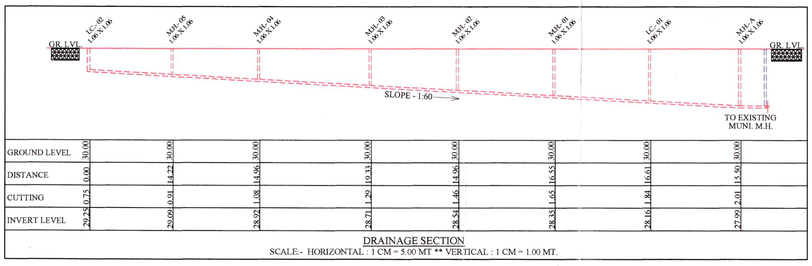


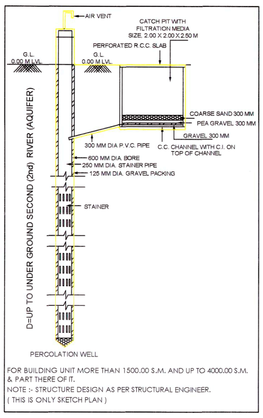
GROUND LEVEL	30.00		30.00		30.00		30.00		30.00		30.00		30.00	
DISTANCE		0.00		14.22		14.96		19.33		14.96		16.55		15.50
CUTTING		0.75		0.91		1.06		1.29		1.46		1.65		1.81
INVERT LEVEL		29.25		29.09		28.92		28.71		28.54		28.35		28.19

DRAINAGE SECTION

SCALE:- HORIZONTAL : 1 CM = 5.00 MT ** VERTICAL : 1 CM = 1.00 MT.

FIRE HYDRANT LEGEND

SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT SYSTEM PIPE MAIN
2		SINGLE HANDED HYDRANT VALVE
3		SLUICE VALVE
4		NON RETURN VALVE
5		LANDING HYDRANT VALVE
6		FIRE HOSE BOX
7		FIRST AID HOSE REEL
8		DC P & CO-2
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP
11		REDUCER
12		COURT YARD HYDRANT VALVE
13		SPRINKLERED



FOR BUILDING UNIT MORE THAN 1500.00 S.M. AND UP TO 4000.00 S.M.
& PART THERE OF.T.
NOTE :- STRUCTURE DESIGN AS PER STRUCTURAL ENGINEER.
(THIS IS ONLY SKETCH PLAN)

Conditions for Environmental Management Provisions as CGDCR - 2017 Chapter - 17

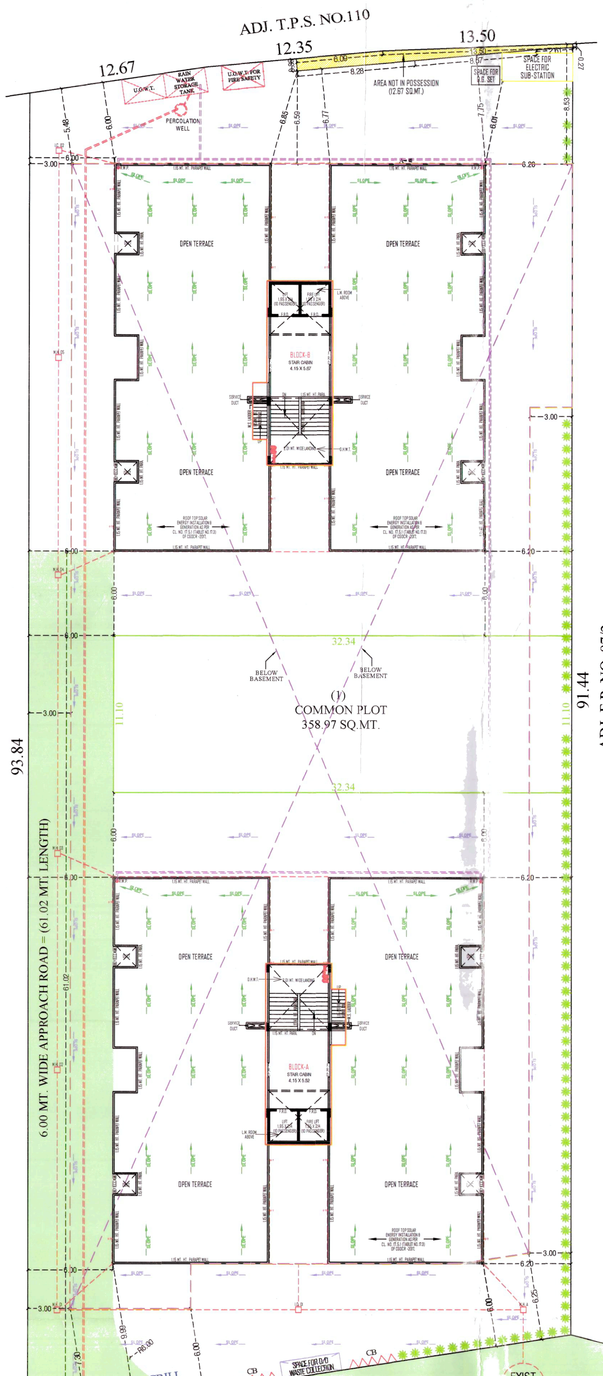
Note :- Location of Above Provisions May Very As Per Site Situation.

