PROP. B. AREA CALC. GROUND FLOOR :- (GROUND FLOOR)			
(1) 59.91 X 16.70 X 1	=	1000.50 SQ. MT.	
LESS:-			
(1) 2.72 X 1.25 X 2	=	6.80 SQ. MT.	
(2) 11.44 X 1.25 X 1	=	14.30 SQ. MT.	
(3) 6.00 X 7.04 X 1	=	42.24 SQ. MT.	
TOTAL	=	63.34 SQ. MT.	
NET B-UP AREA GROUND FLOOR :-	=	937.16 SQ. MT.	

PROP. B. AREA CALC. GROUND FLOOR :- (SOLID PLINTH COMM.)		
(1) 59.91 X 8.41 X 1	=	503.84 SQ. MT.
LESS:-		
(A) 3.15 X 3.97 X 2	=	25.01 SQ. MT.
TOTAL	=	25.01 SQ. MT.
NET B-UP AREA GROUND FLOOR :- (SOLID PLINTH)	=	478.83 SQ. MT.

PROP. B. AREA CAL. HOLLOW PLINTH :- GROUND FLOOR - GROUND (S.P.)		
937.16 - 478.83	=	458.33 SQ. MT.

PROP. F.S.I. AREA CALC. GR. FLOOR :- (SOLID PLINTH COMM.)		
B. AREA ON GR. FLOOR = 478.83 SQ. MT.		
LESS:-		
(A1) 3.15 X 6.45 X 1	=	20.32 SQ. MT.
TOTAL	=	20.32 SQ. MT.
NET F.S.I. AREA GROUND FLOOR :- (SOLID PLINTH)	=	458.51 SQ. MT.

BLOCK :- A + B GR. FLOOR SHOP UNIT BUILT-UP AREA CALCULATION		
SHOP NO. - 1		
(1) 2.63 X 8.41	=	22.12
NET BUILT - UP AREA	=	22.12
SHOP NO. - 2		
(1) 2.58 X 8.41	=	21.70
NET BUILT - UP AREA	=	21.70
SHOP NO. - 3, 16		
(1) 3.16 X 8.41	=	26.58
NET BUILT - UP AREA	=	26.58
SHOP NO. - 4, 6, 13, 15		
(1) 3.47 X 4.44	=	15.41
(2) 3.53 X 3.97	=	14.01
NET BUILT - UP AREA	=	29.42
SHOP NO. - 5, 14		
(1) 3.26 X 4.44	=	14.47
NET BUILT - UP AREA	=	14.47
SHOP NO. - 7, 12		
(1) 3.16 X 8.41	=	26.58
NET BUILT - UP AREA	=	26.58
SHOP NO. - 8, 11		
(1) 3.47 X 8.41	=	29.18
NET BUILT - UP AREA	=	29.18
SHOP NO. - 9, 10		
(1) 3.17 X 6.45	=	20.45
(2) 4.74 X 1.96	=	9.29
NET BUILT - UP AREA	=	29.74
SHOP NO. - 17		
(1) 2.58 X 6.18	=	15.94
NET BUILT - UP AREA	=	15.94
SHOP NO. - 18		
(1) 2.63 X 6.18	=	16.25
NET BUILT - UP AREA	=	16.25

SANITARY BLOCK		
(1) 5.21 X 2.23	=	11.62
NET BUILT - UP AREA	=	11.62

BLOCK :- A + B GR. FLOOR SHOP CARPET AREA (RERA) CALC. :-		
SHOP NO. - 1, 2		
(1) 2.46 X 8.29	=	20.39
NET CARPET AREA	=	20.39
SHOP NO. - 3, 7, 12, 16		
(1) 3.05 X 8.29	=	25.28
NET CARPET AREA	=	25.28
SHOP NO. - 4, 6, 8, 11, 13, 15		
(1) 3.36 X 8.29	=	27.85
NET CARPET AREA	=	27.85
SHOP NO. - 5, 14		
(1) 3.15 X 4.32	=	13.61
NET CARPET AREA	=	13.61
SHOP NO. - 9, 10		
(1) 3.00 X 6.56	=	19.68
(2) 4.63 X 1.73	=	8.01
NET CARPET AREA	=	27.69
SHOP NO. - 17, 18		
(1) 2.46 X 6.06	=	14.91
NET CARPET AREA	=	14.91

SANITARY BLOCK		
(1) 3.54 X 1.00	=	3.54
(2) 1.50 X 2.11	=	3.17
NET CARPET AREA	=	6.71

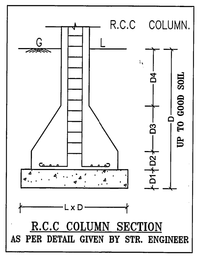
UNIT BUILT-UP AREA & CARPET AREA (RERA) TABLE			
BLOCK :- A + B			
COMMERCIAL			
FLOOR	UNIT NO.	UNIT BUILT-UP AREA	CARPET AREA (RERA)
GR. FLOOR	01	22.12	20.39
	02	21.70	20.39
	03	26.58	25.28
	04	29.42	27.85
	05	14.47	13.61
	06	29.42	27.85
	07	26.58	25.28
	08	29.18	27.85
	09	29.74	27.69
	10	29.74	27.69
	11	29.18	27.85
	12	26.58	25.28
	13	29.42	27.85
	14	14.47	13.61
	15	29.42	27.85
	16	26.58	25.28
	17	15.94	14.91
	18	16.25	14.91
TOTAL		446.79	421.42

TOTAL F.S.I. (RESIDENCE)		
BLOCK:- A	BLOCK:- B	TOTAL
5365.71	5365.71	10731.42

TOTAL F.S.I. (COMMERCIAL)		
GR. FLOOR	1st. & 2nd. FL	TOTAL
478.84	476.50	955.34

UNITS CALCULATION			
FLOOR	USE	EQUITY TENA.	
BLOCK		A + B	
		COMM.	RESI.
GROUND (S. P.)	SHOP	18	--
1ST FLOOR	SHOP/RESI	10	04
2ND FLOOR	RESI	--	08
3RD FLOOR	RESI	--	08
4TH FLOOR	RESI	--	08
5TH FLOOR	RESI	--	08
6TH FLOOR	RESI	--	08
7TH FLOOR	RESI	--	08
TOTAL	SHOP/RESI	28	52

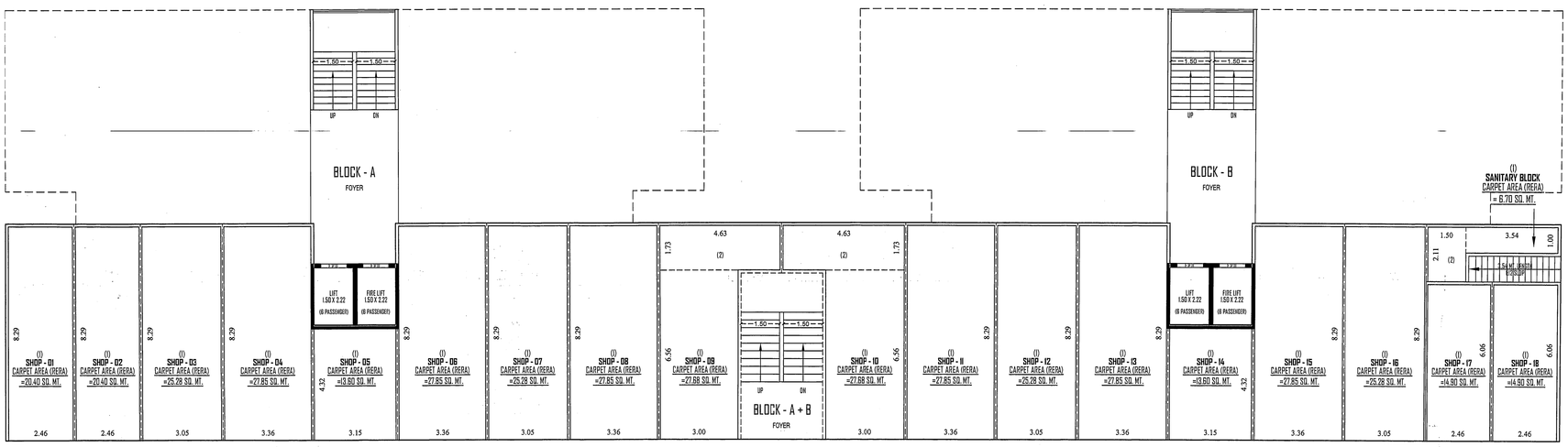
FIRE HYDRANT LEGEND		
SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT SYSTEM PIPE MAIN
2		SINGLE HANDED HYDRANT VALVE
3		SLUICE VALVE
4		NON RETURN VALVE
5		LANDING HYDRANT VALVE
6		FIRE HOSE BOX
7		FIRST AID HOSE REEL
8		CC.P & CO-2
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP
11		REDUCER
12		COURT YARD HYDRANT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



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

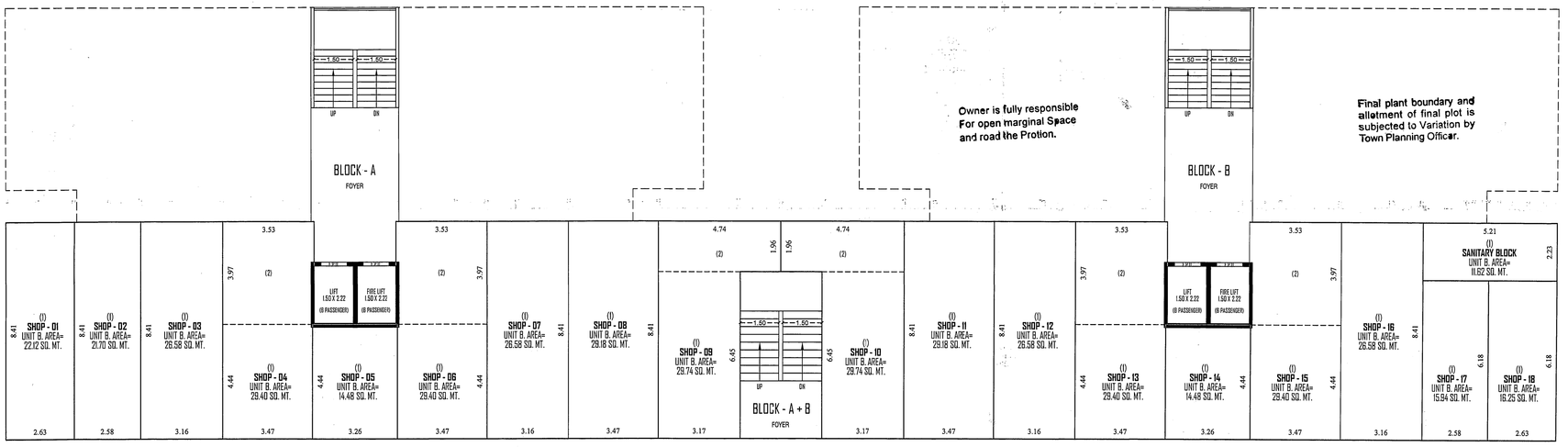
The permission is valied only till the DP/TPS remains Doaltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with reference to the land under reference.

:- ખાસ શરત :-
=અધિકામ પૂર્ણ થયા બાદ બાંધકામનો =ઉપયોગ શરૂ કરતાં પહેલાં નિયમાનુસાર ત્યારેથી મકાનના વપરાશનું પ્રમાણપત્ર મેળવવાનું રહેશ્યાત છે.



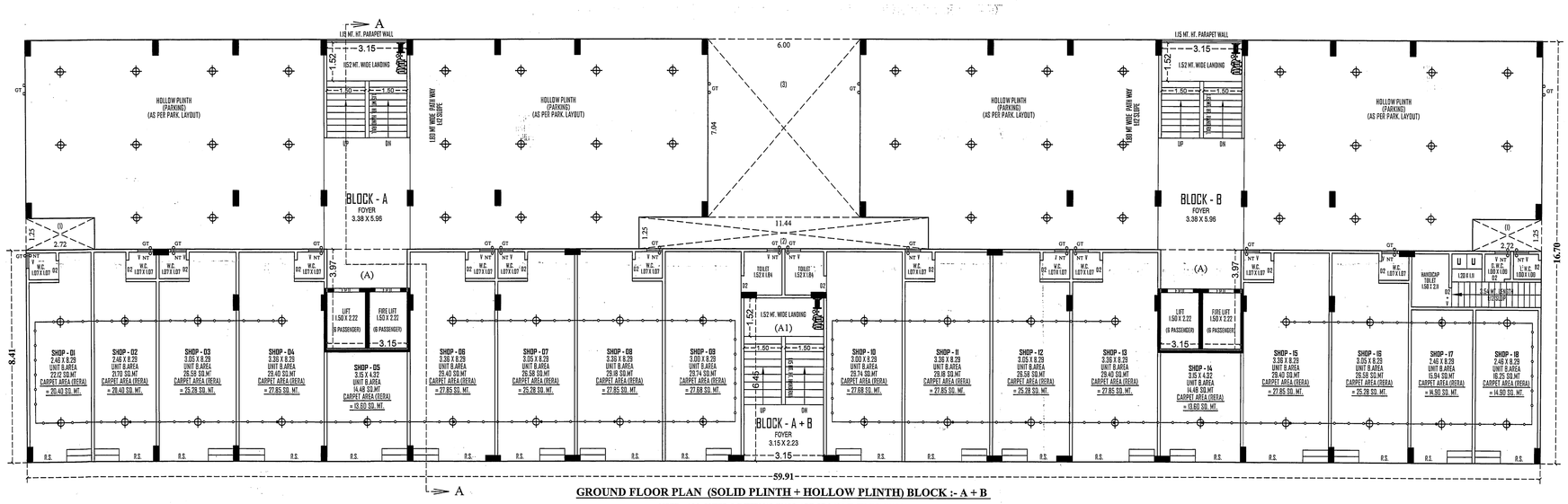
CARPET AREA (RERA) CALCULATION GROUND FLOOR PLAN (BLOCK :- A + B)

NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



UNIT BUILT - UP AREA CALCULATION GROUND FLOOR PLAN (BLOCK :- A + B)

NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



GROUND FLOOR PLAN (SOLID PLINTH + HOLLOW PLINTH) BLOCK :- A + B

NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

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. 13.8 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.
- Entrence 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 nacessary 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 40/60 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 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.r.-2017
- Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GHV/05 Of 2018/PRC-102018-5098-L , Dt:- 21/07/2018 Regarding Fire Regulation-2018

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 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 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 farthest corner of the floor. Hose-box with 18 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 service vehicle can approach easily.
A permanent hydrant point comprising of 63 mm.dia slus 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 9kg. 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 an 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 pressurisation system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & Safety system even after the main electrical supply to the building is switched off at the time of fire.

10.INDIVIDUAL FIRE SEFTY SYSTEM.

FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVIDUAL SHOW ROOM BY OWNER.

IMPORTANT INSTRUCTIONS:

After Inspection of a low-rise building by the fire service authority/ the fire officer concerned feels 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 / Drencher etc.) as per Fire load / Firetick / Public gathering, Potential / Occupancy / Confined area, those additional measures / equipment have to be implemented / installed.

