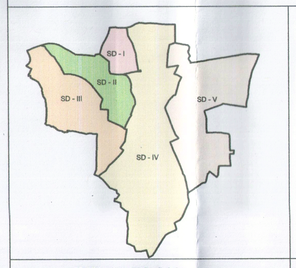
Zone -4 (2)

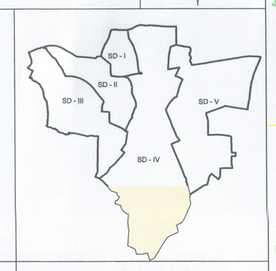
SECTION 1

DRG NAME :

PROPOSED SEWAGE COLLECTION SYSTEM IN ZONE -IV



INDEX PLAN:



KEY PLAN:

PIPE LEGEND:

SR. NO.	CODE	DESCRIPTION	SR. NO.	CODE	DESCRIPTION
1		150 MM PIPE	8		600 MM PIPE
2		175 MM PIPE	9		700 MM PIPE
3		200 MM PIPE	10		1000 MM PIPE
4		250 MM PIPE	11		1100 MM PIPE
5		300 MM PIPE	12		1200 MM PIPE
6		400 MM PIPE	13		1400 MM PIPE
7		500 MM PIPE			

Length in Mt

Manhole No. / Invert Level — Manhole No. / Invert Level

PIPE DETAILS SUMMARY:

PIPE DESCRIPTION	NO OF PIPE SECTIONS	MATERIAL	LENGTH OF PIPE IN (M)
Circle – 150.0 mm	6296	DWC	157152
Circle – 175.0 mm	170	DWC	3945
Circle – 200.0 mm	180	DWC	4383
Circle – 250.0 mm	267	DWC	6500
Circle – 300.0 mm	137	DWC	3390
Circle – 400.0 mm	145	DWC	3671
Circle – 500.0 mm	148	RCC NP3	3641
Circle – 600.0 mm	36	RCC NP3	908
Circle – 700.0 mm	6	RCC NP3	162
Circle – 1000.0 mm	82	RCC NP3	2185
Circle – 1100.0 mm	16	RCC NP3	406
Circle – 1200.0 mm	19	RCC NP3	471
Circle – 1400.0 mm	94	RCC NP3	2753
Total	7596		189567

MANHOLES DETAILS SUMMARY:

MANHOLE DESCRIPTION	DEPTH OF MANHOLE UP TO 1.65	DEPTH OF MANHOLE UP TO 2.30	DEPTH OF MANHOLE UP TO 6.00	DEPTH OF MANHOLE UP TO 7.50
No Of Manholes	5505	1123	979	7
Size Of Manholes	900MM	1200MM	1500MM	1800MM

REV. NO.	DATE	REVISION	DRAWN	CHK.	APPD.
R1	31/12/19	REVISION 0	KPP	HP	

STAMP AREA

Dr. Rajesh Gupta
Professor
Department of Civil Engineering
Visvesvaraya National Institute of Technology
Nagpur - 440 010.

CLIENT : JALGAON MUNICIPAL CORPORATION

PROJECT MANAGEMENT CONSULTANT : MAHARASHTRA JEEVAN PRADHIKARAN, JALGAON DIVISION

PROJECT CONTRACTOR : LC INFRA PROJECTS PVT LTD, AHMEDABAD

PROJECT : UNDERGROUND DRAINAGE SCHEME FOR JALGAON MUNICIPAL CORPORATION

TITLE: HYDRAULIC NETWORK DESIGN FOR JALGAON ZONE 4

SCALE	1:2.5	
DESIGNED	SP	
DRAWN	KPP	
CHECKED	HP	
APPROVED		
DATE		

DRAWING NO. MAHA/JLGN/19-20/Z4-01/R0

CONTRACT NO. 70 DATED 21/08/2019

REV. R1

SHEET NO. 1 OF 3