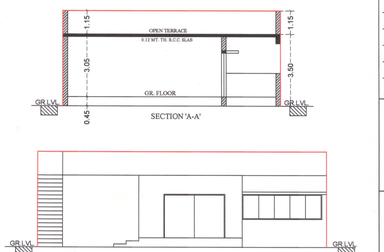
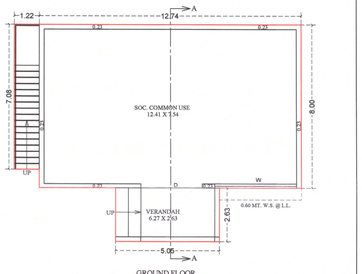
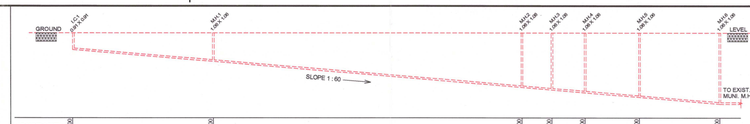
SOC. COMMON USE GR. FLOOR	
(1) 12.74 X 08.00 X 1	= 101.92 SQ.MT.
(2) 05.05 X 02.63 X 1	= 13.28 SQ.MT.
(3) 01.22 X 07.08 X 1	= 8.64 SQ.MT.
TOTAL BUILT UP AREA	= 123.84 SQ.MT.

COMMON PLOT - 1	
PARK. B.AERA IN COMMON PLOT AREA	981.46 SQ.MT.
PERM. B.AERA @ 15 % OF COM. PLOT AERA ON GR.FLR.	981.46 X 0.15 = 147.22 SQ. MT.
PROP. B.AERA IN COMMON PLOT AERA	
(1) SOC. COMMON USE	= 123.84 SQ.MT.
(2) SUB STATION	= 21.96 SQ. MT.
TOTAL	= 145.80 SQ. MT.

AS PER CGDCR CLAUSE NO.4.17.5
5 (c) Community/ Society common facility shall be permitted on a Common Plot. The area of this Community/Society common facility built up area shall not be considered towards computation of FSI of the Building Unit. Community facilities with common plot shall be hand over to the association of allottees as the case may be as per The Real Estate (Regulation and Development) Act,2016.







GROUND LEVEL	30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00
DISTANCE		0.00		1.00		10.21		14.21		19.21		24.21		26.21		27.21	
CUTTING		0.00		1.00		10.21		14.21		19.21		24.21		26.21		27.21	
INVERT LEVEL	29.25	28.75	28.66	28.36	28.23	28.00	27.38	27.26	27.14	27.02	26.90	26.78	26.67	26.43	26.31	26.19	26.07

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

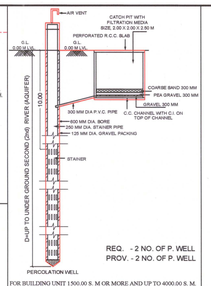
REQ. LIFT CALCULATION :- (BLOCK:- A)	
TOTAL NOS.OF UNIT	= 52 NOS
LESS UNIT OF G.F.+2 FLR.	= 08 NOS
TOTAL UNIT REMAINING	= 44 NOS
REQ. LIFT 1 NOS. PER 30 UNIT	
TOTAL LIFT REQD.	= 44/30 = 1.47 NOS
	= SAY 2 NOS
REQ. 2 NO. LIFT OF 6 PASSENGER	
PROVI. 2 NO. LIFT OF 6 PASSENGER	

REQ. LIFT CALCULATION :- (BLOCK:- B+C)	
TOTAL NOS.OF UNIT	= 84 NOS
LESS UNIT OF G.F.+2 FLR.	= 08 NOS
TOTAL UNIT REMAINING	= 76 NOS
REQ. LIFT 1 NOS. PER 30 UNIT	
TOTAL LIFT REQD.	= 76/30 = 2.53 NOS
	= SAY 3 NOS
REQ. 3 NO. LIFT OF 6 PASSENGER	
PROVI. 2 NO. LIFT OF 6 PASSENGER	

LIFT CALCULATION (COMMERCIAL) (BLOCK :- B+C)

Total Built-up Area 3rd to 4th Floor. = 2817.74 Sq.mts
[Excluding Ground, 1st & 2nd Floor]
1200.00 Sq.mts Built-up Area : Required 1nos. Lift of 6 Person Capacity
Total B. A. = 2817.74 / 1200 = Required 2.35 Nos Lift(Says 3 Nos. lift)
Required 3 Nos of Lift of 6 Person Capacity.
Provide 2 Lift of 12 Person Capacity.
Provide 1 Lift of 8 Person Capacity.
Total 32 Passenger Capacity Lift Provided.

BUILT UP AREA CALC. :-
(ELECTRIC S/S TRANSFORMER)
3.66 X 6.00 = 21.96 SQ. MT.
NET BUILT UP AREA ON ELECTRIC S/S
= 21.96 SQ. MT.



REQ. - 2 NO. OF P. WELL
PROV. - 2 NO. OF P. WELL

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

COMMON PLOT AREA CALCULATION:-	
NET PLOT AREA = 7952.00 SQ.MTS	
REQ. COMMON PLOT @ 10%	795.20 SQ.MT.
COMMON PLOT - 1	
(1) 24.36 X 40.29 X 1	= 981.46 SQ.MT.
COMMON PLOT - 2	
(1) 23.07 X 24.84 X 1	= 573.06 SQ.MT.
TOTAL PROV. COMMON PLOT	= 1554.52 SQ.MT.