GROUND FLOOR PLAN — SHEET NO.:- 2/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL) BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5 (KUDASAN - RANDESAN - DHOLAKUVA - INDRODA), [SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4] AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT. | BLOCK:- A + B

ZONE :- RESIDENTIAL -1 (R4) | USE:- RESIDENCE + COMMERCIAL

B.AREA TABLE — SQ. MTS.

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	=	458.33 SQ. MTS.
PROP. B.AREA ON GROUND FL.(SOLID PLINTH COMM.)	=	478.83 SQ. MTS.
PROP. B.AREA ON 1 ST. FLOOR (COMM. 476.54+460.62 RESI.)	=	937.16 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	=	844.51 SQ. MTS.
PROP. B.AREA ON STAIR CABIN.	=	97.38 SQ. MTS.
PROP. B.AREA ON LIFT RM.	=	60.64 SQ. MTS.
PROP. B.AREA TOTAL	=	7099.40 SQ. MTS.

F.S.I. AREA TABLE — SQ. MTS.

F.S.I. ON GROUND FLOOR (SOLID PLINTH)	=	458.51 SQ. MTS.
F.S.I. ON 1 ST. FLOOR (COMM. 448.68 + 383.38 RESI.)	=	832.06 SQ. MTS.
F.S.I. ON 2 ND FLOOR	=	766.52 SQ. MTS.
F.S.I. ON 3 RD FLOOR	=	766.52 SQ. MTS.
F.S.I. ON 4 TH FLOOR	=	766.52 SQ. MTS.
F.S.I. ON 5 TH FLOOR	=	766.52 SQ. MTS.
F.S.I. ON 6 TH FLOOR	=	766.52 SQ. MTS.
F.S.I. ON 7 TH FLOOR	=	766.52 SQ. MTS.
TOTAL F.S.I. AREA	=	5889.69 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH	1.50 MT.	1.50 MT.
TREAD	0.25 MT.	0.30 MT.
RISER	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW05201004222R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

ENGINEER :-

KIRAN N. PATEL
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411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrapali Axiom, Ambli, Ahmedabad, Gujarat-380 054
GUDA Regn. No. SD1/118/06/2017

STR. ENGINEER :-

Note Approved By C.E.A. GUDA

Development Charge Paid

APPROVED
(As amended by..... Colour)
Subject to the conditions as mentioned in the Office Letter No. PRN/RANDESAN/86/09/20
Dated.....
23/11/2021 5/11/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

1ST. FLOOR PLAN	SHEET NO.:- 3/13
PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL) BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5 (KUDASAN - RANDESAN - DHOLAKUVA - INDRODA), [SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4] AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.	
SCALE:- 1.00 CM = 1.00 MT.	BLOCK:- A + B
ZONE :- RESIDENTIAL -1 (R4)	USE:- RESIDENCE + COMMERCIAL

B.AREA TABLE (SQ. MTS.)

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	= 458.33 SQ. MTS.
PROP. B.AREA ON GROUND FL.(SOLID PLINTH COMM.)	= 478.83 SQ. MTS.
PROP. B.AREA ON 1 ST. FLOOR (COMM. 476.54+460.62 RESI.)	= 937.16 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	= 97.38 SQ. MTS.
PROP. B.AREA ON LIFT RM.	= 60.64 SQ. MTS.
PROP. B.AREA TOTAL	= 7099.40 SQ. MTS.

F.S.I. AREA TABLE (SQ. MTS.)

F.S.I. ON GROUND FLOOR (SOLID PLINTH)	= 458.51 SQ. MTS.
F.S.I. ON 1 ST FLOOR (COMM. 448.68 + 383.38 RESI.)	= 832.06 SQ. MTS.
F.S.I. ON 2 ND FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 3 RD FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 4 TH FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 5 TH FLOOR	= 766.52 SQ. MTS.
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TOTAL F.S.I. AREA	= 5889.69 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
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SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
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ENGINEER :-

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GUDA Regn. No. SDJ/118/06/2017

STR. ENGINEER :-

PROP. B. AREA CALC. 1st. FLOOR :-
(1st. FLOOR)
(1) 59.91 X 16.70 X 1 = 1000.50 SQ. MT.
LESS:-
(1) 2.72 X 1.25 X 2 = 6.80 SQ. MT.
(2) 11.44 X 1.25 X 1 = 14.30 SQ. MT.
(3) 6.00 X 7.04 X 1 = 42.24 SQ. MT.
TOTAL = 63.34 SQ. MT.
NET B-UP AREA 1st. FLOOR :- = 937.16 SQ. MT.

PROP. B. AREA CALC. 1st. FLOOR :-
(1st. FLOOR COMM.)
(1) 2.72 X 8.41 X 2 = 45.75 SQ. MT.
(2) 9.18 X 8.35 X 4 = 306.61 SQ. MT.
(3) 3.15 X 4.44 X 2 = 27.97 SQ. MT.
(4) 11.44 X 8.41 X 1 = 96.21 SQ. MT.
TOTAL = 476.54 SQ. MT.
NET B-UP AREA 1st. FLOOR :-
(1st. FLOOR COMM.) = 476.54 SQ. MT.

PROP. B. AREA CALC. 1st. FLOOR :-
(1st. FLOOR - 1st. FLOOR RESI.)
937.16 - 476.54 = 460.62 SQ. MT.

PROP. F.S.I. AREA CALC. 1st. FLOOR :-
(1st. FLOOR)
B. AREA ON 1st. FLOOR = 937.16 SQ. MT.
LESS:-
(A1) 3.15 X 6.45 X 1 = 20.32 SQ. MT.
(B1) 1.69 X 2.23 X 2 = 7.54 SQ. MT.
(A) 3.15 X 12.26 X 2 = 77.24 SQ. MT.
TOTAL = 105.10 SQ. MT.
NET F.S.I. AREA ON FLOOR :-
(1st. FLOOR) = 832.06 SQ. MT.

PROP. F.S.I. AREA CALC. 1st. FLOOR :-
(1st. FLOOR COMM.)
B. AREA ON 1st. FLOOR = 476.54 SQ. MT.
LESS:-
(A1) 3.15 X 6.45 X 1 = 20.32 SQ. MT.
(B1) 1.69 X 2.23 X 2 = 7.54 SQ. MT.
TOTAL = 27.86 SQ. MT.
NET F.S.I. AREA ON FLOOR :-
(1st. FLOOR COMM.) = 448.68 SQ. MT.

PROP. F.S.I. AREA CALC. ON. FLOOR :-
(1st. FLOOR RESI.)
1st. FL. - 1st. FL. (COMM.)
832.06 - 448.68 = 383.38 SQ. MT.

BLOCK :- A + B 1st. FLOOR SHOP UNIT BUILT-UP AREA CALCULATION
SHOP NO. - 101, 110
(1) 9.18 X 8.35 = 76.65
(2) 2.72 X 8.41 = 22.88
(3) 3.21 X 2.21 = 7.09
(4) 3.26 X 2.23 = 7.27
NET BUILT - UP AREA = 113.89

SHOP NO. - 102, 109
(1) 3.53 X 3.91 = 13.80
(2) 3.47 X 2.21 = 7.67
NET BUILT - UP AREA = 21.47

SHOP NO. - 103, 108
(1) 3.16 X 6.12 = 19.34
NET BUILT - UP AREA = 19.34

SHOP NO. - 104, 107
(1) 2.49 X 6.12 = 15.24
(2) 0.98 X 6.18 = 6.06
NET BUILT - UP AREA = 21.30

SHOP NO. - 105, 106
(1) 3.17 X 4.22 = 13.38
(2) 4.74 X 1.96 = 9.29
NET BUILT - UP AREA = 22.67

BLOCK :- A + B 1st. FLOOR SHOP SHOP CARPET AREA (RERA) CALC. :-
SHOP NO. - 101, 110
(1) 11.67 X 8.18 = 95.46
(2) 3.26 X 4.21 = 13.72
NET CARPET AREA = 109.19

SHOP NO. - 102, 109
(1) 3.36 X 6.06 = 20.36
NET CARPET AREA = 20.36

SHOP NO. - 103, 108
(1) 3.05 X 6.06 = 18.48
NET CARPET AREA = 18.48

SHOP NO. - 104, 107
(1) 3.36 X 6.06 = 20.36
NET CARPET AREA = 20.36

SHOP NO. - 105, 106
(1) 3.00 X 4.33 = 12.99
(2) 4.63 X 1.73 = 8.01
NET CARPET AREA = 21.00

BLOCK :- A UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101
FLAT NO. - 104
(1) 9.18 X 8.35 = 76.65
(2) 2.72 X 7.04 = 19.15
NET BUILT - UP AREA = 95.80

BLOCK :- A RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101
FLAT NO. - 104
(1) 3.36 X 7.07 = 23.76
(2) 3.16 X 8.18 = 25.85
(3) 1.23 X 6.78 = 8.34
(4) 3.92 X 6.81 = 26.70
NET CARPET AREA = 84.65
BALCONY 3.36 X 1.11 = 3.73
WASH 1.23 X 1.40 = 1.72
1.20 X 1.25 = 1.50
TOTAL WASH & BALC. = 6.95

BLOCK :- B UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101
FLAT NO. - 104
(1) 9.18 X 8.35 = 76.65
(2) 2.72 X 7.04 = 19.15
NET BUILT - UP AREA = 95.80

BLOCK :- B RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101
FLAT NO. - 104
(1) 3.36 X 7.07 = 23.76
(2) 3.16 X 8.18 = 25.85
(3) 1.23 X 6.78 = 8.34
(4) 3.92 X 6.81 = 26.70
NET CARPET AREA = 84.65
BALCONY 3.36 X 1.11 = 3.73
WASH 1.23 X 1.40 = 1.72
1.20 X 1.25 = 1.50
TOTAL WASH & BALC. = 6.95

RESIDENCE — BLOCK :- A

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
1ST FLOOR	101	95.80	383.38	84.65	3.73	3.22
	102	0.0		0.0	0.0	0.0
	103	0.0		0.0	0.0	0.0
	104	95.80		84.65	3.73	3.22
2ND FLOOR	201	95.80	766.52	84.65	3.73	3.22
	202	95.80		84.65	3.73	3.22
	203	95.80		84.65	3.73	3.22
	204	95.80		84.65	3.73	3.22
3RD FLOOR	301	95.80	766.52	84.65	3.73	3.22
	302	95.80		84.65	3.73	3.22
	303	95.80		84.65	3.73	3.22
	304	95.80		84.65	3.73	3.22
4TH FLOOR	401	95.80	766.52	84.65	3.73	3.22
	402	95.80		84.65	3.73	3.22
	403	95.80		84.65	3.73	3.22
	404	95.80		84.65	3.73	3.22
5TH FLOOR	501	95.80	766.52	84.65	3.73	3.22
	502	95.80		84.65	3.73	3.22
	503	95.80		84.65	3.73	3.22
	504	95.80		84.65	3.73	3.22
6TH FLOOR	601	95.80	766.52	84.65	3.73	3.22
	602	95.80		84.65	3.73	3.22
	603	95.80		84.65	3.73	3.22
	604	95.80		84.65	3.73	3.22
7TH FLOOR	701	95.80	766.52	84.65	3.73	3.22
	702	95.80		84.65	3.73	3.22
	703	95.80		84.65	3.73	3.22
	704	95.80		84.65	3.73	3.22
TOTAL			4982.50	2200.90	96.80	83.72

RESIDENCE — BLOCK :- B

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
1ST FLOOR	101	95.80	383.38	84.65	3.72	3.22
	102	0.0		0.0	0.0	0.0
	103	0.0		0.0	0.0	0.0
	104	95.80		84.65	3.72	3.22
2ND FLOOR	201	95.80	766.52	84.65	3.72	3.22
	202	95.80		84.65	3.72	3.22
	203	95.80		84.65	3.72	3.22
	204	95.80		84.65	3.72	3.22
3RD FLOOR	301	95.80	766.52	84.65	3.72	3.22
	302	95.80		84.65	3.72	3.22
	303	95.80		84.65	3.72	3.22
	304	95.80		84.65	3.72	3.22
4TH FLOOR	401	95.80	766.52	84.65	3.72	3.22
	402	95.80		84.65	3.72	3.22
	403	95.80		84.65	3.72	3.22
	404	95.80		84.65	3.72	3.22
5TH FLOOR	501	95.80	766.52	84.65	3.72	3.22
	502	95.80		84.65	3.72	3.22
	503	95.80		84.65	3.72	3.22
	504	95.80		84.65	3.72	3.22
6TH FLOOR	601	95.80	766.52	84.65	3.72	3.22
	602	95.80		84.65	3.72	3.22
	603	95.80		84.65	3.72	3.22
	604	95.80		84.65	3.72	3.22
7TH FLOOR	701	95.80	766.52	84.65	3.72	3.22
	702	95.80		84.65	3.72	3.22
	703	95.80		84.65	3.72	3.22
	704	95.80		84.65	3.72	3.22
TOTAL			4982.50	2200.90	96.80	83.72

The permission is valied only till the DP/TPS remains Dosltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with reference to the land under reference.

