

LEGEND	DESCRIPTION
SH	FIRE HYDRANT SYSTEM PER MAIN
SH	SINGLE HANDED HYDRANT VALVE
SH	SURGE VALVE
SH	TWO WAY JAMME CONNECTION
SH	RES. OF DIOP
SH	NON RETURN VALVE
SH	REDUCER
SH	FIRE HOSE JOX
SH	HOSE REEL HOUSE
SH	DO-1 & CO-2

PARCELLING WELL

PLOT AREA = 2913.00 SQ. MT
REQUIRED P.W. = 2913.00 / 4000.00 = 1 NOS P.W.
REQ. 1 NOS. P.W.

RESIDENCE - C.B. REQUIRED CALCULATION
DUST BIN REQUIRED 10 TIS / 1 RES UNIT
PROV. 1 NOS BIN EACH 80 LIT CAPACITY
PROV. 2 NOS BIN EACH 80 LIT CAPACITY

TREE PLANTATION:
PLOT AREA = 2913.00 SQ. MT
REQUIRED: 3 NOS TREE / 200.00 SQ. MT = 43.70 SAY 44 NOS
PROVIDED: 44 NOS TREE

COMMERCIAL - C.B. REQUIRED CALCULATION

TOTAL FLOOR AREA = 579.81 SQ. MT
REQ. 579.81 X 20 / 100 = 115.96, SAY 116 TIS
PROV. 2 NOS BIN EACH 80 LIT CAPACITY

COMMON PLOT AREA CAL

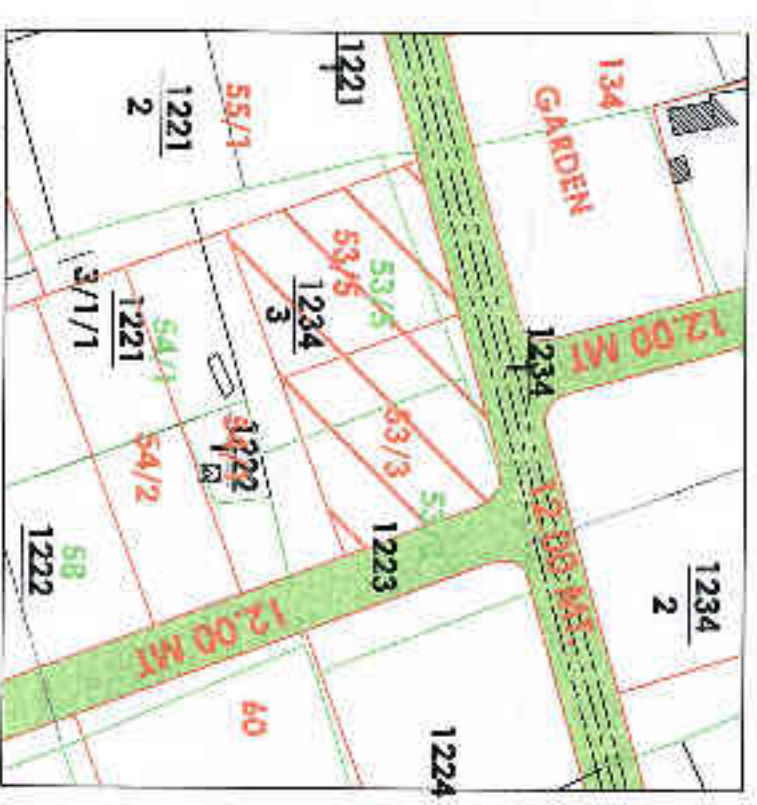
NET COMMON PLOT AREA = 259.76 SQ. MT

SANITARY CALCULATION

(BLOCK-A = 316.11 + BLOCK-B = 263.70) = 579.81 SQ. MT
TOTAL FLOOR AREA OF THE COMM. BLDG. = 579.81 SQ. MT
TOTAL PERSON = 579.81 / 4 = 144.95 SAY 145 PERSON

10-400 PERSON
1 W.C. PER 50 PERSON REQ. PER GENDER
REQUIRED 3 W.C. FOR MALE AND 3 W.C. FOR FEMALE
PROVIDED 18 TOILET IN INDIVIDUAL SHOP
REQ. 1 MALE USER 30 MALE USERS
REQ. 1 FEMALE USER 30 FEMALE USERS
PROVIDED 3 TOILETS

USE OF PLANTATION
1. RES. OF PLANTATION PROVIDED AT GROUND LV. FOR WASH BASIN AND DRINKING WATER.
2. 25% OF TOTAL REQ.
REQ. 1 W.C. PER EACH GENDER
PROV. 1 W.C. EACH GENDER

