LAYOUT PLAN

SHEET NO.:- 01/16

REVISE PLAN SHOWING COMMERCIAL+RESIDENTIAL BUILDING ON S.P. NO. 1 OF F.P.NO.:- 63, OF T.P.S. NO. 109 (MUTHIYA-HANSPURA-BILASIYA) (FINAL SANCTION) [REVENUE BLOCK NO.:- 86/A/1P1 , 86/A/2P1 , 86/B, (O.P.NO.:- 63), OF MOJE : HANSPURA, TALUKA.:- ASARVA, DISTRICT : AHMEDABAD.]

BLOCK:- A

SCALE : 1 CM = 2.00 MT

ZONE AS PER RDP-2021 : RESIDENTIAL ZONE -I (ONE) (R1)

USE : COMMERCIAL(MERCANTILE-1) +RESIDENTIAL (DWALLING-3) (MIX USE)

NOTES RELATED TO FIRE SAFETY

The basic requiremenns for fire protection Highrise buildings.

1) Hydrant system

ON\OFF switches located near the hose reel hose or hydrant outlet, at each floor for the main fire-pump at the underground water tank with a capacity to discharge 900 lit per min at 3 bar. pressure as measured at the terrace level should be installed.

the riser for the buildings exceeding 18 meters height should not be of less than 100mm internal diameter. The riser should be connected to the bottom of the terras tank with a stop valve and a NRV to act as a Down-comer.

one riser is required for every 1000sq. meters floor area and if the building is divided into, two or more parts then each part should have a separate riser with all the fittings at floor level.

Each floor should have one hydrant outlet with a coupling for attaching a 63mm. dia. hose.& 25mm. bore hose-reel hose with 8mm.SS shut-off nozzle at each floor landing. The length of the hose reel hose should be enough to reach the farthest corner of the floor. hose-box with 15 meters long 63mm. dia. hose and 12.5mm. bore nozzle at alternate floors. The hose-reel hose should be coupled to the riser.

Fire-servis inlet should be installed at a point near the entry to the premises where a fire service vehicle can approach easily.

A permanet hydrant point comprising of 63 mm.dia size 2nos of hydrant valves should be installed at the terrace level.

overhead tank refilling bypass connection should be done at the terrace level.

The overhead tank shall be of a capacity of not less than 20,000 liters.

The underground tank shall be of not less than 1,00,000 liters.

2) Fire lift:

The fire-lift and all lifts should have a provision to ground automatically in case of electricity failure. each building should have at least one lift as a fire-lift and if the building is divided into two or more part than each part should have a fire-Lift.Lift-well should have blowers to pressurize the lift-well so connected that it will automatically operate when alarm call point is operated, so that it prevents the lift well getting smoke logged.

3) Fire alarm:

Fire alarm call point to be installed at each floor with sounders capabel of being heard all throughout the building.

4)Fire Extinguishers:

one Carbon Dioxide (CO2) type extinguisher of 4.5kg.with ISI mark. and one extinguisher of 5kg. Dry chemical powder (DCP) type extinguisher with ISI mark to be installed on each-floor in case of commercial building

One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with ISI mark. OR Two carbon Dioxide (Co2) type extinguisher of 2kg. with ISI mark capacity on alternate floors in case of residential building.

if the building is divided into two or more parts then each part should have these extinguishers installed.

5)staircase:

The staircase has to be oppen from at least one or two side but if the staircase is in the center core of the building it has to be pressuirize to prevent it getting smoke logged.

6) Basement:

The basement of 200sq. meter or more should be protected with; Autometic sprinkler system with at least one sprinkle head for actual a car parkang space.

Additionally be protected by a Hydrant outlet and two 25mm. bore hose-reel hoses with 8 mm. bore nozzles at each basement level.

7) Lightening arrester:

A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

8) Photo luminescent (auto glow) signage's:

If the building falls in a confined area or if it has an enclosed staircase or is not well lit-up on the inside, then adequate photo luminescent (auto glow) signage's should be displayed at each floor / landing / pathway / dead-end along all exit routes leading to the ground level. The signage should indicate fire fighting, fire safety equipment present on the respective floor/landing/pathway/dead-end and along all exit routes leading to the ground level.

9) Electric power supply to the entire fire-safety system:

Electricity supply to the fire pump, fire alarm system, staircase pressurization system and fire lift should be made available from the main electrical supply. (i.e. from electrical power supply of the company) This is to ensure availability of power supply to the fire protection & safety even after the main electrical supply to the building is switched off at the time of fire.