TREE PLANTATION
UP TO 500 (100+200+200)
PLOT AREA NO. OF TREES 4+4+4 = 12 NOS.
TREES AFTER FIVE EVERY 200 SQ.MT.
NO. OF TREE REQ. = 5
7952.00 - 500.00 = 7452/200 = 37.26 SAY 38 NOS.
NO. OF TREE
= 12+38 X 5
= 12+190 = 202 NO. OF TREES REQ.
PROVI. 202 NO. TREES

REQ. PERCOLATING WELL
PLOT AREA :- 1500 TO 4000 SQ. MTS.
1 PERCOLATING WELL
PLOT AREA = 7952.00 / 4000.00 SQ. MTS.
= 1.99 NO. REQ. SAY 2 NOS.
PROVI. 2 NO.PERCO. WELL

DUST-BIN PROVIDED NOTES:-(RES.)
8 NOS. OF COMMUNITY BIN EACH OF 80 LITRES CAPA. SHALL BE PROVIDED IN MARGINAL OPEN SPACE
PROVIDED = 8 UNITS / 1BIN / 80 LITRES CAPACITY.
REQUIRED = 136 UNITS / BUNITS / = 17.00 NOS. REQD.
PROVIDED CONTAINER = 17 NOS.

DUST-BIN PROVIDED NOTES:- (COMM.)
TOTAL FLOOR AREA FOR SHOPS = 6596.41 SQ.MT.
SHALL BE PROVIDED IN MARGINAL OPEN SPACE
CONTAINER REQD. = 6596.41 X 20 / 100 X 80 = 16.48 NO.
SAY 1 NO. OF CONTAINER OF CAPACITY 80.0 LITRE
MAX. CAP. OF CONTAINER = 80.0 LIT.
PROVIDED CONTAINER = 17 NO
TOTAL C.BIN PROVIDED = 17 NO.FOR RES + 17 NO. FOR COMM.
= 34 NO.OF 80 LIT.CAPACITY

EQ. TENAMENT STATEMENT					
FLOOR	USE	EQUITY TENA.			
BLOCK		A	B+C		TOTAL
		RESI	COMM	RESI	COMM
GROUND (H. P.)	PARK.	--	--	--	--
GROUND (S. P.)	SHOP	--	28	--	28
1ST FLOOR	RESI./COMM.	04	28	04	28
2ND FLOOR	RESI./COMM.	04	27	04	27
3RD FLOOR	RESI./COMM.	04	27	04	27
4TH FLOOR	RESI./COMM.	04	27	04	27
5TH FLOOR	RESI	04	--	--	08
6TH FLOOR	RESI	04	--	08	--
7TH FLOOR	RESI	04	--	08	--
8TH FLOOR	RESI	04	--	08	--
9TH FLOOR	RESI	04	--	08	--
10TH FLOOR	RESI	04	--	08	--
11TH FLOOR	RESI	04	--	08	--
12TH FLOOR	RESI	04	--	08	--
13TH FLOOR	RESI	04	--	08	--
TOTAL	SHOP/RESI	52	137	84	137	136

FLOOR AREA STATEMENT				(IN SQ.MT.)
BLOCK	A	B+C		TOTAL
GROUND (S. P.)	---	1369.73		1369.73
1ST FLOOR	417.62	1850.57		2268.19
2ND FLOOR	424.92	1670.90		2095.82
3RD FLOOR	417.62	1663.91		2081.53
4TH FLOOR	424.92	1705.76		2130.68
5TH FLOOR	417.62	858.03		1275.65
6TH FLOOR	424.92	847.22		1272.14
7TH FLOOR	417.62	833.23		1250.85
8TH FLOOR	424.92	847.22		1272.14
9TH FLOOR	417.62	833.23		1250.85
10TH FLOOR	424.92	847.22		1272.14
11TH FLOOR	417.62	833.23		1250.85
12TH FLOOR	445.58	888.59		1334.17
13TH FLOOR	445.58	888.59		1334.17
TOTAL	5521.48	15937.43		21458.91

COMM. B.UP AREA STATEMENT	
FLOOR	BLOCK.-B+C (IN SQ.MT.)
GROUND (S. P.)	1619.48
1ST FLOOR	1578.10
2ND FLOOR	1391.44
3RD FLOOR	1391.44
4TH FLOOR	1426.30
TOTAL	7406.76

COMM. F.S.I. AREA STATEMENT	
FLOOR	BLOCK.-B+C (IN SQ.MT.)
GROUND (S. P.)	1369.73
1ST FLOOR	1437.95
2ND FLOOR	1251.29
3RD FLOOR	1251.29
4TH FLOOR	1286.15
TOTAL	6596.41

BUILT UP AREA STATEMENT			(IN SQ.MT.)
BLOCK	A	B+C	TOTAL
BASEMENT	--	6259.34	6259.34
GROUND (H. P.)	637.35	691.56	1328.91
GROUND (S. P.)	--	1619.48	1619.48
1ST FLOOR	496.67	2166.66	2663.33
2ND FLOOR	503.97	2006.99	2510.96
3RD FLOOR	496.67	2000.00	2496.67
4TH FLOOR	503.97	2041.85	2545.82
5TH FLOOR	496.67	1181.33	1678.00
6TH FLOOR	519.75	1041.95	1561.70
7TH FLOOR	496.67	994.90	1491.57
8TH FLOOR	519.75	1041.95	1561.70
9TH FLOOR	496.67	994.90	1491.57
10TH FLOOR	519.75	1041.95	1561.70
11TH FLOOR	496.67	994.90	1491.57
12TH FLOOR	524.63	1050.26	1574.89
13TH FLOOR	524.63	1050.26	1574.89
Soci. Office (G.F.)	123.84	---	123.84
SECURITY CABIN	4.00	---	4.00
SUB STATION	21.96	---	21.96
STAIR CABIN	66.51	135.97	202.48
LIFT MAC. ROOM	42.09	85.46	127.55
METER ROOM	18.99	57.74	76.73
TOTAL	7511.21	26477.45	33988.66