1. **Roof Top Solar Energy Installations and Generation :** Space for Roof Top Solar Energy Installations and Geberation system to be provided as per Cl. No. 17.5.1, table no. 17.3 of CGDCR - 2017 or as per suggested by concern government authority/agency.
2. **Rain Water Harvesting System :** Applicant shall have to make provision for Rain water harvesting system must be maintain regularly every year and rain water shall not be discharge to AMC storm water line.
3. **Rain Water Storage System :** Applicant shall provide Rain Water Storage tank of adequate capacity as per Cl. No. 17.2.3 of GDCR - 2017.
4. **Tree Plantation :** Applicant shall provide tree plantations conforming to Cl. No. 17.4 of CGDCR - 2017 and shall take proper care regularly & maintain the same number of trees permanently.
5. **Solid Waste Management :** Applicant shall provide facilities for solid waste management with segregation of dry and wet waste at source regularly as per Cl. No. 17.2.3.1 of CGDCR - 2017 and disposal of solid waste shall be carried out as per the norms decided by the Competent Authority from time to time.

REQUIRED PERCOLATING WELL:-
PLOT AREA:- 1500 T0 4000 SQ.MTS.
1 PERCOLATING WELL
PLOT AREA = 3568.37 / 4000.00 SQMT.
= 0.89 NOS. SAY 1 NOS.
REQUIRED = 1 NOS. PERCOLATING WELL
PROVIDED = 1 NOS. PERCOLATING WELL

TREE PLANTATION:-
PLOT AREA:- 3568.37 SQ.MTS.
200 SQ.MTS. / 5 TREE
3568.37 X 5 / 200 = 89.21 NOS. SAY 90 NOS.
REQUIRED = 90 NOS. TREES
PROVIDED = 90 NOS. TREES

DUST-BIN PROVIDED NOTES (RESIDENCE):-
1 NOS. OF COMMUNITY BIN EACH OF 80 LITRES CAPACITY SHALL BE PROVIDED FOR 8 UNIT IN MARGINAL OPEN SPACE
PROVIDED = 8 UNITS / 8 TREE = 80 LITRES CAPACITY.
REQUIRED = 80 UNITS / 8UNITS / 1 = 10.00 NOS., SAY 10 NOS.
PROVIDED CONTAINER = 10 NOS. FOR RESIDENCE OF 80 LITRES CAPACITY



FRONT MARGIN (ROAD SIDE) HAS BEEN PERMITTED AS 6.00 MT. FROM PLOT BOUNDARY, PROVIDED FRONT MARGIN SPACE ABUTTING ON ROAD WILL BE KEPT OPEN PERMANENTLY & COMPOUND WALL WILL NOT BE CONSTRECTED ON ROAD SIDE BOUNDARY AS PER NOTIFICATION NO. GH/V/95 OF 2018/ PRC-102018-5088-L, CTD - 21/07/2018, REGARDING FIRE REGULATION-2016

ENVIRONMENTAL MANAGEMENT PLAN

AS PER CHAPTER -17 OF CGDCR -2017

[SCALE :- 1.00 CM. = 2.00 MT.]

