SHEET NO - 1

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

FOR DEVELOPMENT OF -

FINAL DEMARCATED RESIDENTIAL LAYOUT PLAN ON KH.NO. - 30/1/K, P. H. NO. - 38 ,

MOUZA - SHANKARPUR ,TAL.-NAGPUR (GRAMIN), DIST.- NAGPUR

BELONGING TO :

SHRI. SUDHAKAR RAJESWAR KOMAWAR
THROUGH P.O.A. HOLDER
M/S TIRUPATI DEVELOPER'S
THROUGH PATNER'S
SHRI. PRASHANT *MANOHARRAO BONGIRWAR*
SHRI.RAHUL ARUNRAO UPGANLAWAR

REFERENCE :

FOR CEMENT CONCRETE ROAD

12.00 M WIDE CEMENT CONCRETE ROAD	
9.00 M WIDE CEMENT CONCRETE ROAD	
12.00 M WIDE ASPHALTED (BM + SDBC) ROAD	
18.00 M WIDE ASPHALTED (BM + SDBC) ROAD INCLUDING ROAD WIDENING	
C.C PAVER BLOCKS (INCLUDING FOOT-PATH)	

FOR SEWER LINE NETWORK

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) 7.00M X 8.00 M	STP

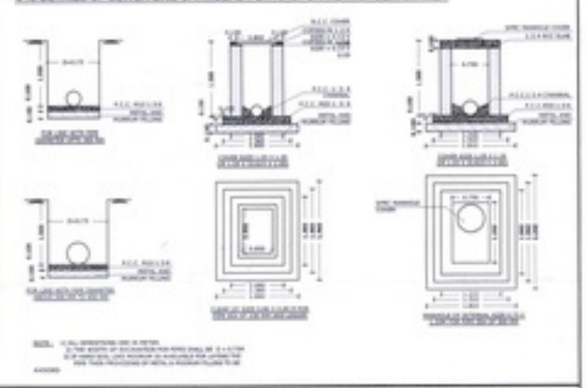
FOR COMPOUND WALL TO OPEN SPACE

1. M.S MAIN GATE (4.50 M X 1.85M) - (G1)-(NO.2)	
2. M.S WICKET GATE (1.10 M X 1.85M) - (G2)-(NO.1)	
3. C1 (R.C.C COLUMN) - (230 mm X 450 mm) - (NO.4)	
4. C2 (R.C.C. COLUMN)-(230 mm X 230 MM) - (NO.158)	

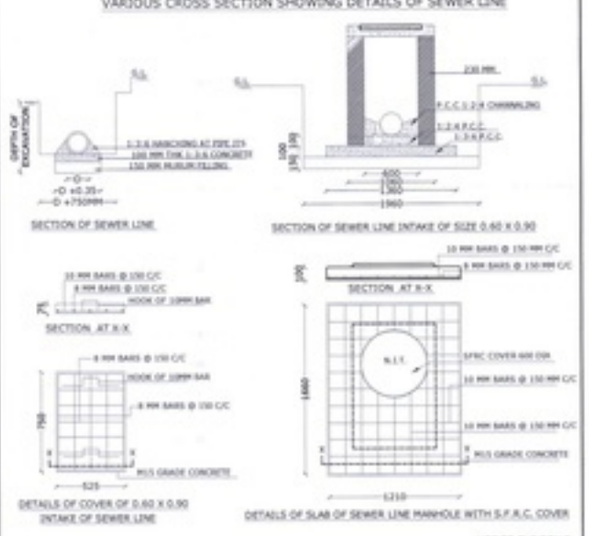
AREA STATEMENT :

A) AREA FOR KH. NO.30/1/K	- 58200.00 SQ. M. (5.82H)
B) GROSS AREA UNDER LAYOUT	- 50087.82 SQ. M. (100%)
1) AREA UNDER OPEN SPACE	- 5017.98 SQ. M. (10.02%)
2) AREA UNDER AMENITY SPACE	- 5107.07 SQ. M. (10.20%)
3) AREA UNDER APPROACH & VEHICULAR ROAD	-12415.18 SQ. M. (24.78 %)
4) AREA UNDER RESIDENTIAL PLOTS	- 27547.60 SQ. M. (55.00 %)
TOTAL	- 50087.82 SQ. M. (100 %)