UNIT BUILT-UP AREA & CARPET AREA (RERA) TABLE
BLOCK :- A + B — COMMERCIAL

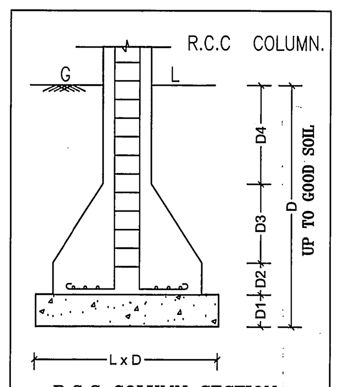
FLOOR	UNIT NO.	UNIT BUILT-UP AREA	CARPET AREA (RERA)
1ST. FLOOR	101	113.89	109.19
	102	21.47	20.36
	103	19.34	18.48
	104	21.30	20.36
	105	22.67	21.00
	106	22.67	21.00
	107	21.30	20.36
	108	19.34	18.48
	109	21.47	20.36
	110	113.89	109.19
TOTAL		397.34	378.78

UNITS CALCULATION

FLOOR	USE	EQUITY TENA.	
BLOCK		A + B	
		COMM.	RESI.
GROUND (S. P.)	SHOP	18	--
1ST FLOOR	RESI	10	04
2ND FLOOR	RESI	--	08
3RD FLOOR	RESI	--	08
4TH FLOOR	RESI	--	08
5TH FLOOR	RESI	--	08
6TH FLOOR	RESI	--	08
7TH FLOOR	RESI	--	08
TOTAL	SHOP/RESI	28	52

FIRE HYDRANT LEGEND

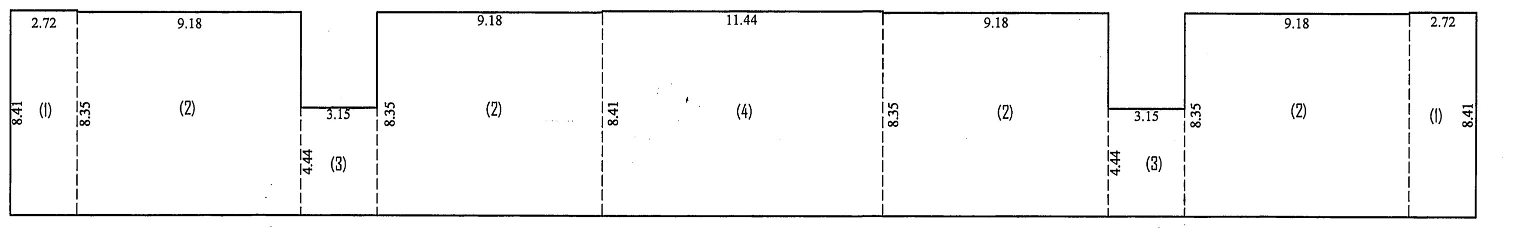
SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT SYSTEM PIPE MAIN
2		SINGLE HANDED HYDRANT VALVE
3		SLUICE VALVE
4		NON RETURN VALVE
5		LANDING HYDRANT VALVE
6		FIRE HOSE BOX
7		FIRST AID HOSE REEL
8		DC.P & CO-2
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP
11		REDUCER
12		COURT YARD HYDRANT VALVE
13		SPRINKLERED



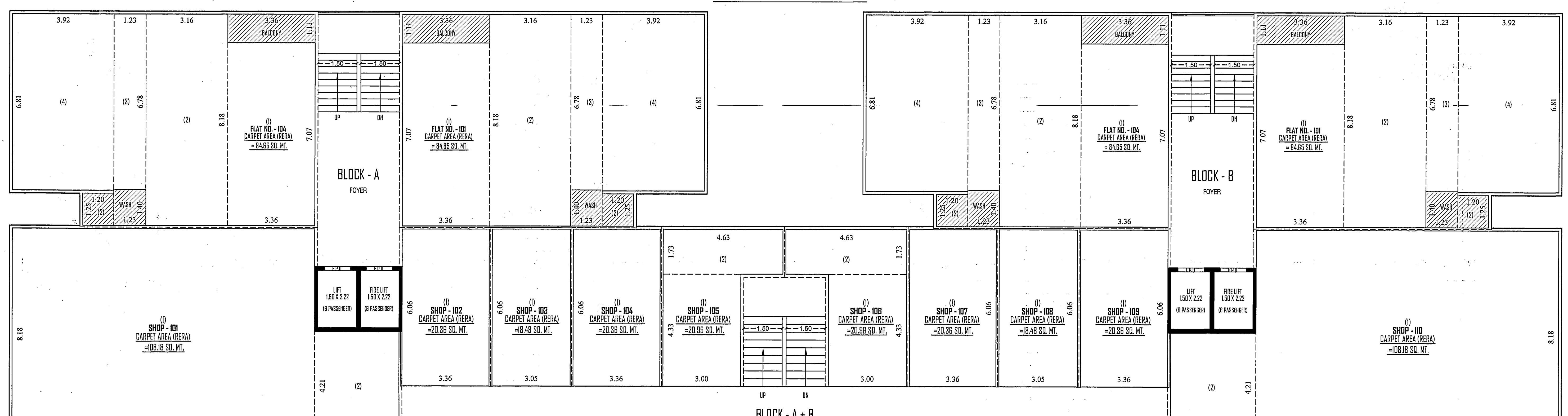
R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

TOTAL F.S.I. (RESIDENCE)		
BLOCK:- A	BLOCK:- B	TOTAL
5365.71	5365.71	10731.42

TOTAL F.S.I. (COMMERCIAL)		
GR. FLOOR	1st. & 2nd. FL	TOTAL
478.84	476.50	955.34



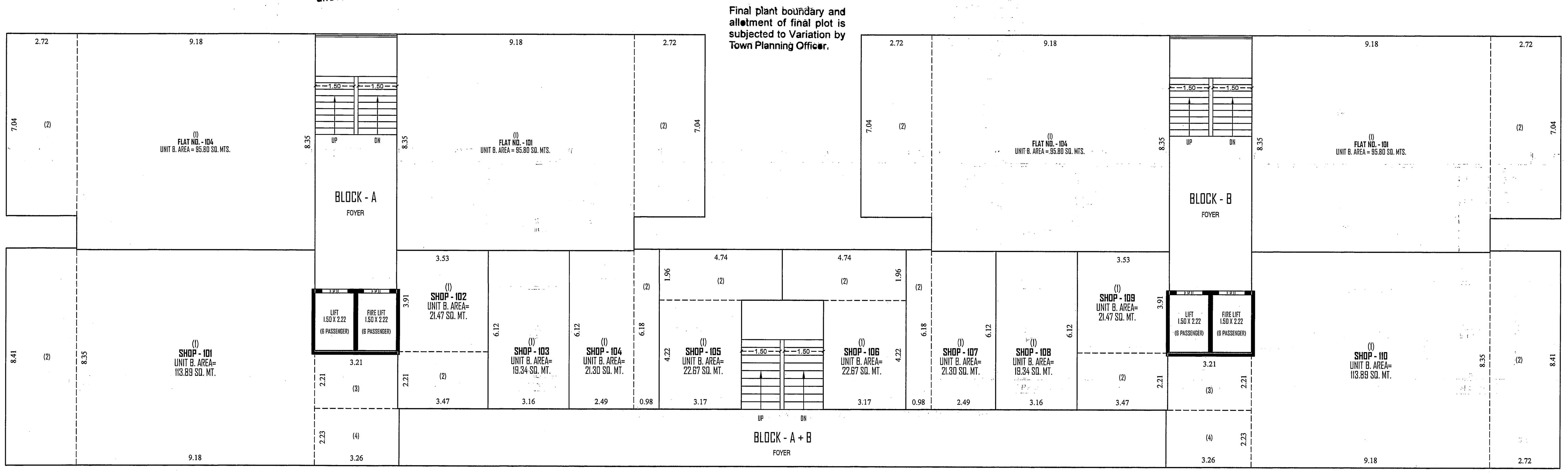
B.-UP AREA CALCULATION 1ST FLOOR COMM. PLAN
SCALE :- 1.00 CM. = 2.00 MT.



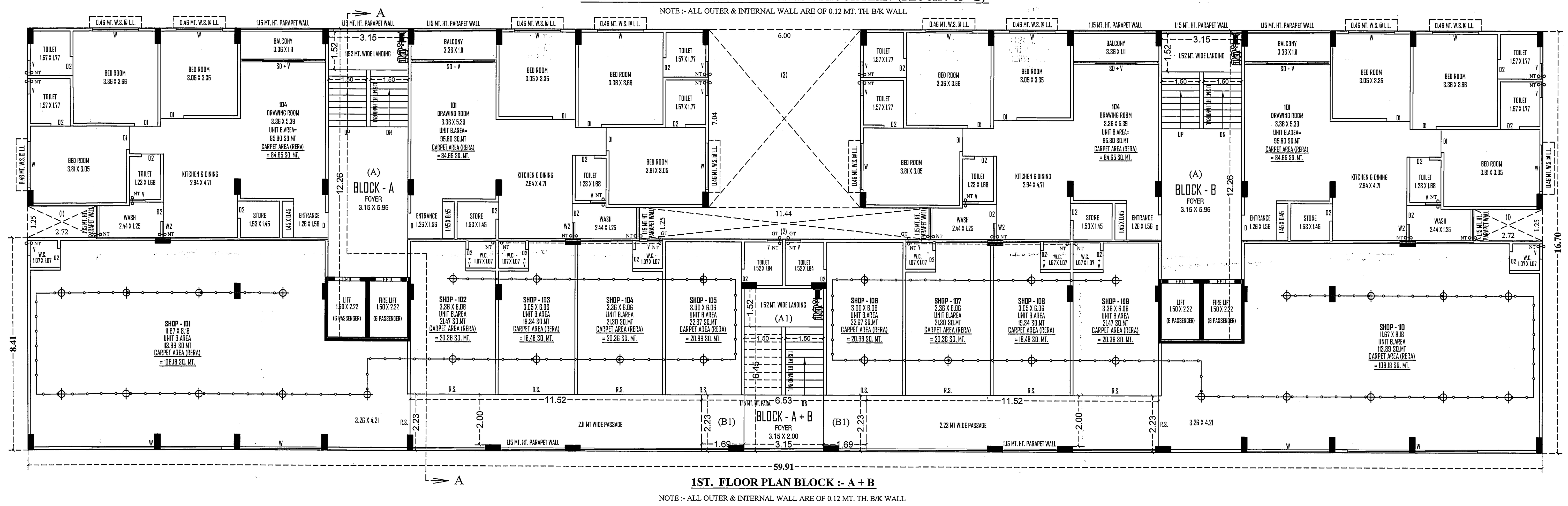
Owner is fully responsible For open marginal Space and road the Protion.

CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. FLOOR PLAN (BLOCK :- A + B)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.



UNIT BUILT - UP AREA CALCULATION 1ST. FLOOR PLAN (BLOCK :- A + B)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



1ST. FLOOR PLAN BLOCK :- A + B
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

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
* Pedesttrians 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 chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 comer 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 servise 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 suppy 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.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.

Note Approved By C.E.A. GUDA
Development Charge Paid

APPROVED
(As amended by .... Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/RANDESAN/80/2020
Date..........

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

2ND. TO 7TH. FLOOR PLAN — SHEET NO.:- 4/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT.	BLOCK:- A + B
ZONE :- RESIDENTIAL -1 (R4)	USE:- RESIDENCE + COMMERCIAL

B.AREA TABLE (SQ. MTS.)

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	= 458.33 SQ. MTS.
PROP. B.AREA ON GROUND FL.(SOLID PLINTH COMM.)	= 478.83 SQ. MTS.
PROP. B.AREA ON 1 ST. FLOOR.(COMM. 476.54+460.62 RESI.)	= 937.16 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	= 844.51 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	= 97.38 SQ. MTS.
PROP. B.AREA ON LIFT RM.	= 60.64 SQ. MTS.
PROP. B.AREA TOTAL	= 7099.40 SQ. MTS.

F.S.I. AREA TABLE (SQ. MTS.)

F.S.I. ON GROUND FLOOR (SOLID PLINTH)	= 458.51 SQ. MTS.
F.S.I. ON 1 ST. FLOOR.(COMM. 448.68 + 383.38 RESI.)	= 832.06 SQ. MTS.
F.S.I. ON 2 ND FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 3 RD FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 4 TH FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 5 TH FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 6 TH FLOOR	= 766.52 SQ. MTS.
F.S.I. ON 7 TH FLOOR	= 766.52 SQ. MTS.
TOTAL F.S.I. AREA	= 5889.69 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(2nd. TO 7th. FLOOR)
(1) 26.95 X 16.70 X 2 = 900.13 SQ. MT.
LESS:-
(1) 2.72 X 2.61 X 4 = 28.40 SQ. MT.
(2) 3.15 X 4.32 X 2 = 27.22 SQ. MT.
TOTAL = 55.62 SQ. MT.
NET B-UP AREA TYPICAL FLOOR :-
= 844.51 SQ. MT.

PROP. F.S.I. AREA CALC. TY. FLOOR :-
(2nd. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 844.51 SQ. MT.
LESS:-
(A) 3.15 X 12.38 X 2 = 77.99 SQ. MT.
TOTAL = 77.99 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(2nd. TO 7th. FLOOR) = 766.52 SQ. MT.

BLOCK :- A — UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 201 TO 701
FLAT NO. - 202 TO 702
FLAT NO. - 203 TO 703
FLAT NO. - 204 TO 704
(1) 9.18 X 8.35 = 76.65
(2) 2.72 X 7.04 = 19.15
NET BUILT - UP AREA = 95.80

BLOCK :- B — UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 201 TO 701
FLAT NO. - 202 TO 702
FLAT NO. - 203 TO 703
FLAT NO. - 204 TO 704
(1) 9.18 X 8.35 = 76.65
(2) 2.72 X 7.04 = 19.15
NET BUILT - UP AREA = 95.80

BLOCK :- A — RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 201 TO 701
FLAT NO. - 202 TO 702
FLAT NO. - 203 TO 703
FLAT NO. - 204 TO 704
(1) 3.36 X 7.07 = 23.76
(2) 3.16 X 8.18 = 25.85
(3) 1.23 X 6.78 = 8.34
(4) 3.92 X 6.81 = 26.70
NET CARPET AREA = 84.65
BALCONY 3.36 X 1.11 = 3.73
WASH 1.23 X 1.40 = 1.72
1.20 X 1.25 = 1.50
TOTAL WASH & BALC. = 6.95

BLOCK :- B — RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 201 TO 701
FLAT NO. - 202 TO 702
FLAT NO. - 203 TO 703
FLAT NO. - 204 TO 704
(1) 3.36 X 7.07 = 23.76
(2) 3.16 X 8.18 = 25.85
(3) 1.23 X 6.78 = 8.34
(4) 3.92 X 6.81 = 26.70
NET CARPET AREA = 84.65
BALCONY 3.36 X 1.11 = 3.72
WASH 1.23 X 1.40 = 1.72
1.20 X 1.25 = 1.50
TOTAL WASH & BALC. = 6.95

RESIDENCE — BLOCK :- A

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
1ST FLOOR	101	95.80	383.38	84.65	3.73	3.22
	102	0.0		0.0	0.0	0.0
	103	0.0		0.0	0.0	0.0
	104	95.80		84.65	3.73	3.22
2ND FLOOR	201	95.80	766.52	84.65	3.73	3.22
	202	95.80		84.65	3.73	3.22
	203	95.80		84.65	3.73	3.22
	204	95.80		84.65	3.73	3.22
3RD FLOOR	301	95.80	766.52	84.65	3.73	3.22
	302	95.80		84.65	3.73	3.22
	303	95.80		84.65	3.73	3.22
	304	95.80		84.65	3.73	3.22
4TH FLOOR	401	95.80	766.52	84.65	3.73	3.22
	402	95.80		84.65	3.73	3.22
	403	95.80		84.65	3.73	3.22
	404	95.80		84.65	3.73	3.22
5TH FLOOR	501	95.80	766.52	84.65	3.73	3.22
	502	95.80		84.65	3.73	3.22
	503	95.80		84.65	3.73	3.22
	504	95.80		84.65	3.73	3.22
6TH FLOOR	601	95.80	766.52	84.65	3.73	3.22
	602	95.80		84.65	3.73	3.22
	603	95.80		84.65	3.73	3.22
	604	95.80		84.65	3.73	3.22
7TH FLOOR	701	95.80	766.52	84.65	3.73	3.22
	702	95.80		84.65	3.73	3.22
	703	95.80		84.65	3.73	3.22
	704	95.80		84.65	3.73	3.22
TOTAL			4982.50	2200.90	96.80	83.72

RESIDENCE — BLOCK :- B

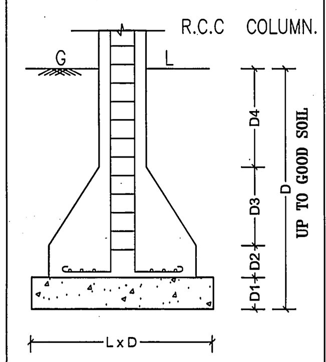
FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
1ST FLOOR	101	95.80	383.83	84.65	3.72	3.22
	102	0.0		0.0	0.0	0.0
	103	0.0		0.0	0.0	0.0
	104	95.80		84.65	3.72	3.22
2ND FLOOR	201	95.80	766.52	84.65	3.72	3.22
	202	95.80		84.65	3.72	3.22
	203	95.80		84.65	3.72	3.22
	204	95.80		84.65	3.72	3.22
3RD FLOOR	301	95.80	766.52	84.65	3.72	3.22
	302	95.80		84.65	3.72	3.22
	303	95.80		84.65	3.72	3.22
	304	95.80		84.65	3.72	3.22
4TH FLOOR	401	95.80	766.52	84.65	3.72	3.22
	402	95.80		84.65	3.72	3.22
	403	95.80		84.65	3.72	3.22
	404	95.80		84.65	3.72	3.22
5TH FLOOR	501	95.80	766.52	84.65	3.72	3.22
	502	95.80		84.65	3.72	3.22
	503	95.80		84.65	3.72	3.22
	504	95.80		84.65	3.72	3.22
6TH FLOOR	601	95.80	766.52	84.65	3.72	3.22
	602	95.80		84.65	3.72	3.22
	603	95.80		84.65	3.72	3.22
	604	95.80		84.65	3.72	3.22
7TH FLOOR	701	95.80	766.52	84.65	3.72	3.22
	702	95.80		84.65	3.72	3.22
	703	95.80		84.65	3.72	3.22
	704	95.80		84.65	3.72	3.22
TOTAL			4982.50	2200.90	96.80	83.72

The permission is valied only till the DP/TPS remains Doaltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with reference to the land under reference.

