. M.S.SIDE GATE ( 1.15 Mx1.85M) - G2

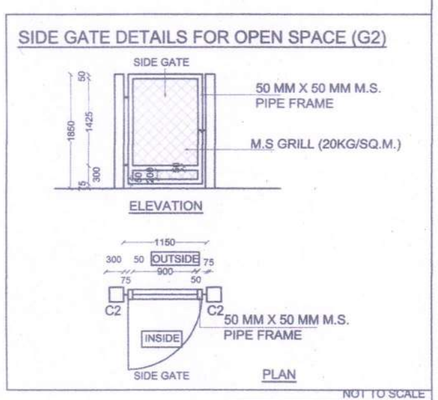
### CROSS SECTION OF 9.00 M WIDE CEMENT CONCRETE ROAD FOR NAGPUR METROPOLITAN AREA



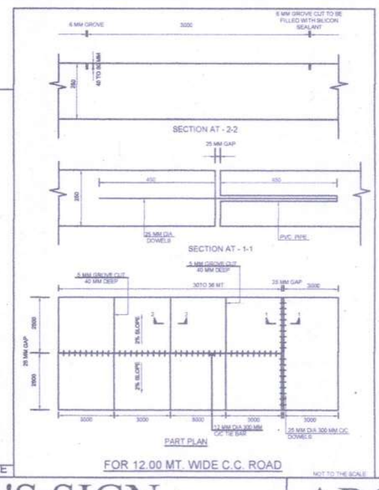

### CROSS SECTION OF 12.00 M WIDE CEMENT CONCRETE ROAD FOR NAGPUR METROPOLITAN AREA




### SIDE GATE DETAILS FOR OPEN SPACE (G2)

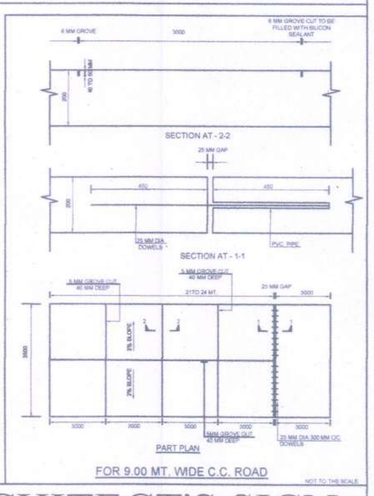



NOT TO SCALE




FOR 12.00 MT. WIDE C.C. ROAD

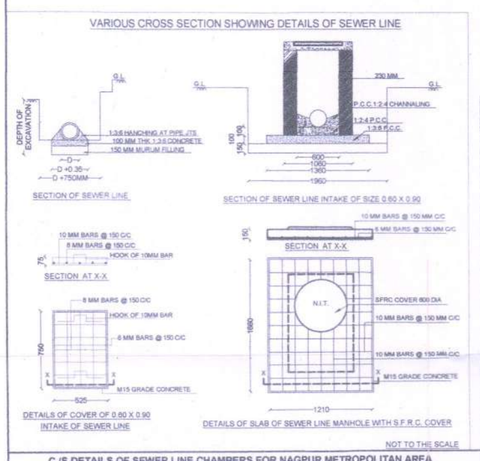
NOT TO THE SCALE




FOR 9.00 MT. WIDE C.C. ROAD

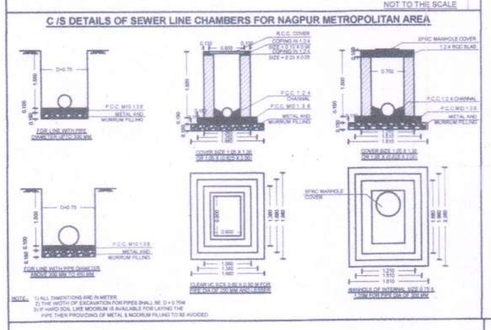
NOT TO THE SCALE