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NO. 607 TO 613/14/183
TDO, BPSP, AMC

NOTES RELATED TO CGDCR 2017

GENERAL NOTES :-

- 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 space and margin.
- The depth and position of existing municipal manhole is verified by on site and premises can get drainage connection.
- It is certify that according to CGDCR 2017 all 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 CGDCR 2017, the structure of the building is design as per the norms of the Indian standards
- Design of staircase and railing is provided as per the provision of the clause no. 13.11.1 and 13.1.13 of CGDCR 2017
- Pedestrians ramp is provided as per the provision of the clause no. 13.1.14 of CGDCR 2017
- Lift is provided as per the provision of the clause no. 13.12 of CGDCR 2017
- Water tank is provided as per the provision of the clause no. 13.6 of CGDCR 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 chapter no. 13.11 of CGDCR 2017.
- Electrical infrastructure shall be provided as per clause no. 13.11 of CGDCR 2017.
- Drinking water facility for disabled persons is provide as per the clause no. 13.6.2 of CGDCR 2017
- Drainage facility is provided as per the clause no. 13.10 of CGDCR 2017
- Signages of the parking place is to be provided as per the clause no. 13.7 of the CGDCR 2017.
- Entrance of the building is provided as per the clause no. 13.1.6 of CGDCR 2017.
- The paving of building unit/final plot as per the provision of the clause no. 13.1.3 of CGDCR 2017.
- The structure of the building is as per the norms of the specified in the Indian standard and take necessary action for the structural safety during the construction.
- Rain water storage tank and rain water harvesting system is provided as per the clause no. 17.2 of CGDCR 2017
- Community bin provided as per the provision of the clause no. 17.2.4.& 17.2.5 of CGDCR 2017.
- Tree plantation is provided as per the clause no. 17.4 of CGDCR 2017.
- Fire safety system is provided as per chapter no. 14 of CGDCR 2017
- Fire safety provisions shall be made as per the fire prevention and life safety measures regulation-2016 and fire prevention and life safety measures act-2013.
- Maintenance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
- Minimal space & cellar slab shall have load bearing capacity of 4560 tonnes per square meter shall be provided as per chapter no. 14 of CGDCR 2017 and fire prevention and fire safety act-2016
- Roof top solar energy installation & penetration shall be provided as per clause no. 17.5.1 of CGDCR-2017.
- The glazed surface area of the external facade shall be non reflective and provided upto max of 50% of the total surface area of each facade with the provision of safety railing upto sill level as per no.13.13 of c.g.d.c.-2017
- Compound Wall Shall Not be Constructed On Road Side Boundary As Per Notification No. GHV/95 Of 2018/PRC-102018-5088-L, Dt.- 21/07/2018 Regarding Fire Regulation-2016

NOTES RELATED TO FIRE SAFETY & PREVENTION

1. HYDRANT SYSTEM:

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 buildings exceeding 18 meters and above 18 meters height shall 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 - 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 63 mm dia hose & 25 mm bore Hose-reel hose with 8 mm. SS. Shut-off nozzle at each floor landing. The length of the hose reel hose should be enough to reach the furthest corner of the floor. Hose-box with 15 meters long 63mm. dia. hose and 12.5 mm. bore nozzle at alternate floors. The Hose-reel hose should be coupled to the Riser.
Fire-services 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 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 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 shall have a Fire-Lift. Lift-well should have blowers to pressurize the lift well so pressurized that it will automatically operate when alarm call point is operate, 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 capable of being heard all throughout the building.

4. FIRE EXTINGUISHERS :

One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with ISI mark and one extinguisher of 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 three extinguishers installed.

5. STAIRCASE :

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 Riser Down-comer should be located in the staircase or close to it so that it easily approachable in case of Fire from the floor below or above.

6. BASEMENT :

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.

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 lobby is a confined area or if it has an enclosed staircase or a hall 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 escape 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 escape 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 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 IDVIDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:

After inspection of a low-rise building by the fire service authority if the fire officer conserved feels th 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 / Firerick / Public gathering Potential / Occupancy / Confined area, these additional measures / equipment have to be implemented / installed.

Basic Fire Notes Plan
Take online print of approved opinion and submitted plan copy.The copies of plans are provide during final inspection of the fighting system.
After, the building is built and all the required fire safety and Protection equipment have been installed and after due inspection by the fire service officer in NOC can be issued.