10) Individual fire sefty system:

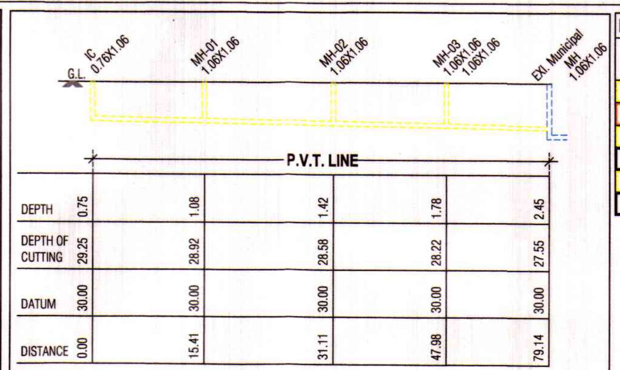
Fire sefty system should be provided in individual show room by owner.

Important Instructions:

After inspection of a low rise building by the fire service authority, if the fire officer concerned feels the need for additional fire prevention/protection measure /ventilation system required or equipment(i.e. - passive system/ suppression system / fire door - window / detection system / active system / sprinkler/ drencher etc.) as per fire load / firerick / public gathering. potential / occupancy / confined area, those additional measures / equipment have to be implemented / installed.

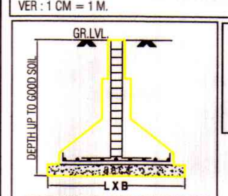
GENERAL NOTES RELATED TO CGDCR:- 2017

- IT IS CERTIFIED THAT PLOT UNDER REFERENCE IS SURVEYED BY ME AND THE DIMENSIONS OF ALL SIDES OF PLOT AND PLOT AREA AS SHOWN IN PLAN ARE MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/REVENUE RECORD.
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN MARGINAL SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MANHOLE IS VERIFIED BY ME ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R.-2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.4.3 OF THE C.G.D.C.R.-2017, THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.1.11 AND 13.1.13 OF C.G.D.C.R.-2017
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.1.14 OF C.G.D.C.R.-2017.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.6 OF C.G.D.C.R.-2017
- LETTER BOX FOR EACH UNIT SHALL BE PROVIDED AT GROUND FLOOR LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY ACT-2016
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.13.11 OF C.G.D.C.R-2017
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 13.6.2 OF C.G.D.C.R.-2017
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.100F C.G.D.C.R.-2017
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.7 OF C.G.D.C.R.-2017
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO.13.1.6 OF C.G.D.C.R.-2017
- THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO.13.1.3 OF C.G.D.C.R.-2017
- THE STRUCTURAL DESIGN OF BUILDING IS AS PER NORMS OF SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.2 OF C.G.D.C.R-2017
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.2.4 & 17.2.5 OF C.G.D.C.R-2017
- GREY WATER RECYCLING SYSTEM & DUAL PLUMBING SYSTEM IS PROVIDED AS PER THE CLAUSE NO.17.3 OF C.G.D.C.R-2017
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO.17.4 OF C.G.D.C.R-2017
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER 14 OF C.G.D.C.R-2017
- FIRE SAFETY PROVISION SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2013
- MAINTENANCE AND UPGRADATION OF BUILDING IS AS PER CHAPTER NO.19 OF C.G.D.C.R-2017
- MARGINAL SPACE& BASEMENT SLAB SHALL HAVE LOAD BEARING CAPACITY OF 45 TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO.14 OF C.G.D.C.R.-2017 AND FIRE PREVENTION AND FIRE SAFETY ACT-2016
- ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO.17.5.1 OF C.G.D.C.R.-2017



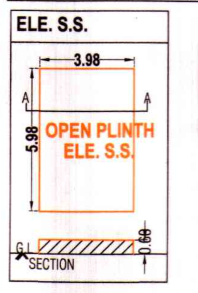
CHANNEL FOR DRAINAGE SECTION 1

SCALE : HOR : 1 CM = 5 M.
VER : 1 CM = 1 M.



R.C.C. COLUMN FOOTING SECTION AS PER STRUCTURAL DESIGN

ELE. S.S.