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

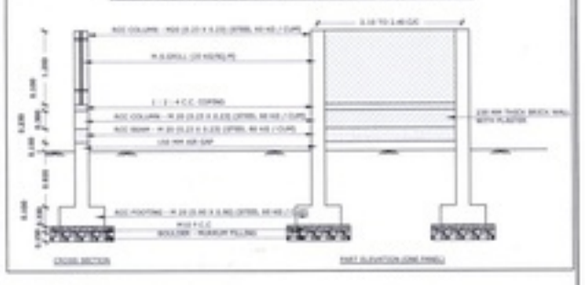


VARIOUS CROSS SECTION SHOWING DETAILS OF SEWER LINE

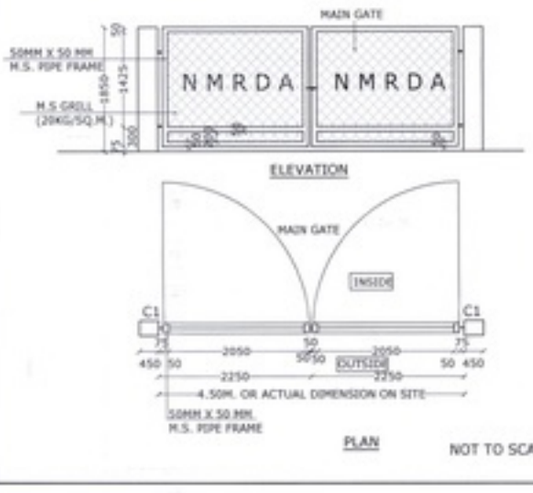


NOT TO THE SCALE

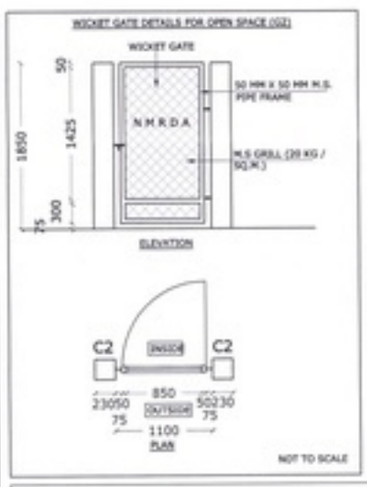
CROSS SECTIONNAL DETAILS OF COMPOUND WALL TO OPEN SPACE / P.U. PLOTS IN NAGPUR METROPOLITAN AREA



ENTRANCE GATE DETAILS FOR OPEN SPACE (G1)



NOT TO SCALE



NOT TO SCALE

NOT TO SCALE

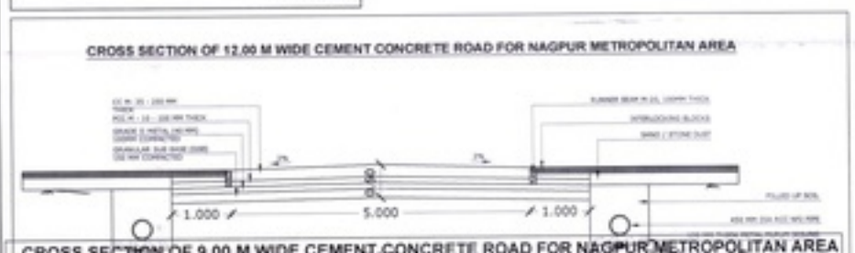
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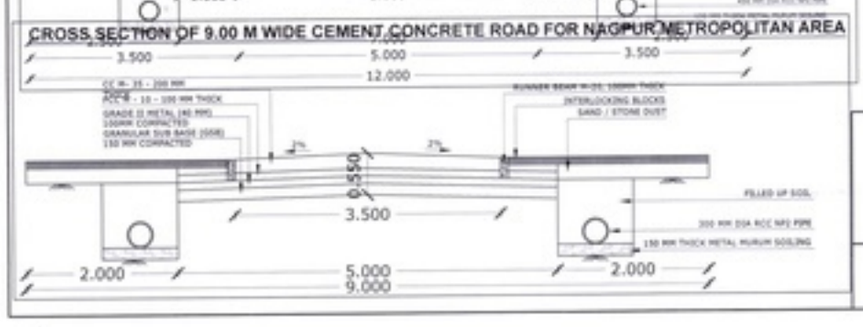
LAYOUT PLAN
SCALE - 1:500

