

ON/OFF switches located near the hose reel hose or hydrant outlet, at each floor the main FirePump at the underground water tank with a capacity to discharge 900 liters per minute at 3 bar, pressure as measured at the terrace level should be installed.

The Riser for the building should be 15 meters and above 15 meters height should not be of less than 100 mm. internal diameter. The riser should be connected to the bottom of the terrace tank with a stop valve and a NRV to act as a Down - corner.

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 63 mm dia hose & 25 mm.bore Hose-reel hose with 8 mm. SS. Sh.-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 53mm. dia. hose and 12.5 mm. bore nozzle at alternate floors. The Hose-reel hose should be coupled to the Riser.

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

A permanent hydrant point comprising of 33 mm. dia size 2nos of hydrant valves should be installed at the terrace level.

Overhead tank: Roffing by concrete should be 30 mm. dia 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.

The Fire-Lift and all the 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 parts then each 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 operate, so that it prevents the lift well getting smoke logged.

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

One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. 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 2 kg. 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.

The staircase has to be open from at least one or two sides but if the staircase is in the centre core of the buildings it has to be pressurized to prevent it from getting smoke logged.

The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for actual Car parking space. Additionally be protected by a Hydrant outlet and two 25 mm. bore Hose-reel hoses with 8 mm. bore nozzles at each basement level.

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

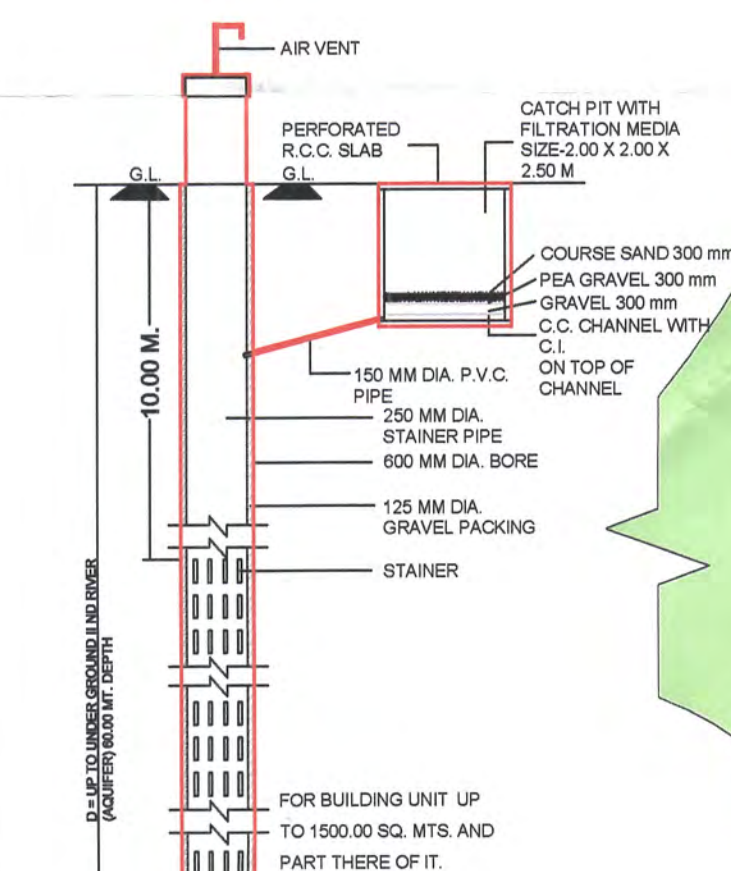
If the building falls in a confined area or if it has an enclosed staircase or is not well lit-up on the inside, then adequate photo luminescent (auto glow) signage/s should be displayed at each floor / landing / pathway / dead-end along all exit routes leading to the ground level. The signage should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

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 system 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 IDIVIDUAL SHOW ROOM BY OWNER
IMPORTANT INSTRUCTIONS:

concerned feels the need for additional fire prevention/protection measures / 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 / Fire risk / Public gathering. Potential / Occupancy / Confined area, those additional measures / equipment have to be implemented / installed

FIRE HYDRANT LEGEND		
SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT PIPE MAIN
2		SLUICE VALVE
3		NON RETURN VALVE
4		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



PERCOLATION WELL
N.T.S.

GROUND FLOOR

FLOOR AREA = 2794.24 SQ. MT.
2794.24 / 4 = 698.56 SAY 699 USERS
ASSUM 50% MALE & 50% FEMALE

MALE = 350 PERSON / FEMALE = 349 PERSON

REQ.	MALE		FEMALE	
	URI.	W.C.	URI.	W.C.
UP TO 100	4	4	4	4
101 TO 500	0	1	1	1
> 500	0	0	0	0
TOTAL	4	5	5	5

COMMON SANITARY PROVISION 25% OF TOTAL REQ.

