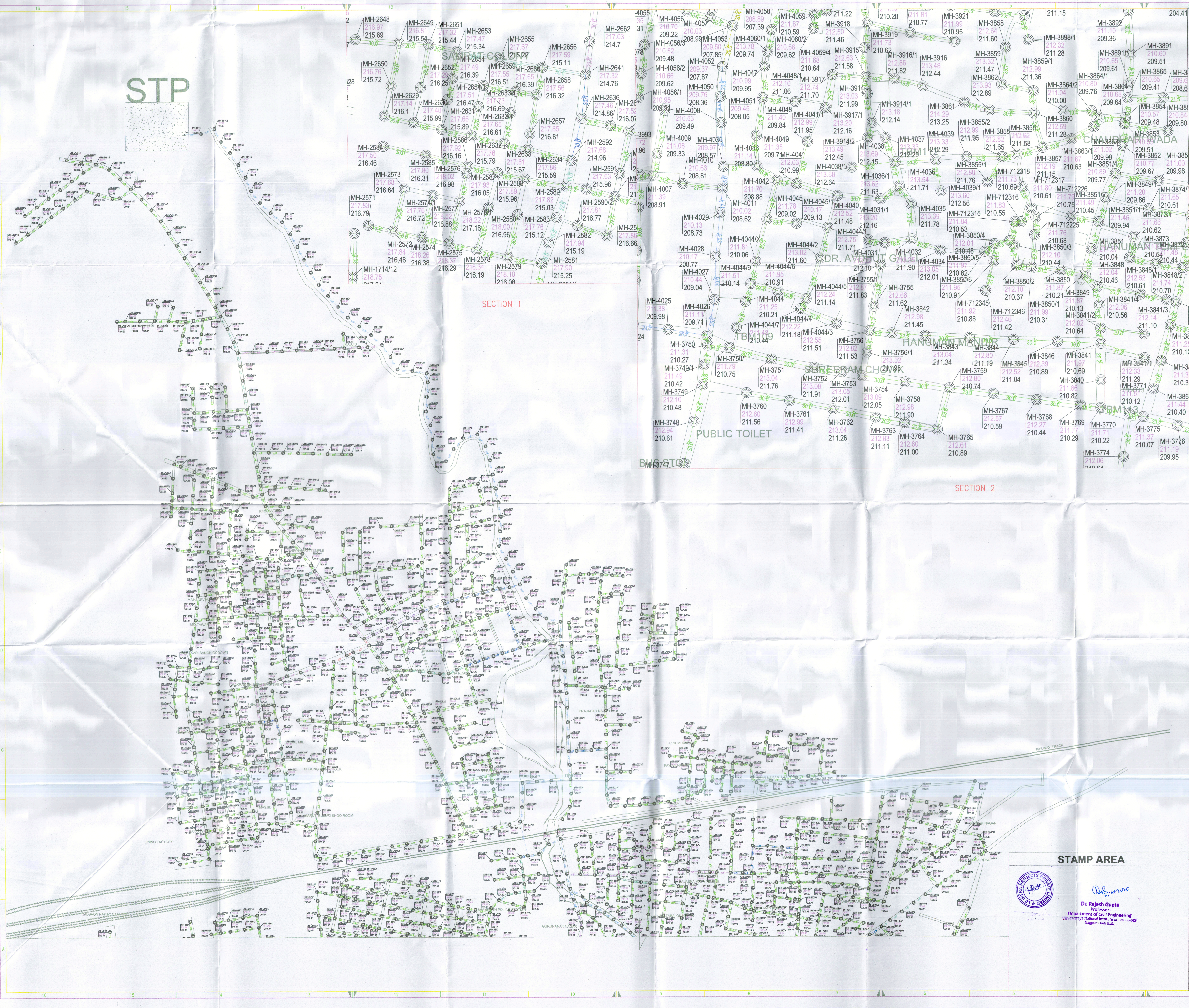
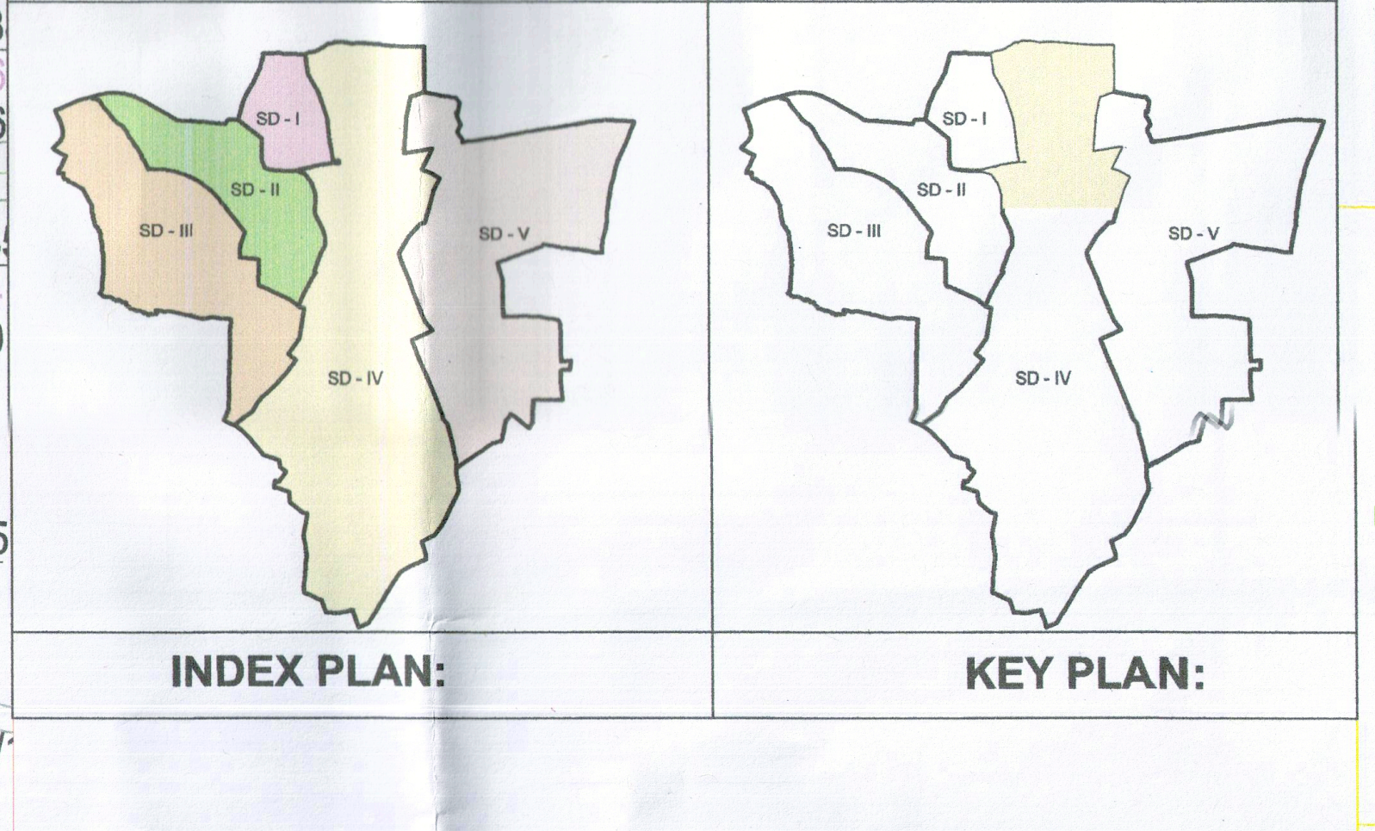
Zone - 4 (3)