ENVIRONMENTAL MANAGEMENT PLAN | SHEET NO.:-2/6

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON S.P. NO. 2 OF F.P. NO.87/1 OF T.P.S. NO.119 (NIKOL) (DRAFT), [REVENUE SURVEY NO. 432/1 (O.P. NO. 87/1) OF MOJE.:- NIKOL, TALUKA:- ASARVA, DISTRICT:- AHMEDABAD]

SCALE:- 1.00 CM = 2.00 MT.

USE:- RESIDENCE

ZONE:- RESIDENTIAL-1 (R-1)

COLOUR NOTES:-

F. P. BOUNDARY		ROAD	
REVISED WORK		PERCOLATION WELL	
APPROVED WORK		COMMUNITY BIN	
PROPOSED DRAIN-LINE		TREE	
COMMON PLOT		SPRINKLER	
BASEMENT LINE			
NOT IN POSSESSION			
RAIN DRAINAGE LINE			

FOR, DEVAM DEVELOPERS
PARTNERS
OWNER:-

ZAXIS INFRA
LIC. NO :-0010V17022610376
411, PLATINUM PLAZA, OPP. PAVILION MALL NIKOL , AHMEDABAD -382350
DEVELOPER:-

JAYRAN N. PATEL
AMC LIC NO. 001ERH27052500743
AMC LIC NO. 001SE28072510026
AMC LIC NO. 001CW10042700520
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad
ENGINEER:-

KETANKUMAR G. DOBARIYA
AMC LIC. NO. 001CW01022710601
ADRESS : C/ 53, NISHANT BUNGLOWS, NIKOL, AHMEDABAD CITY - 382350
COW:-

Hardik P Upadhyay
Structure Engineer (Civil)
A.M.C. LIC. NO.:SD0620080823
STR. ENGINEER:-

DIVYESH RAMESHBHAI RADADIYA
AMC SOR LIC NO.- 001SR02032610730
ADD.:- SAMDHIYALA, AMRELI-365440.
S.O.R.:-

AUTHORITY:-

Ahmedabad Municipal Corporation

Case No. : UHNTS/EZ/290622/CGDCRV/A6238/R1/M1 Zone: EAST

Plan Approved as per terms and condition mentioned in the Commencement Certificate

Raja Chitthi Number : 03176/290622/A6238/R1/M1

Date : 14/04/2023

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

PARKING AREA TABLE (RESIDENTIAL)		TOTAL REQUIRED	TOTAL PROVIDE
TOTAL USED RESIDENTIAL F.S.I. AREA = 11338.40		SQ.MT.	SQ.MT.
TOTAL REQUIRED PARKING AREA	REQ. @ 20%	2267.68	---------
TOTAL PROVIDE PARKING AREA		---------	3261.97
REQUIRED CAR PARKING AREA	REQ. @ 50%	1133.84	-------
PROVIDE CAR PARKING AREA	(A1 TO A5)	-------	1735.60
REQUIRED OTHER PARKING AREA	REQ. @ 40%	907.07	-------
PROVIDE OTHER PARKING AREA	(B1 TO B8)	-------	1261.92
REQUIRED VISITOR'S PARKING AREA	REQ. @ 10%	226.77	-------
PROVIDE VISITOR'S PARKING AREA	(C1 TO C3)	-------	264.45
TOTAL PARKING AREA		2267.68	3261.97

