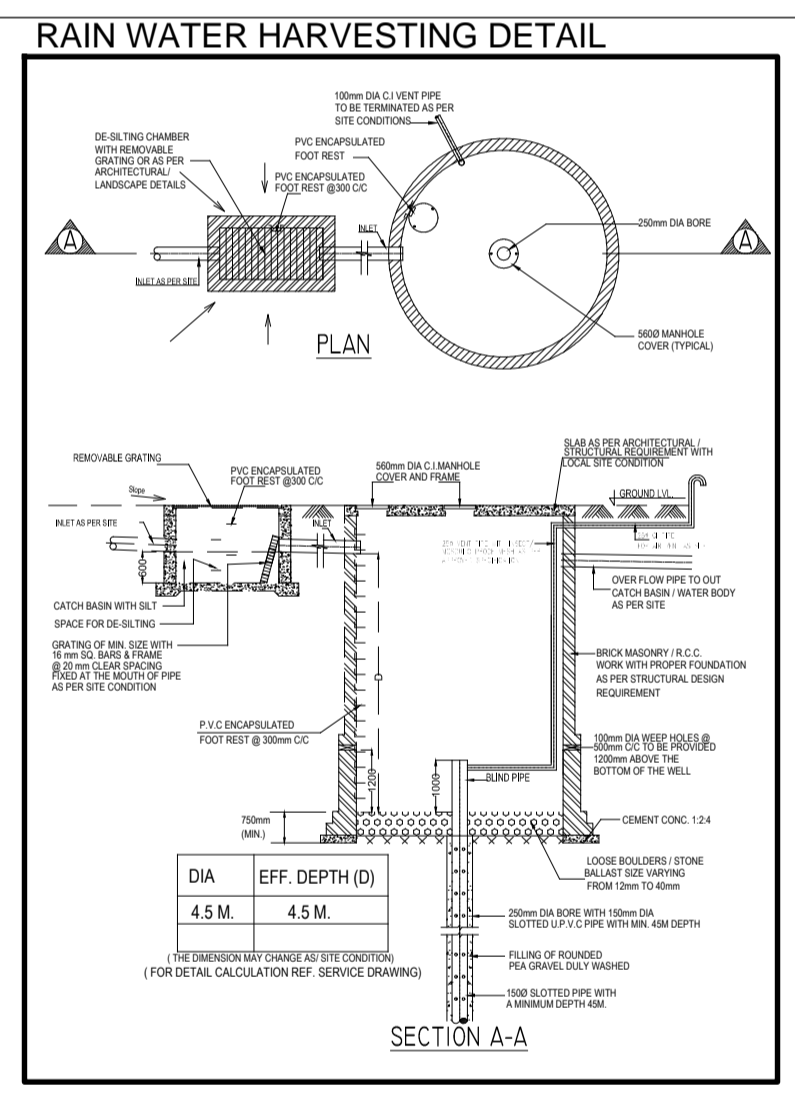


**WATER DEMAND CALCULATION**

S.NO.	NAME OF THE BUILDING	NO. OF FLOORS	TOTAL NO. OF RESIDENTS	WATER REQ. PER PERSON/DAY	TOTAL WATER REQ. PER DAY	WATER DEMAND PER DAY
1	TOWER-A	20	400	172.3	68920	32000
2	TOWER-B	20	400	172.3	68920	32000
3	TOWER-C	20	400	172.3	68920	32000
4	TOWER-D	20	400	172.3	68920	32000
5	TOWER-E	20	400	172.3	68920	32000
6	TOWER-F	20	400	172.3	68920	32000
7	TOWER-G	20	400	172.3	68920	32000
8	TOWER-H	20	400	172.3	68920	32000
9	COMMUNITY HALL	1	45	142.9	6430	3000
10	COMMUNITY HALL	1	45	142.9	6430	3000
11	COMMUNITY HALL	1	45	142.9	6430	3000
12	COMMUNITY HALL	1	45	142.9	6430	3000
13	COMMUNITY HALL	1	45	142.9	6430	3000
14	COMMUNITY HALL	1	45	142.9	6430	3000
15	COMMUNITY HALL	1	45	142.9	6430	3000
16	COMMUNITY HALL	1	45	142.9	6430	3000
17	COMMUNITY HALL	1	45	142.9	6430	3000
18	COMMUNITY HALL	1	45	142.9	6430	3000
19	COMMUNITY HALL	1	45	142.9	6430	3000
20	COMMUNITY HALL	1	45	142.9	6430	3000
21	COMMUNITY HALL	1	45	142.9	6430	3000
22	COMMUNITY HALL	1	45	142.9	6430	3000
23	COMMUNITY HALL	1	45	142.9	6430	3000
24	COMMUNITY HALL	1	45	142.9	6430	3000
25	COMMUNITY HALL	1	45	142.9	6430	3000
26	COMMUNITY HALL	1	45	142.9	6430	3000
27	COMMUNITY HALL	1	45	142.9	6430	3000
28	COMMUNITY HALL	1	45	142.9	6430	3000
29	COMMUNITY HALL	1	45	142.9	6430	3000
30	COMMUNITY HALL	1	45	142.9	6430	3000
31	COMMUNITY HALL	1	45	142.9	6430	3000
32	COMMUNITY HALL	1	45	142.9	6430	3000
33	COMMUNITY HALL	1	45	142.9	6430	3000
34	COMMUNITY HALL	1	45	142.9	6430	3000
35	COMMUNITY HALL	1	45	142.9	6430	3000
36	COMMUNITY HALL	1	45	142.9	6430	3000
37	COMMUNITY HALL	1	45	142.9	6430	3000
38	COMMUNITY HALL	1	45	142.9	6430	3000
39	COMMUNITY HALL	1	45	142.9	6430	3000
40	COMMUNITY HALL	1	45	142.9	6430	3000
41	COMMUNITY HALL	1	45	142.9	6430	3000
42	COMMUNITY HALL	1	45	142.9	6430	3000
43	COMMUNITY HALL	1	45	142.9	6430	3000
44	COMMUNITY HALL	1	45	142.9	6430	3000
45	COMMUNITY HALL	1	45	142.9	6430	3000
46	COMMUNITY HALL	1	45	142.9	6430	3000
47	COMMUNITY HALL	1	45	142.9	6430	3000
48	COMMUNITY HALL	1	45	142.9	6430	3000