### VARIOUS CROSS SECTION SHOWING DETAILS OF SEWER LINE

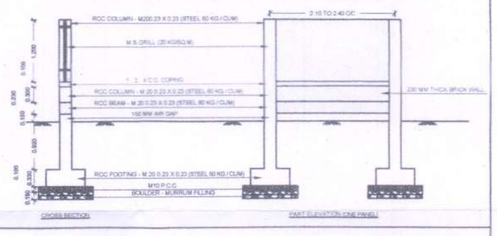



NOT TO THIS SCALE

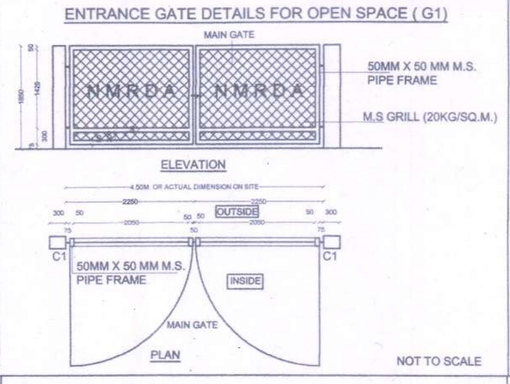
### C /S DETAILS OF SEWER LINE CHAMBERS FOR NAGPUR METROPOLITAN AREA



### 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

## OWNER'S SIGN :

M/S TIRUPATI DEVELOPERS THROUGH ITS PARTNER

1) SHRI. PRASHANT MANOHARRAO BONGIRWAR

2) SHRI. RAHUL ARUNRAO UPGANLAWAR

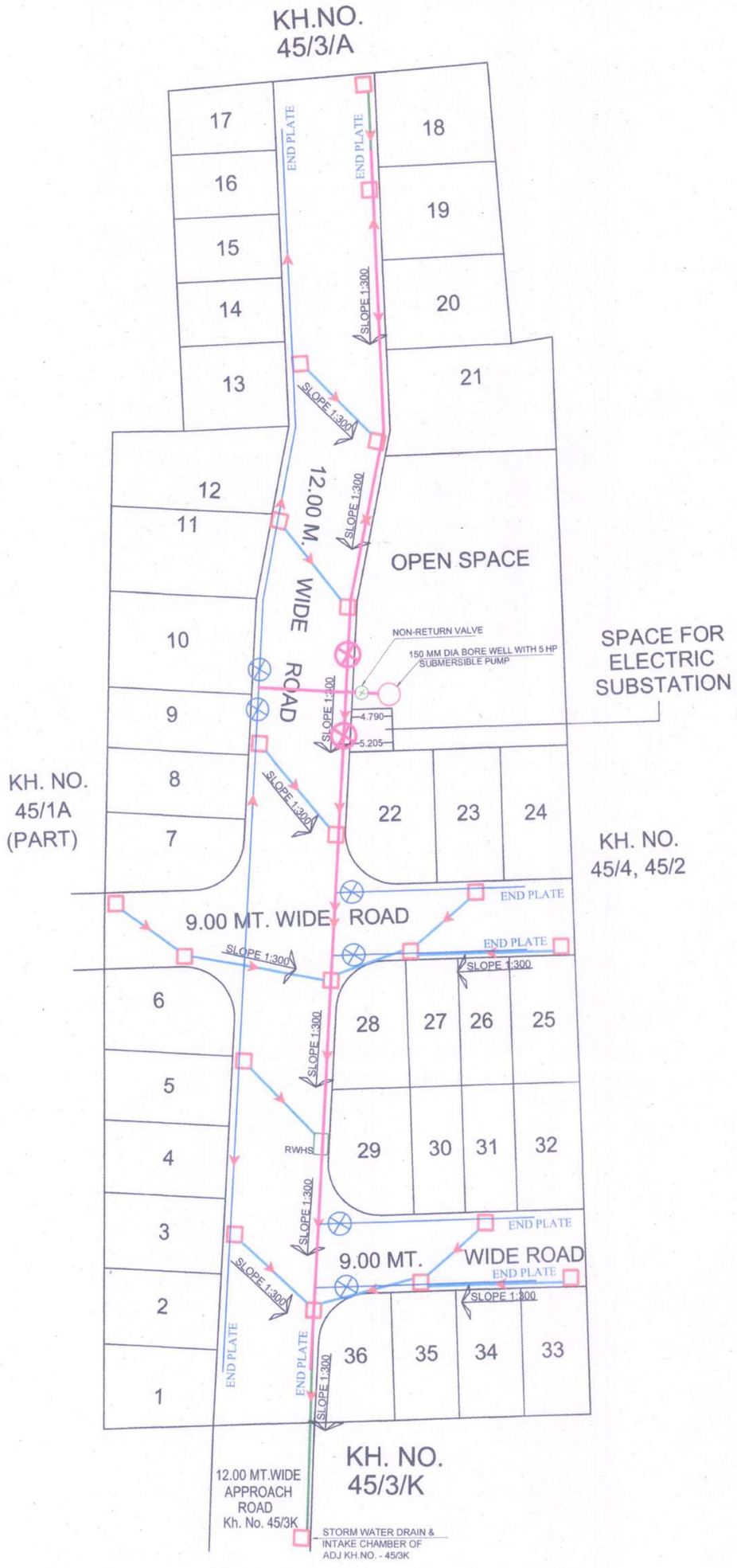
## ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/95/18907
NMC Lic No.: R-90
NIT Lic No.: 865