VISITOR PARKING AREA			
(C1) 10.89 X 13.98	= 152.24 SQ. MTS.	(HOLLOW PLINTH)	
(C2) 10.89 X 06.87	= 74.81 SQ. MTS.	(HOLLOW PLINTH)	
(C3) 05.26 X 07.11	= 37.40 SQ. MTS.	(HOLLOW PLINTH)	264.45
OTHER PARKING AREA			
(B1) 10.89 X 27.36	= 297.95 SQ. MTS.	(HOLLOW PLINTH)	
(B2) 10.89 X 20.25	= 220.52 SQ. MTS.	(HOLLOW PLINTH)	
(B3) 17.65 X (8.46+7.69)/2	= 142.52 SQ. MTS.	(BASEMENT)	
(B4) 17.92 X 8.02	= 143.72 SQ. MTS.	(BASEMENT)	
(B5) 13.67 X 13.00	= 177.71 SQ. MTS.	(BASEMENT)	
(B6) 8.03 X 11.20	= 89.94 SQ. MTS.	(BASEMENT)	
(B7) 19.23 X 8.02	= 154.22 SQ. MTS.	(BASEMENT)	
(B8) 9.25 X (4.00+3.64)/2	= 35.34 SQ. MTS.	(BASEMENT)	1261.92
CAR PARKING AREA			
(A1) 10.89 X 11.58	= 126.11 SQ. MTS.	(HOLLOW PLINTH)	
(A2) 10.89 X 11.58	= 126.11 SQ. MTS.	(HOLLOW PLINTH)	
(A3) 31.88 X 35.30	= 1125.36 SQ. MTS.	(BASEMENT)	
(A4) 13.67 X 13.00	= 177.71 SQ. MTS.	(BASEMENT)	
(A5) 13.87 X 13.00	= 180.31 SQ. MTS.	(BASEMENT)	1735.60

THE FIRE PROTECTION SYSTEM :-

1. All Basements Parking and HPP shall be Fully Sprinklered.
2. All Lower Basements Should Have Positive Pressure Ventilation.
3. Electric Cable Shaft Should Have Fire Resistant Doors.

PARKING TABLE

	REQUIRED	PROVIDED		
	RESIDENCE	GROUND FLOOR	1ST BASEMENT	TOTAL
VISITOR PARKING	226.77	264.45	------	264.45
OTHER PARKING	907.07	518.47	743.45	1261.92
CAR PARKING	1133.84	252.22	1483.38	1735.60
TOTAL (RESIDENCE)	**2267.68**	**1035.14**	**2226.83**	**3261.97**

PHY. DISABLED CAR PARKING AREA CALCULATION:-
FOR 25 CAR = 2 CAR PARKING
REQUIRED CAR PARKING = 48 X 2 /25 = 3.84 SAY 4
PROVIDED CAR PARKING = 4 CAR FOR P/H @ GROUND LEVEL

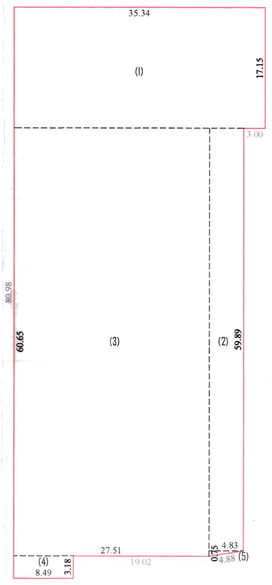
PROP. BUILT-UP AREA CALCULATION ON BASEMENT FLOOR:-

(1)	35.34 X 17.15	=	606.08 SQ. MT.
(2)	04.83 X 59.89	=	289.27 SQ. MT.
(3)	27.51 X 60.65	=	1668.48 SQ. MT.
(4)	08.49 X 03.18	=	27.00 SQ. MT.
(5)	04.83 X 00.75 /2	=	01.81 SQ. MT.
	TOTAL	=	2592.64 SQ. MT.

