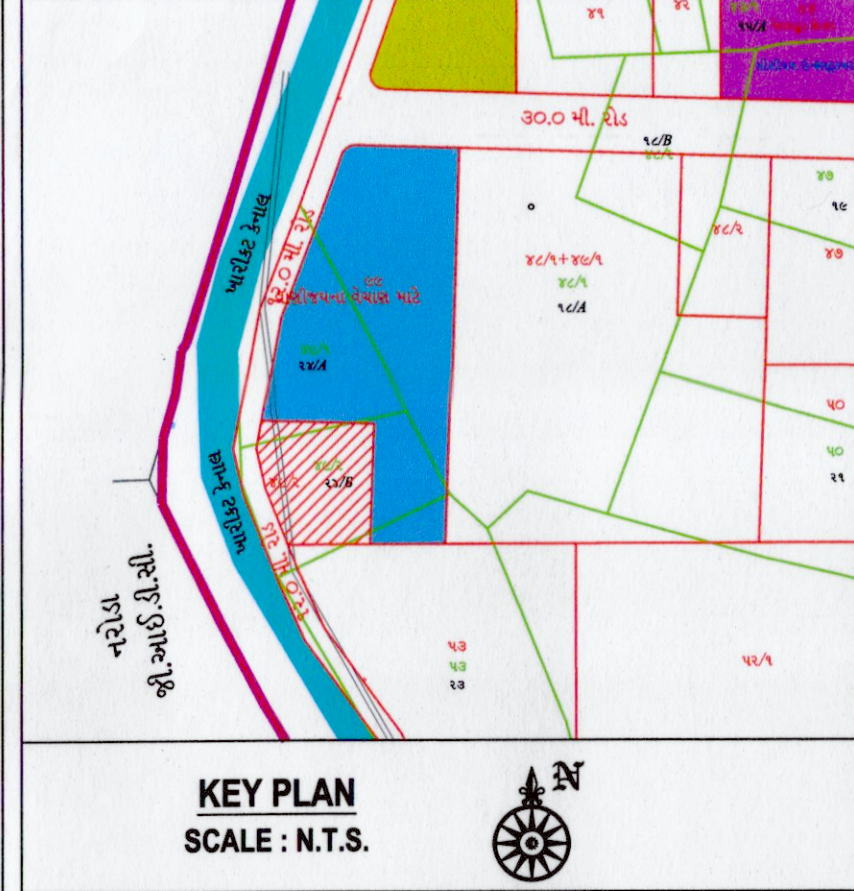


1	PLOT AREA	3551.00
2	PERMISSIBLE FSI	6391.80
3	PERMISSIBLE CHARGEABLE FSI	3195.90
4	MAX. PERMISSIBLE F.S.I. (2+3)	9587.70
5	TOTAL UTILITY F.S.I.	9522.00
6	UTILIZED CHARGEABLE F.S.I. (5-2)	3130.20
7	MAX. PERMISSIBLE F.S.I. COMMERCIAL	952.20

BLOCK	CONSUME F.S.I.			No. of Com.	RESIDENTIAL Dwelling Unit up to 50 sq.mt			RESIDENTIAL Dwelling Unit more than 50 sq.mt and up to 66 sq.mt			Dwelling Unit more than 66 sq.mt and up to 80 sq.mt			OTHER F.S.I.			COMM F.S.I.		
	COMM/ OTHER	RESI	TOTAL		Unit	No. of Unit	F.S.I. AREA	% USED F.S.I.	No. of Unit	F.S.I. AREA	% OF USED F.S.I.	No. of Unit	F.S.I. AREA	% OF USED F.S.I.	USED F.S.I.	% OF USED F.S.I.	F.S.I.	% OF USED F.S.I.	
A+B	10.80	9511.20	9522.00	0	170	7365.30	77.44	40	2145.90	22.54	0	0.00	0.00	10.80	0.00	0.00	0.00	0.00	
TOTAL	10.80	9511.20	9522.00	0	170	7365.30	77.35	40	2145.90	22.54	0	0.00	0.00	10.80	0.11	0.00	0.00	0.00	

Sr. No.	Dwelling Unit Type	NO. OF Unit	Used F.S.I.	% USED F.S.I.	Chargeable F.S.I.
A	COMMERCIAL UNIT	0	0.00	0.00	0.00
B	Up to 50 sq.mt	170	7365.30	77.35	2421.22
C	more than 50 and up to 66	40	2145.90	22.54	705.43
D	more than 66 and up to 80	0	0.00	0.00	0.00
E	With Aff. F.S.I. (40% slab)	0	10.80	0.11	3.55
Grand Total		210	9522	100.00	3130.20