## ARCHITECT:-

UMESH M. LAMGE
B. ARCH.
ARCHITECT & INTERIOR DESIGNER
402, 5TH FLOOR, DAYA CHEMBER,
AJNI SQ. WARDHA ROAD, NAGPUR

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




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. - 45/3B, P.H. NO. 42, MOUZA - SHANKARPUR, TAL. - NAGPUR (GRAMIN), DIST.- NAGPUR.

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

REFERENCE :

HDPE 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

600MM DIA R.C.C. PIPE SHOWN THUS

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

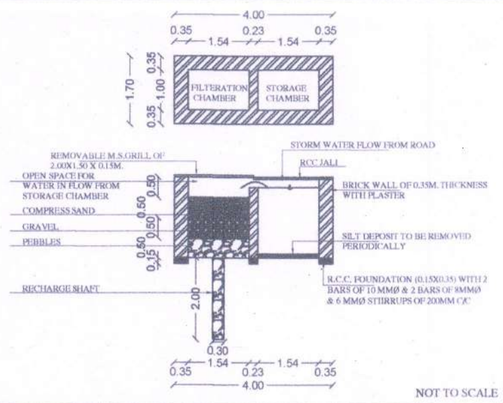
300MM DIA R.C.C. PIPE SHOWN THUS

0.60 X 0.60M SIZE INTAKE SHOWN THUS (CH1)

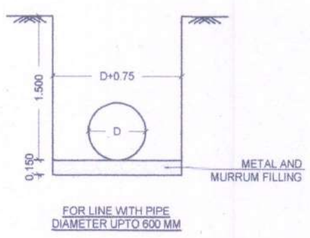
0.75 X 0.90M SIZE INTAKE SHOWN THUS (CH2)

RAIN WATER HARVESTING INTAKE SHOWN THUS (RWHS)

SCHEMATIC DIAGRAM FOR DESIGN OF STORM WATER HARVESTING STRUCTURE



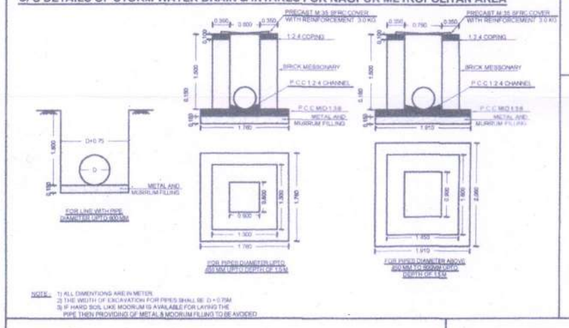

C/ S DETAILS OF WELL/BORE WATER DRAIN & INTAKES FOR NAGPUR METROPOLITAN AREA



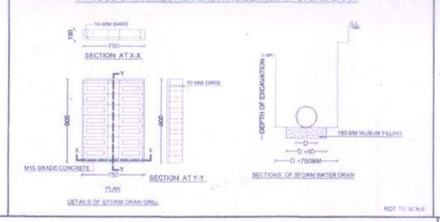

FOR LINE WITH PIPE DIAMETER UPTO 600 MM

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

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




VARIOUS CROSS SECTION SHOWING DETAILS OF STORM DRAIN




OWNER'S SIGN :

M/S TIRUPATI DEVELOPERS THROUGH ITS PARTNER

1) SHRI. PRASHANT MANOHARRAO BONGIRWAR

2) SHRI. RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/95/18907
NMC Lic No.: R-90
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ARCHITECT & INTERIOR DESIGNER
402, 5TH FLOOR, DAYA CHEMBER,
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 |
|---|---|---|