Verified and Affirmed
23-07-2020
Dr. Rajesh Gupta
Professor
Department of Civil Engineering
Visvesvaraya National Institute of Technology
Nagpur - 440 010.

Zone - I

PROPOSED SEWAGE COLLECTION SYSTEM IN ZONE -I



PIPE LEGEND:

SR. NO.	CODE	DESCRIPTION	SR. NO.	CODE	DESCRIPTION
1		150 MM PROPOSED PIPE	4		300 MM PROPOSED PIPE
2		175 MM PROPOSED PIPE	5		400 MM PROPOSED PIPE
3		200 MM PROPOSED PIPE	6		500 MM PROPOSED PIPE
4		250 MM PROPOSED PIPE	6		600 MM PROPOSED PIPE

Length in Mt

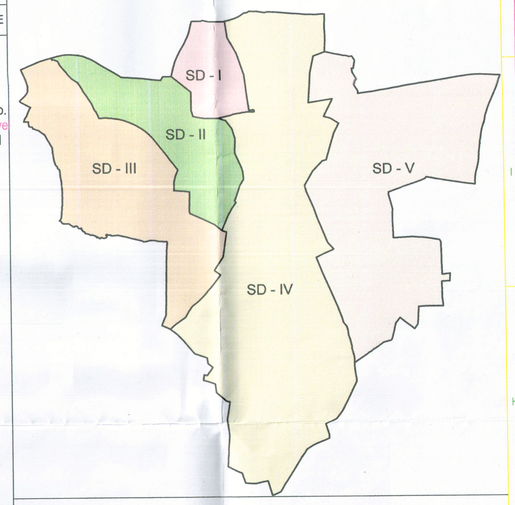
Manhole No.
Ground Level
Invert Level

Manhole No.
Ground Level
Invert Level

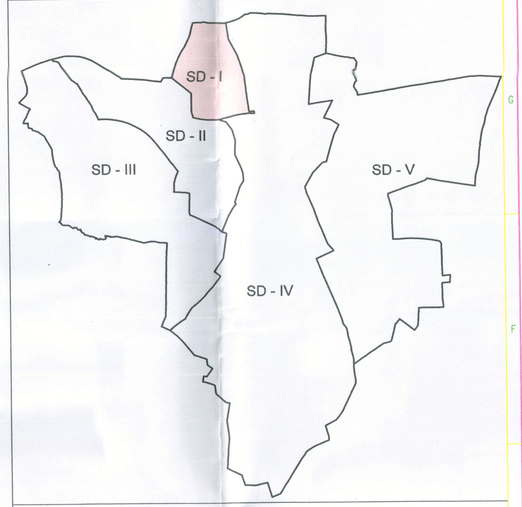
DRG NAME :

PROPOSED SEWAGE COLLECTION SYSTEM IN ZONE -I

INDEX PLAN: **DWG .NO-1**



KEY PLAN:



LEGEND:

SR. NO.	CODE	DESCRIPTION	SR. NO.	CODE	DESCRIPTION
1		Damar Road	4		RCC ROAD
2		Cart Track	5		TBM
3		Manhole	6		E.P

PIPE DETAILS SUMMERY:

PIPE DESCRIPTION	NO OF PIPE SECTIONS	MATERIAL	LENGTH OF PIPE IN (M)
Circle - 150.0 mm	779	DWC	20275
Circle - 175.0 mm	20	DWC	462
Circle - 200.0 mm	24	DWC	616
Circle - 250.0 mm	21	DWC	499
Circle - 300.0 mm	17	DWC	439
Circle - 400.0 mm	6	DWC	158
Circle - 500.0 mm	16	RCC NP3	369
Circle - 600.0 mm	83	RCC NP3	2197
Total	966		25011

MANHOLES DETAILS SUMMERY:

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	574	140	238	14
Size Of Manholes	900 MM	1200 MM	1500 MM	1800 MM

REV. NO.	DATE	REVISION	DRAWN	CHK.	APPD.
R0	10/10/19	REVISION 0	NP	HP	

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 1

SCALE	1:2.4
DESIGNED	SP
DRAWN	NP
CHECKED	HP
APPROVED	
DATE	

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

CONTRACT NO. 70 DATED 21/08/2019

REV. R0

SHEET NO. 1 OF 1