F.S.I. AREA STATEMENT				(IN SQ.MT.)
BLOCK	A	B+C		TOTAL
		COMM.	RESI.	TOTAL
GROUND (S. P.)	---	1369.73	---	1369.73
1ST FLOOR	417.62	1437.95	412.62	1850.57
2ND FLOOR	424.92	1251.29	419.61	1670.90
3RD FLOOR	417.62	1251.29	412.62	1663.91
4TH FLOOR	424.92	1286.15	419.61	1705.76
5TH FLOOR	417.62	---	858.03	858.03
6TH FLOOR	424.92	---	847.22	847.22
7TH FLOOR	417.62	---	833.23	833.23
8TH FLOOR	424.92	---	847.22	847.22
9TH FLOOR	417.62	---	833.23	833.23
10TH FLOOR	424.92	---	847.22	847.22
11TH FLOOR	417.62	---	833.23	833.23
12TH FLOOR	445.58	---	888.59	888.59
13TH FLOOR	445.58	---	888.59	888.59
TOTAL	5521.48	6596.41	9341.02	15937.43

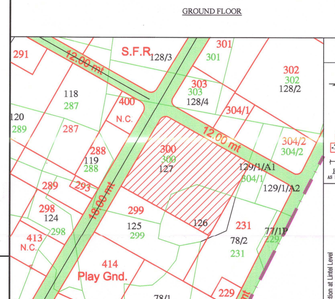
BLOCK :- A	SHEET NO:- 1/6
LAY-OUT PLAN SHOWING PROPOSED RESIDENTIAL AND COMMERCIAL BUILDING ON F.P. NO. 300 OF D.T.P.S.NO. 65 (JAGATPUR - TRAGAD - CHANDKHEDA - CHENPUR - RANIP) [R.S.R.NO. 127 (O. P. NO. 300) OF MOJE -CHENPUR , TA.:-GHATLODIYA , DIST :-AHMEDABAD	
LAY OUT	SCALE:- 1C.M. = 2 MT.
USE : RESIDENTIAL + COMMERCIAL	
ZONE :- RESIDENTIAL - R1	

AREA TABLE	SQ.MTS.
PLOT AREA OF E.P. NO. 300	7952.00
REQ. COMMON PLOT AREA @ 10%	795.20
PROVI. COMMON PLOT AREA	1554.52
PERMI. F.S.I - (1.80 X 7952.00)	14313.60
CHARGEABLE F.S.I.. (0.90 X 7952.00)	7156.80
TOTAL PERMI. F.S.I. (14313.60+7156.80)	21470.40
TOTAL UTILIZED F.S.I.	21458.91
UTILIZED CHARGEABLE F.S.I.	7145.31

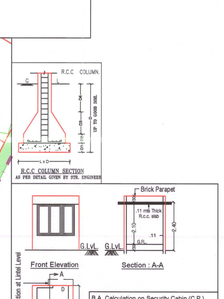
COLOUR NOTES:-
O. P. BOUNDARY, F. P. BOUNDARY, PROP. WORK, PROP. DRAIN-LINE, COMMON PLOT LINE, ROAD, P. WELL, COM. BIN., TREE, BASEMENT LINE

RIDHAM CORPORATION
PARTNERS

OWNER:	
KETAN K. PATEL B.E. MECHANICAL 2/2, VARDYUTH COMPLEX, OPP.BASPAN PARTY PLOT, NIKOL, AHMEDABAD - 50. A.MC.NO.ER. - 011402082153	RAJESH P. PATEL B.E. MECHANICAL REG. NO. ID-20091-0001/0000 101,AYARNYA APARTMENTS, FR.HIRA COLONY, NR. SHIVALAYA, OPP. UMIYA BRIJBHUMI, UJJISANAPURA, A'BAD - 380013
ENGINEER:	STR. ENGINEER:
MANOJ L KANANI 19, PADMA BUNGLOWS-1, OPP.SEKAM BUNGLOWS, SOLA CIVIL,AHMEDABAD-380060. A.M.C./GEN.-/05/2002/2500/225	RIDHAM DEVELOPERS B.E.MECHANICAL SUTAV ALIKA , OPP. NALANDA ENCLAVE, NR. JODHPUR CROSSROAD, A'BAD - 380015 A.M.C./GEN.-/05/2002/2500/225
C.O.W.:	DEVLOPER:



KEY - PLAN
SCALE :- 1.00 CM. = 20.00 MT.



B.A. Calculation on Security Cabin (C.P.)	
Block : 2.00 x 2.00	= 4.00 Sq.mts
Net B.A. on Security Cabin	= 4.00 Sq.mts
Schedule Of Opening	
D = 0.76 x2.10 W = 1.61x1.22	

FIRE HYDRANT LEGEND

SR.	SYMBOL	DESCRIPTION
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

The Basic Requirements For Fire Protection Of High-Rise Building In A.M.C. and A.U.D.A. Area

1. HYDRANT 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 the 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 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 each floor level.
Each floor should have one hydrant outlet with a coupling for attaching a 63 mm dia. hose. A 25 mm bore Hose-reel hose with 8 mm. S/S. 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 2 nos 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 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 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) ISI mark to be installed on floor in case of commercial building.
Two Carbon Dioxide (Co2) type extinguisher of 2 kg. with ISI mark capacity on each floor and 5kg. Dry Chemical Powder (DCP) type extinguisher with ISI mark on alternate floors in case of residential buildings.
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 center 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. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly berthed to prevent damage to the building when the lightening strikes.

7. 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 the time of fire.

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's should be displayed at each floor / landing / pathwy / dead-end and along all exit routes landing to the ground level. The signage should indicate fire fighting, fire safety, first-aid and other safety equipement present on the respective floor / landing / pathway / dead - end and along all exit routes leading to the ground level.

10. IMPORTANT INSTRUCTIONS :
After inspection of a low-rise building by the fire services authority , If the officer concerned feels the need for additional fire prevention / protection / ventilation system required or equipement (I.E. passive system / sprinkler / drencher etc.) as per fire load / fire risk / public gathering. potential / occupancy / confined area, those additional measures / equipement have to be implemented / installed.

