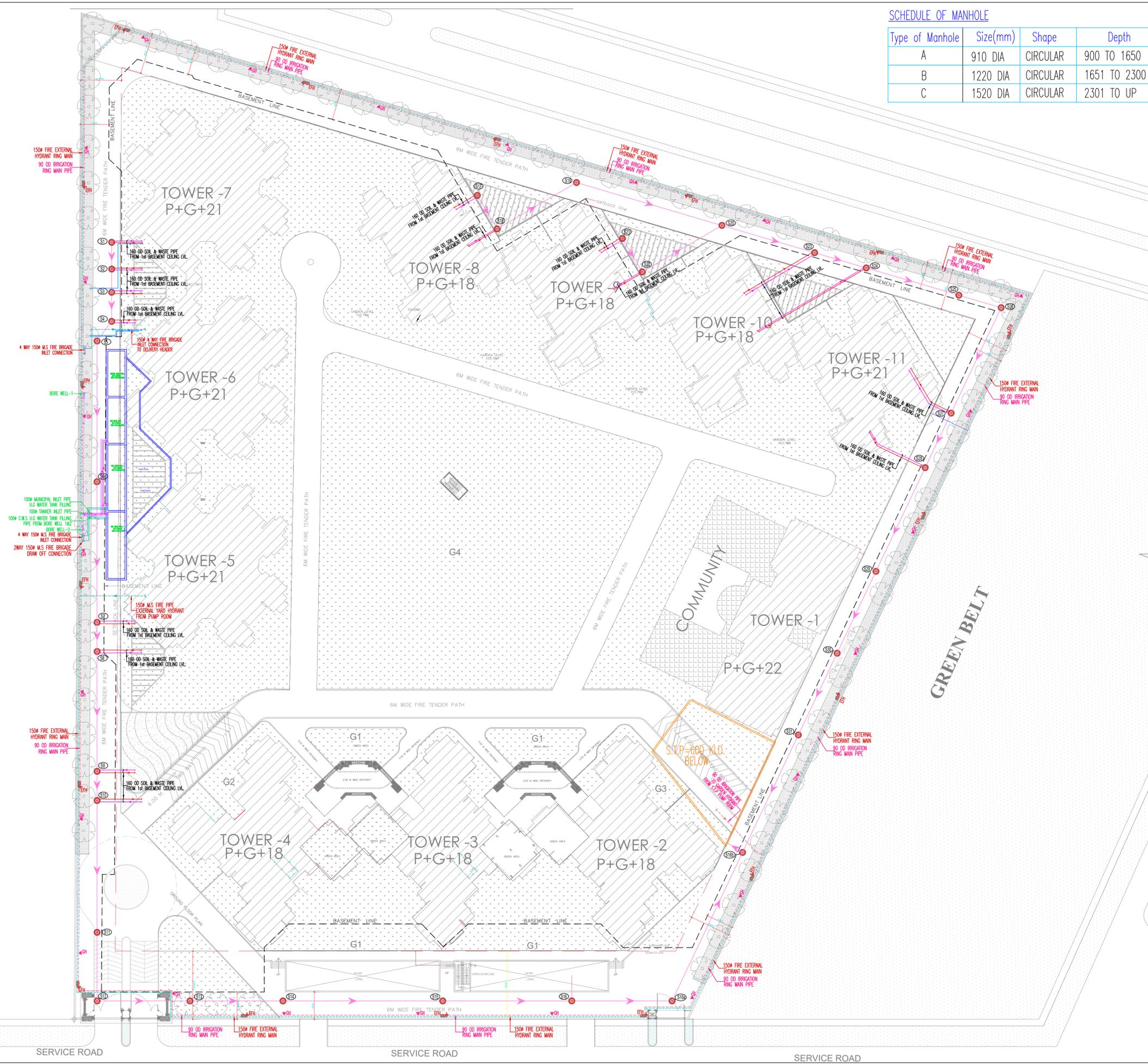


SCHEDULE OF MANHOLE

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 CHART SHOWING OF SEWERAGE SYSTEM