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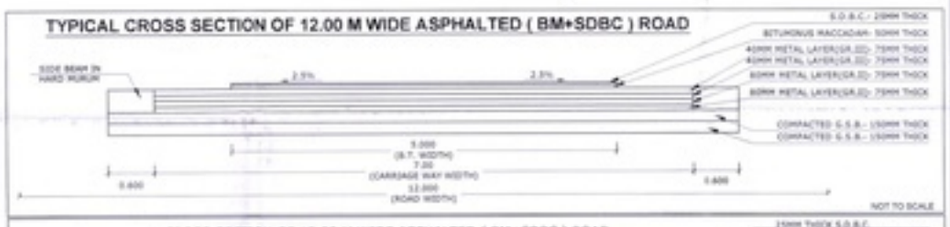
CROSS SECTION OF 12.00 M WIDE CEMENT CONCRETE ROAD FOR NAGPUR METROPOLITAN AREA



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



TYPICAL CROSS SECTION OF 12.00 M WIDE ASPHALTED (BM+SDBC) ROAD



NOT TO SCALE

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



NOT TO SCALE

Assistant Engineer(Metro) N.M.R.D.A	Executive Engineer(2) N.M.R.D.A	Superintending Engineer N.M.R.D.A

OWNER'S SIGN :

BELONGING TO :
SHRI. SUDHAKAR RAJESWAR KOMAWAR
THROUGH P.O.A. HOLDER
M/S TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