GENERAL NOTES [AS PER CGDCRV 2017]
- It is certified that plot under reference is surveyed by me and dimensions of all side of plot and plot area as and 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 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 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 CGDCR 2017.
- Drinking Water Chemical Free disinfited premises is provided as per 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 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 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 the clause no. 17.2 of CGDCR 2017.
- Community bin provided as per the provision of the clause no. 17.2.4 and 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 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 CGDCR 2017.
- Marginal space & basement slab shall have load bearing capacity of 40(tn) tonnes per square meter shall be provided as per chapter no. 14 of CGDCR 2017. and fire prevention And fire safety act-2016.
- Fire Safety Provision Shall Be Provided As Per A.M.C. Fire And Emergency Service Department Opinion Letter No._____ Date :- _____

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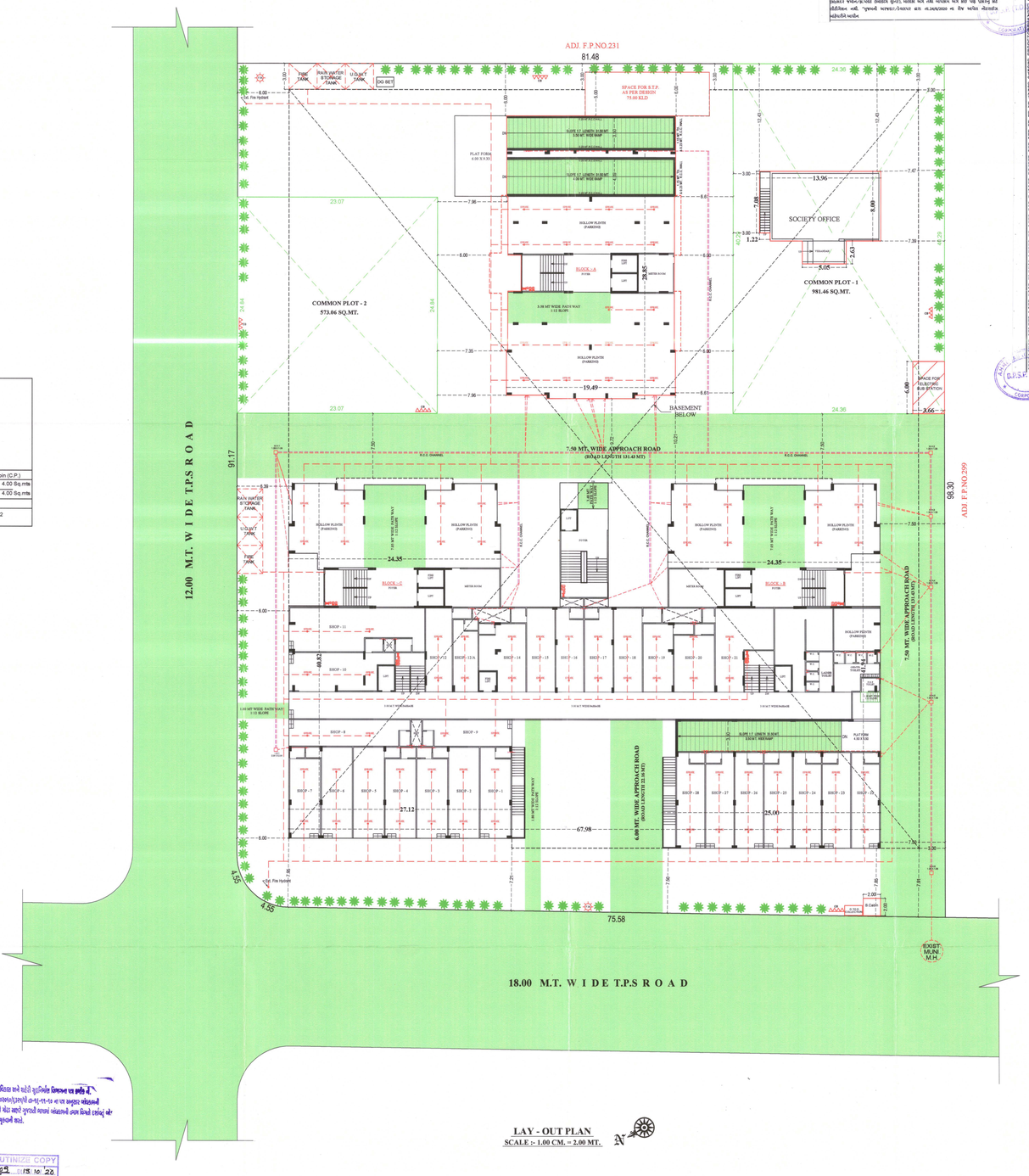
TDO, BPSP, AMC



LAY - OUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

આકારી મિલકત અને આકારી મુલ્યનિર્ણય પ્રમાણપત્ર રજા ક્રમાંક :- ૧૭૪૧/૨૦૧૭-૧૮/૬૨૫૧ તા.૦૧-૧૧-૧૭ ના રોજ અમદાવાદ મહાનગરપાલિકા જમીનમાં નીચે મહેસૂલી ગામના અંદાજમાં દર્શાવ કિંમતે ચોરસમીટર દીઠ રૂપિયાનું નોંધ કરવામાં મુજબનો થતો.

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TDO, BPSP, AMC

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

RESPONSIBILITY OF G.D.C.R.-2017 C.L.NO. 1.4.4 & 4.5 :
THE OWNER AND THE ARCHITECT OR ENGINEER SHALL BE THE ONLY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SUBMITTED BY THEM AND ACCEPTED BY THE AUTHORITY AS A GUIDE TO OF MUNICIPAL SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES, IMPOSED UNDER THE ACT, THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LOCAL ACTS.
LIMITATION OF G.D.C.R.-2017 C.L.NO. 1.9.2 :-
THE GRANT OF 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 CAUSED TO ANY PERSON OR PROPERTY ARISING OUT OF SUCH WORK. MMA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IS THIS REGARD SHALL BE CAST ON THE AUTHORITY

Ahmedabad Municipal Corporation
Permission to Development
Zone: NCHTP WEST
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chitthi Number : 03874/11111/A2962/R/M1
Date : 20/10/2020

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

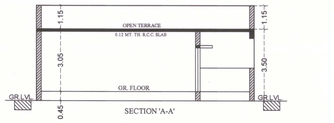
AUTHORITY:

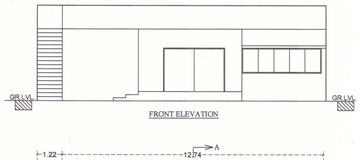
SOC. COMMON USE GR. FLOOR	
(1) 12.74 X 08.00 X 1	= 101.92 SQ.MT.
(2) 06.05 X 02.63 X 1	= 13.28 SQ.MT.
(3) 01.22 X 07.08 X 1	= 8.64 SQ.MT.
TOTAL BUILT UP AREA	= 123.84 SQ.MT.