REQ.	MALE		FEMALE	
	URI.	W.C.	URI.	W.C.
PROVIDED	1	1	1	1
	2	2	2	2

PROVIDED 39 TOILET IN EACH UNIT
1 TOILET FOR PHYSICALLY HANDICAP PERSON

TREE PLANTATION CAL. :
PLOT AREA = 4541.00 SQ.MT.
200.00 SQ. MT. = 5 NOS. TREE REQ.
 $4541.00 / 200.00 \times 5 = 113.53$ NOS.
SAY 114 NOS. READ
PROVIDE 114 NOS. TREE

PERCOLATING WELL CALC:-
 REQ. 1500 TO 4000 SMT = 1 NOS.
 $4541.00 / 4000 = 1.14$ NOS.
 SAY REQ. P.WELL = 2 NOS.
 PROVI. P.WELL = 2 NOS.

COMM : 100 SQ.MT. CARPET AREA
1 NOS BIN OF 20 LIT. CAP.
TOTAL CARPET 2794.24 x 20/100 = 558.85 LIT.
558.85 / 80 = 6.99 SAY 7 NOS CONTAINER
PROVIDED 80 LIT. CAPACITY 7 NOS C.B.

CONTAINER BIN AREA CALC. FOR RESI.
RESI: 1 UNIT 10 LIT. REQ. 1 CONTAINER
TOTAL UNIT 101 x 10 LIT. = 1010 LIT.
 $1010 / 80 = 12.63$ SAY 13 NOS. CONT.
REQU. 13 NOS BIN OF 80 LIT CAP.
PROVI. 13 NOS BIN OF 80 LIT CAP.

AREA TABLE						
FLOOR	USE	UNIT	FLOOR AREA	F.S.I. AREA	BUILT UP AREA	
2nd. BASEMENT	PARKING	--	----	----		3331.51
1st. BASEMENT	PARKING	--	----	----		3331.51
GROUND FLOOR	PARKING	--	----	----		1766.56
GROUND FLOOR	COMM.	23	1200.40	1200.40		1283.56
1st. FLOOR	PARKING	--	----	----		1031.56
1st. FLOOR	COMM.	12	805.29	805.29		876.44
2nd. FLOOR	RESI.	03	464.06	464.06		1055.33
2nd. FLOOR	COMM.	04	788.55	788.55		856.95
3rd. FLOOR	RESI.	09	1358.06	1358.06		1657.90
4th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
5th. FLOOR	RESI.	09	1338.44	1338.44		1638.28
6th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
7th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
8th. FLOOR	RESI.	09	1338.44	1338.44		1638.28
9th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
10th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
11th. FLOOR	RESI.	09	1338.44	1338.44		1638.28
12th. FLOOR	RESI.	09	1389.33	1389.33		1689.17
13th. FLOOR	RESI.	08	1147.79	1147.79		1446.73
STAIR CABIN	----	--	----	----		316.56
L.M.R & O.H.W.T.	----	--	----	----		177.20
	COMM.	39	2794.24	2794.24		
	RESI.	+ 101	+ 15321.21	+ 15321.21		
	TOTAL	= 140	= 18115.45	= 18115.45		32181.67
TOTAL						

LAYOUT PLAN SHOWING PROPOSED RESIDENCE (DWELLIN-3) AND
COMMERCIAL BUILDING ON R.S/BLOCK NO.:8/B/1,O.P. NO.05,F.P.NO.:05, IN
T.P.SCHEME NO.26 (VASNA-HADMATIYA-UWARSAD-VAVOL),AT
VILLAGE.:VASNA-HADMATIYA,TA.&DIST.:GANDHINAGAR.

ZONE AS PER RDP 2021 : R-5 (RESIDENCE-5)

USE : RESIDENCE (DWELLING-3) AND COMMERCIAL	
AREA TABLE	IN SQ.MTS.
AREA OF F.P. NO: 05	4541.00
REQ. COMMON PLOT @10%	454.10
PROPOSED COMMON PLOT	454.90
PERMI. BASE F.S.I. AREA @ 1.50 (4541.00 x 1.50)	6811.50
CHARGEABLE F.S.I. @ 2.50 (4541.00 x 2.50)	11352.50
TOTAL BASE + CHARG F.S.I. AREA @ 4.00 (4541.00 X 4.00)	18164.00
TOTAL USED F.S.I. AREA	18115.45
BALANCE F.S.I. AREA	48.55
USED CHARGEABLE F.S.I. AREA (18115.45 - 6811.50)	11303.95

PLOT BOUNDARY		TREE		SPRINKLER	
ROAD / PATHWAY		CONTAINER BIN			
PROP. WORK		P.WELL			
PROP. DRAINAGE					



DRAINAGE SECTION
SCALE :- 1.00 CM = 5.00 MT. (HORI)
SCALE :- 1.00 CM = 1.00 MT. (VERT)

OWNER

Nishan D. Patel B.E (Civil)
A-54, Anirdesh Bunglows
Gandhinagar-382421
GUDA REG.NO.GUDA/ENG/419/03/2018

ENGINEER

VIREN D. PAREKH
GUDA -SDI/146/02/2019
402, 4th Floor, Maulik Arcade,
Satelite. Ahmedabad.