ADJ. F.P. NO.: 99
63.60



LAYOUT PLAN
SCALE: 1 CM = 2.00 MT

SCRUTINIZE COPY
NO. 396/18/07/21
TDO, B.P.S.T. AMC

LIFT AREA CALCULATION - (AS PER CLAUSE NO. - 13.12)			
BLOCK	UNIT UP TO 3RD. TO 7TH. FLOOR	1 REQ. LIFT / 30 DWELLING UNIT (06 PERSON)	PROVIDED NO. OF LIFT
A+B	168	168/30 = 5.60 (06 x 06 = 36 PERSON)	2 (06 PERSON) 2 (12 PERSON)

FIRE NOTES :-
(01) ALL BASEMENT PARKING AND WPT SHALL BE FULLY SPRINKLERED
(02) ALL LOWER BASEMENTS SHOULD HAVE POSITIVE PRESSURE VENTILATION
(03) ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANCE DOORS

RESI. PARKING AREA CALCULATION :-			
REQ. CAR PARKING 50%	=	476.10	
REQ. OTHER PARKING 50%	=	476.10	
REQ. VISITOR PARKING 10%	=	95.22	
TOTAL	=	1047.42	

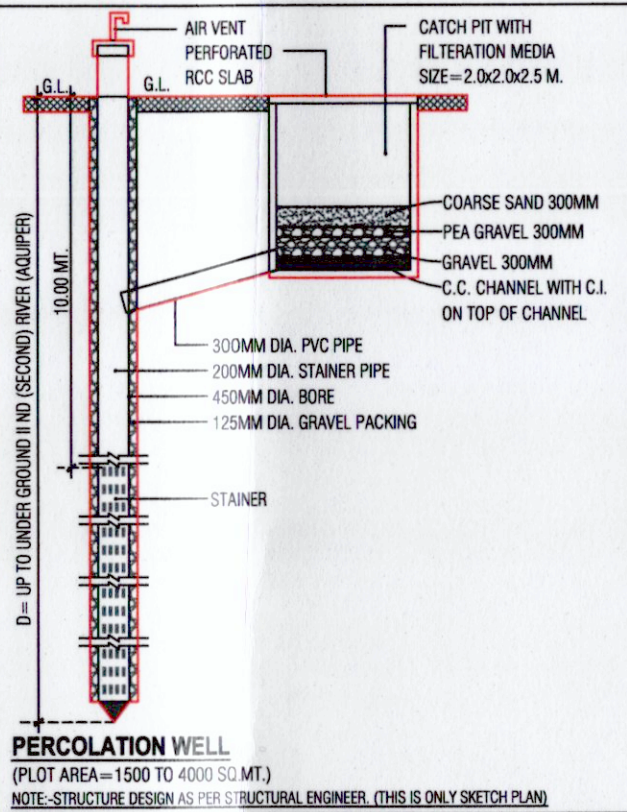
TOTAL REQ. PARKING			
CAR	GR. FL.	BASE.	TOTAL
476.10	369.53	604.54	974.07
476.10	461.52	353.54	815.06
95.22	176.80	326.93	503.73
TOTAL	1047.42	1285.91	2222.86

RESI. PARKING AREA CALC. :-			
IN H.P. (AB-01) 9.99 x 5.91	=	53.13 SMT.	
IN H.P. (AB-02) 15.56 x 11.48	=	233.02 SMT.	
IN H.P. (AB-03) 9.54 x 8.74	=	83.38 SMT.	
IN BASE (BA-01) 8.99 x 12.27	=	110.31 SMT.	
IN BASE (BA-02) 24.00 x 7.11	=	170.64 SMT.	
IN BASE (BA-03) 13.14 x 15.14	=	198.89 SMT.	
IN BASE (BA-04) 12.49 x 9.98	=	124.65 SMT.	
TOTAL	=	974.07 SMT.	

TOTAL CAR PARKING AREA = 974.07 SMT.			
OTHER PARKING			
IN H.P. (AB-04) 10.36 x 6.93	=	71.79 SMT.	
IN H.P. (AB-05) 15.08 x 22.00	=	331.76 SMT.	
IN H.P. (AB-06) 6.93 x 5.19	=	35.97 SMT.	
IN BASE (BA-05) 1/4 x (6.39 + 5.22) x 11.11	=	64.49 SMT.	
IN BASE (BA-06) 1/4 x (10.75 + 5.11) x 6.45	=	28.05 SMT.	
TOTAL	=	815.06 SMT.	

TOTAL OTHER PARKING AREA = 815.06 SMT.			
VISITOR PARKING			
IN H.P. (AB-07) 24.12 x 7.33	=	176.80 SMT.	
IN BASE (BA-07) 19.55 x 9.98	=	195.71 SMT.	
IN BASE (BA-08) 16.04 x 5.16	=	83.46 SMT.	
IN BASE (BA-09) 6.90 x 7.11	=	49.06 SMT.	
TOTAL	=	505.73 SMT.	