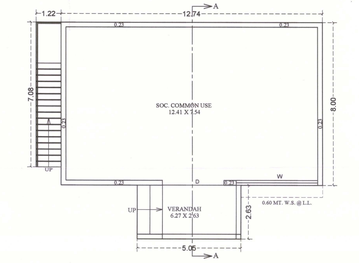
COMMON PLOT - 1 AREA = 981.46 SQ.MT.	
PERM. B.AERA @ 15 % OF COM. PLOT AERA ON GR.FLR. 981.46 X 0.15 = 147.22 SQ. MT.	
PROP. B.AERA IN COMMON PLOT AERA	
(1) SOC. COMMON USE	= 123.84 SQ.MT.
(2) SUB STATION	= 21.96 SQ. MT.
TOTAL	= 145.80 SQ. MT.

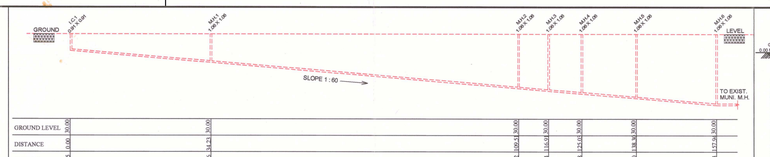
AS PER GDCR [CLAUSE NO.6.17.5

5 (c) Community/ Society common facility shall be permitted on a Common Plot. The area of this Community/Society common facility built up area shall not be considered towards computation of FSI of the Building Unit. Community facilities with common plot shall be hand over to the association of allottees as the case may be as per The Real Estate (Regulation and Development) Act,2016.









GROUND LEVEL	30.00												
DISTANCE		0.00	1.50	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50	15.00	16.50
CUTTING		0.00	0.75	1.50	2.25	3.00	3.75	4.50	5.25	6.00	6.75	7.50	8.25
INVERT LEVEL	29.25	28.75	28.50	28.25	28.00	27.75	27.50	27.25	27.00	26.75	26.50	26.25	26.00

DRAINAGE SECTION

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

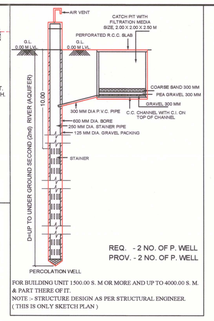
REQ. LIFT CALCULATION :-	(BLOCK:- A)
TOTAL NOS OF UNIT	= 52 NOS
LESS UNIT OF G.F.+2 FLR.	= 08 NOS
TOTAL UNIT REMAINING	= 44 NOS
REQ. LIFT 1 NOS. PER 30 UNIT	
TOTAL LIFT REQD.	= 44 / 30 = 1.47 NOS = SAY 2 NOS
REQ. 2 NO. LIFT OF 8 PASSENGER	
PROV. 2 NO. LIFT OF 8 PASSENGER	

REQ. LIFT CALCULATION :-	(BLOCK:- B+C)
TOTAL NOS OF UNIT	= 84 NOS
LESS UNIT OF G.F.+2 FLR.	= 08 NOS
TOTAL UNIT REMAINING	= 76 NOS
REQ. LIFT 1 NOS. PER 30 UNIT	
TOTAL LIFT REQD.	= 76 / 30 = 2.53 NOS = SAY 3 NOS.
REQ. 3 NO. LIFT OF 8 PASSENGER	
PROV. 2 NO. LIFT OF 8 PASSENGER	

LIFT CALCULATION (COMMERCIAL) (BLOCK :- B+C)

Total Built-up Area from 3rd to 4th Floor. = 2817.74 Sq.mts
[Excluding Ground, 1st & 2nd Floor]
1200.00 Sq.mts Built-up Area : Required 1nos. Lift of 6 Person Capacity
Total B. A. = 2817.74 / 1200 = Required 2.35 Nos Lift(Says 3 Nos. lift)
Required 3 Nos of Lift of 6 Person Capacity.
Provide 2 Lift of 12 Person Capacity.
Provide 1 Lift of 8 Person Capacity.
Total 32 Passenger Capacity Lift Provided.

BUILT UP AREA CALC. :-
(ELECTRIC S/S TRANSFORMER)
3.66 X 6.00 = 21.96 SQ. MT.
NET BUILT UP AREA ON ELECTRIC S/S
= 21.96 SQ. MT.



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

REQ. - 2 NO. OF P. WELL
PROV. - 2 NO. OF P. WELL

COMMON PLOT AREA CALCULATION:-	
NET PLOT AREA = 7952.00 SQ.MTS	
REQ. COMMON PLOT @ 10%	795.20 SQ.MT.
COMMON PLOT - 1	
(1) 24.36 X 40.29 X 1	= 981.46 SQ.MT.
COMMON PLOT - 2	
(1) 23.07 X 24.84 X 1	= 573.06 SQ.MT.
TOTAL PROV. COMMON PLOT	= 1554.52 SQ.MT.