-: ખાસ શરત :-
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો ઉપયોગ શરૂ કરતાં પહેલાં નિયમાનુસાર અત્રેથી મકાનના વપરાશનું પ્રમાણપત્ર મેળવવાનું ફરજીયાત છે.

FIRE HYDRANT LEGEND

SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT SYSTEM PIPE MAIN
2	SH	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	R D	RISE OR DROP
11		REDUCER
12		COURT YARD HYDRANT VALVE
13		SPRINKLERED



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

TOTAL F.S.I. (RESIDENCE)

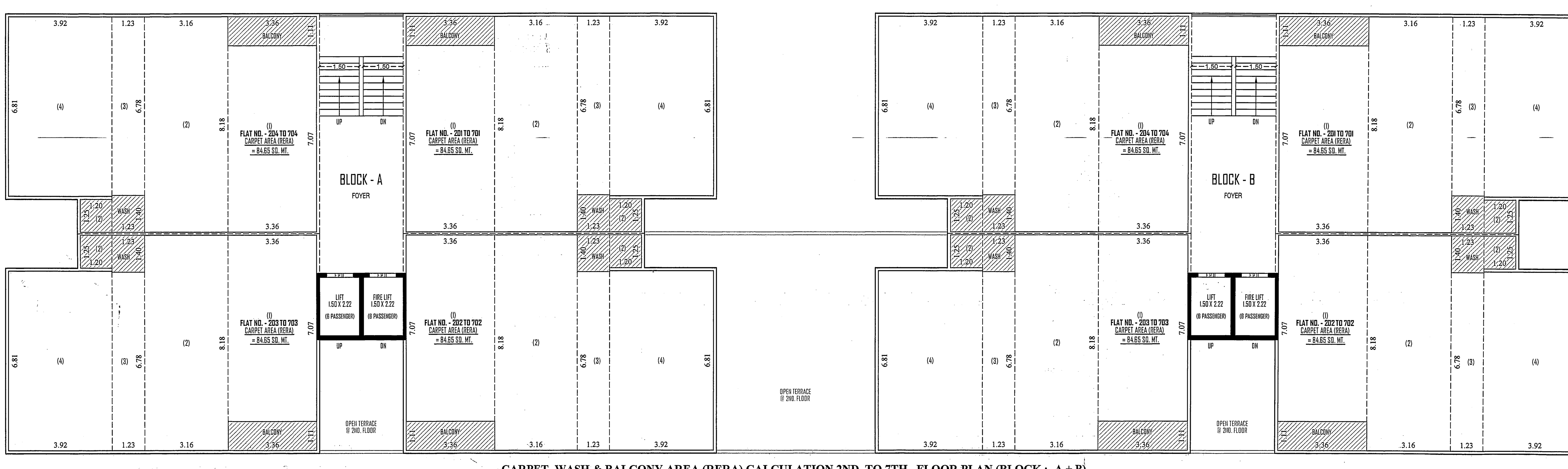
BLOCK:- A	BLOCK:- B	TOTAL
5365.71	5365.71	10731.42

TOTAL F.S.I. (COMMERCIAL)

GR. FLOOR	1st. & 2nd. FL	TOTAL
478.84	476.50	955.34

UNITS CALCULATION

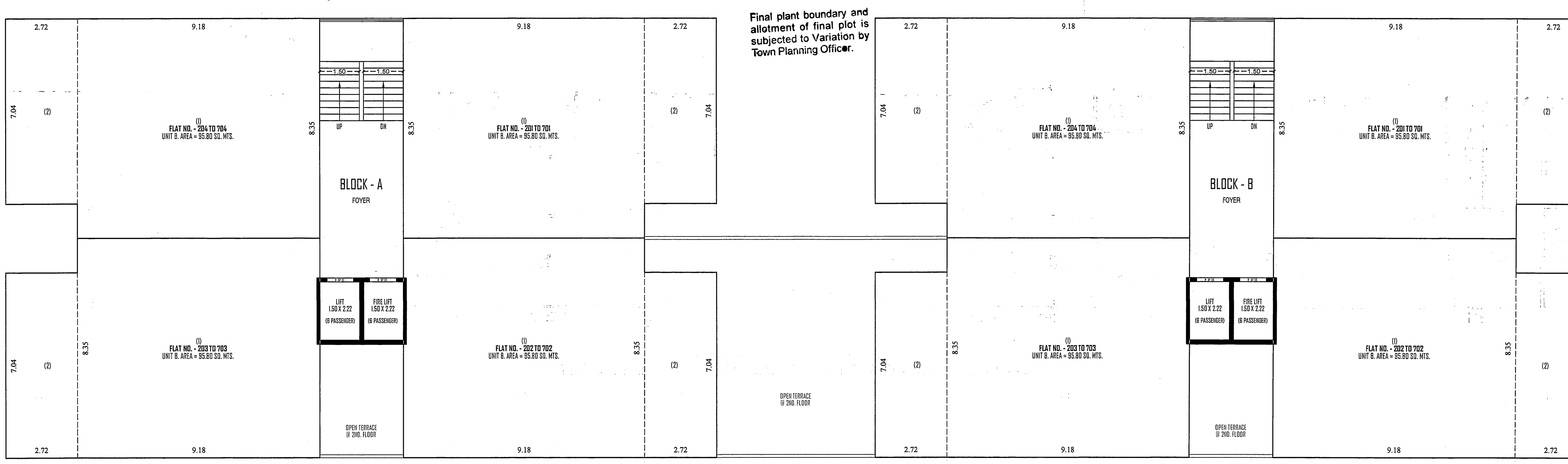
FLOOR	USE	EQUITY TENA.	
BLOCK		A + B	
		COMM.	RESI.
GROUND (S. P.)	SHOP	18	--
1ST FLOOR	RESI	10	04
2ND FLOOR	RESI	--	08
3RD FLOOR	RESI	--	08
4TH FLOOR	RESI	--	08
5TH FLOOR	RESI	--	08
6TH FLOOR	RESI	--	08
7TH FLOOR	RESI	--	08
TOTAL	SHOP/RESI	28	52



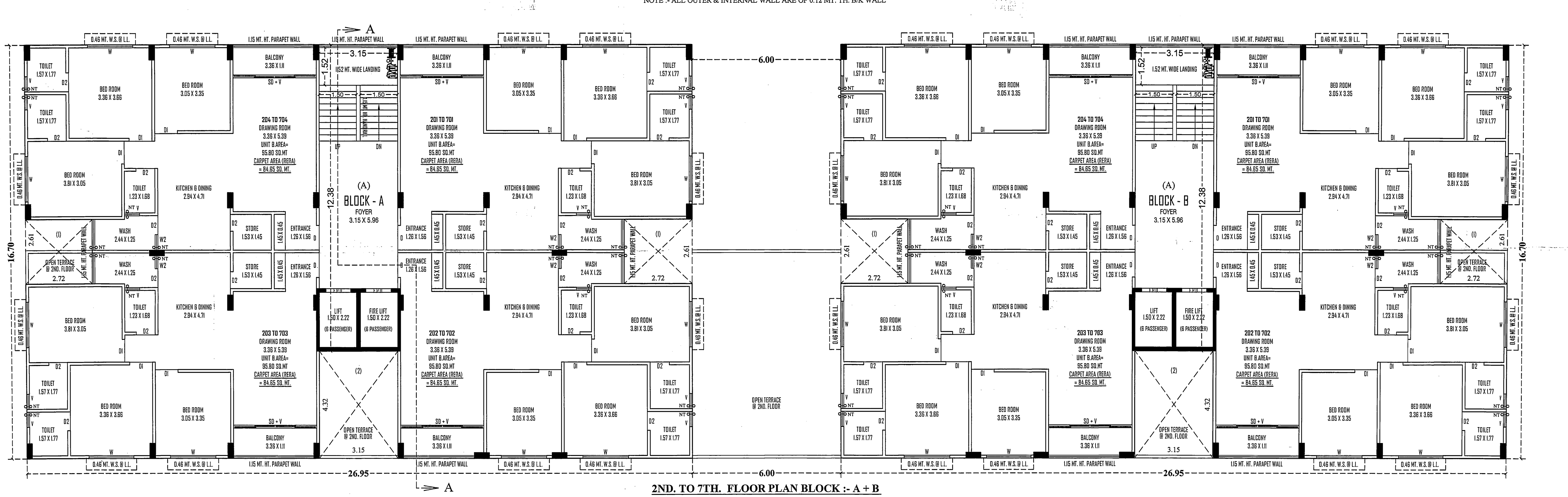
CARPET, WASH & BALCONY AREA (RERA) CALCULATION 2ND. TO 7TH. FLOOR PLAN (BLOCK :- A + B)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Owner is fully responsible For open marginal Space and road the Protion.

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.



UNIT BUILT-UP AREA CALCULATION 2ND. TO 7TH. FLOOR PLAN (BLOCK :- A + B)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



2ND. TO 7TH. FLOOR PLAN BLOCK :- A + B
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

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
* Pedesttrians 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 chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 servise 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 suppy 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.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.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

ENGINEER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrapali Axiom, Ambli,
Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-

Note Approved By C.E.A. GUDA
Development Charge Paid

APPROVED
(As amended by.................... Colour)
Subject to the conditions as mentioned
in the Office Letter No. PRW/RANDESAN/86/09/20
Dated 5/11/2021

13/11/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN
OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 6/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT. | BLOCK:- C
ZONE :- RESIDENTIAL -1 (R4) | USE :- RESIDENCE

B.AREA TABLE (SQ. MTS.)

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH) = 455.21 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR = 455.21 SQ. MTS.
PROP. B.AREA ON STAIR CABIN = 55.06 SQ. MTS.
PROP. B.AREA ON LIFT RM. = 40.47 SQ. MTS.
PROP. B.AREA TOTAL = 3737.21 SQ. MTS.

F.S.I. AREA TABLE (SQ. MTS.)

F.S.I. ON 1 ST FLOOR = 408.23 SQ. MTS.
F.S.I. ON 2 ND FLOOR = 408.23 SQ. MTS.
F.S.I. ON 3 RD FLOOR = 408.23 SQ. MTS.
F.S.I. ON 4 TH FLOOR = 408.23 SQ. MTS.
F.S.I. ON 5 TH FLOOR = 408.23 SQ. MTS.
F.S.I. ON 6 TH FLOOR = 408.23 SQ. MTS.
F.S.I. ON 7 TH FLOOR = 408.23 SQ. MTS.
TOTAL F.S.I. AREA = 2857.61 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
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ENGINEER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
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C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrapali Axiom, Ambli,
Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-

PROP. B. AREA CALC. GROUND FLOOR :-
(GROUND FLOOR)
(1) 28.15 X 18.53 X 1 = 521.62 SQ. MT.
LESS:-
(1) 3.15 X 2.30 X 1 = 7.25 SQ. MT.
(2) 8.48 X 2.30 X 2 = 39.00 SQ. MT.
(3) 3.15 X 6.40 X 1 = 20.16 SQ. MT.
TOTAL = 66.41 SQ. MT.
NET B-UP AREA GROUND FLOOR :-
= 455.21 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(1st. TO 7th. FLOOR)
(1) 28.15 X 18.53 X 1 = 521.62 SQ. MT.
LESS:-
(1) 3.15 X 2.30 X 1 = 7.25 SQ. MT.
(2) 8.48 X 2.30 X 2 = 39.00 SQ. MT.
(3) 3.15 X 6.40 X 1 = 20.16 SQ. MT.
TOTAL = 66.41 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-
= 455.21 SQ. MT.

PROP. B. AREA CAL. ON STAIR CABIN :-
(1) 11.19 X 2.76 X 1 = 30.88 SQ. MT.
(2) 3.61 X 5.59 X 1 = 20.18 SQ. MT.
(3) 04.00 X 1.00 X 1 = 04.00 SQ. MT.
TOTAL = 55.06 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-
= 55.06 SQ. MT.

PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-
(1) 3.61 X 4.33 X 1 = 15.63 SQ. MT.
(2) 4.50 X 2.76 X 2 = 24.84 SQ. MT.
TOTAL = 40.47 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-
= 40.47 SQ. MT.

PROP. F.S.I. AREA CALC. TY. FLOOR :-
(1st. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 455.21 SQ. MT.
LESS:-
(A) 3.15 X 9.83 X 1 = 30.96 SQ. MT.
(B) 1.52 X 5.27 X 2 = 16.02 SQ. MT.
TOTAL = 46.98 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(1st. TO 7th. FLOOR) = 408.23 SQ. MT.