BUILDING HEIGHT TABLE

BLOCK	HEIGHT OF BUILDING (GR. TO TOP FLOOR)	TOTAL HEIGHT
		-
A	44.94	49.23
A	59.64	65.92
B	44.94	49.23
B	59.64	65.92
C	44.94	49.23
C	59.64	65.92

SANITARY CALC. FOR SHOP (COMM.)

REQ. SANITARY 4.00 SQ MT CARPET AREA = 1 PERSONS
TOTAL CARPET AREA =1392.18 SMT.
1392.18/04 = 348.04 PERSONS (175LADIES -175GENTS)
SAY =349 PERSONS

REQ. SANITARY	PROVI. SANITARY
100 Person 1 W.c. & Urinal	Provi. 1 Toi.for Each Unit
349/100=3.49 Say =4	Total Provide 21 Nos.
1.00 Male wc &1.00 Female wc	General 03 Nos.
One Toilet Provided In Each Shop	
25 % Sanitary For General Public	
Urinal = 4 X 0.25 = 1.00 Say = 01 For Male	
W.c = 4 X 0.25 = 1.00 Say = 01 For Female	
One Special Toilet For Handicap Person 1 NOS. Provide	

NOTES :- ELECTRIC METER ROOM AS PER CGDCR 2017 CLAUSE NO. :- 6.3.2 (4 - c)

IN CASE OF ELECTRIC METER ROOM PROVIDED IN HOLLOW PLINTH AND IF THE TOTAL AREA DOES NOT EXCEED 50.0 SQ.MT. THIS AREA SHALL NOT BE CONSIDERED TOWARDS COMPUTATION OF FSI.

FLOOR AREA TABLE :-

FLOOR	APPROVED BLOCK :- A USE COMM.	USE RESI.	USE TOTAL	AREA COMM.	AREA RESI.	AREA TOTAL	REVISED BLOCK :- A UNIT COMM.	UNIT RESI.	UNIT TOTAL	AREA COMM.	AREA RESI.	AREA TOTAL	APPROVED BLOCK :- B USE RESI.	AREA RESI.	REVISED BLOCK :- B UNIT RESI.	AREA RESI.	APPROVED BLOCK :- C USE RESI.	AREA RESI.	REVISED BLOCK :- C UNIT RESI.	AREA RESI.	TOTAL REVISE UNIT COMM.	UNIT RESI.	UNIT TOTAL	AREA COMM.	AREA RESI.	AREA TOTAL
GR. FLOOR (S.P.)	07	-------	07	478.55	-------	478.55	07	-------	07	448.74	-------	448.74	---	-------	-------	-------	-------	-------	-------	-------	07	-------	07	448.74	-------	448.74
1st. FLOOR	07	---	07	471.36	480.82	952.18	07	02	09	471.72	273.72	745.44	04	705.56	04	536.53	04	878.45	04	704.07	07	10	17	471.72	1514.32	1986.04
2nd. FLOOR	07	02	09	448.05	422.36	870.41	07	02	09	471.72	289.70	761.42	04	705.56	04	536.53	04	878.45	04	704.07	07	10	17	471.72	1530.30	2002.02
3rd. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
4th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
5th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.86	537.86	04	705.56	04	536.98	04	878.45	04	704.61	-------	12	12	-------	1779.45	1779.45
6th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
7th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.86	537.86	04	705.56	04	536.98	04	878.45	04	704.61	-------	12	12	-------	1779.45	1779.45
8th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
9th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
10th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
11th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
12th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.86	537.86	04	705.56	04	536.98	04	878.45	04	704.61	-------	12	12	-------	1779.45	1779.45
13th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
14th. FLOOR	-------	04	04	-------	705.56	705.56	-------	04	04	-------	537.41	537.41	04	705.56	04	536.53	04	878.45	04	704.07	-------	12	12	-------	1778.01	1778.01
15th. FLOOR	-------	---	---	-------	-------	-------	-------	04	04	-------	537.41	537.41	---	-------	04	536.53	---	-------	04	704.07	-------	12	12	-------	1778.01	1778.01
16th. FLOOR	-------	---	---	-------	-------	-------	-------	04	04	-------	537.41	537.41	---	-------	04	536.53	---	-------	04	704.07	-------	12	12	-------	1778.01	1778.01
17th. FLOOR	-------	---	---	-------	-------	-------	-------	04	04	-------	537.86	537.86	---	-------	04	536.98	---	-------	04	704.61	-------	12	12	-------	1779.45	1779.45
18th. FLOOR	-------	---	---	-------	-------	-------	-------	04	04	-------	537.41	537.41	---	-------	04	536.53	---	-------	04	704.07	-------	12	12	-------	1778.01	1778.01
TOTAL	21	50	71	1397.96	9369.90	10767.86	21	68	89	1392.18	9163.78	10555.96	56	9877.84	72	9659.34	56	12298.30	72	12675.42	21	212	233	1392.18	31498.54	32890.72