TREE PLANTITION
UP TO 500 (100+200+200)
PLOT AREA NO. OF TREES 4+4+4 = 12 NOS.
TREES AFTER FIVE EVERY 200 SQ.MT.
NO. OF TREE REQ. = 5
7952.00 - 500.00 = 7452/200 = 37.26 SAY 38 NOS.
. NO. OF TREE
= 12+38 X 5
= 12+190 = 202 NO. OF TREES REQ.
PROVI. 202 NOS. TREES

REQ. PERCOLATING WELL
PLOT AREA :- 1500 TO 4000 SQ. MTS.
1 PERCOLATING WELL
PLOT AREA = 7952.00 / 4000.00 SQ. MTS.
= 1.99 NO. REQ. SAY 2 NOS.
PROVI. 2 NO.PERCO. WELL

DUST-BIN PROVIDED NOTES:-(RESI.)
8 NOS. OF COMMUNITY BIN EACH OF 80 LITRES CAPA.
SHALL BE PROVIDED IN MARGINAL OPEN SPACE.
PROVIDED = 8 UNITS (1BIN / 80 LITRES CAPACITY
REQUIRED = 136 UNITS (BUNIT3 / 1 = 17.00 NOS. REQD.
PROVIDED CONTAINER = 17 NOS.

DUST-BIN PROVIDED NOTES:- (COMM.)
TOTAL FLOOR AREA FOR SHOPS = 6596.41 SQ.MT.
SHALL BE PROVIDED IN MARGINAL OPEN SPACE.
CONTAINER REQD. = 6596.41 X 20 / 100 X 80 = 16.49 NO.
SAY 1 NO. OF CONTAINER OF CAPACITY 80.0 LITRE
MAX. CAP. OF CONTAINER = 80.0 LIT.
PROVIDED CONTAINER = 17 NO.
TOTAL C.BIN PROVIDED = 17 NO.FOR RESI + 17 NO. FOR COMM.
= 34 NO.OF 80 LIT.CAPACITY

EQ. TENAMENT STATEMENT					
FLOOR	USE	EQUITY TENA.			
BLOCK		A	B+C		TOTAL
		RESI	COMM	RESI	COMM RESI
GROUND (H. P.)	PARK.	--	--	--	--
GROUND (S. P.)	SHOP	--	28	--	28 --
1ST FLOOR	RESI./COMM.	04	28	04	28 08
2ND FLOOR	RESI./COMM.	04	27	04	27 08
3RD FLOOR	RESI./COMM.	04	27	04	27 08
4TH FLOOR	RESI./COMM.	04	27	04	27 08
5TH FLOOR	RESI	04	--	04	-- 08
6TH FLOOR	RESI	04	--	08	-- 12
7TH FLOOR	RESI	04	--	08	-- 12
8TH FLOOR	RESI	04	--	08	-- 12
9TH FLOOR	RESI	04	--	08	-- 12
10TH FLOOR	RESI	04	--	08	-- 12
11TH FLOOR	RESI	04	--	08	-- 12
12TH FLOOR	RESI	04	--	08	-- 12
13TH FLOOR	RESI	04	--	08	-- 12
TOTAL	SHOP/RESI	52	137	84	137 136

COMM. B.UP AREA STATEMENT	
FLOOR	BLOCK :-B+C (IN SQ.MT.)
GROUND (S. P.)	1619.48
1ST FLOOR	1578.10
2ND FLOOR	1391.44
3RD FLOOR	1391.44
4TH FLOOR	1426.30
TOTAL	7406.76

COMM. F.S.I. AREA STATEMENT	
FLOOR	BLOCK :-B+C (IN SQ.MT.)
GROUND (S. P.)	1369.73
1ST FLOOR	1437.95
2ND FLOOR	1251.29
3RD FLOOR	1251.29
4TH FLOOR	1286.15
TOTAL	6596.41

FLOOR AREA STATEMENT				(IN SQ.MT.)
BLOCK	A	B+C		TOTAL
GROUND (S. P.)	--	1369.73		1369.73
1ST FLOOR	417.62	1850.57		2268.19
2ND FLOOR	424.92	1670.90		2095.82
3RD FLOOR	417.62	1663.91		2081.53
4TH FLOOR	424.92	1705.76		2130.68
5TH FLOOR	417.62	858.03		1275.65
6TH FLOOR	424.92	847.22		1272.14
7TH FLOOR	417.62	833.23		1250.85
8TH FLOOR	424.92	847.22		1272.14
9TH FLOOR	417.62	833.23		1250.85
10TH FLOOR	424.92	847.22		1272.14
11TH FLOOR	417.62	833.23		1250.85
12TH FLOOR	445.58	888.59		1334.17
13TH FLOOR	445.58	888.59		1334.17
TOTAL	5521.48	15937.43		21458.91

BUILT UP AREA STATEMENT			(IN SQ.MT.)
BLOCK	A	B+C	TOTAL
BASEMENT	--	6259.34	6259.34
GROUND (H. P.)	637.35	691.56	1328.91
GROUND (S. P.)	--	1619.48	1619.48
1ST FLOOR	496.67	2186.66	2683.33
2ND FLOOR	503.97	2006.99	2510.96
3RD FLOOR	496.67	2000.00	2496.67
4TH FLOOR	503.97	2041.85	2545.82
5TH FLOOR	496.67	1181.33	1678.00
6TH FLOOR	519.75	1041.95	1561.70
7TH FLOOR	496.67	994.90	1491.57
8TH FLOOR	519.75	1041.95	1561.70
9TH FLOOR	496.67	994.90	1491.57
10TH FLOOR	519.75	1041.95	1561.70
11TH FLOOR	496.67	994.90	1491.57
12TH FLOOR	524.63	1050.26	1574.89
13TH FLOOR	524.63	1050.26	1574.89
Soc. Office (G.F.)	123.84	---	123.84
SECURITY CABIN	4.00	---	4.00
SUB STATION	21.96	---	21.96
STAIR CABIN	66.51	135.97	202.48
LIFT MAC. ROOM	42.09	85.46	127.55
METER ROOM	18.99	57.74	76.73
TOTAL	7511.21	26477.45	33988.66