BLOCK :- C
UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 10.98 X 8.11 = 89.05
(2) 1.52 X 6.63 = 10.08
NET BUILT - UP AREA = 99.13

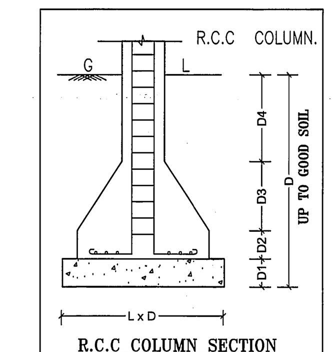
BLOCK :- C
RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 5.11 X 6.78 = 34.65
(2) 1.52 X 5.30 = 8.06
(3) 3.28 X 1.11 = 3.64
(4) 2.13 X 6.47 = 13.78
(5) 3.51 X 7.89 = 27.69
NET CARPET AREA = 87.82
BALCONY 3.35 X 1.11 = 3.72
WASH 2.13 X 1.41 = 3.00
TOTAL WASH & BALC. = 6.72

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		C
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

RESIDENCE

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA BUILT-UP AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK:- C						
1ST FLOOR	101	99.13	408.23	87.82	3.72	3.00
	102	99.13		87.82	3.72	3.00
	103	99.13		87.82	3.72	3.00
	104	99.13		87.82	3.72	3.00
2ND FLOOR	201	99.13	408.23	87.82	3.72	3.00
	202	99.13		87.82	3.72	3.00
	203	99.13		87.82	3.72	3.00
	204	99.13		87.82	3.72	3.00
3RD FLOOR	301	99.13	408.23	87.82	3.72	3.00
	302	99.13		87.82	3.72	3.00
	303	99.13		87.82	3.72	3.00
	304	99.13		87.82	3.72	3.00
4TH FLOOR	401	99.13	408.23	87.82	3.72	3.00
	402	99.13		87.82	3.72	3.00
	403	99.13		87.82	3.72	3.00
	404	99.13		87.82	3.72	3.00
5TH FLOOR	501	99.13	408.23	87.82	3.72	3.00
	502	99.13		87.82	3.72	3.00
	503	99.13		87.82	3.72	3.00
	504	99.13		87.82	3.72	3.00
6TH FLOOR	601	99.13	408.23	87.82	3.72	3.00
	602	99.13		87.82	3.72	3.00
	603	99.13		87.82	3.72	3.00
	604	99.13		87.82	3.72	3.00
7TH FLOOR	701	99.13	408.23	87.82	3.72	3.00
	702	99.13		87.82	3.72	3.00
	703	99.13		87.82	3.72	3.00
	704	99.13		87.82	3.72	3.00
TOTAL			2857.61	2458.96	104.16	84.00



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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 :-
* 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
* Pedesttrians 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 servise 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.

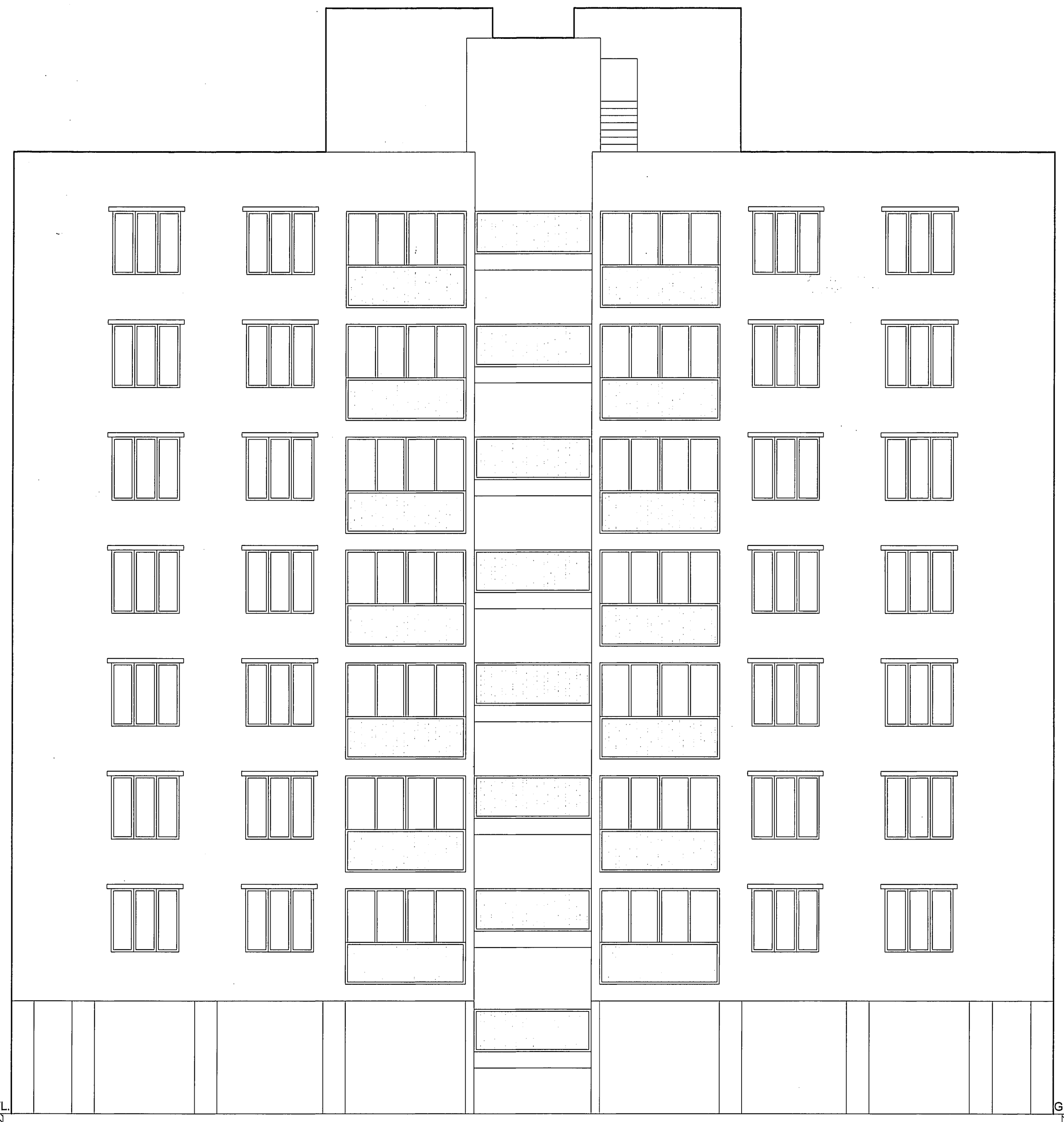
7. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

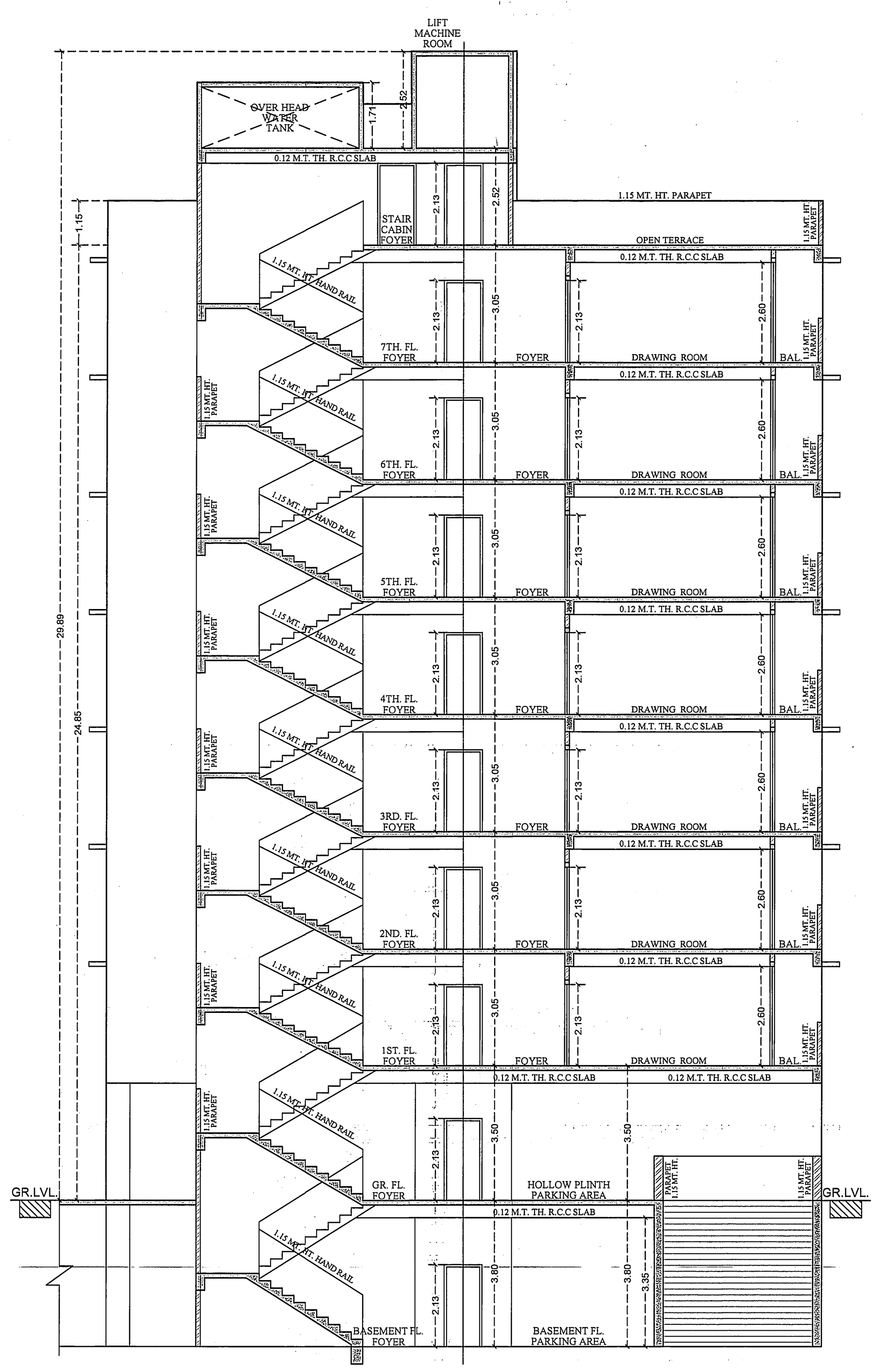
8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :
If the building falls in a confined area or if it has an enclosed staircase or is not well lit-up on the inside, then adequate photo luminescent (auto glow) signage's should be displayed at each floor / landing / pathway / dead-end along all exit routes leading 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.

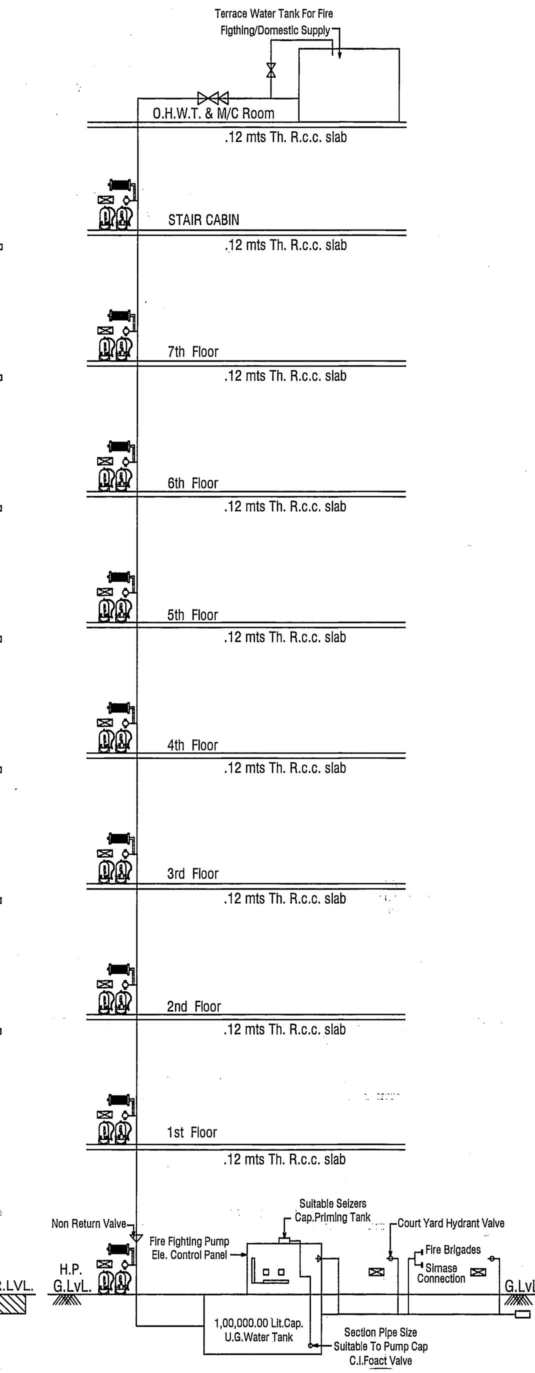
9. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of 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.

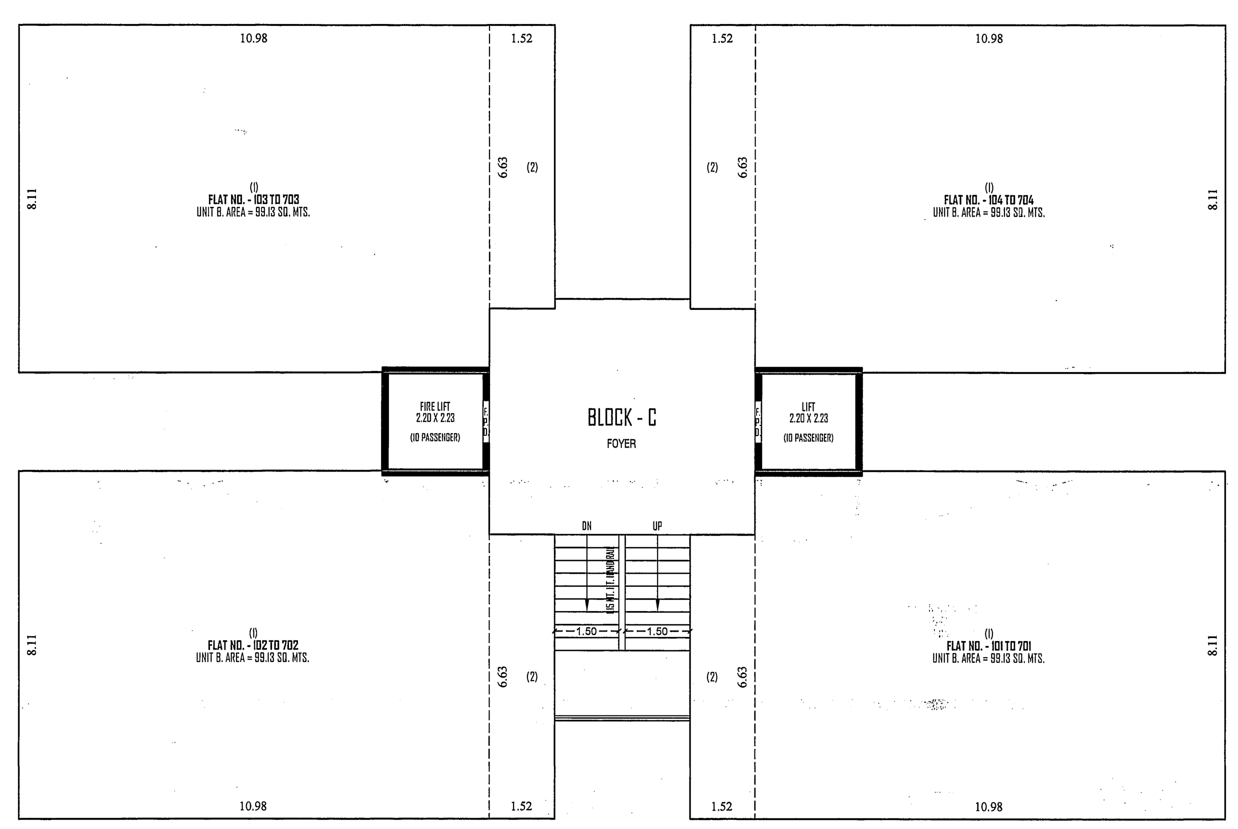
10.INDIVDUAL FIRE SEFTY SYSTEM
FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER

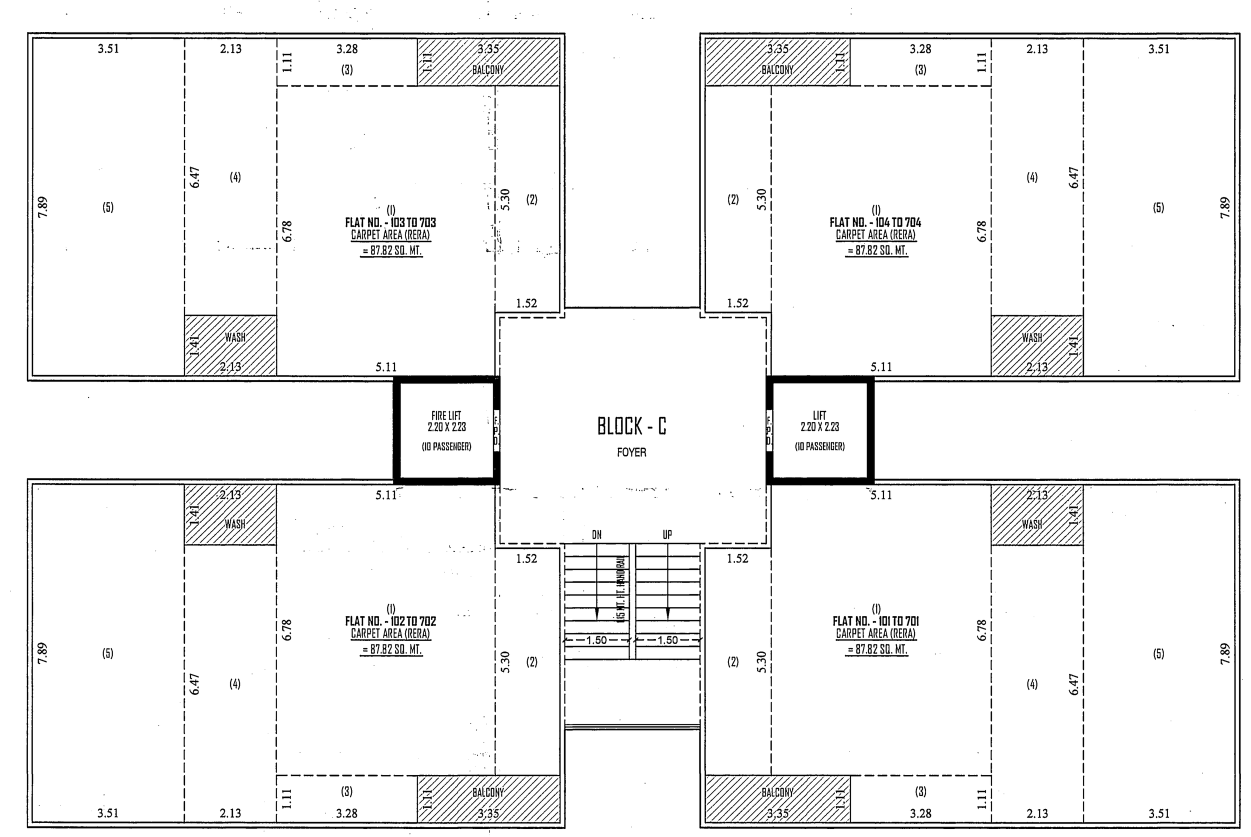
IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection 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.


FRONT ELEVATION

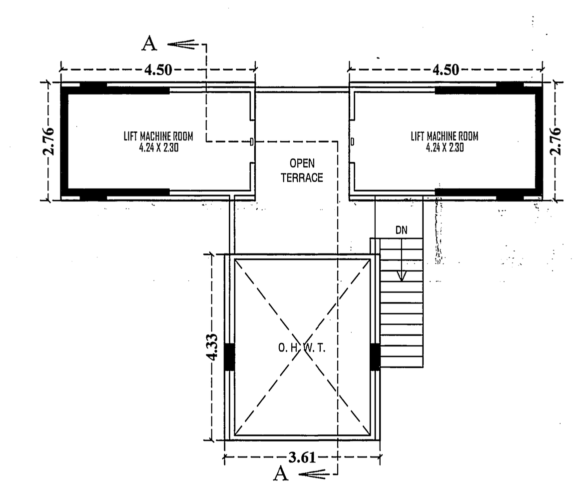

SECTION 'A-A'



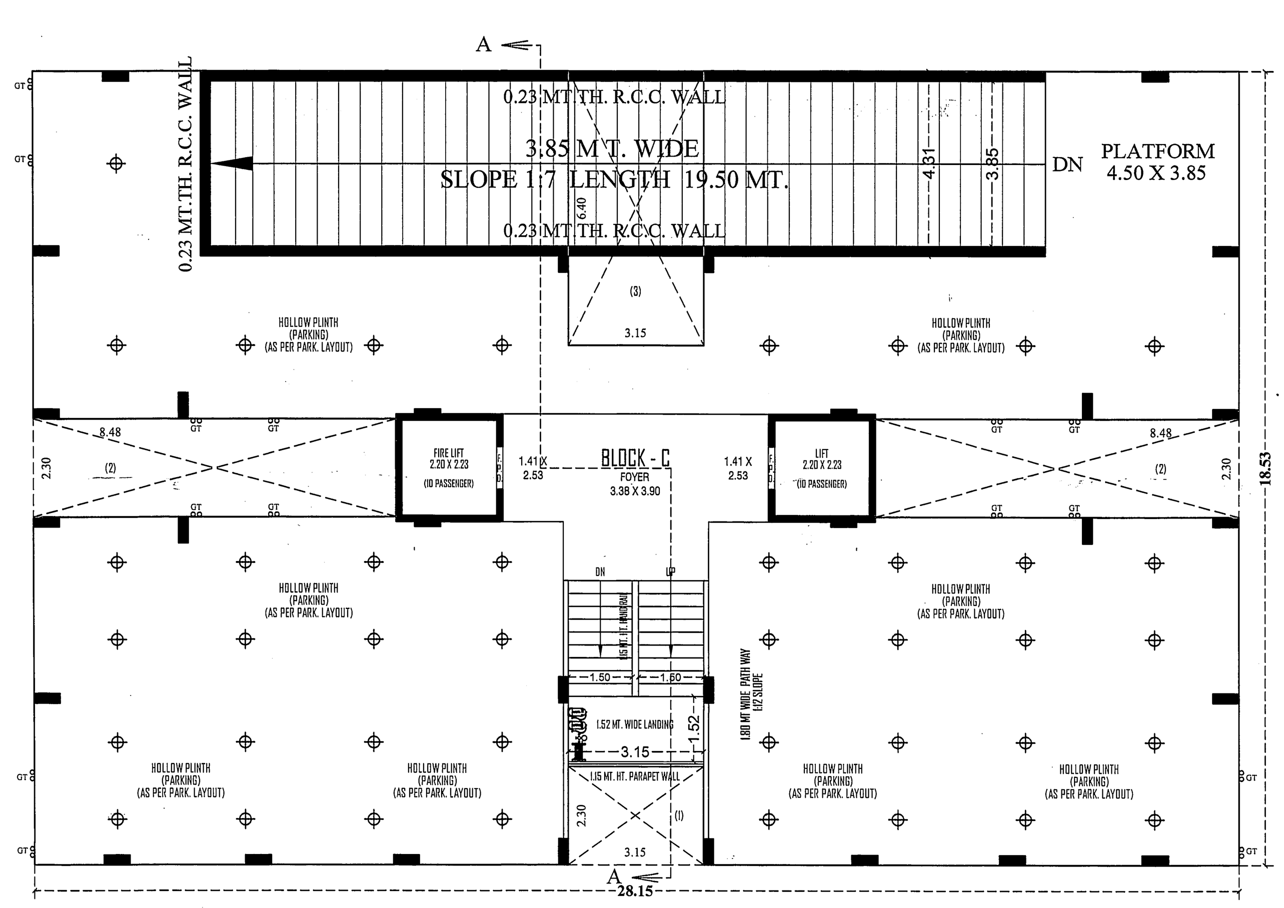

UNIT BUILT-UP AREA CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- C)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL


CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- C)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

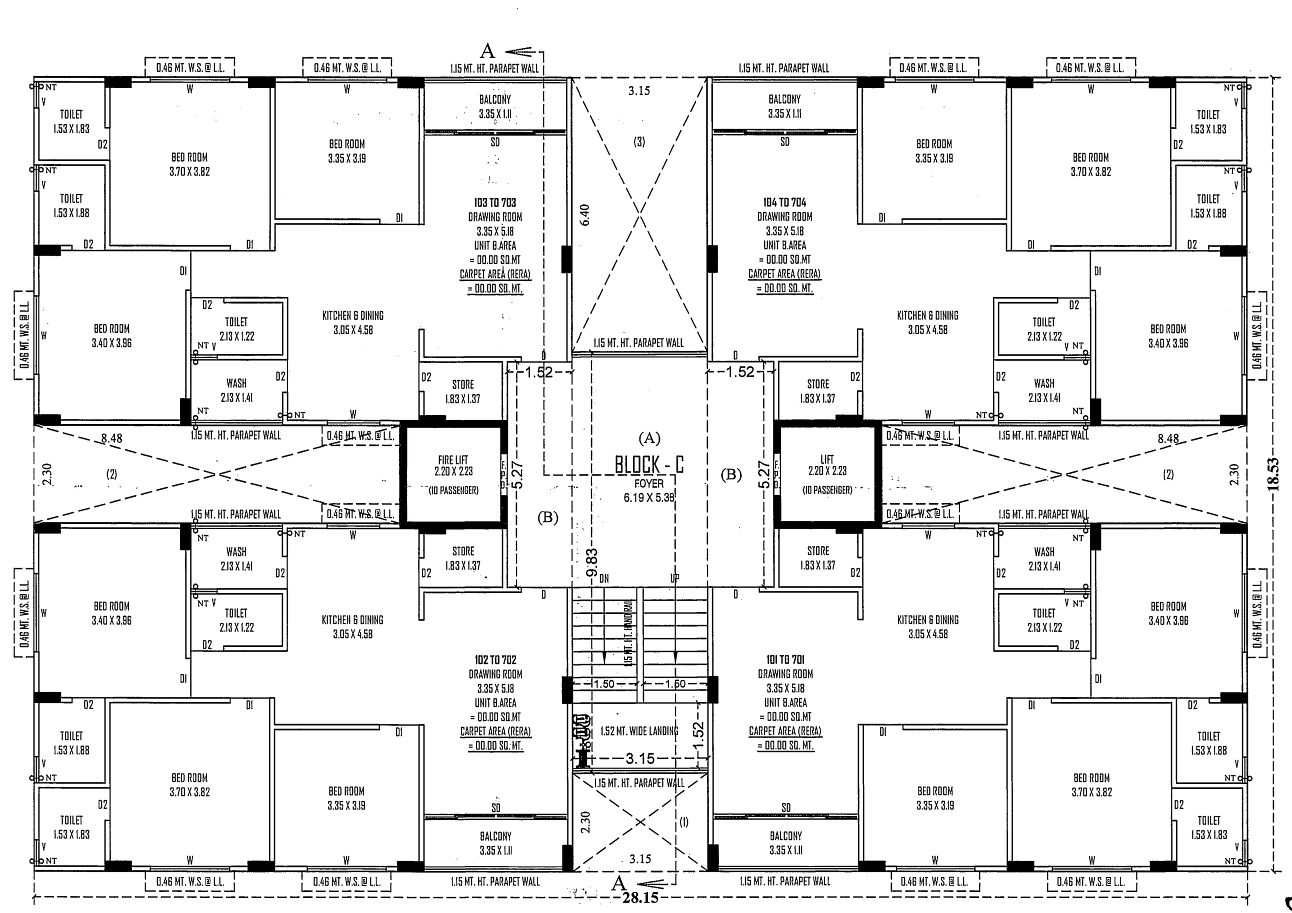
-: ખાસ શરત :-
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો ઉપયોગ શરૂ કરતાં પહેલાં નિયમાનુસાર અત્રેથી મકાનના વપરાશનું પ્રમાણપત્ર મેળવવાનું ફરજીયાત છે.


LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE

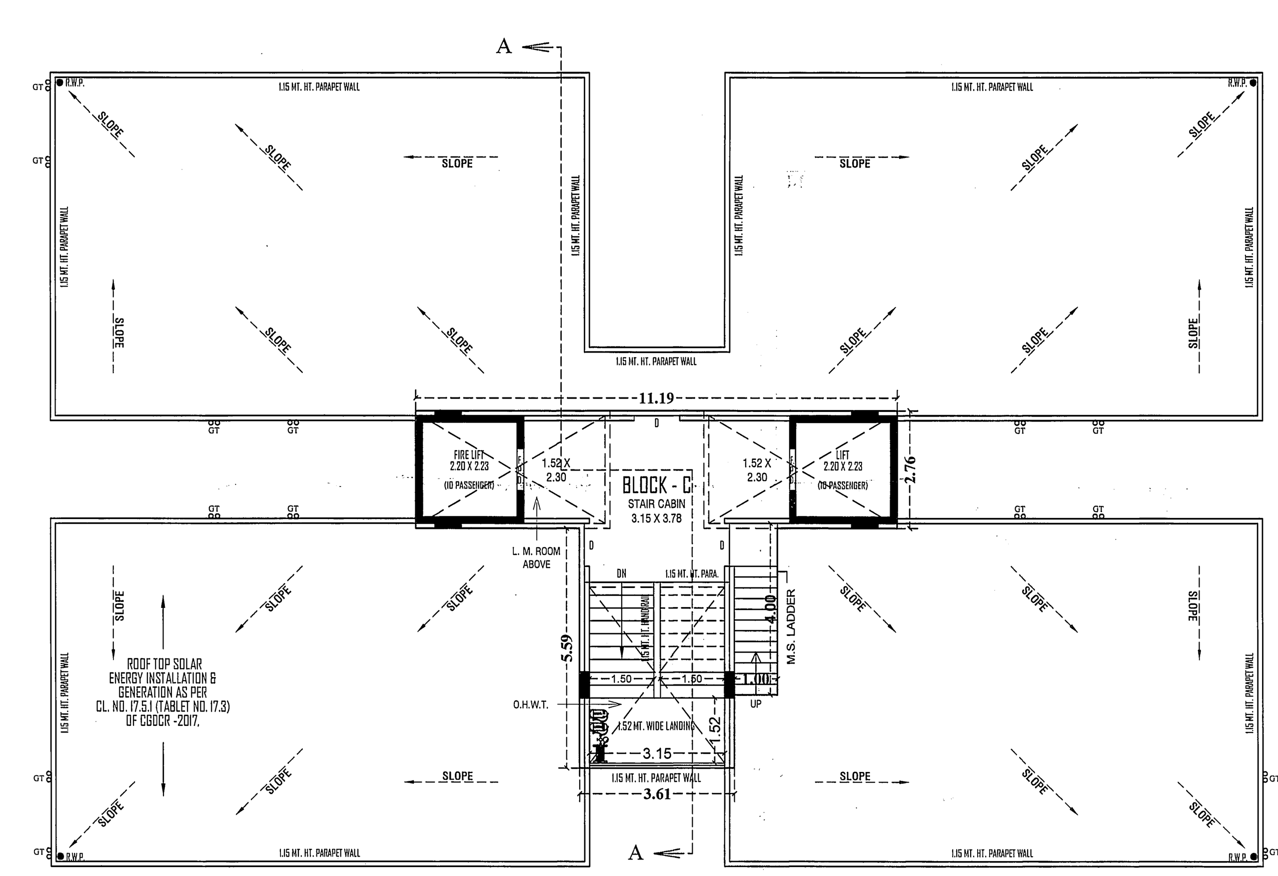
The permission is valid only till the DP/TPS remains Doafted and further that the permission shall stand revoked as soon as there is change in DP/TPS with reference to the land under reference.