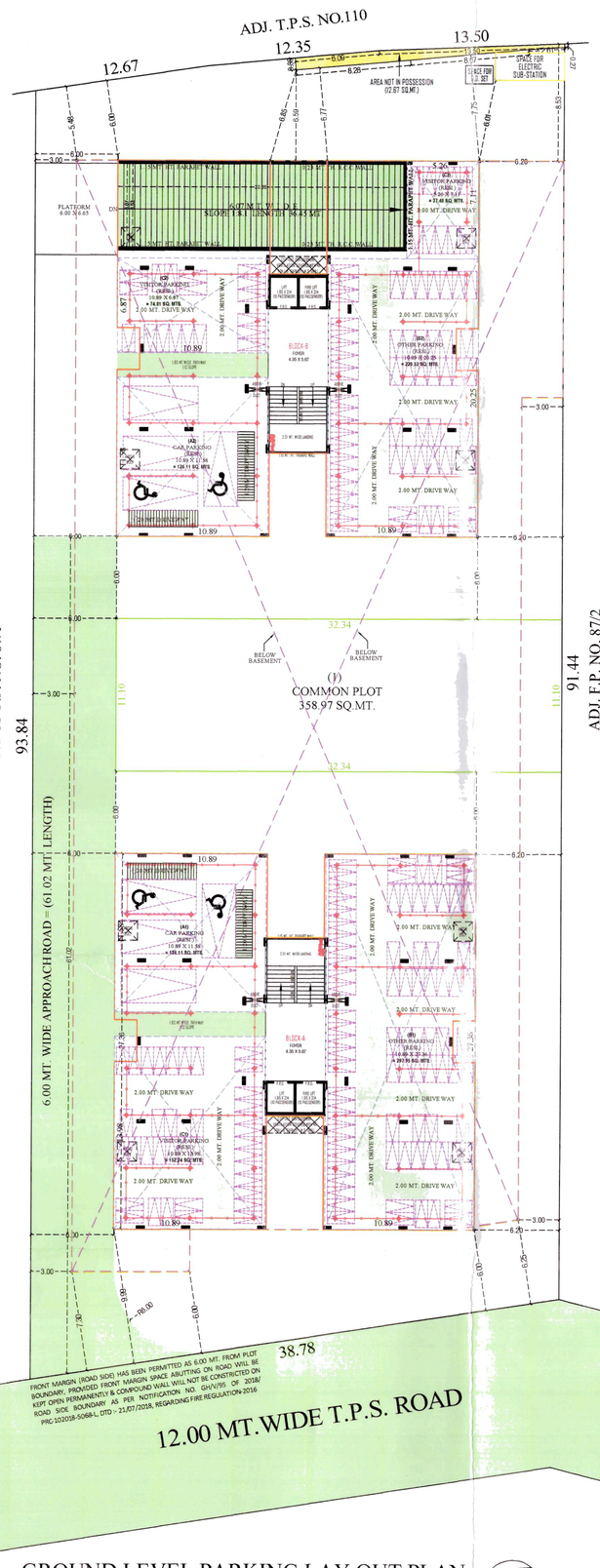
NET BUILT-AREA ON BASEMENT FLOOR:- =2592.64 SQ. MT.

FIRE HYDRANT LEGEND

SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT SYSTEM PIPE MAIN
2		SINGLE HANDED HYDRANT VALVE
3		SLUICE VALVE
4		NON RETURN VALVE
5		LANDING HYDRANT VALVE
6		FIRE HOSE BOX
7		FIRST AID HOSE REEL
8		DC P & CO-2
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP
11		REDUCER
12		COURT YARD HYDRANT VALVE
13		SPRINKLERED