F.S.I. AREA TABLE:-

FLOOR	APPROVED BLOCK :- A COMM.	RESI.	TOTAL	REVISED BLOCK :- A COMM.	RESI.	TOTAL	APPROVED BLOCK :- B RESI.	REVISED BLOCK :- B RESI.	APPROVED BLOCK :- C RESI.	REVISED BLOCK :- C RESI.	TOTAL REVISE COMM.	RESI.	TOTAL
GR. FLOOR (S.P.)	478.55	-------	478.55	448.74	-------	448.74	-------	-------	-------	-------	448.74	-------	448.74
1st. FLOOR	471.36	480.82	952.18	471.72	273.72	745.44	705.56	536.53	878.45	704.07	471.72	1514.32	1986.04
2nd. FLOOR	448.05	422.36	870.41	471.72	289.70	761.42	705.56	536.53	878.45	704.07	471.72	1530.30	2002.02
3rd. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
4th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
5th. FLOOR	-------	705.56	705.56	-------	537.86	537.86	705.56	536.98	878.45	704.61	-------	1779.45	1779.45
6th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
7th. FLOOR	-------	705.56	705.56	-------	537.86	537.86	705.56	536.98	878.45	704.61	-------	1779.45	1779.45
8th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
9th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
10th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
11th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
12th. FLOOR	-------	705.56	705.56	-------	537.86	537.86	705.56	536.98	878.45	704.61	-------	1779.45	1779.45
13th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
14th. FLOOR	-------	705.56	705.56	-------	537.41	537.41	705.56	536.53	878.45	704.07	-------	1778.01	1778.01
15th. FLOOR	-------	-------	-------	-------	537.41	537.41	-------	536.53	-------	704.07	-------	1778.01	1778.01
16th. FLOOR	-------	-------	-------	-------	537.41	537.41	-------	536.53	-------	704.07	-------	1778.01	1778.01
17th. FLOOR	-------	-------	-------	-------	537.86	537.86	-------	536.98	-------	704.61	-------	1779.45	1779.45
18th. FLOOR	-------	-------	-------	-------	537.41	537.41	-------	536.53	-------	704.07	-------	1778.01	1778.01
SEC.CABIN	-------	-------	-------	-------	4.00	4.00	-------	-------	-------	-------	-------	4.00	4.00
TOTAL	1397.96	9369.90	10767.86	1392.18	9167.78	10559.96	9877.84	9659.34	12298.30	12675.42	1392.18	31502.54	32894.72

