PLAN SHOWING PROP. COMM.+RESI. BLDG. ON REV. SUR.: 1036, F.P.NO.: 27+30/2, O.P.NO.: 30, DRAFT T.P.S.NO.: 105 (VASTRAL), AT: VASTRAL, TA.:- A'BAD CITY EAST , DIST.:- AHMEDABAD.

SCALE : 1.00 CM = 1.00 MT — BLOCK : A

ZONE : RESIDENCE - 1 — USE : COMMERCIAL+RESIDENCE

AREA TABLE	IN SQ. MTS.
PLOT AREA OF F.P.NO.27+30/2(AS PER T.P.O. OPINION)	1189.00
PROP. BUILT UP AREA ON GR.FL. (302.59+182.16)	484.75

AREA TABLE					IN SQ. MTS.
FLOOR	USE	UNIT	FL.AREA	F.S.I AREA	B.UP AREA
BASEMENT	PARKING	----	----	----	781.14
GR. FL. (H.P.)	PARKING	----	----	----	302.59
GR. FL. (S.P.)	COMM.	5	182.16	182.16	182.16
1st.FL.	RESI.	5	432.43	432.43	476.72
2nd.FL.	RESI.	5	432.43	432.43	476.72
3rd.FL.	RESI.	5	432.43	432.43	476.72
4th.FL.	RESI.	5	432.43	432.43	476.72
5th.FL.	RESI.	5	432.43	432.43	476.72
6th.FL.	RESI.	5	432.43	432.43	476.72
7th.FL.	RESI.	5	432.43	432.43	476.72
STAIR CABIN	----	----	----	----	43.28
LIFT MACH. & O.H.Mt.T	----	----	----	----	41.04
TOTAL	COMM.+RESI.	5x35=40	3209.17	3209.17	4687.25
CHARGEABLE F.S.I. AREA					1068.97

SCHEDULE OF OPENING

DOOR	WINDOW	VANTILATION	R.C.C STAIR DETAIL	
D1 = 1.07 x 2.10	W1 = 2.02 x 1.20	V = 0.63 x 0.60	1.60 MT	WIDTH
D2 = 0.90 x 2.10	W2 = 1.22 x 1.20		0.25 MT	TREAD
D3 = 0.76 x 2.10	W3 = 0.95 x 1.20		0.17 MT	RISER
	W4 = 0.80 x 1.20			
	W5 = 0.53 x 1.20			

COLOUR NOTE

PROP WORK — PROP DRAINAGE — PATH WAY — CHARG. F.S.I.

SANITORY PROVISION

GR.FL.

FLOOR AREA = 182.16 SQ.MT.

182.16 / 4 = 45.54 SAY 46 USERS

46/20 (WMN) , 1/20 MALE USERS = 46/20 } 1 NOS.

46/20 WC 1/20 USERS = 46/20 } 3 NOS. WC

= 3 NOS. W.C. TOILET

PROVIDED

TOTAL PROV. TOILET 1 NOS. PER GENDER (SEPARAL)

	NOS.	PROV.
GENTS	1	1
LADIES	1	1

1 TOILET DISABLE PERSON

OWNER

KANSAS CORPORATION
CIN-U73210120
(MUKESHBHAI RABADIYA)
2ND FLOOR, KANAN HOUSE,
JAWAHAR CHOWK, MANINAGAR,
AHMEDABAD-8.

PATEL ANKURKUMAR C.
HOUSE NO. 7/120,
TALPAD VISHAG,
VILLAGE-AMBASAN,
MEHSANA-384435
ER-0947040719
CW-0566000318 (GRADE-I)

ENGINEER/C.O.W.

SHAH DIGANT MUKUNDBHAI
B3, Embassy Market,
Nr. Dinesh Hall,
Ashram Road, Ahmedabad-380 009.
RN A11120071318 R1

ST-ENGINEER

AUTHORITY

Ahmedabad Municipal Corporation
Case No: BL/ST/EZ/191114/GDR/A/1208/R5/01 Zone: East
Plan Approved as per terms and conditions mentioned in The Commencement Certificate
Registration No.: ST/TD/191114/UU/01/R1
Date: 30/10/21
Sd/- Sd/- Sd/-
Sub Engineer Asst. T.D.O.Asst. E. Executive Engineer
Sub Engineer (Civic Center) By TDO East By Dy. TDO East
Dy. Engineer (Civic Center) By Dy. Engineer (Civic Center) East

1. HYYDRANT 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 at 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 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 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 these 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 bellow 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 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 this 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.INDIVDUAL FIRE SEFTY SYSTEM

FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:

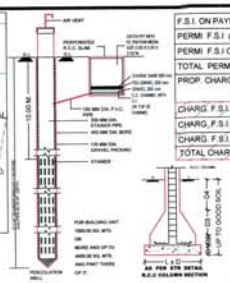
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection system / Active system / Sprinkler / Drencher etc.) as per Fire load / Firerick / Public gathering, Potential / Occupancy / Confined area, those additional measures / equipment have to be implemented / installed.