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- C
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL


1ST. TO 7TH. FLOOR PLAN BLOCK :- C
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Owner is fully responsible For open marginal Space and road the Protion.


OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- C
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.

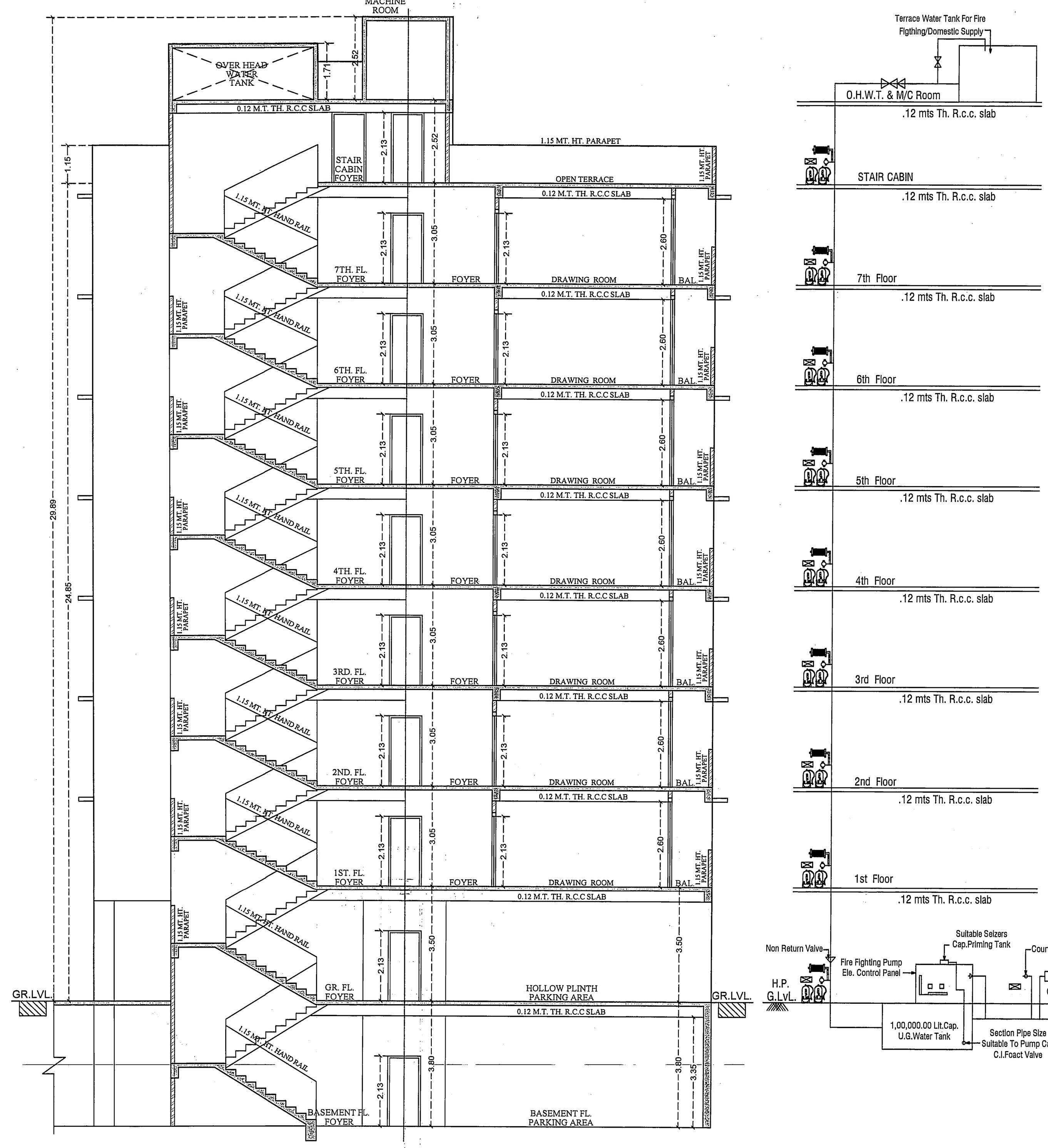
Note Approved By C.E.A. GUDA
Development Charge Paid

APPROVED
(As amended by ________ Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/
Dated

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

FRONT ELEVATION



SECTION 'A-A'

PROP. B. AREA CALC. GROUND FLOOR :-		
(GROUND FLOOR)		
(1) 28.15 X 18.53 X 1	=	521.62 SQ. MT.
LESS:-		
(1) 3.15 X 2.30 X 1	=	7.25 SQ. MT.
(2) 8.48 X 2.30 X 2	=	39.00 SQ. MT.
(3) 3.15 X 6.40 X 1	=	20.16 SQ. MT.
TOTAL	=	66.41 SQ. MT.
NET B-UP AREA GROUND FLOOR :-	=	455.21 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-		
(1st. TO 7th. FLOOR)		
(1) 28.15 X 18.53 X 1	=	521.62 SQ. MT.
LESS:-		
(1) 3.15 X 2.30 X 1	=	7.25 SQ. MT.
(2) 8.48 X 2.30 X 2	=	39.00 SQ. MT.
(3) 3.15 X 6.40 X 1	=	20.16 SQ. MT.
TOTAL	=	66.40 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-	=	455.21 SQ. MT.

PROP. B. AREA CAL. ON STAIR CABIN :-		
(1) 11.19 X 2.76 X 1	=	30.88 SQ. MT.
(2) 3.61 X 5.59 X 1	=	20.18 SQ. MT.
(3) 04.00 X 1.00 X 1	=	04.00 SQ. MT.
TOTAL	=	55.06 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-	=	55.06 SQ. MT.

PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-		
(1) 3.61 X 4.33 X 1	=	15.63 SQ. MT.
(2) 4.50 X 2.76 X 2	=	24.84 SQ. MT.
TOTAL	=	40.47 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-	=	40.47 SQ. MT.

PROP. F.S.I. AREA CALC. TY. FLOOR :-		
(1st. TO 7th. FLOOR)		
B. AREA ON TY. FLOOR	=	455.21 SQ. MT.
LESS:-		
(A) 3.15 X 9.83 X 1	=	30.96 SQ. MT.
(B) 1.52 X 5.27 X 2	=	16.02 SQ. MT.
TOTAL	=	46.98 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :- (1st. TO 7th. FLOOR)	=	408.23 SQ. MT.

BLOCK :- D UNIT BUILT-UP AREA CALCULATION		
FLAT NO. - 101 TO 701		
FLAT NO. - 102 TO 702		
FLAT NO. - 103 TO 703		
FLAT NO. - 104 TO 704		
(1) 10.98 X 8.11	=	89.05
(2) 1.52 X 6.63	=	10.08
NET BUILT - UP AREA	=	99.13

BLOCK :- D RESI. CARPET AREA (RERA) CALC. :-		
FLAT NO. - 101 TO 701		
FLAT NO. - 102 TO 702		
FLAT NO. - 103 TO 703		
FLAT NO. - 104 TO 704		
(1) 5.11 X 6.78	=	34.65
(2) 1.52 X 5.30	=	8.06
(3) 3.28 X 1.11	=	3.64
(4) 2.13 X 6.47	=	13.78
(5) 3.51 X 7.89	=	27.69
NET CARPET AREA	=	87.82
BALCONY 3.35 X 1.11	=	3.72
WASH 2.13 X 1.41	=	3.00
TOTAL WASH & BALC.	=	6.72

RESIDENCE						
FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA BUILT-UP AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK :- D						
1ST FLOOR	101	99.13	408.23	87.82	3.72	3.00
	102	99.13		87.82	3.72	3.00
	103	99.13		87.82	3.72	3.00
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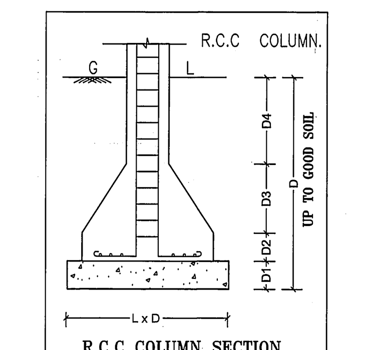
	704	99.13		87.82	3.72	3.00
TOTAL			2857.61	2458.96	104.16	84.00

UNITS CALCULATION		
FLOOR	USE	EQUITY TEN.
BLOCK		D
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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 :-

* 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
* Pedesttrians 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 chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN OPEN TERRACE, SECTION & ELEVATION — SHEET NO.:- 7/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL) BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5 (KUDASAN - RANDESAN - DHOLAKUVA - INDRODA), [SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4] AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT.	BLOCK:- D
ZONE :- RESIDENTIAL -1 (R4)	USE :- RESIDENCE

B.AREA TABLE	SQ. MTS.
PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	455.21 SQ. MTS.
PROP. B.AREA ON 1 ST. FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	455.21 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	55.06 SQ. MTS.
PROP. B.AREA ON LIFT RM.	40.47 SQ. MTS.
PROP. B.AREA TOTAL	3737.21 SQ. MTS.

F.S.I. AREA TABLE	SQ. MTS.
F.S.I. ON 1 ST FLOOR	408.23 SQ. MTS.
F.S.I. ON 2 ND FLOOR	408.23 SQ. MTS.
F.S.I. ON 3 RD FLOOR	408.23 SQ. MTS.
F.S.I. ON 4 TH FLOOR	408.23 SQ. MTS.
F.S.I. ON 5 TH FLOOR	408.23 SQ. MTS.
F.S.I. ON 6 TH FLOOR	408.23 SQ. MTS.
F.S.I. ON 7 TH FLOOR	408.23 SQ. MTS.
TOTAL F.S.I. AREA	2857.61 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

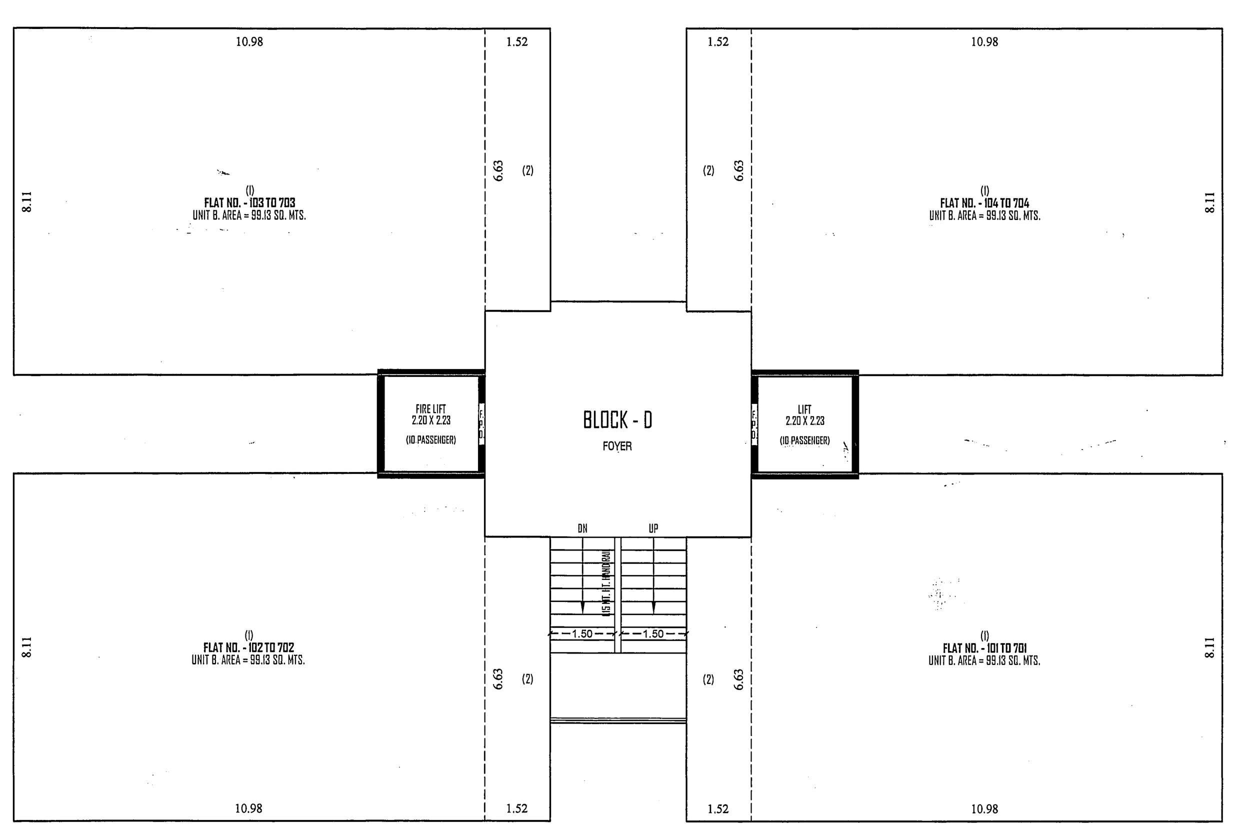
ENGINEER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