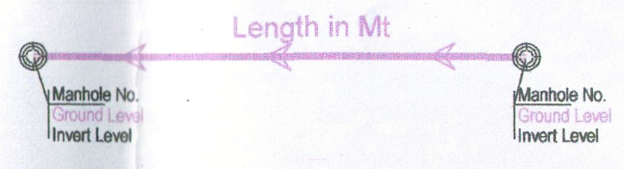

STP
SECTION 1
SECTION 2
SAMRAT COLONY
CHAUDHARI WADA
HANUMAN TEMPLE
DR. AVDHUT GALLI
HANUMAN MANDIR
SHREERAM CHOWK
PUBLIC TOILET
BUS STOP
TBM 11
TBM 109
TBM 113
MH-2648
MH-2649
MH-2651
MH-2653
MH-2655
MH-2656
MH-2662
MH-2641
MH-2636
MH-2592
MH-2591
MH-2590/2
MH-2582
MH-2581
MH-2579
MH-2578
MH-2575
MH-2574
MH-2572
MH-2571
MH-2573
MH-2584
MH-1714/12
MH-4058
MH-4059
MH-3918
MH-3919
MH-3921
MH-3858
MH-3898/1
MH-3892
MH-3891
MH-4025
MH-4026
MH-4027
MH-4028
MH-4029
MH-4007
MH-3750
MH-3748
MH-3747
MH-3760
MH-3761
MH-3762
MH-3763
MH-3764
MH-3765
MH-3767
MH-3768
MH-3769
MH-3770
MH-3774
MH-3775
MH-3776
RAILWAY TRACK
PRAJAPAD NAGAR
LAKSHMI NAGAR
GURUNANAK NAGAR
SHRUNG CHOWK
MARUTI SHOO ROOM
JINING FACTORY
JALGAON RAILAY STATION
SHIV TEMPLE
KIRNA
MAHADEV MANDIR
MOTAWARI
HARI SANGH GODOWN
USMANIYA
SHIVAJI
MASJID
TEMPL
CHANDANWADI

DRG NAME :

PROPOSED SEWAGE COLLECTION SYSTEM IN ZONE -IV

DWG .NO-1


SD - I
SD - II
SD - III
SD - IV
SD - V
INDEX PLAN:
KEY PLAN:


Length in Mt
Manhole No.
Ground Level
Invert Level

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			

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

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

STAMP AREA

LC INFRA PROJECTS PRIVATE LIMITED

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/Z4-03/R0
SHEET NO. 3 OF 3

CONTRACT NO.
70 DATED 21/08/2019

REV.
R1