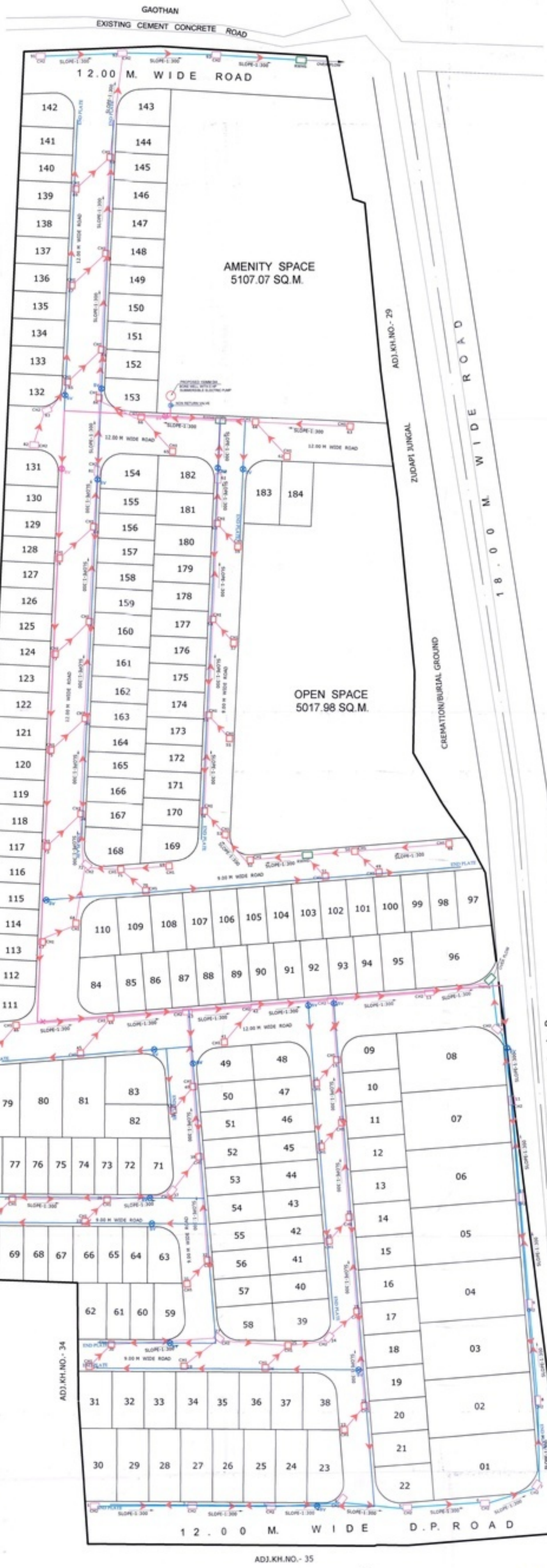
SHRI.PRASHANT MANOHARRAO BONGIRWAR

SHRI.RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/99/15907
MMC Lic.No. : R-99
NIT Lic.No.: 865

AR. UMESH LAMGE
B.ARCH.(HONS.)
ARCHITECT & INTERIOR DESIGNER
402 , DAYA CHAMBER,
AJANI SQ. WARDHA ROAD, NAGPUR



LAYOUT PLAN
SCALE - 1:500

N

Assistant Engineer-I (South)
Nagpur Metro Region Development Authority
NAGPUR

SHEET NO - 2

TITLE - EXISTING H.D.P.E. WATER PIPE LINE & STORM WATER LINE NETWORK PLAN
FOR DEVELOPMENT OF -
FINAL DEMARCATED RESIDENTIAL LAYOUT PLAN ON
KH.NO. - 30/1/K, P. H. NO. - 38 ,
MOUZA - SHANKARPUR ,TAL.-NAGPUR (GRAMIN),
DIST.- NAGPUR

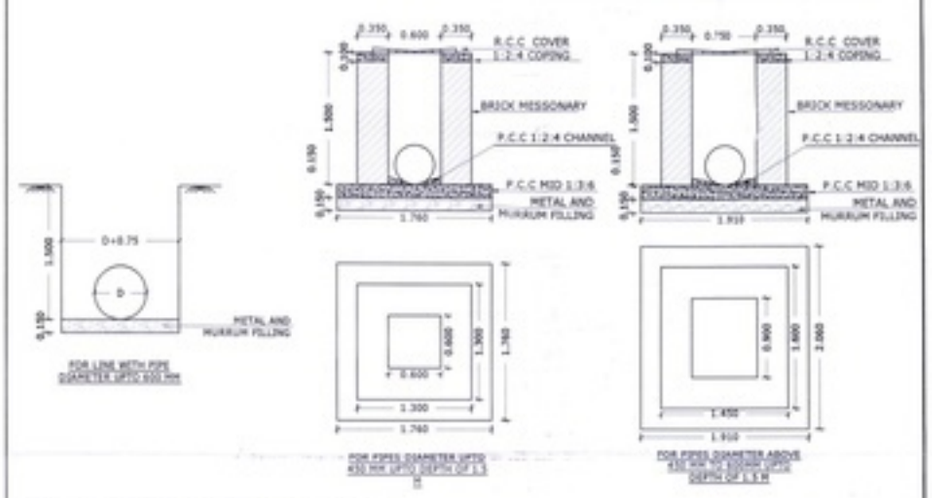
BELONGING TO :

SHRI. SUDHAKAR RAJESWAR KOMAWAR
THROUGH P.O.A. HOLDER
M/S TIRUPATI DEVELOPER'S
THROUGH PATNER'S
SHRI. PRASHANT *MANOHARRAO BONGIRWAR*
SHRI.RAHUL ARUNRAO UPGANLAWAR

REFERENCE :	
FOR STORM WATER LINE NETWORK	
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	
FOR STORM WATER LINE NETWORK	
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)	