BUILT UP AREA TABLE:-

FLOOR	APPROVED BLOCK :- A COMM.	RESI.	TOTAL	REVISED BLOCK :- A COMM.	RESI.	TOTAL	APPROVED BLOCK :- B RESI.	REVISED BLOCK :- B RESI.	APPROVED BLOCK :- C RESI.	REVISED BLOCK :- C RESI.	TOTAL REVISE COMM.	RESI.	TOTAL
BASEMENT-02	-------	-------	-------	-------	6755.65	6755.65	-------	-------	-------	-------	-------	6755.65	6755.65
BASEMENT-01	-------	6755.65	6755.65	-------	6755.65	6755.65	-------	-------	-------	-------	-------	6755.65	6755.65
GR. FLOOR (H.P.)	-------	621.98	621.98	-------	486.00	486.00	902.46	726.63	1186.78	1000.06	-------	2212.69	2212.69
GR. FLOOR (S.P.)	520.39	-------	520.39	482.49	-------	482.49	-------	-------	-------	-------	482.49	-------	482.49
1st. FLOOR	503.34	639.03	1142.37	508.55	425.15	933.70	902.46	726.63	1186.78	1000.06	508.55	2151.84	2660.39
2nd. FLOOR	480.03	585.68	1065.71	508.55	441.13	949.68	902.46	726.63	1186.78	1000.06	508.55	2167.82	2676.37
3rd. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
4th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
5th. FLOOR	-------	902.46	902.46	-------	755.19	755.19	902.46	754.31	1186.78	1020.21	-------	2529.71	2529.71
6th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
7th. FLOOR	-------	902.46	902.46	-------	755.19	755.19	902.46	754.31	1186.78	1020.21	-------	2529.71	2529.71
8th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
9th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
10th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
11th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
12th. FLOOR	-------	902.46	902.46	-------	755.19	755.19	902.46	754.31	1186.78	1020.21	-------	2529.71	2529.71
13th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
14th. FLOOR	-------	902.46	902.46	-------	727.51	727.51	902.46	726.63	1186.78	1000.06	-------	2454.20	2454.20
15th. FLOOR	-------	-------	-------	-------	727.51	727.51	-------	726.63	-------	1000.06	-------	2454.20	2454.20
16th. FLOOR	-------	-------	-------	-------	727.51	727.51	-------	726.63	-------	1000.06	-------	2454.20	2454.20
17th. FLOOR	-------	-------	-------	-------	755.19	755.19	-------	754.31	-------	1020.21	-------	2529.71	2529.71
18th. FLOOR	-------	-------	-------	-------	727.51	727.51	-------	726.63	-------	1000.06	-------	2454.20	2454.20
ST. CABIN	-------	98.48	98.48	-------	158.10	158.10	98.48	158.10	100.73	227.86	-------	544.06	544.06
LM. & OHWT	-------	22.26	22.26	-------	67.61	67.61	22.26	67.61	22.26	96.59	-------	231.81	231.81
ELE.SUB.	-------	19.17	19.17	-------	23.80	23.80	-------	-------	-------	-------	-------	23.80	23.80
SEC.CABIN	-------	-------	-------	-------	4.00	4.00	-------	-------	-------	-------	-------	4.00	4.00
TOTAL	1503.76	19571.77	21075.53	1499.59	26867.97	28367.56	13657.64	14142.40	17924.69	19406.19	1499.59	60416.56	61916.15

BLOCK :- (ELE. S.S.) OPEN PLINTH

BUILT UP AREA CALC- SQMT

GROUND FLOOR
3.98 X 5.98 = 23.80 SMT.

BUILT UP AREA CALC. ON SEC.CABIN

2.00 X 2.00 = 4.00
TOTAL = 4.00

NET BUILT UP AREA =4.00

LIFT CALCULATION :- BLOCK :- A

30 UNIT = 1 LIFT = 6 PERSON
3rd. & 18th. FLOOR UNIT = 64
64/30 = 2.13 LIFT
REQ. = 3 LIFT = 18 PERSON
PROVIDED = 05 LIFT
1 LIFT = 08 PERSON
05 LIFT = 05 X 08 = 40 PERSON

LIFT CALCULATION :- BLOCK :- B

30 UNIT = 1 LIFT = 6 PERSON
3rd. & 18th. FLOOR UNIT = 64
64/30 = 2.13 LIFT
REQ. = 3 LIFT = 18 PERSON
PROVIDED = 05 LIFT
1 LIFT = 08 PERSON
05 LIFT = 05 X 08 = 40 PERSON

LIFT CALCULATION :- BLOCK :- C

30 UNIT = 1 LIFT = 6 PERSON
3rd. & 18th. FLOOR UNIT = 64
64/30 = 2.13 LIFT
REQ. = 3 LIFT = 18 PERSON
PROVIDED = 05 LIFT
1 LIFT = 08 PERSON
05 LIFT = 05 X 08 = 40 PERSON

AREA TABLE :-

	SQMT APPROVED	SQMT REVISE
PLOT AREA OF S.P. NO. 1 OF F.P.NO.:- 63	8236.14	8236.16
REQ. COMMON PLOT @ 10 %	823.61	823.61
PROVI. COMMON PLOT	823.99	829.49
PERMI. BASE ZONE F.S.I. AREA (1:1.8) 8236.16 X 1.8	14825.05	14825.09
CHARGEABLE F.S.I. @ 2.2 OF PLOT AREA (8236.16 X 2.2) (AS PER TABLE - 6.5 (A) 07 CGDCR-2017)	18119.51	18119.55
TOTAL PERMISSIBLE F.S.I.	32944.56	32944.64
TOTAL USE F.S.I.	32944.00	32894.72
TOTAL CHARGEABLE F.S.I.	18118.95	18069.63

