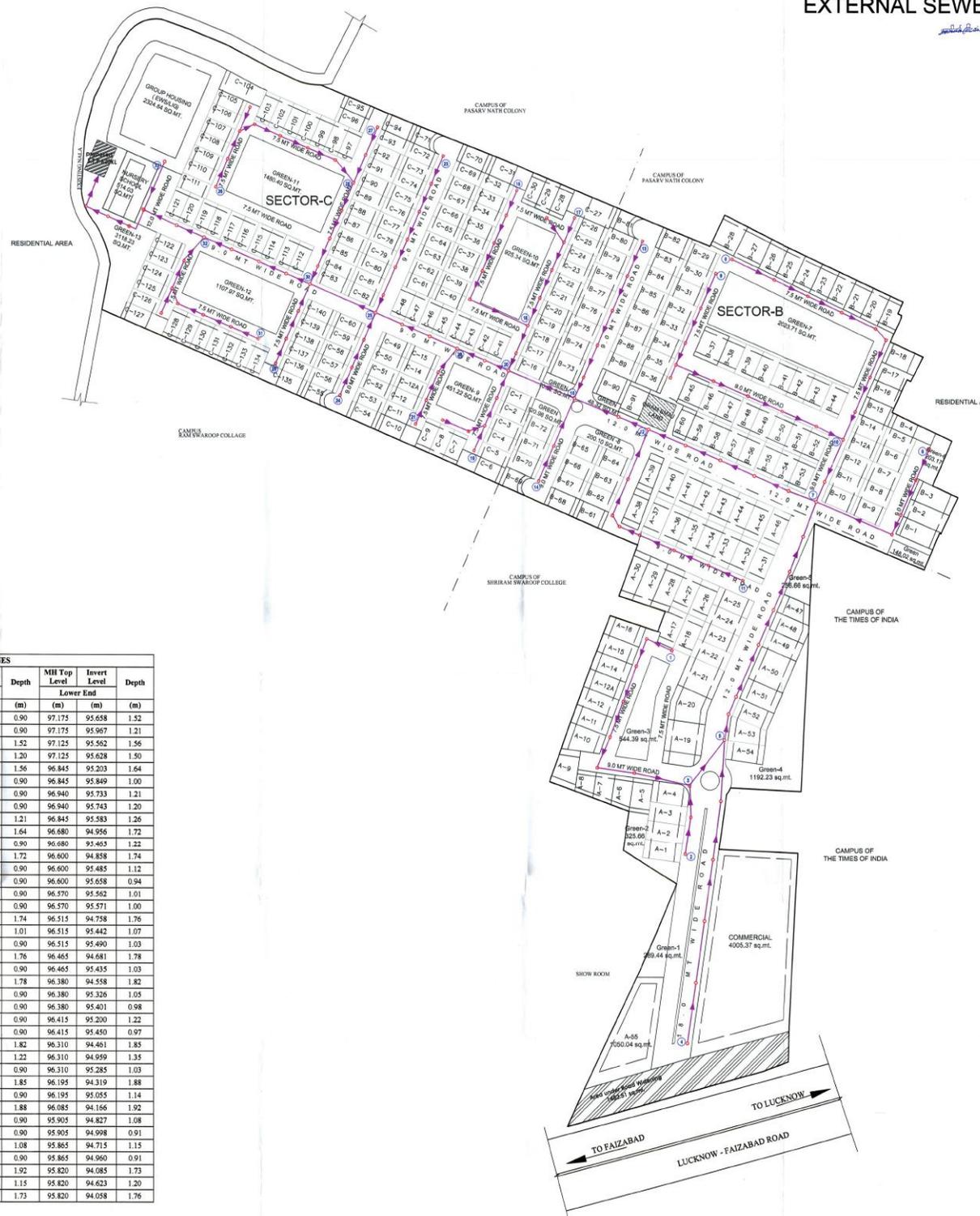


# EXTERNAL SEWERAGE SYSTEM

सुविधा 5  
प्रस्तावित क्षेत्र में नहर नाला प्रणाली का काम किया जा रहा है।

PROPOSED TOWNSHIP (SPRING GARDEN)  
AT KHASRA NO.  
(374-376,380,381,383-387,404-407,419-422)  
VILLAGE UTTARHAUNA AT  
FAIZABAD ROAD,LUCKNOW.