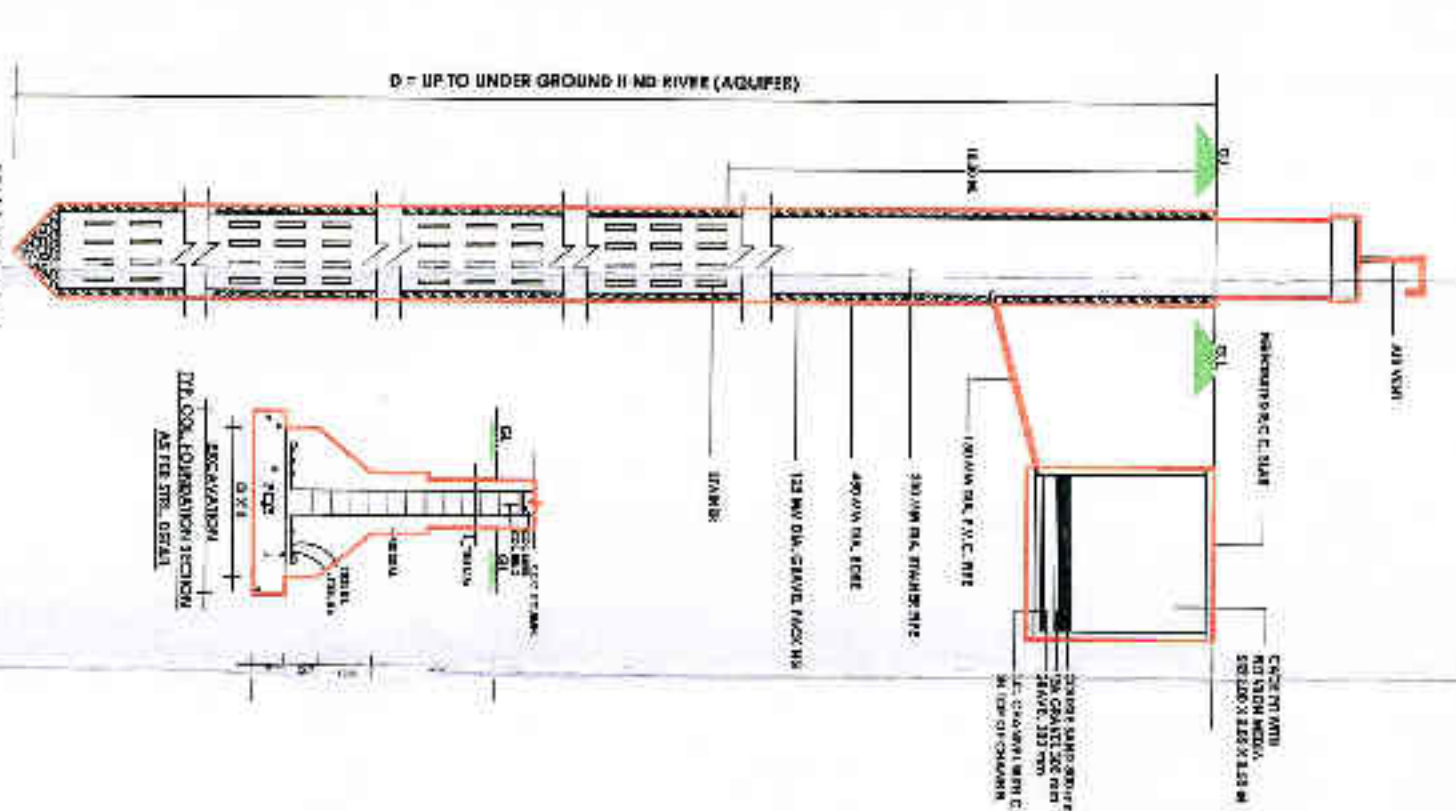


KEY PLAN
SCALE: 1:00 CM = 20.00 MT

DATE	TIME	NO. OF	USED	CHANGIBLE
01.07.2021	10.00	1.00	1.00	0.00
02.07.2021	10.00	1.00	1.00	0.00
03.07.2021	10.00	1.00	1.00	0.00
04.07.2021	10.00	1.00	1.00	0.00
05.07.2021	10.00	1.00	1.00	0.00
06.07.2021	10.00	1.00	1.00	0.00
07.07.2021	10.00	1.00	1.00	0.00
08.07.2021	10.00	1.00	1.00	0.00
09.07.2021	10.00	1.00	1.00	0.00
10.07.2021	10.00	1.00	1.00	0.00
11.07.2021	10.00	1.00	1.00	0.00
12.07.2021	10.00	1.00	1.00	0.00
13.07.2021	10.00	1.00	1.00	0.00
14.07.2021	10.00	1.00	1.00	0.00
15.07.2021	10.00	1.00	1.00	0.00
16.07.2021	10.00	1.00	1.00	0.00
17.07.2021	10.00	1.00	1.00	0.00
18.07.2021	10.00	1.00	1.00	0.00
19.07.2021	10.00	1.00	1.00	0.00
20.07.2021	10.00	1.00	1.00	0.00
21.07.2021	10.00	1.00	1.00	0.00
22.07.2021	10.00	1.00	1.00	0.00
23.07.2021	10.00	1.00	1.00	0.00
24.07.2021	10.00	1.00	1.00	0.00
25.07.2021	10.00	1.00	1.00	0.00
26.07.2021	10.00	1.00	1.00	0.00
27.07.2021	10.00	1.00	1.00	0.00
28.07.2021	10.00	1.00	1.00	0.00
29.07.2021	10.00	1.00	1.00	0.00
30.07.2021	10.00	1.00	1.00	0.00
31.07.2021	10.00	1.00	1.00	0.00
32.07.2021	10.00	1.00	1.00	0.00
33.07.2021	10.00	1.00	1.00	0.00
34.07.2021	10.00	1.00	1.00	0.00
35.07.2021	10.00	1.00	1.00	0.00
36.07.2021	10.00	1.00	1.00	0.00
37.07.2021	10.00	1.00	1.00	0.00
38.07.2021	10.00	1.00	1.00	0.00
39.07.2021	10.00	1.00	1.00	0.00
40.07.2021	10.00	1.00	1.00	0.00
41.07.2021	10.00	1.00	1.00	0.00
42.07.2021	10.00	1.00	1.00	0.00
43.07.2021	10.00	1.00	1.00	0.00
44.07.2021	10.00	1.00	1.00	0.00
45.07.2021	10.00	1.00	1.00	0.00
46.07.2021	10.00	1.00	1.00	0.00
47.07.2021	10.00	1.00	1.00	0.00
48.07.2021	10.00	1.00	1.00	0.00