49	COMMUNITY HALL	1	45	142.9	6430	3000
50	COMMUNITY HALL	1	45	142.9	6430	3000
51	COMMUNITY HALL	1	45	142.9	6430	3000
52	COMMUNITY HALL	1	45	142.9	6430	3000
53	COMMUNITY HALL	1	45	142.9	6430	3000
54	COMMUNITY HALL	1	45	142.9	6430	3000
55	COMMUNITY HALL	1	45	142.9	6430	3000
56	COMMUNITY HALL	1	45	142.9	6430	3000
57	COMMUNITY HALL	1	45	142.9	6430	3000
58	COMMUNITY HALL	1	45	142.9	6430	3000
59	COMMUNITY HALL	1	45	142.9	6430	3000
60	COMMUNITY HALL	1	45	142.9	6430	3000
61	COMMUNITY HALL	1	45	142.9	6430	3000
62	COMMUNITY HALL	1	45	142.9	6430	3000
63	COMMUNITY HALL	1	45	142.9	6430	3000
64	COMMUNITY HALL	1	45	142.9	6430	3000
65	COMMUNITY HALL	1	45	142.9	6430	3000
66	COMMUNITY HALL	1	45	142.9	6430	3000
67	COMMUNITY HALL	1	45	142.9	6430	3000
68	COMMUNITY HALL	1	45	142.9	6430	3000
69	COMMUNITY HALL	1	45	142.9	6430	3000
70	COMMUNITY HALL	1	45	142.9	6430	3000
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72	COMMUNITY HALL	1	45	142.9	6430	3000
73	COMMUNITY HALL	1	45	142.9	6430	3000
74	COMMUNITY HALL	1	45	142.9	6430	3000
75	COMMUNITY HALL	1	45	142.9	6430	3000
76	COMMUNITY HALL	1	45	142.9	6430	3000
77	COMMUNITY HALL	1	45	142.9	6430	3000
78	COMMUNITY HALL	1	45	142.9	6430	3000
79	COMMUNITY HALL	1	45	142.9	6430	3000
80	COMMUNITY HALL	1	45	142.9	6430	3000
81	COMMUNITY HALL	1	45	142.9	6430	3000
82	COMMUNITY HALL	1	45	142.9	6430	3000
83	COMMUNITY HALL	1	45	142.9	6430	3000
84	COMMUNITY HALL	1	45	142.9	6430	3000
85	COMMUNITY HALL	1	45	142.9	6430	3000
86	COMMUNITY HALL	1	45	142.9	6430	3000
87	COMMUNITY HALL	1	45	142.9	6430	3000
88	COMMUNITY HALL	1	45	142.9	6430	3000
89	COMMUNITY HALL	1	45	142.9	6430	3000
90	COMMUNITY HALL	1	45	142.9	6430	3000
91	COMMUNITY HALL	1	45	142.9	6430	3000
92	COMMUNITY HALL	1	45	142.9	6430	3000
93	COMMUNITY HALL	1	45	142.9	6430	3000
94	COMMUNITY HALL	1	45	142.9	6430	3000
95	COMMUNITY HALL	1	45	142.9	6430	3000
96	COMMUNITY HALL	1	45	142.9	6430	3000
97	COMMUNITY HALL	1	45	142.9	6430	3000
98	COMMUNITY HALL	1	45	142.9	6430	3000
99	COMMUNITY HALL	1	45	142.9	6430	3000
100	COMMUNITY HALL	1	45	142.9	6430	3000