ST-ENGINEER

Nishan D. Patel B.E (Civil)
A-54, Airdesh Bunglows
Gandhinagar-382421
GUDA REG.NO.GUDA/COWISSI/148/03/2018

C.O.W.

Development Charge Paid
APPROVED

(As amended by.....Colour)
Subject to the conditions as
mentioned in the office Letter
No. PRM/Genl/210/VCSN
Dated 13/09/2022

NOTE : APPROVED BY
MUNICIPAL COMMISSIONER



Junior Town Planner
Gandhinagar Municipal Corporation

The Permission is valid only till the DP/TPS remains unaltered and further that the permission shall stand revoked as soon as there is change in DP/TPS with reference to the land.

ખાસ શરત
બાંધકામ પૂર્ણ થયે બાદ બાંધકામનો
ઉપયોગ શરૂ કરતાં પહેલા નિયમોનુસાર
અત્રે મકાનના વપરાશનું પ્રમાણપત્ર
મેળવવું ફરજિયાત છે.

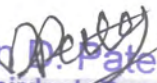
LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

Owner is fully responsible for open marginal and road the profit

PARKING AREA TABLE FOR RESIDENCE		IN SQ. MTS.
F.S.I AREA OF RESIDENCE = 18115.45 - 2794.24 = 15321.21 SQ.MTS.		
REQ PARKING AREA @ 20 % = 3064.24 SQ.MTS.		
VEHICAL	REQ. AREA	PROVI. PARKING AREA
CAR PARKING AREA @ 50 %	1532.12 SQ.MTS.	PROVIDED PARKING IN 1ST.BASEMENT = 1361.10 PROVIDED PARKING IN 2ND.BASEMENT = 2744.68 TOTAL = 4105.78
SCOOTER & CYCLE AREA @ 40 %	1225.70 SQ.MTS.	PROVIDED PARKING IN 1ST.BASEMENT = 475.22 PROVIDED PARKING IN 1ST.FLOOR = 863.03 TOTAL PROVIDED PARKING = 1338.25
VISITORS PARKING AREA @ 10 %	306.42 SQ.MTS.	PROVIDED PARKING IN GROUND LVL. = 346.10
TOTAL	3064.24 SQ.MTS.	TOTAL PROVI. PARKING = 5790.13

PARKING LAYOUT PLAN		{02/13}
PARKING LAYOUT PLAN SHOWING PROPOSED RESIDENCE (DWELLIN-3) AND COMMERCIAL BUILDING ON R.S/BLOCK NO.:8/B/1, O.P. NO.05, F.P.NO.:05, IN T.P. SCHEME NO.26 (VASNA-HADMATIYA-UWARSAD-VAVOL), AT VILLAGE.:VASNA-HADMATIYA, TA.&DIST.:GANDHINAGAR.		
SCALE: 1.00 CM = 2.00 MT		
ZONE AS PER RDP 2021 : R-5(RESIDENCE-5)		
USE : RESIDENCE (DWELLING-3) AND COMMERCIAL		
COLOUR NOTE		
PLOT BOUNDARY		TREE 
ROAD / PATHWAY		CONTAINER BIN 
PROP. WORK		P.WELL 
PROP. DRAINAGE		SPRINKLER 



	 VIREN D. PAREKH GUDA -SDI/146/02/2019 402, 4th Floor, Maulik Arcade, Satellite, Ahmedabad.
OWNER  Nishant Patel B.E (Civil) A-54, Anirudh Bunglows Gandhinagar-382421 GUDA REG.NO.GUDA/ENG/149/03/2018	ST-ENGINEER  Nishant Patel B.E (Civil) A-54, Anirudh Bunglows Gandhinagar-382421 GUDA REG.NO.GUDA/COW/SSI/148/03/2018
ENGINEER	ENGINEER

Development Charge Paid
APPROVED
(As amended by.....Colour)
Subject to the conditions as
mentioned in the office Letter
No. PRM.....*CMC/240/VANU Hadmutiya-26/04/2022*
Dated.....*29/09/2022*.....*78776*
NOTE : APPROVED BY
MUNICIPAL COMMISSIONER


Junior Town Planner
Gandhinagar Municipal Corporation


AUTHORITY