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

NOTES :-
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS WARRIED ME ON SITE AND PROMISED GATEDRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO DRAFT GDR 2013 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE DRAFT GDR, THE STRUCTURE OF THE BUILDING DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF STAIRCASE AND HANDING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.12 AND 23.14 AND 24.6 OF DRAFT G.D.R.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.3 , OF DRAFT G.D.R.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF DRAFT G.D.R.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF DRAFT G.D.R.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHAPTER NO. 24 OF DRAFT GDR.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE DRAFT GDR.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.1 OF DRAFT GDR.
- THE PAVING OF BUILDING UNIT/PIN, PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.1.4 OF DRAFT GDR.
- THE STRUCTURE OF THE BUILDING IS AS PER THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND THE NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- MAIN WATER STORAGE TANK AND MAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.2 OF DRAFT GDR 2013.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF DRAFT GDR.
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF DRAFT GDR.
- MAINTAINANCE AND UPGRADATION OF BUILDING IS AS PER CHAPTER NO. 29 OF DRAFT GDR 2013.
- EXTERNAL FACED AREA PROVIDED 50% AS PER GDR-2013.

KEY PLAN
SCALE: 1.00 CM. = 1.00 MT.



F.S.I. ON PAYMENT AREA TABLE	IN SQ. MTS.
PERMI. F.S.I @(1.1.8 (1189.00 x 1.8)	2140.20
PERMI. F.S.I ON CHARG. AREA @ 0.90%	1070.10
TOTAL PERMI. F.S.I. AREA	3210.30
PROP. CHARGEABLE F.S.I. AREA (3206.17 - 2140.20)	1068.97
	BLOCK: A
CHARG. F.S.I. AREA 5th FLOOR	204.11
CHARG. F.S.I. AREA 6th FLOOR	432.43
CHARG. F.S.I. AREA 7th FLOOR	432.43
TOTAL CHARGEBALE F.S.I. AREA	1068.97

PERCOLATING WELL CALC:-
REQ. 1500 TO 4000 SMT= 1 NOS.
(189.00 / 4000.00 = 0.30 NOS.
(AV REQ. P.WELL = 1 NOS.
(ROVI. P. WELL = 1 NOS.

TREE PLANTATION CAL. :
PLOT AREA = 1189.00 SQ.MT.
1189.00 / 200.00 x 3 = 17.85 NOS.
SAY 18 NOS.
PROVIDE 18 NOS. TREE.

CONTAINER BIN AREA CAL.
RESI : 1 UNIT 10 LIT. REQ. 1 CONTAINER
TOTAL UNIT 40 x 10 LIT. = 400 LIT.
400/80 = 5 SAY 5 NOS. CONT.
R(EQ). 5 NOS BIN OF 80 LIT CAP.
P(ROVI). 5 NOS BIN OF 80 LIT CAP.
COMM : 100 SQ.MT. CARPET AREA
1 NOS BIN OF 20 LIT. CAP.
TOTAL CARPET 182.16 x 20 / 100 = 36.43 LIT.
36.43 / 80 = 0.46 SAY 1 NOS CONTAINER

BUILT UP AREA CALC. FOR EACH UNIT BLOCK:- A (GR. FL.) (COMM.) ON SQ. MT.S		
SHOP NO.: 1	2.01 x 1.24 = 2.49 3.98 x 9.05 = 36.03	
	TOTAL	= 38.52
SHOP NO.: 2	1.83 x 1.24 = 2.27 3.315 x 9.05 = 30.05	
	TOTAL	= 32.27
SHOP NO.: 3	1.24 x 1.64 = 2.03 3.125 x 9.05 = 28.28	
	TOTAL	= 30.31
SHOP NO.: 4	3.52 x 10.28	= 34.13
SHOP NO.: 5	3.98 x 10.28	= 40.91

BUILT UP AREA CALC. IN SQ.MTS. HALLOW PLINTH	
NET B.A ON GR.FL.	= 484.75
LESS:- B.A ON GR.FL (S.P.)	= 182.16
NET B.A. ON H.P (484.75-182.16)	= 302.59

B.UP & F.S.I. AREA CALC. GR. FL. PLAN (COMM. SHOP)	IN SQ.MTS.
17.72 x 10.28	= 182.16
NET B.UP & F.S.I. AREA ON GR. FL. (COMM. SHOP)	= 182.16 SQ.MTS.

BUILT UP AREA CALC. GR. FL.	IN SQ.MTS.
17.72 x 31.01	= 549.50
LESS:-	
(1) 1.10 x 1.37	= 1.51
(2) 0.38 x 6.44	= 2.45
(3) 3.54 x 1.33	= 4.71
(4) 3.01 x 2.67	= 8.04
(5) 7.62 x 0.91	= 6.93
(6) 5.60 x 3.51	= 19.66
(7) 3.81 x 3.81	= 14.52
(8) 7.62 x 0.91	= 6.93
TOTAL LESS	= 64.75
NET B.A. ON GR. FL. (549.50 - 64.75)	= 484.75

UNIT AREA TABLE

BLOCK:- A		IN SQ. MTS.
FLOOR	FLAT NO.	UNIT BUILT UP AREA
GR.FL.	1	38.52
	2	32.27
	3	30.31
	4	34.13
	5	40.91
1st.FL.	101	92.89
	102	92.40
	103	61.29
	104	92.58
	105	92.91
2nd.FL.	201	92.89
	202	92.40
	203	61.29
	204	92.58
	205	92.91
3rd.FL.	301	92.89
	302	92.40
	303	61.29
	304	92.58
	305	92.91
4th.FL.	401	92.89
	402	92.40
	403	61.29
	404	92.58
	405	92.91
5th.FL.	501	92.89
	502	92.40
	503	61.29
	504	92.58
	505	92.91
6th.FL.	601	92.89
	602	92.40
	603	61.29
	604	92.58
	605	92.91
7th.FL.	701	92.89
	702	92.40
	703	61.29
	704	92.58
	705	92.91

GR.FL. (UNIT B.A. CALC.)
SCALE: 1.00 CM. = 2.00 MT.

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