

SCHEDULE OF MANHOLE

Type of Manhole	Size(mm)	Shape	Depth
A	910 DIA	CIRCULAR	900 TO 1650
B	1220 DIA	CIRCULAR	1651 TO 2300
C	1520 DIA	CIRCULAR	2301 TO UP

DESIGN OF DRAINAGE SYSTEM

S.No.	Line No.	Length	PIPE SIZE (MM)	SLOPE (IN)	Ground Level(m)		Invert Level(m)		Depth(m)		
					Start	End	Start	End	Start	End	
1	D1	D2	20.0	250	300	0.900	0.900	0.000	-0.067	0.900	0.967
2	D2	D3	14.0	250	300	0.900	0.900	-0.067	-0.113	0.967	1.013
3	D3	D4	17.0	250	300	0.900	0.900	-0.113	-0.170	1.013	1.070
4	D4	D5	17.0	250	300	0.900	0.900	-0.170	-0.227	1.070	1.127
5	D5	RW-1	2.0	250	300	0.900	0.900	-0.227	-0.233	1.127	1.133
6	RW-1	D6	1.0	250	300	0.900	0.900	-0.233	-0.237	1.133	1.137
7	D6	D7	9.0	250	300	0.900	0.900	-0.237	-0.267	1.137	1.167
8	D7	D8	15.5	250	300	0.900	0.900	-0.267	-0.318	1.167	1.218
9	D8	D9	15.5	250	300	0.900	0.900	-0.318	-0.370	1.218	1.270
10	D9	D10	15.5	250	300	0.900	0.900	-0.370	-0.422	1.270	1.322
11	D10	RW-2	1.5	250	300	0.900	0.900	-0.422	-0.427	1.322	1.327
12	RW-2	D11	1.5	250	300	0.900	0.900	-0.427	-0.432	1.327	1.332
13	D11	D12	22.5	250	300	0.900	0.900	-0.432	-0.507	1.332	1.407
14	D12	D13	22.0	250	300	0.900	0.900	-0.507	-0.580	1.407	1.480
15	D13	D14	23.0	300	350	0.900	0.900	-0.580	-0.646	1.480	1.546
16	D14	RW-3	1.0	300	350	0.900	0.900	-0.646	-0.649	1.546	1.549
17	RW-3	D15	1.0	300	350	0.900	0.900	-0.649	-0.651	1.549	1.551
18	D15	D16	17.0	300	350	0.900	0.900	-0.651	-0.700	1.551	1.600
19	D16	D17	11.0	300	350	0.900	0.900	-0.700	-0.731	1.600	1.631
20	D17	D18	23.5	300	350	0.900	0.900	-0.731	-0.799	1.631	1.699
21	D18	RW-4	2.0	300	350	0.900	0.900	-0.799	-0.804	1.699	1.704
22	RW-4	D19	4.5	300	350	0.900	0.900	-0.804	-0.817	1.704	1.717
23	D19	D20	18.0	250	300	0.900	0.900	-0.817	-0.860	1.717	1.760
24	D20	D21	18.0	250	300	0.900	0.900	-0.860	-0.920	1.760	1.820
25	D21	D22	18.0	250	300	0.900	0.900	-0.920	-0.980	1.820	1.880
26	D22	D23	18.0	250	300	0.900	0.900	-0.980	-1.040	1.880	1.940
27	D23	D24	18.0	250	300	0.900	0.900	-1.040	-1.100	1.940	2.000
28	D24	D25	18.0	250	300	0.900	0.900	-1.100	-1.160	2.000	2.060
29	D25	RW-5	2.0	250	300	0.900	0.900	-1.160	-1.166	2.060	2.066
30	RW-5	D26	2.0	250	300	0.900	0.900	-1.166	-1.178	2.066	2.078
31	D26	D27	16.5	250	300	0.900	0.900	-1.178	-1.238	2.078	2.138
32	D27	D28	16.5	250	300	0.900	0.900	-1.238	-1.298	2.138	2.198
33	D28	D29	16.5	250	300	0.900	0.900	-1.298	-1.358	2.198	2.258
34	D29	D30	11.0	250	300	0.900	0.900	-1.358	-1.418	2.258	2.318
35	D30	D31	23.5	250	300	0.900	0.900	-1.418	-1.478	2.318	2.378
36	D31	RW-6	2.5	250	300	0.900	0.900	-1.478	-1.483	2.378	2.383
37	RW-6	D32	2.5	250	300	0.900	0.900	-1.483	-1.487	2.383	2.387
38	D32	D33	20.0	300	350	0.900	0.900	-1.487	-1.510	2.387	2.410
39	D33	D34	12.5	300	350	0.900	0.900	-1.510	-1.567	2.410	2.467
40	D34	D35	17.5	300	350	0.900	0.900	-1.567	-1.603	2.467	2.503
41	D35	D36	16.0	300	350	0.900	0.900	-1.603	-1.653	2.503	2.553
42	D36	D37	10.0	300	350	0.900	0.900	-1.653	-1.699	2.553	2.603
43	D37	RW-7	2.5	300	350	0.900	0.900	-1.699	-1.727	2.603	2.631
44	RW-7	D38	2.0	300	350	0.900	0.900	-1.727	-1.734	2.631	2.640
45	D38	D39	27.0	300	300	0.900	0.900	-1.734	-1.740	2.640	2.646
46	D39	D40	18.5	300	275	0.900	0.900	-1.740	-1.740	2.646	2.646
47	D40	D41	18.5	300	250	0.900	0.900	-1.740	-1.740	2.646	2.646
48	D41	D42	7.0	300	240	0.900	0.900	-1.740	-1.740	2.646	2.646
49	D42	RW-8	3.0	300	240	0.900	0.900	-1.740	-1.740	2.646	2.646
50	RW-8	D43	2.0	300	230	0.900	0.900	-1.740	-1.740	2.646	2.646
51	D43	D19	20.0	400	450	0.900	0.900	-1.122	-1.166	2.022	2.066
52	D19	OFLOW	4.0	400	330	0.900	0.900	-1.166	-1.178	2.066	2.078

LEGEND FOR PLUMBING:-

SYMBOL	DESCRIPTION
G.L	GROUND LEVEL
I.L	INVERT LEVEL
C.L	CONNECTION LEVEL
SC	SUB-SOIL CHAMBER
CB	CATCH BASIN
DMH	DRAINAGE MANHOLE
RWHP	RAIN WATER HARVESTING PIT
SR	SUMP RISER PIPE
IDP	INTERNAL DRAINAGE PIPE
SSD	SUB-SOIL DRAINAGE

REV.	DATE	DESCRIPTION	APPD.	CKD.	SIGN.

CONSULTANTS:-  
**PLUMBING & FIRE FIGHTING CONSULTANTS :-**  
 815-C, EAST OF LONI ROAD  
 SHAHADRA, DELHI-110093  
 PH: 011-22816297  
 E-mail:- pramod@pkv.co.in

ARCHITECTS:-  
**ANDLEYS ASSOCIATES PVT.LTD.**  
 ARCHITECTS  
 PLANNERS:- SOCIETY H.D.S.E.-I NEW DELHI - 110049

PROJECT:-  
**GROUP HOUSING FOR CAPITAL ATHENA AT GRATER NOIDA**

WORKING DRAWING  
 DRG. TITLE:-  
**WASTE DISPOSAL PLAN.**

DRAWN BY:-	SHYAM	NORTH
CHECKED BY:-	P.K	
SCALE:- 1:400 @A1	DRG. NO. PL-SP-DR-01	N
DATE:- 06.11.2019	REVISION NO.:- 00	