49.07.2021	10.00	1.00	1.00	0.00
50.07.2021	10.00	1.00	1.00	0.00
51.07.2021	10.00	1.00	1.00	0.00
52.07.2021	10.00	1.00	1.00	0.00
53.07.2021	10.00	1.00	1.00	0.00
54.07.2021	10.00	1.00	1.00	0.00
55.07.2021	10.00	1.00	1.00	0.00
56.07.2021	10.00	1.00	1.00	0.00
57.07.2021	10.00	1.00	1.00	0.00
58.07.2021	10.00	1.00	1.00	0.00
59.07.2021	10.00	1.00	1.00	0.00
60.07.2021	10.00	1.00	1.00	0.00
61.07.2021	10.00	1.00	1.00	0.00
62.07.2021	10.00	1.00	1.00	0.00
63.07.2021	10.00	1.00	1.00	0.00
64.07.2021	10.00	1.00	1.00	0.00
65.07.2021	10.00	1.00	1.00	0.00
66.07.2021	10.00	1.00	1.00	0.00
67.07.2021	10.00	1.00	1.00	0.00
68.07.2021	10.00	1.00	1.00	0.00
69.07.2021	10.00	1.00	1.00	0.00
70.07.2021	10.00	1.00	1.00	0.00
71.07.2021	10.00	1.00	1.00	0.00
72.07.2021	10.00	1.00	1.00	0.00
73.07.2021	10.00	1.00	1.00	0.00
74.07.2021	10.00	1.00	1.00	0.00
75.07.2021	10.00	1.00	1.00	0.00
76.07.2021	10.00	1.00	1.00	0.00
77.07.2021	10.00	1.00	1.00	0.00
78.07.2021	10.00	1.00	1.00	0.00
79.07.2021	10.00	1.00	1.00	0.00
80.07.2021	10.00	1.00	1.00	0.00
81.07.2021	10.00	1.00	1.00	0.00
82.07.2021	10.00	1.00	1.00	0.00
83.07.2021	10.00	1.00	1.00	0.00
84.07.2021	10.00	1.00	1.00	0.00
85.07.2021	10.00	1.00	1.00	0.00
86.07.2021	10.00	1.00	1.00	0.00
87.07.2021	10.00	1.00	1.00	0.00
88.07.2021	10.00	1.00	1.00	0.00
89.07.2021	10.00	1.00	1.00	0.00
90.07.2021	10.00	1.00	1.00	0.00
91.07.2021	10.00	1.00	1.00	0.00
92.07.2021	10.00	1.00	1.00	0.00
93.07.2021	10.00	1.00	1.00	0.00
94.07.2021	10.00	1.00	1.00	0.00
95.07.2021	10.00	1.00	1.00	0.00
96.07.2021	10.00	1.00	1.00	0.00
97.07.2021	10.00	1.00	1.00	0.00
98.07.2021	10.00	1.00	1.00	0.00
99.07.2021	10.00	1.00	1.00	0.00
100.07.2021	10.00	1.00	1.00	0.00