सुविधा 5  
प्रस्तावित क्षेत्र में नहर नाला प्रणाली का काम किया जा रहा है।

सर्वेक्षण के आधार पर नहर नाला प्रणाली का काम किया जा रहा है।

सर्वेक्षण के आधार पर नहर नाला प्रणाली का काम किया जा रहा है।

सर्वेक्षण के आधार पर नहर नाला प्रणाली का काम किया जा रहा है।



DETAILS OF SEWER LINES										
Manhole No.	Length	Dia.	Slope	MH Top Level		Depth	MH Top Level		Depth	Depth
				Upper End	Lower End		Upper End	Lower End		
From	To	(m)	(mm)	1 in	(m)	(m)	(m)	(m)	(m)	(m)
1	3	126	200	160	97.345	96.445	0.90	97.175	95.658	1.52
2	3	34	100	90	97.245	96.345	0.90	97.175	95.967	1.21
3	5	24	200	250	97.175	95.658	1.52	97.125	95.562	1.56
4	5	143	200	250	97.400	96.200	1.20	97.125	95.628	1.50
5	7	129	250	360	97.125	95.562	1.56	96.845	95.203	1.64
6	7	85	200	320	97.015	96.115	0.90	96.845	95.849	1.00
8	10	146	200	260	97.195	96.295	0.90	96.940	95.733	1.21
9	10	138	200	250	97.195	96.295	0.90	96.940	95.743	1.20
10	7	33	200	220	96.940	95.733	1.21	96.845	95.583	1.26
7	12	89	250	360	96.845	95.203	1.64	96.680	94.956	1.72
11	12	116	200	200	96.945	96.045	0.90	96.680	95.463	1.22
12	15	39	250	400	96.680	94.956	1.72	96.600	94.838	1.74
13	15	83	200	200	96.800	95.900	0.90	96.600	95.485	1.12
14	15	44	200	320	96.695	95.795	0.90	96.600	95.658	0.94
16	18	89	200	320	96.740	95.840	0.90	96.570	95.562	1.01
17	18	57	200	260	96.690	95.790	0.90	96.570	95.571	1.00
15	20	35	250	350	96.600	94.858	1.74	96.515	94.758	1.76
18	20	24	200	200	96.570	95.562	1.01	96.515	95.442	1.07
19	20	42	150	200	96.600	95.700	0.90	96.515	95.490	1.03
20	22	28	250	360	96.515	94.758	1.76	96.465	94.681	1.78
21	22	43	150	200	96.550	95.650	0.90	96.465	95.435	1.03
22	25	44	250	360	96.465	94.681	1.78	96.380	94.558	1.82
23	25	83	200	260	96.545	95.645	0.90	96.380	95.326	1.05
24	25	44	200	260	96.470	95.570	0.90	96.380	95.401	0.98
26	28	95	200	260	96.465	95.565	0.90	96.415	95.200	1.22
27	28	30	150	240	96.475	95.575	0.90	96.415	95.450	0.97
25	30	35	250	360	96.380	94.558	1.82	96.310	94.461	1.85
28	30	53	200	220	96.415	95.200	1.22	96.310	94.959	1.35
29	30	42	150	200	96.395	95.495	0.90	96.310	95.285	1.03
30	32	57	250	400	96.310	94.461	1.85	96.195	94.319	1.88
31	32	81	200	200	96.360	95.460	0.90	96.195	95.055	1.14
32	33	55	250	360	96.195	94.319	1.88	96.085	94.166	1.92
34	36	38	150	150	95.980	95.080	0.90	95.905	94.827	1.08
35	36	19	150	150	96.025	95.125	0.90	95.905	94.998	0.91
36	38	19	200	170	95.905	94.827	1.08	95.865	94.715	1.15
37	38	33	150	200	96.025	95.125	0.90	95.865	94.960	0.91
33	39	29	250	360	96.085	94.166	1.92	95.820	94.085	1.73
38	39	22	200	240	95.865	94.715	1.15	95.820	94.623	1.20
39	STP	10	250	360	95.820	94.085	1.73	95.820	94.058	1.76

LEGEND :		
S. No.	SYMBOL	DESCRIPTION
1.	○	SERVICE MANHOLE (800MM MM)
2.	□	MANHOLE
3.	—	SEWER LINE
4.	○	MANHOLE No.
5.	00.000	FORMATION LEVEL (FINISHED ROAD LEVEL)
6.		
7.		
8.		
9.		

- NOTES : (SEWERAGE SYSTEM)**
- THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
    - a) UPTO 800 MM DEEP 800 x 800 MM.
    - b) 900 TO 2000 MM DEEP 1200 x 900 MM.
    - c) 2000 MM & ABOVE 1800 MM DIA.
  - M.S. RINGS SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 MM.
  - THE LEVELS OF SEWER LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVEL AND FOR CERTAIN PIPE LENGTHS BETWEEN TWO MANHOLES. THE INVERT LEVEL HAS TO BE STRICTLY FOLLOWED HOWEVER THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
  - FOR ANY DISCREPANCY / OMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
  - MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES -
    - a) AT THE START OF EACH BEWER LINE.
    - b) AT EVERY LOCATION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
    - c) AT NOT MORE THAN 45 METER INTERVAL IN STRAIGHT LENGTH.
  - WHERE THE DIAMETER OF PIPE IS INCREASED THE CROWN OF THE PIPE SHALL BE AT THE SAME LEVEL AND NECESSARY SLOPE SHALL BE GIVEN IN THE INVERT OF THE MANHOLE CHAMBER.

**CLIENT**

**SPRING GARDEN**  
B-46, VIBHUTI KHAND,  
GOMTI NAGAR, LUCKNOW.

**SERVICESCONSULTANT**

**Shiv Sunder Constructions & Consultants (P) Ltd.**  
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Mob No. 9936190952  
Email : [erggmate@gmail.com](mailto:erggmate@gmail.com)

**ARCHITECT**

**dimension plus studio**  
architecture | landscape | interiors | planning |  
add: Jay Khand, Gomti Nagar, Lucknow, U.P.

**DWG TITLE**

**EXTERNAL SEWERAGE SYSTEM**

<b>DATE</b>	<b>NORTH</b>
18 nov 2018	
<b>SCALE</b>	<b>DWG NO.</b>
1:650	SPG/LOP-02
<b>CLIENT'S SIGN</b>	<b>ARCHITECT'S SIGN</b>