TOTAL VISITOR PARKING AREA = 505.73 SMT.			
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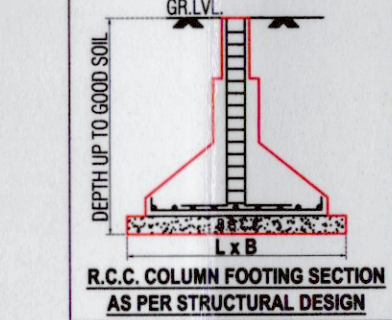


UNIT & AREA TABLE:-			
FLOOR	BLOCK-A+B	FLOOR	BLOCK-A+B
1st FLOOR	21	1st FLOOR	21
2nd FLOOR	21	2nd FLOOR	21
3rd FLOOR	21	3rd FLOOR	21
4th FLOOR	21	4th FLOOR	21
5th FLOOR	21	5th FLOOR	21
6th FLOOR	21	6th FLOOR	21
7th FLOOR	21	7th FLOOR	21
8th FLOOR	21	8th FLOOR	21
9th FLOOR	21	9th FLOOR	21
10th FLOOR	21	10th FLOOR	21
TOTAL	210	TOTAL	210

F.S.I. AREA TABLE:-			
FLOOR	BLOCK-A+B	FLOOR	BLOCK-A+B
1st FLOOR	21	1st FLOOR	21
2nd FLOOR	21	2nd FLOOR	21
3rd FLOOR	21	3rd FLOOR	21
4th FLOOR	21	4th FLOOR	21
5th FLOOR	21	5th FLOOR	21
6th FLOOR	21	6th FLOOR	21
7th FLOOR	21	7th FLOOR	21
8th FLOOR	21	8th FLOOR	21
9th FLOOR	21	9th FLOOR	21
10th FLOOR	21	10th FLOOR	21
TOTAL	210	TOTAL	210

1. HYDRANT SYSTEM:
On/off switches located near the hose reel or hydrant outlet, at each floor the main fire fighting at the underground water tank with a capacity to discharge 800 litres per minute at 1 bar pressure as measured at the service level should be installed.
The Rise for the buildings exceeding 18 metres and above 18 metres height should not be less than 100 mm. Internal diameter. The rise should be connected to the bottom of the service tank with stop valve and a NRV to act as a Down-come.
One riser is required for every 1000sq. metres 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 hose & 25 mm bore hose reel with 10 m. SS. Cou of each of each floor. The length of the hose reel should be enough to reach the furthest corner of the floor. Hose box with 15 metres long 63mm dia hose reel 12.5 mm. bore nozzle at alternate floors. The hose reel should be coupled to the floor.
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 63 mm dia 20m of hydrant valve should be installed at the terrace level.
Overhead tank having bypass connection should be done at the terrace level. The overhead tank shall be of a capacity of not less than 20,000 litres. The underground tank shall be of not less than 1,00,000 litres.
2. FIRE LIFT:
The Fire Lift and all the lifts should have a provision for control automatically in case of electric 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 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, and it prevents the lift well getting smokelogged.
3. FIRE ALARM:
Fire alarm call point to be installed at each floor with sounders capable of being heard throughout the building.
4. FIRE EXTINGUISHERS:
One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with 13M mark and one extinguisher of 4kg. Dry Chemical Powder (DCP) type extinguisher with 13M mark to be installed on each floor in case of commercial building.
One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with 13M mark. One Carbon Dioxide (CO2) type extinguisher of 2 kg. with 13M mark 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 open from at least one of two sides but if the staircase is in the centre of the building it has to be pressurized to prevent it from getting smokelogged.
The Rise/Down-comer should be located in the staircase to close it to make it easily accessible in case of fire from the floor below or above.
6. BASEMENT:
The basement of 200 sq. metres or more should be protected with Automatic Sprinkler system with at least one sprinkler head for actual Car parking space. Additionally to be protected by a Hydrant outlet and two 25 mm bore hose reel-hoses with 8 mm bore nozzle at each basement level.
7. LIGHTENING ARRESTER:
A lightning arrester should also be installed and be properly earthed to prevent damage to the building when the lightning 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 signages should be displayed at each floor / landing / hallway / door and along all exit routes leading to the ground level. The signages should indicate fire fighting & safety equipment present on the respective floor/landing/hallway/door 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.
(a) In the event of electrical power supply of the company this is to ensure the continuity 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 SAFETY SYSTEM
The fire safety 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 considered tests in 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 / Detector etc.) as per Fire load / Firework / 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 MAN
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 BYPASS CONNECTION
10		RISE OR DROP