- LEGEND**
- 1 150 MM Ø SWP
  - 2 100 MM Ø WWP
  - 3 150 MM Ø RWP
  - 4 50 MM Ø GIP UP F.W.S
  - 5 50 MM Ø GIP DN D.W.S
  - 6 40 MM Ø RVC
  - 7 1200 MM Ø RVC
  - 8 MAIN SEWER PIPE
  - 9 300 MM Ø RVC
  - 10 BAIN WATER PIPE
  - 11 RAINING WATER
  - 12 SUPPLY TANK



**NOTE:**

- 1) WATER HARVESTING**  
Certified that the building shall satisfy the water harvesting requirements as well as minimum anticipated discharge of water. Water more than 10,000 ltrs. or above per day shall incorporate waste water recycling system. Recycled water should be used for Horticulture purpose.
- 2) STRUCTURE STABILITY**  
Certified that the structural parts of the building have been designed by us on the basis of calculations and are considered safe and in accordance with the permissible stresses and slenderness ratio laid down by the bye-laws. The building is quite safe from earthquake point of view.
- 3) FIRE SAFETY**  
We shall provide proper fire safety measures as per the rules of 1965 / NBC
- 4) SOLAR WATER HEATING**  
We shall provide solar water heating system as per norms specified by hareda

- LEGEND FOR PLUMBING**
- MANHOLE FOR DRAINAGE
  - MANHOLE FOR SEWERAGE
  - G.L..... GROUND LEVEL.
  - I.L..... INVERT LEVEL.
  - C.L..... CONNECTION LEVEL.
  - M..... METRE
  - L..... LENGTH
  - B.F.V..... BUTTER FLY VALVE
  - C.V..... CHECK/NON-RETURN VALVE

**SERVICE PLAN**

Project: PROPOSE BUILDING PLAN OF AFFORDABLE GROUP HOUSING COLONY AREA MEASURING 5.40347 ACRE (LICENCE NO.- 31 OF 2019 DATED- 01-03-2019) IN THE REVENUE ESTATE OF VILLAGE DAULATPUR & TRIKAMPUR SECTOR-103 GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY MAHIRA BUILDTech PRIVATE LIMITED & OTHERS.

Client: Mahira Buildtech Pvt. Ltd. and others.

Architects: GAUTAM & GAUTAM ASSOCIATES

ARCHITECT'S SIGNATURE: \_\_\_\_\_ OWNER SIGNATURE: \_\_\_\_\_

Scale: 1:300  
Date: MAR-2019