BUILT UP AREA TABLE

	SQMT APPROVED	SQMT REVISE
BUILT UP AREA ON BASEMENT-02	2002.89	6755.65
BUILT UP AREA ON BASEMENT-01	1981.09	6755.65
BUILT UP AREA ON GROUND FLOOR (H.P)	602.56	2212.69
BUILT UP AREA ON GROUND FLOOR (S.P) (COMM.)	473.36	482.49
BUILT UP AREA ON 1st. FLOOR (COMM.+RESI.)	1072.10	2660.39
BUILT UP AREA ON 2nd. FLOOR (COMM.+RESI.)	1002.66	2676.37
BUILT UP AREA ON 3rd. FLOOR	1002.66	2454.20
BUILT UP AREA ON 4th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 5th. FLOOR	1017.69	2529.71
BUILT UP AREA ON 6th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 7th. FLOOR	1002.66	2529.71
BUILT UP AREA ON 8th. FLOOR	1017.69	2454.20
BUILT UP AREA ON 9th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 10th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 11th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 12th. FLOOR	1017.69	2529.71
BUILT UP AREA ON 13th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 14th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 15th. FLOOR	1002.66	2454.20
BUILT UP AREA ON 16th. FLOOR	1017.69	2454.20
BUILT UP AREA ON 17th. FLOOR	1002.66	2529.71
BUILT UP AREA ON 18th. FLOOR	1002.66	2454.20
BUILT UP AREA ON STAIR CABIN	109.29	544.06
BUILT UP AREA ON LIFT MACHINE RM & O.H.W.T	71.87	231.81
BUILT UP AREA ON ELE.S.S.	4.53	23.80
BUILT UP AREA ON SEC.CABIN	82.85	4.00
TOTAL BUILT UP AREA	19480.21	61916.15

F.S.I AREA TABLE

	SQMT APPROVED	SQMT REVISE
F.S.I AREA ON GROUND FLOOR (S.P) (COMM.)	444.95	448.74
F.S.I AREA ON 1st. FLOOR (COMM.+RESI.)	839.13	1986.04
F.S.I AREA ON 2nd. FLOOR (COMM.+RESI.)	785.43	2002.02
F.S.I AREA ON 3rd. FLOOR	785.43	1778.01
F.S.I AREA ON 4th. FLOOR	785.43	1778.01
F.S.I AREA ON 5th. FLOOR	785.43	1779.45
F.S.I AREA ON 6th. FLOOR	785.43	1778.01
F.S.I AREA ON 7th. FLOOR	785.43	1779.45
F.S.I AREA ON 8th. FLOOR	785.43	1778.01
F.S.I AREA ON 9th. FLOOR	785.43	1778.01
F.S.I AREA ON 10th. FLOOR	785.43	1778.01
F.S.I AREA ON 11th. FLOOR	785.43	1778.01
F.S.I AREA ON 12th. FLOOR	785.43	1779.45
F.S.I AREA ON 13th. FLOOR	785.43	1778.01
F.S.I AREA ON 14th. FLOOR	785.43	1778.01
F.S.I AREA ON 15th. FLOOR	785.43	1778.01
F.S.I AREA ON 16th. FLOOR	785.43	1778.01
F.S.I AREA ON 17th. FLOOR	785.43	1779.45
F.S.I AREA ON 18th. FLOOR	785.43	1778.01
F.S.I AREA ON SEC.CABIN		4.00
TOTAL F.S.I AREA	11494.67	32894.72

R.C.C. STAIR DETAIL :-

2.01 MT.	WIDTH
1.52 MT.	WIDTH
0.30 MT.	TREAD
0.15 MT.	RISER

COLOUR NOTE :-

(——) PROP. WORK; (- - -) PROP. DRAINAGE; (▬) ROAD; (——) PLOT BOUNDARY; (♧) TREE; (●) CONTAINER BIN; (◎) PERCOLATING WELL; (⊕) SPRINKLER; (——) APPROVED WORK

CONTAINER BIN CALC. (COMMERCIAL)

20 LTR CAPACITY FOR EACH 100 S.MT FL.AREA
PROP.C.B.-1392.18/ 100 X 20 =278.44 LITERS
REQ. COMMUNITY BIN = 278.44 / 80 = 3.48 NOS.
PROP. COMMUNITY BIN =4.00 NOS.
PROVIDE CONTAINER BIN RESI. 27 + COMM. 04 = 31
PROVI. CONTAINER BIN = 31.00 NOS.