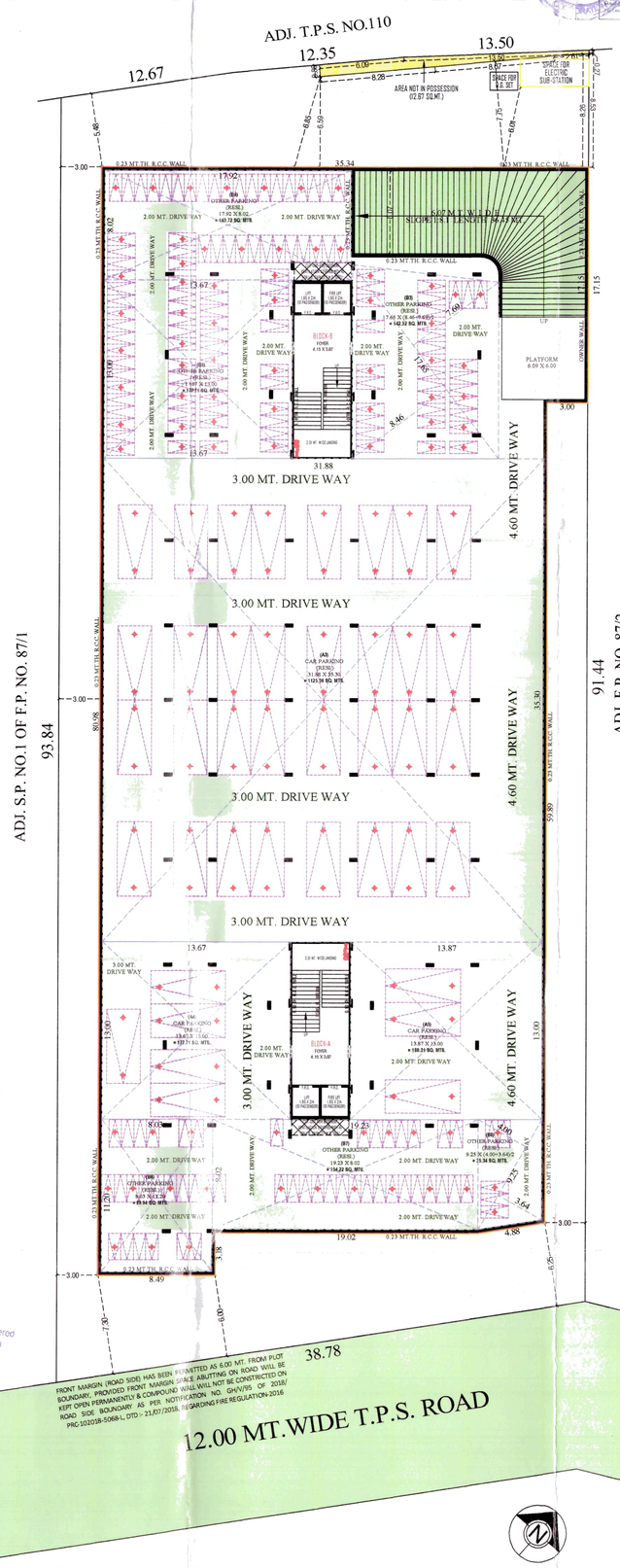


BUILT-UP AREA CALCULATION BASEMENT FLOOR PLAN
SCALE :- 1.00 CM = 4.00 MT.



FRONT MARGIN (ROAD SIDE) HAS BEEN PERMITTED AS 6.00 MT. FROM PLOT BOUNDARY, PROVIDED FRONT MARGIN SPACE ABUTTING ON ROAD WILL BE KEPT OPEN PERMANENTLY & COMPOUND WALL WILL NOT BE CONSTRICTED ON ROAD SIDE BOUNDARY AS PER NOTIFICATION NO. GHV/95 OF 2018/ PRC-102018-5068-L DTD :- 21/07/2018, REGARDING FIRE REGULATION-2016

GROUND LEVEL PARKING LAY OUT PLAN
[SCALE :- 1.00 CM. = 2.00 MT.]



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BASEMENT FLOOR PLAN WITH PARKING LAY OUT PLAN
[SCALE :- 1.00 CM. = 2.00 MT.]

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NO. 6731 Dt. 13/4/23
TDO, BPSP, AMC

GROUND LEVEL PARKING LAYOUT PLAN & BASEMENT PLAN WITH PARKING LAYOUT PLAN

SHEET NO.:- 3/6

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON S.P. NO. 2 OF F.P. NO.87/1 OF T.P.S. NO.119 (NIKOL) (DRAFT), [REVENUE SURVEY NO. 432/1 (O.P. NO. 87/1) OF MOJE.:- NIKOL, TALUKA:- ASARVA, DISTRICT:- AHMEDABAD]

SCALE:- 1.00 CM = 2.00 MT.

USE:- RESIDENCE

ZONE:- RESIDENTIAL-1 (R-1)

COLOUR NOTES:-

F. P. BOUNDARY		ROAD	
REVISED WORK		PERCOLATION WELL	
APPROVED WORK		COMMUNITY BIN	
PROPOSED DRAIN-LINE		TREE	
COMMON PLOT		SPRINKLER	
BASEMENT LINE			
NOT IN POSSESSION			

OWNER:- FOR, DEVAM DEVELOPERS PARTNERS

DEVELOPER:- Z AXIS INFRA LIC. NO. :-001DV17022610376 411, PLATINUM PLAZA, OPP. PAVILION MALL NIKOL , AHMEDABAD -382350

ENGINEER:- KIRAN N. PATEL AMC LIC NO. 001ERH27052500748 AMC LIC NO. 001SE28072510025 AMC LIC NO. 001CW10042700520 411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad

COW:- KETANKUMAR G. DOBARIYA AMC LIC. NO. 001CW01022710601 ADDRESS : C/53, NISHANT BUNGLOWS, NIKOL, AHMEDABAD CITY - 382350

STR. ENGINEER:- Hardik P Upadhyay Structure Engineer (Civil) A.M.C. LIC. NO. :SD06200808023

S.O.R.:- DIVYESH RAMESHBHAI RADADIYA AMC SOR LIC NO.- 001SR02032610730 ADD:- SAMDHIYALA, AMRELI-365440.