F.S.I. AREA STATEMENT					(IN SQ.MT.)
BLOCK	A	B+C			TOTAL
		COMM.	RESI.	TOTAL	
GROUND (S. P.)	---	1369.73		---	1369.73
1ST FLOOR	417.62	1437.95	412.62	1850.57	2268.19
2ND FLOOR	424.92	1251.29	419.61	1670.90	2095.82
3RD FLOOR	417.62	1251.29	412.62	1663.91	2081.53
4TH FLOOR	424.92	1286.15	419.61	1705.76	2130.68
5TH FLOOR	417.62	---	858.03	858.03	1275.65
6TH FLOOR	424.92	---	847.22	847.22	1272.14
7TH FLOOR	417.62	---	833.23	833.23	1250.85
8TH FLOOR	424.92	---	847.22	847.22	1272.14
9TH FLOOR	417.62	---	833.23	833.23	1250.85
10TH FLOOR	424.92	---	847.22	847.22	1272.14
11TH FLOOR	417.62	---	833.23	833.23	1250.85
12TH FLOOR	445.58	---	888.59	888.59	1334.17
13TH FLOOR	445.58	---	888.59	888.59	1334.17
TOTAL	5521.48	6596.41	9341.02	15937.43	21458.91

SANITARY PROVISION

FLOOR AREA (UNIT AREA) :- 6596.41 SQ. MTS.
4 SQ. MTS. = 1 PERSON
6596.41 SQ. MTS. = 1649.10 SAY 1650 PERSON

SANITORY REQ.
TOTAL W.C. REQD. = 1 W.C. FOR EVERY 100 PERSON
= 16 W.C. FOR EACH GENDER
URINAL REQD.
= 1 URINAL FOR EVERY 50 PERSONS
= 33 REQD.
133 Nos. W.C. PROVIDED FOR INDIVIDUAL.
Sanitary Required For Common (Total Required 25%)
TOTAL W.C. REQD. = 16 X 0.25 = 4.00 SAY 4 W.C. FOR EACH GENDER
TOTAL W.C. PROP. = 4 FOR MALE & 4 FOR FEMALE
TOTAL W.C. PROP. = 1 FOR PHY. HANDICAP PERSON

BLOCK :- B+C | SHEET NO:- 1/13

LAY-OUT PLAN SHOWING PROPOSED RESIDENTIAL AND COMMERCIAL BUILDING ON F.P. NO. 300 OF D.T.P.S.NO. 65 (JAGATPUR - TRAGAD - CHANDKHEDA - CHARADA - RANIP) [R.S.U.R.NO. 127 (O. P. NO. 300) OF MOJE :-CHENPUR , TA.:-GHATLODIYA , DIST :-AHMEDABAD

LAY OUT | SCALE:- 1C.M. = 2 MT.

USE : RESIDENTIAL + COMMERCIAL
ZONE :- RESIDENTIAL - R1

AREA TABLE	SQ.MTS.
PLOT AREA OF F.P. NO. 300	7952.00
REQ. COMMON PLOT AREA @ 10%	795.20
PROV. COMMON PLOT AREA	1554.52
PERMI. F.S.I :- (1.80 X 7952.00)	14313.60
CHARGEABLE F.S.I. (0.90 X 7952.00)	7156.80
TOTAL PERMI. F.S.I. (14313.60+7156.80)	21470.40
TOTAL UTILIZED F.S.I.	21458.91
UTILIZED CHARGEABLE F.S.I.	7145.31

COLOUR NOTES:-
O. P. BOUNDARY — ROAD
F. P. BOUNDARY — P. WELL
PROP. WORK — COM.BIN.
PROP. DRAIN-LINE — TREE
COMMON PLOT LINE — BASEMENT LINE

RIDHAM CORPORATION
PARTNERS

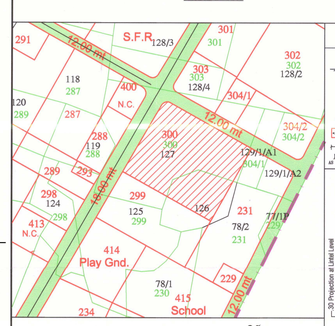
OWNER:
KETAN K. PATEL
2-5, VASUTHI COMPLEX, OPP.RASPAN PARTY PLOT, NIKOL, AHMEDABAD - 50.
A.M.C.NO.BR. - 011422002193

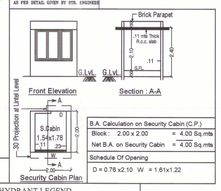
RAJESH P. PATEL
STR. DESIGNER
REG. NO. SD-SD1 B/01/0250/0338
101,AVARIYA APARTMENTS, NIKOL, AHMEDABAD.
TB.URBANIYA & UNDER BRIDGE, UJHBANIYAPURA, A'BAD - 380013
STR. ENGINEER:

MANOJ L. KANANI
16, PADMA BUNGLOWS-1 OPP.SHUKAN BUNGLOWS, NIKOL, AHMEDABAD-382350.
A.M.C.U.C.NO-001/CW20072500025
ENGINEER:

RIDHAM DEVELOPERS
RUTAN MEHTA, SHAH & OTHERS ELISA ALEX, ASHISH KARAN ENCLAVE PRITAMNAGAR , AHMEDABAD
A.M.C / DEV. - 052045722
DEVLOPER:

C.O.W. :-





B.A. Calculation on Security Cabin (C.P.)	
Block :- 2.00 x 2.00	= 4.00 Sq.mts
Net B.A. on Security Cabin	= 4.00 Sq.mts
Schedule Of Opening	
D = 0.76 x2.10 W = 1.61x1.22	

KEY - PLAN
SCALE :- 1.00 CM. = 20.00 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

GENERAL NOTES [AS PER CGDCRV 2017]

- It is certified that plot under reference is surveyed by me and dimensions of all side of plot and plot area as and 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 CGDCR 2017 all all requirements of the building are checked and necessary notions 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. 13.8 of CGDCR 2017.
- letter box for each unit shall be provided at ground 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 CGDCR 2017.
- Drinking Water Facility for disabled persons is provided as per 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 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 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 the clause no. 17.2 of CGDCR 2017.
- Community bin provided as per the provision of the clause no. 17.2.4 and 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 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 CGDCR 2017.
- Marginal space & basement slab shall have load bearing capacity of 40/80 tonnes per square meter shall be provided as per chapter no. 14 of CGDCR 2017 and fire prevention And fire safety act-2016.
- Fire Safety Provision Shall Be Provided As Per A.M.C. Fire And Emergency Service Department Opinion Letter No. _____ Date : _____

The Basic Requirements For Fire Protection Of High-Rise Building In A.M.C. and A.U.D.A. Area

1. HYDRANT 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 the 900 litres per minute 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 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 each floor level.