S.NO.	Line	Lenth	Pipe Size(mm)	Slope(1 in/mm)	Ground Level(m)		Invert Level(m)		Depth(m)		S.NO.	Line	Type of Manhole
					Start	End	Start	End	Start	End			
1.	S1	S2	5.0	250	200	0.90	-1.00	-1.03	1.900	1.925	1.	S1	B
2.	S2	S3	4.0	250	200	0.90	-1.03	-1.05	1.925	1.945	2.	S2	B
3.	S3	S4	6.0	250	200	0.90	-1.05	-1.08	1.945	1.975	3.	S3	B
4.	S4	S5	5.0	250	200	0.90	-1.08	-1.10	1.975	2.000	4.	S4	B
5.	S5	S6	30.0	250	200	0.90	-1.10	-1.25	2.000	2.150	5.	S5	B
6.	S6	S7	30.0	250	200	0.90	-1.25	-1.40	2.150	2.300	6.	S6	B
7.	S7	S8	6.0	250	200	0.90	-1.40	-1.43	2.300	2.330	7.	S7	C
8.	S8	S9	26.0	250	200	0.90	-1.43	-1.56	2.330	2.460	8.	S8	C
9.	S9	S10	6.0	250	200	0.90	-1.56	-1.59	2.460	2.490	9.	S9	C
10.	S10	S11	28.0	250	200	0.90	-1.59	-1.73	2.490	2.630	10.	S10	C
11.	S11	S12	14.0	250	200	0.90	-1.73	-1.80	2.630	2.700	11.	S11	C
12.	S12	S13	20.0	250	200	0.90	-1.80	-1.90	2.700	2.800	12.	S12	C
13.	S13	S14	20.0	250	200	0.90	-1.90	-2.00	2.800	2.900	13.	S13	C
14.	S14	S15	35.0	250	200	0.90	-2.00	-2.18	2.900	3.075	14.	S14	C
15.	S15	S16	25.0	250	200	0.90	-2.18	-2.30	3.075	3.200	15.	S15	C
16.	S16	S16a	22.0	250	200	0.90	-2.30	-2.41	3.200	3.310	16.	S16	C
17.	S16a	S16b	35.0	250	200	0.90	-2.41	-2.59	3.310	3.485	17.	S16a	C
18.	S17	S18	8.0	250	200	0.90	-1.00	-1.04	1.900	1.940	18.	S17	B
19.	S18	S19	20.0	250	200	0.90	-1.04	-1.14	1.940	2.040	19.	S18	B
20.	S19	S20	33.0	250	200	0.90	-1.14	-1.31	2.040	2.205	20.	S19	B
21.	S21	S22	4.0	250	200	0.90	-1.00	-1.02	1.900	1.920	21.	S21	B
22.	S22	S20	17.0	250	200	0.90	-1.02	-1.11	1.920	2.005	22.	S22	B
23.	S20	S23	21.0	250	200	0.90	-1.31	-1.41	2.205	2.310	23.	S20	B
24.	S23	S24	11.0	250	200	0.90	-1.41	-1.47	2.310	2.365	24.	S23	C
25.	S24	S25	20.0	250	200	0.90	-1.47	-1.57	2.365	2.465	25.	S24	C
26.	S25	S26	9.0	250	200	0.90	-1.57	-1.61	2.465	2.510	26.	S25	C
27.	S26	S27	25.0	250	200	0.90	-1.61	-1.74	2.510	2.635	27.	S26	C
28.	S27	S28	13.0	250	200	0.90	-1.74	-1.80	2.635	2.700	28.	S27	C
29.	S28	S29	25.0	250	200	0.90	-1.80	-1.93	2.700	2.825	29.	S28	C
30.	S29	S30	19.0	250	200	0.90	-1.93	-2.02	2.825	2.920	30.	S29	C
31.	S30	S31	19.0	250	200	0.90	-2.02	-2.12	2.920	3.015	31.	S30	C
32.	S31	S16b	28.0	250	200	0.90	-2.12	-2.26	3.015	3.155	32.	S31	C
33.	S16b	STP	4.0	300	250	0.90	-2.59	-2.60	3.485	3.501	33.	S16b	C



LEGEND FOR PLUMBING:-

SYMBOL	DESCRIPTION
G.L	GROUND LEVEL
I.L	INVERT LEVEL
C.L	CONNECTION LEVEL
(Pink line)	MUNICIPAL INLET PIPE
(Blue line)	BORE WELL INLET PIPE
(Red line)	EXTERNAL FIRE PIPE
(Green line)	IRRIGATION PIPE
(Orange line)	SOIL PIPE
(Purple line)	WASTE PIPE
(Circle with M)	MH SEWERAGE MANHOLE
(Circle with FBC)	2WAY FIRE BRIGADE DRAW OFF CONNECTION
(Circle with 4FBC)	4WAY FIRE BRIGADE INLET CONNECTION
(Circle with EFH)	EXTERNAL FIRE HYDRANT
(Circle with GH)	GARDEN HYDRANT

REV.	DATE	DESCRIPTION	APPD.	CKD.	SIGN.

CONSULTANTS:-
PLUMBING & FIRE FIGHTING CONSULTANTS :-
 815-C, EAST OF LONI ROAD
 SHAHADRA, DELHI-110093
 PH: 011-22816297
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ARCHITECTS:-
ANDLEYS ASSOCIATES PVT.LTD.
 ARCHITECTS PLANNERS ENGINEERS
 3P HOUSING SOCIETY N.D.S.E-I NEW DELHI - 110049

PROJECT:-
GROUP HOUSING FOR CAPITAL ATHENA AT GRATER NOIDA

WORKING DRAWING
 DRG. TITLE:-
EXTERNAL SITE PLAN SEWERAGE & WATER SUPPLY

DRAWN BY:- SHYAM	NORTH
CHECKED BY:- P.K	N
SCALE:- 1:400 @A1	DRG. NO:- PL-SW&WS-01
DATE:- 06.11.2019	REVISION NO:- R0