CONTAINER BIN CALC. (RESIDENTIAL)

TOTAL NO. OF UNIT 212
PER UNIT REQ 10 LTRS 1 CONTAINER
MAXI.CAPACITY OF CONTAINER 80 LTRS
80 LTRS = 8 UNITS
TOTAL NO. = 212/ 8 =26.50
REQ. REFUSED CONT. = 27.00 NOS. OF 80LTRS.
PROVI. CONTAINER BIN =27.00 NOS.

PERCOLATING WELL CALC:- IN NOS.

REQ. 1500 TO 4000 SMT = 1.00 NOS.
8236.16 / 4000.00 = 2.06 NOS.
SAY REQ. P.WELL = 3.00 NOS.
PROVI. P.WELL = 3.00 NOS.

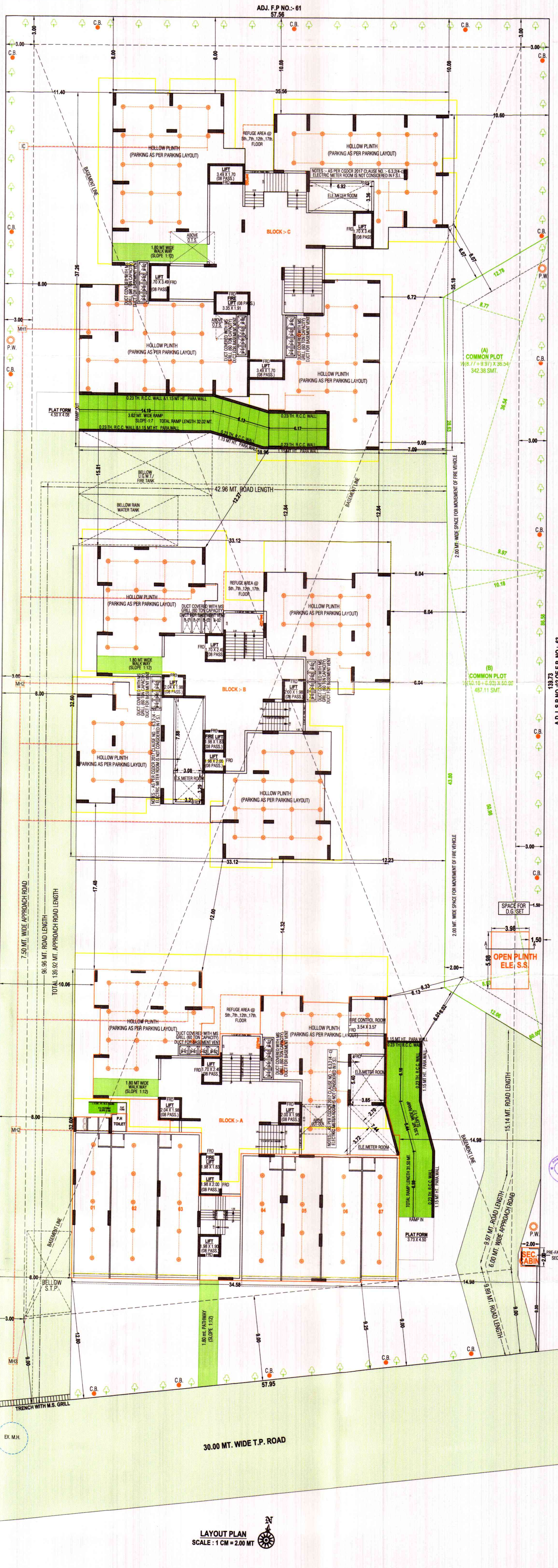
TREE PLANTATION CALC :- IN NOS.

REQ. 200.00 SQMT = 5 TREE
8236.16/ 200 X 5 = 205.90
SAY REQ.TREE = 205.90 NOS.
PROVIDE TREE = 206.00 NOS.