NOTES RELATED TO FIRE SAFETY & PREVENTION

1. HYYDRANT SYSTEM:
ON/OFF switches located near the hose reel hose or hydrant outlet, at each floor the main Fire Pump 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 buildings exceeding 18 meters and above 18 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 value 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 63 mm dia hose & 25 mm bore Hose-reel hose with 8 mm. 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 12.5 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 premisses where a Fire services vehicle can approach easily.
A permanent 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 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.

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

4. FIRE EXTINGUISHERS
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 their extinguishers installed.

5. STAIRCASE :
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 Riser/Down-comer should be located in the staircase or close to in to make it easily approachable in case of Fire from the floor below or above.

6. BASEMENT :
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.

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) SIGNAGES :
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 the 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 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 IDNIDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th 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 / Firerick / Public gathering Potential / Occupancy / Confined area, those additional measures / equipment have to be implemented / installed.

Basic Fire Notes Plan
Take online print of approved opinion and submitted plan copy The copies of plans are provide during final inspection of the fighting system.
After, the building is built and all the required fire safety and Protection equipment have been installed and after due inspection by the fire service officer in NOC can be issued.

NOTES RELATED TO CGDCR 2017

GENERAL NOTES :-
- 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 space and margin.
- The depth and position of existing municipal manhole is verified by on site and premises can get drainage connection.
- It is certify that according to CGDCR 2017 all 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 CGDCR 2017, the structure of the building is design 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 CGDCR 2017
- Pedestrians ramp is provided as per the provision of the clause no. 13.1.14 of CGDCR 2017
- Lift is provided as per the provision of the clause no. 13.12 of CGDCR 2017
- Water tank is provided as per the provision of the clause no. 13.6 of CGDCR 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 chapter no. 13.11 of CGDCR 2017.
- Electrical infrastructure shall be provided as per clause no. 13.11 of CGDCR 2017
- Drinking water facility for disabled persons is provide as per the clause no. 13.6.8 of CGDCR 2017
- Drainage facility is provided as per the clause no. 13.10 of CGDCR 2017
- Signages of the parking place is to be provided as per the clause no. 13.7 of the CGDCR 2017.
- Entrance of the building is provided as per the clause no. 13.1.6 of CGDCR 2017.
- The paving of building unit/final plot as per the provision of the clause no. 13.1.3 of CGDCR 2017.
- The structure of the building is as per the norms of the specified in the indian standard and take necessary action for the structural safety during the construction.
- Rain water storage tank and rain water harvesting system is provided as per the clause no. 17.2 of CGDCR 2017
- Community bin provided as per the provision of the clause no. 17.2.4 & 17.2.5 of CGDCR 2017.
- Tree plantation is provided as per the clause no. 17.4 of CGDCR 2017.
- Fire safety system is provided as per chapter no.14 of CGDCR 2017
- Fire safety provisions shall be made as per the fire prevention and life safety measures regulation-2016 and fire prevention and life safety measures act-2013.
- Maintenance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
- Marginal space & cellar slab shall have load bearing capacity of 45/60 tonnes per square meter shall be provided as per chapter no. 14 of CGDCR 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 CGDCR-2017.
- The placed surface area of the external facade shall be non reflective and provided upto max of 50% of the total surface area of each facade with the provision of safety railing upto sill level as per no.13.13 of c.g.d.c.r.-2017
- Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GHV/95 Of 2018/PRC-102018-5068-L, Dt:- 21/07/2018 Regarding Fire Regulation-2016

NOTES RELATED TO CGDCR 2017

RESPONSIBILITY (C.G.D.C.R.-2017 C.L. NO. 4.3.4 & 4.4) :-
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

Ahmedabad Municipal Corporation
Case No. : BHNTS/EZ/290622/CGDCRV/A6238/R1/M1 Zone: EAST
Plan Approved as per forms and condition mentioned in the Commencement Certificate
Raja Chitthi Number : 08176/290622/A6238/R1/M1
Date : 14/04/2023

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

AUTHORITY :-