RESIDENTIAL AFFORDABLE HOUSING PROJECT			
PLAN SHOWING PROPOSED RESIDENTIAL AFFORDABLE HOUSING BUILDING ON BLOCK NO. :- 24B, F.P.NO.:- 492, O.P. NO.:- 492, FINAL T.P. SCHEME NO. 75 (MUTHIVA - HANSTPURA), AT - HANSTPURA, TALUKA - ASARWA, DIST.:- AHMEDABAD. SHEET NO.:- 0105			
SCALE: 1 CM = 2.00 MT		ZONE: R (RESIDENCE ZONE - 1) USE: RESIDENTIAL (R.A.H.)	
AREA TABLE:-		REQD COMMON PLOT 10%	
PLOT AREA AS PER N.A.		3551.00	
PROVIDED COMMON PLOT		366.58	
PERMI. F.S.I. AREA (1:1.8)		3551.00 x 1.8	
PROPOSED F.S.I. AREA ON 1st FLOOR		952.20	
PROPOSED F.S.I. AREA ON 2nd FLOOR		952.20	
PROPOSED F.S.I. AREA ON 3rd FLOOR		952.20	
PROPOSED F.S.I. AREA ON 4th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 5th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 6th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 7th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 8th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 9th FLOOR		952.20	
PROPOSED F.S.I. AREA ON 10th FLOOR		952.20	
TOTAL USE F.S.I.		9522.00	
PERMI. PAYMENT F.S.I. @ 0.5 OF PLOT AREA (3551.00 x 0.50)		3195.90	
TOTAL CHARGEABLE F.S.I. (9522.00 - 6391.80)		3130.20	
BALANCE CHARGEABLE F.S.I. AREA		65.70	
CONTAINER BIN CALC. (RESIDENTIAL)		PERCOLATING WELL CALC. IN NOS.	
TOTAL NO. OF UNIT 210		REQ. 1500 TO 4000 SMT. = 1.00 NOS.	
PER UNIT REQ. 10 LITRS 1 CONTAINER		3552.00 / 4000.00 = 0.89 NOS.	
MAX. CAPACITY OF CONTAINER 80 LITRS		SAY REQ. WELL = 1.00 NOS.	
80 LITRS = 8 UNITS		PROVI. P.WELL = 1.00 NOS.	
TOTAL NO. = 210 / 8 = 26.25		COLOUR NOTE:-	
REQ. REFUSED CONT. = 27.00 NOS.		PLOT BOUNDARY: PROP. WORK: PROP. DRAW: ROAD: C.B. TREE: SPRINKLER: P.WELL: Q	
PROVI. CONTAINER BIN = 27.00 NOS.		COMMON PLOT AREA CALC. IN SMT.	
TREE PLANTATION CALC. IN NOS.		(A) 1/4 x (9.74 + 11.10) x 19.17 = 199.75	
REQ. 200.00 SQMT = 5 TREE		(B) 1/4 x (11.08 + 8.41) x 17.12 = 166.83	
3552.00 / 200 x 5 = 88.80		TOTAL = 366.58	
SAY REQ. TREE = 89.00		NET COMMON PLOT AREA = 366.58	
PROVIDE TREE = 89.00 NOS.			

BHUMI DEVELOPERS
Pravinkumar B. Bhandari
Nand Valtika, B/H. Nava Party Plot,
N. Shri Ram Chowk, Nava Nareda,
Asarwa, Ahmedabad-382230.
AMC LIC. No. 001DV31122510329

NIRMAL R. PATEL
2, Vinayak House,
Opp. Manglam Cinema, Odhav, AMC-382415.
AMC LIC. No. 001ERH3022610217

ENGINEER / C.O.W.

BHAU R. SUDANI
Regd. No. 001SE99322400326
P/401, S. G. Supersmart 11th,
Nr. Gota Bridge, AHMEDABAD.
M: 9712382080

KARNATI DEVELOPERS

STRENGEER

OWNER

NIRMAL R. PATEL
2, Vinayak House,
Opp. Manglam Cinema, Odhav, AMC-382415.
AMC LIC. No. 001SR04022610656

S.O.R.

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, SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES IMPOSED UNDER THE ACT, THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TOWN AND LOCAL ACTS.

LIABILITY (C.G.D.C.R. 2017 C.I. 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.

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Ahmedabad Municipal Corporation

Case No.: BHNTS/NZ/20821/CODCR/AS/095/R0/M1 Zone: NORTH

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

Raja Chitthi Number: 95229/20821/AS/095/R0/M1

Date: 08/10/2021

T.D. Sub Inspector (B.P.S.P.)

T.D. Inspector (B.P.S.P.)

Asst. T.D.O. (B.P.S.P.)

AUTHORITY