Each floor should have one hydrant outlet with a coupling for attaching a 63 mm dia. hose. A 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 2 nos 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 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 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) ISI mark to be installed on floor in case of commercial building.

Two Carbon Dioxide (Co2) type extinguisher of 2 kg. with ISI mark capacity on each floor and 5kg. Dry Chemical Powder (DCP) type extinguisher with ISI mark on alternate floors in case of residential buildings.

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

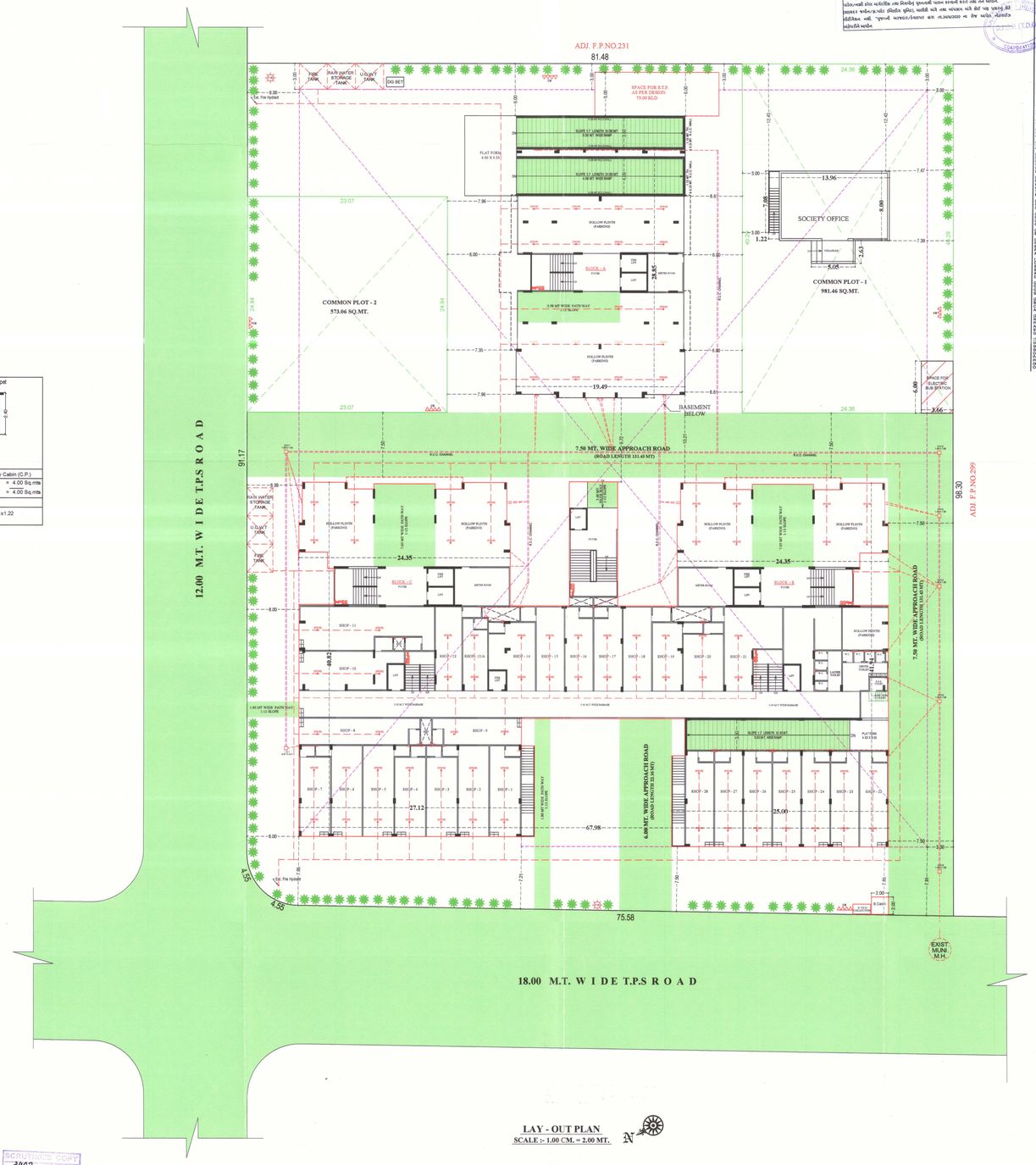
5. STAIRCASE :
The staircase has to be open from at least one or two sides but if the staircase is in the center core of the buildings it has to be pressurized to prevent it from getting smoke logged.
The Riser/Down-comer should be located in the staircase or close to in to make it easily approachable in case of Fire from the floor bellow or above.

6. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly berthed to prevent damage to the building when the lightening strikes.

7. 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 the time of fire.

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 and along all exit routes landing to the ground level. The signage should indicate fire fighting, fire safety, first-aid and other safety equipment present on the respective floor / landing / pathway / dead - end and along all exit routes leading to the ground level.

10. IMPORTANT INSTRUCTIONS :
After inspection of a low-rise building by the fire services authority , if the fire officer concerned feels the need for additional fire prevention / protection / ventilation system required or equipment (I.E. passive system / sprinkler / drencher etc.) as per fire load / fire risk / public gathering potential / occupancy / confined area, those additional measures / equipement have to be implemented / installed.



LAY - OUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

SCRUTINIZE COPY NO. 2902 18/10/20 T.D.O. B.P.S.P. A.M.C.

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

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

AUTHORITY :