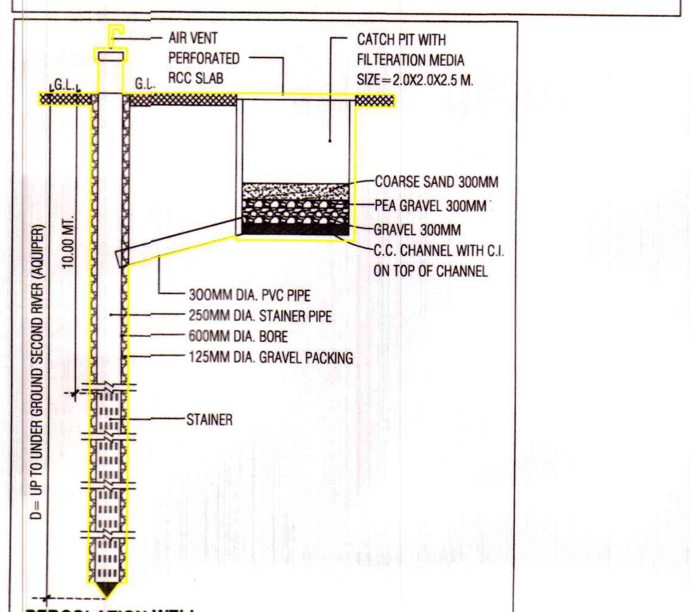
COMMON PLOT AREA CALC :- IN SMT.

COMMON PLOT

(A) ½(8.77 + 9.97) X 36.54 = 342.38
(B) ½(10.18 + 8.93) X 50.98 = 487.11
= 829.49



LAYOUT PLAN
SCALE : 1 CM = 2.00 MT



PERCOLATION WELL

(PLOT AREA=1500 TO 4000 SQ.MT.)
Percolating Well with Rain Water Harvesting System shall be provided for every 4000sq.mt as illustrated above (up to ground second river).
NOTE:-STRUCTURE DESIGN AS PER STRUCTURAL ENGINEER. (THIS IS ONLY SKETCH PLAN)

FIRE HYDRANT LEGEND

SR.	SYMBOL	DISCRIPTION
1	——	FIRE HYDRANT PIPE MAIN
2	⋈	SLUICE VALVE
3	▷	NON RETURN VALVE
4	—o—	COURT YARD HYDRANT VALVE
5		LANDING HYDRANT VALVE
6	⊠	HOSE BOX
7	⊕	FIRST AID HOSE REEL
8	⊥	AIR RELEASE VALVE
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP

NOTES:-

- ALL BASEMENT PARKING AND HPP SHALL BE FULLY SPRINKLERED.
- ALL LOWER BASEMENTS SHOULD HAVE POSITIVE PRESSURE VENTILATION.
- ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANT DOORS.

1. THIS DEVELOPMENT PERMISSION IS GRANTED WITH CONDITION THAT APPLICANT AND ENGG./ARCH. WILL OBEY ALL BONDS AND AFFIDAVITS PRODUCED BY APPLICANT AND ENGG./ARCH.

[illegible]

RESPONSIBILITY (C.G.D.C.R.-2017 C.L. NO. 4.3,4.4 & 4.5) :- APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER, ENGINEER, ARCHITECT, CLERK OF WORKS/SITE SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES, IMPOSED UNDER THE ACT, THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LOCAL ACTS.

LIABILITY (C.G.D.C.R.-2017 C.L. NO. 3.3.2) :- NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY OR ANY OFFICER/EMPLOYEE TO WHOM POWER HAS BEEN DELEGATED.

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SECOND FLOOR, B1, ANKUR SHOPPING CENTER, NR. VIP SCHOOL, NIKOL, AHMEDABAD-382350
DEVELOPER

ARPITKUMAR MAHESHBHAI PRAJAPATI
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SOR

(૧) શાંતાબેન કરશનભાઈ ભુવા
(૨) રસીલાબેન કરશનભાઈ પટેલ
(૩) સુરેશભાઈ કડવાભાઈ પટેલ
(૪) કમલેશભાઈ કડવાભાઈ પટેલ
(૫) મનીષાબેન કડવાભાઈ પટેલના કુલમુખત્યાર તરીકે
OWNER

KEY PLAN
SCALE : 1 CM = 20.00 MT

સદર પ્રકરણે વાર્જબલ એફ.એસ.આઈ.ના નાણા ના હપ્તા ચુકવવાના હોઈ, તે વસુલાત બાબતે બી.યુ. પરમીશન અગાઉ અત્રેના વિભાગનો અભિપ્રાય મેળવવાનો રહેશે

Ahmedabad Municipal Corporation

Case No. : BHNTI/NZ/280223/CGDCRV/A7015/R1/M1
Zone : NORTH
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chiththi Number : 05602/280223/A7015/R1/M1
Date 16/04/2024

T.D. Sub Inspector(B.P.S.P.) | T.D. Inspector (B.P.S.P.) | Asst.T.D.O. (B.P.S.P.)

AUTHORITY

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