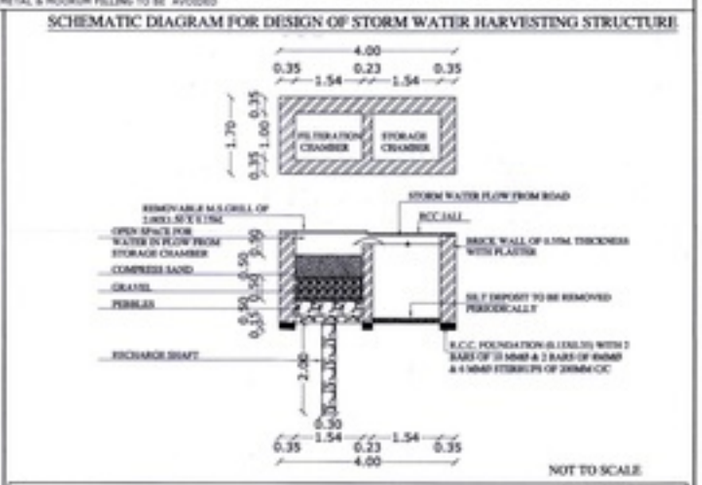
AREA STATEMENT :	
A) AREA FOR KH. NO.30/1/K	- 58200.00 SQ. M. (5.82H)
B) GROSS AREA UNDER LAYOUT	- 50087.82 SQ. M. (100%)
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4) AREA UNDER RESIDENTIAL PLOTS	- 27547.60 SQ. M. (55.00 %)
TOTAL	- 50087.82 SQ. M. (100 %)

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



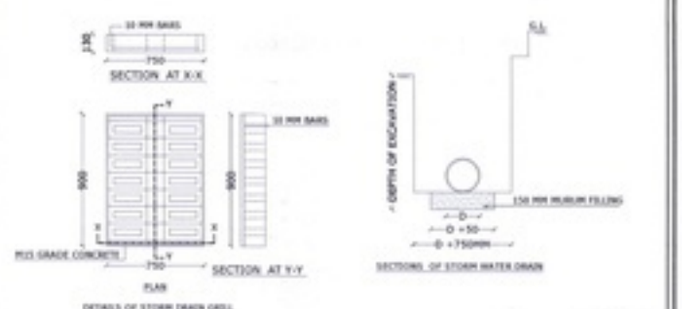
NOTE :- 1) ALL DIMENTIONS ARE IN METER.
2) THE WIDTH OF EXCAVATION FOR PIPES SHALL BE D + 0.75M
3) IF HARD SOIL LIKE MOORUM IS AVAILABLE FOR LAYING THE PIPE THEN PROVIDING OF METAL & MOORUM FILLING TO BE AVOIDED

SCHEMATIC DIAGRAM FOR DESIGN OF STORM WATER HARVESTING STRUCTURE



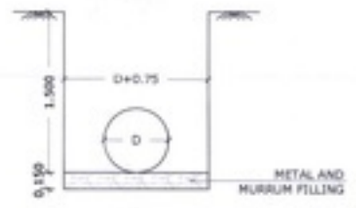
NOT TO SCALE

VARIOUS CROSS SECTION SHOWING DETAILS OF STORM DRAIN



NOT TO SCALE

C/ S DETAILS OF WELL/BORE 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

OWNER'S SIGN :

BELONGING TO :
SHRI. SUDHAKAR RAJESWAR KOMAWAR
THROUGH P.O.A. HOLDER
M/S TIRUPATI DEVELOPER'S
THROUGH PARTNER'S

SHRI.PRASHANT MANOHARRAO BONGIRWAR

SHRI.RAHUL ARUNRAO UPGANLAWAR

ARCHITECT'S SIGN :

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/2007/16907
NAGPUR Lic No.: R-90
NMRDA Lic No.: 865

AR. UMESH LAMGE
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402 , DAYA CHAMBER,
AJANI SQ. WARDHA ROAD, NAGPUR

Assistant Engineer(Metro) N.M.R.D.A	Executive Engineer(2) N.M.R.D.A	Superintending Engineer N.M.R.D.A