Sr.	Dwelling Unit Type	No. Of Unit	Used	% USED F.S.I.	Changible F.S.I.
A	COMMERCIAL UNIT	18	579.81	7.46	55.47
B	Up 50 sq mt	147	7197.40	92.54	2478.34
C	more than 50 and up to 60	0	0.00	0.00	0.00
D	more than 60 and up to 80	0	0.00	0.00	0.00
	Grand Total	165	7777.21	100.00	2533.81

BLOCK	CONSUME F.S.I.	Prop. Chng. F.S.I.	Prop. Chng. F.S.I.	Prop. Chng. F.S.I.	Prop. Chng. F.S.I.
A	316.11	2621.02	2737.13	30.24	833.65
B+C	263.70	4775.38	5040.08	25.23	1644.69
TOTAL	579.81	7197.40	7777.21	55.47	2478.34



SECTIONAL ELEVATION

NOTES:

- 1. ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- 2. THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINS SHALL BE VERIFIED BY THE SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- 3. IT IS CERTAIN THAT ACCORDING TO G.O.C.R. 2021 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- 4. THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
- 5. DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE INDIAN STANDARDS.
- 6. THE CLAUSE NO. 23.1.12 AND 24.6 OF THE G.O.C.R. 2021.
- 7. WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF THE G.O.C.R. 2021.
- 8. WATER TANK FOR THE SAFETY REQUIREMENT PROVIDED AS PER CLAUSE NO. 23.11 OF G.O.C.R. 2021.
- 9. WATER TANK FOR THE SAFETY REQUIREMENT PROVIDED AS PER CLAUSE NO. 24 OF G.O.C.R. 2021.
- 10. DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF G.O.C.R. 2021.
- 11. SIGNALS NO. 23.7 OF THE G.O.C.R. 2021.
- 12. THE STRUCTURE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF G.O.C.R. 2021.
- 13. IN THE INDIAN STANDARD AND TAKE NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- 14. COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF G.O.C.R. 2021.
- 15. FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 29 OF G.O.C.R. 2021.
- 16. MAINTENANCE AND UP GRADATION OF BUILDING IS AS PER CHAPTER NO. 29 OF G.O.C.R. 2021.

FLOOR	USE	UNIT	TOTAL
GROUND	PARK-COMM. PARK-COMM.	08	10
1st Fl.	RESIDENCE	07	14
2nd Fl.	RESIDENCE	07	14
3rd Fl.	RESIDENCE	07	14
4th Fl.	RESIDENCE	07	14
5th Fl.	RESIDENCE	07	14
6th Fl.	RESIDENCE	07	14
7th Fl.	RESIDENCE	07	14
TOTAL	RESIDENCE	08+49	18+147

BUILT UP AREA TABLE	BLOCK-A	BLOCK-B+C	TOTAL
PROP. BUILT UP AREA ON GROUND (PARK)	146.95	578.78	725.73
PROP. BUILT UP AREA ON GROUND (COMM.)	316.11	263.70	579.81
PROP. BUILT UP AREA ON 1st FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 2nd FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 3rd FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 4th FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 5th FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 6th FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON 7th FLOOR	400.75	778.05	1178.80
PROP. BUILT UP AREA ON STAIR CRAIN	44.21	40.97	107.18
PROP. BUILT UP AREA ON L.V. ROOM	36.82	47.79	84.61
TOTAL BUILT UP AREA	3351.04	6537.57	9888.63

PLOT BOUNDARY	TREE PLANTATION	DUST BIN	SPRINKLER
ROAD	PROF. DRAINAGE	PROF. DRAINAGE	PROF. DRAINAGE
P.W.	PROF. DRAINAGE	PROF. DRAINAGE	PROF. DRAINAGE



LAYOUT PLAN
SCALE: 1:00 CM = 2.00 MT

OWNER: TORQUE ENGINEERS
RAHIMNAGAR, AHMEDABAD-380 015.
DEV. 250020320

ENGINEER: KUNAL K. ANSARY (B.E. CIVIL)
CONSULTING CIVIL ENGINEER
112, DEVPATH, B/H LAL BUNGLOW,
C.G. ROAD, AHMEDABAD-380006
ENG. LIC. NO. :- ENG598010316481

ST. ENGINEER: NITIN J. PATEL
A.M.C. LIC. NO. 144591019
A.M.C. LIC. NO. 144591019
RAMP, AHMEDABAD-382 481

DEVELOPER: TORQUE ENGINEERS
RAHIMNAGAR, AHMEDABAD-380 015.
DEV. 250020320

NOTES:

1. THE LAYOUT PLAN IS PREPARED AS PER THE REQUIREMENTS OF THE G.O.C.R. 2021.
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66. THE LAYOUT PLAN IS PREPARED AS PER THE REQUIREMENTS OF THE G.O.C.R. 2