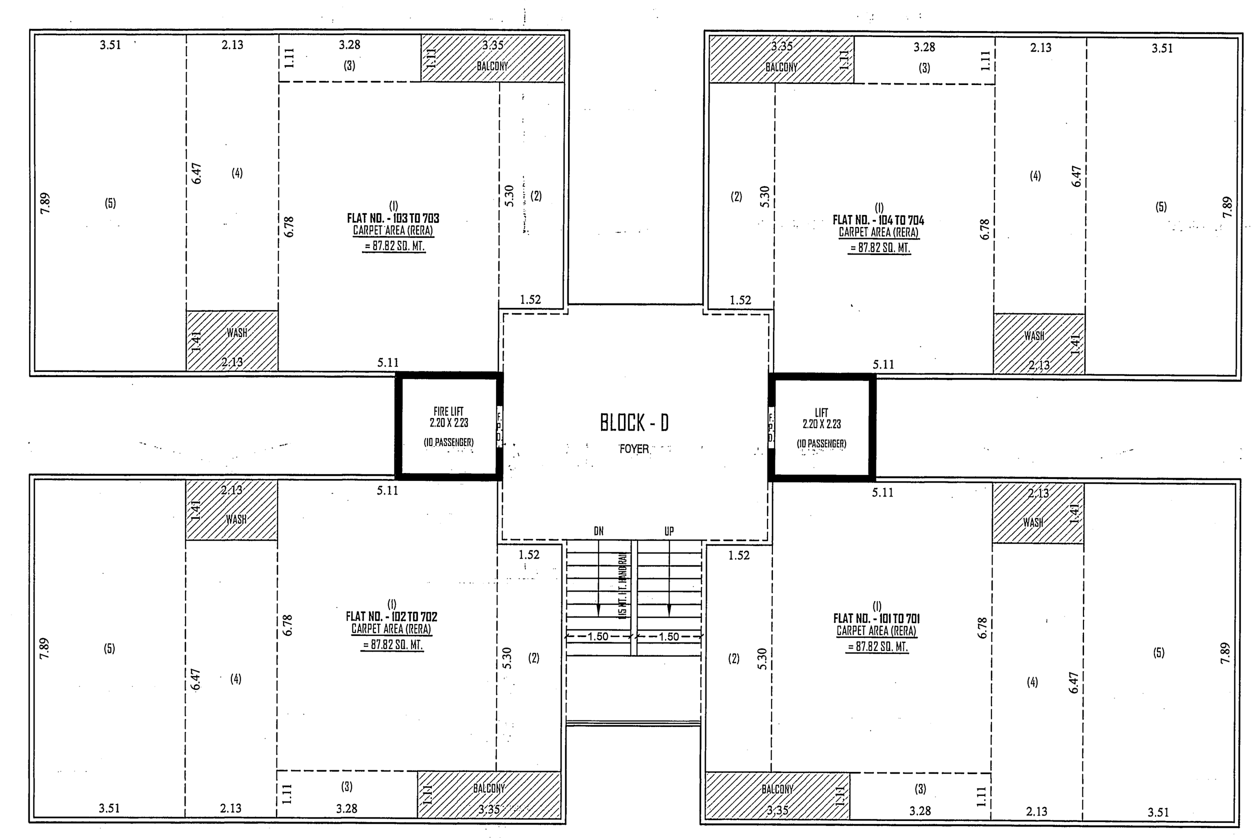
C.O.W. :-

NARENDRA K. PA[illegible]EL
M. Tec[illegible] Str)
HNS DESIGN STUD[illegible]
42, Amrapali Axiom, Amb[illegible]
Ahmedabad, Gujarat-380 0[illegible]4
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-



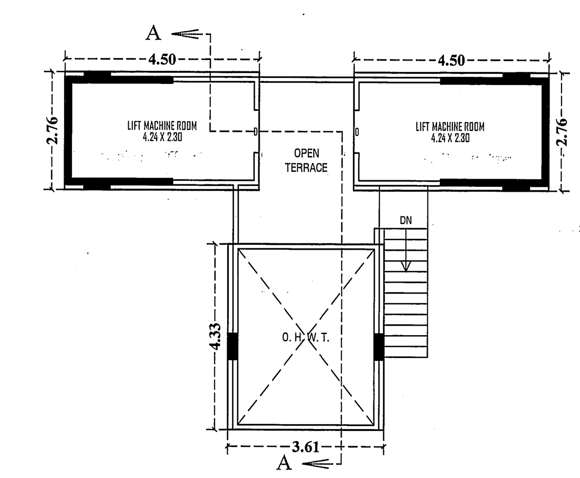
UNIT BUILT-UP AREA CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- D)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- D)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

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

* આમ સરત *
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો ઉપયોગ કરતા પહેલા નિયમાનુસાર અરજી કરી વપરાશ પ્રમાણપત્ર મેળવવાનું રહેશે.



LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE

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 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 servise 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

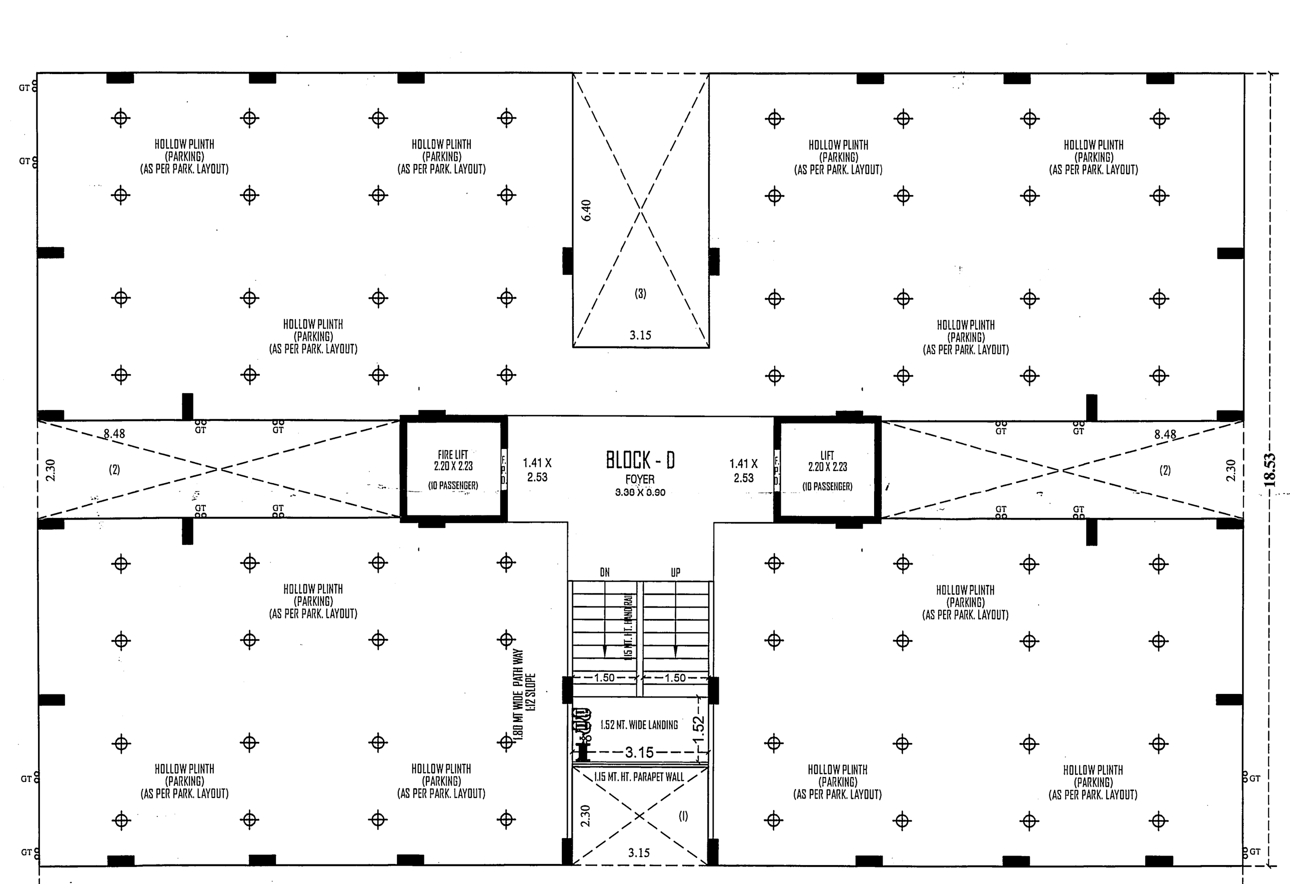
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & Safety system even after the main electrical supply to the building is switched off at the time of fire.

10.INDIVDUAL FIRE SEFTY SYSTEM

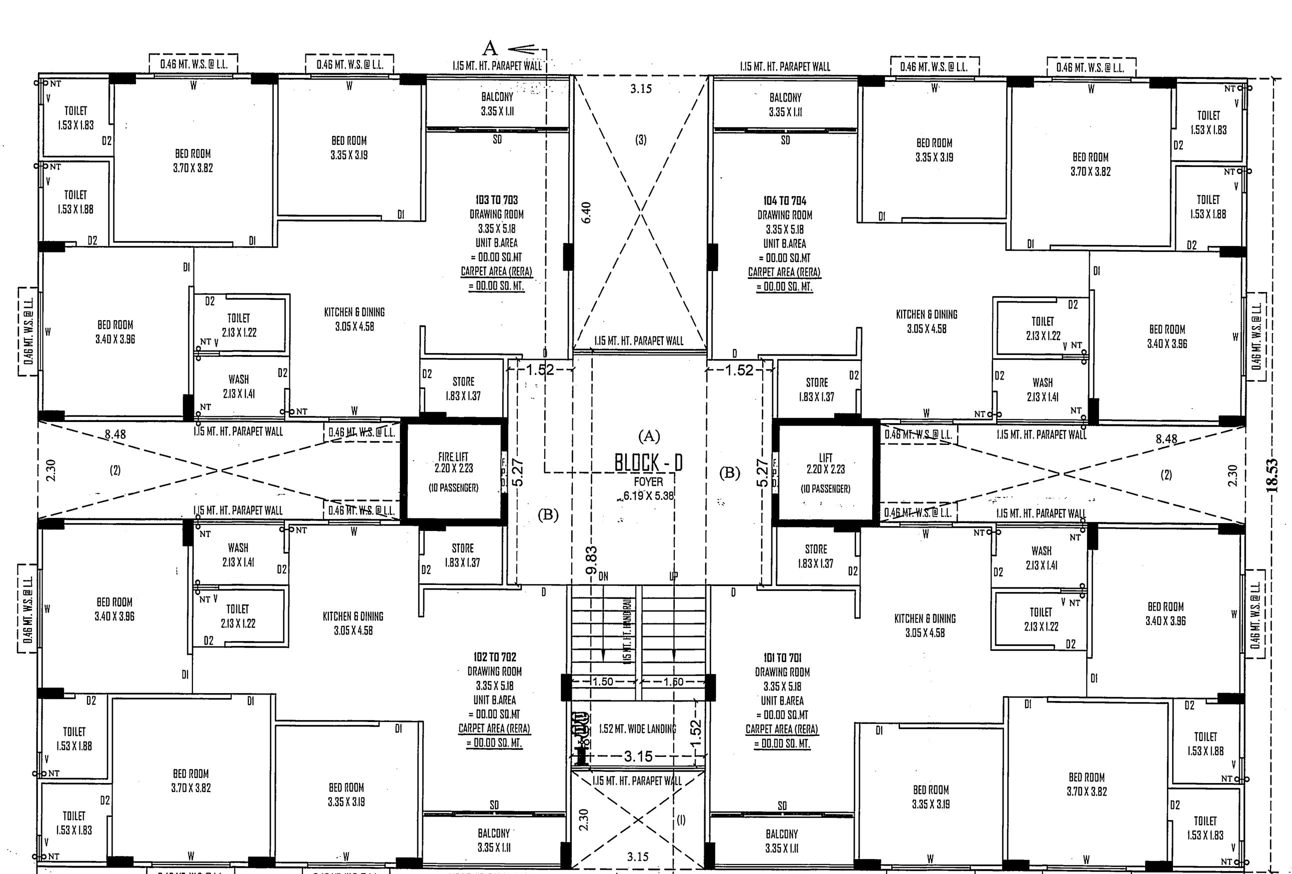
FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:

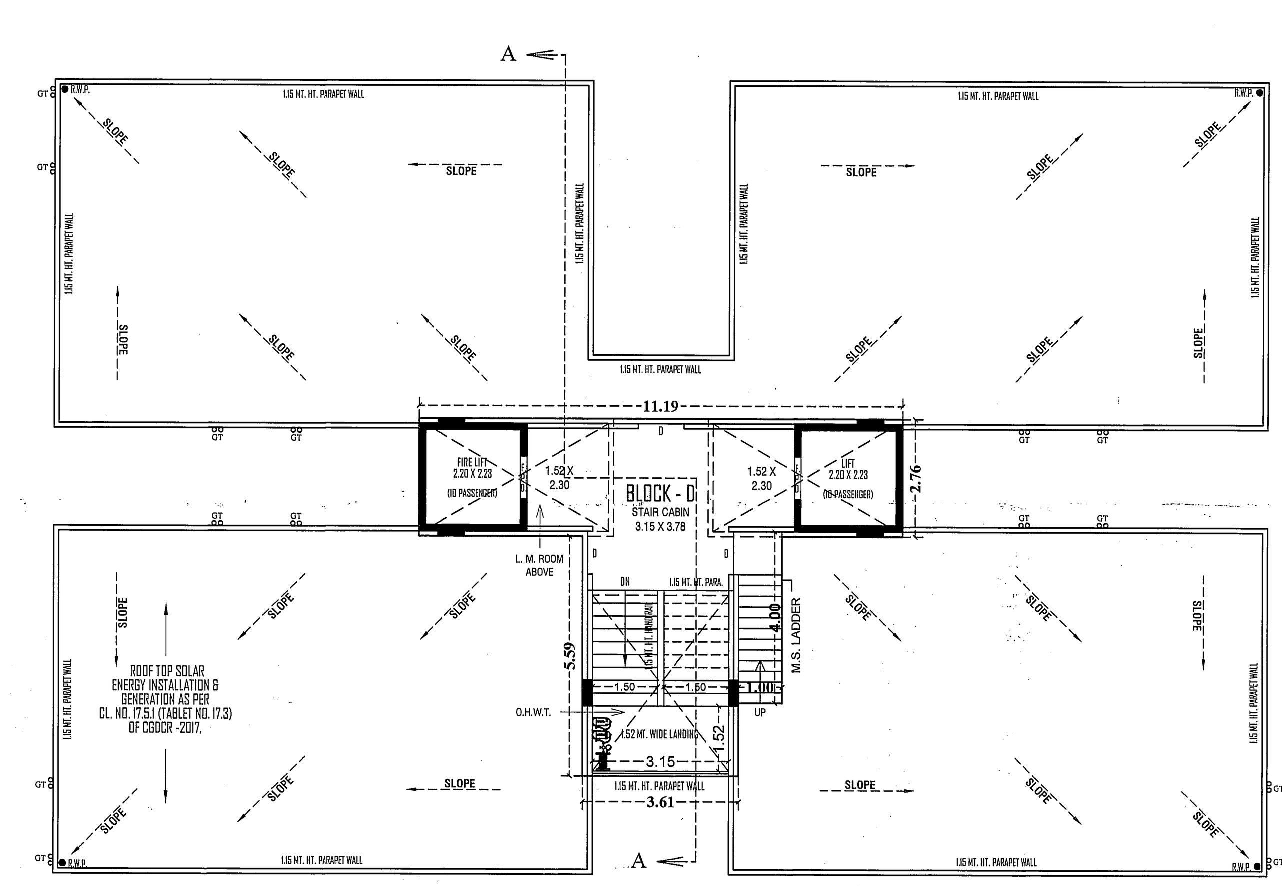
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection system / Active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



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- D
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



1ST. TO 7TH. FLOOR PLAN BLOCK :- D
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



OPEN TERRACE PLAN(STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- D
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Owner is fully responsible For open marginal Space and road the Protion.

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.

Development Charge Paid

Note Approved By C.E.A. GUDA

APPROVED
(As amended by.................... Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/RANDESAN/86/09/20
Dated 13/7/2021
541/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

GANDHINAGAR URBAN DEVELOPMENT AUTHORITY * GANDHINAGAR *

AUTHORITY :-

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN
OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 8/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT. | BLOCK:- E
ZONE :- RESIDENTIAL -1 (R4) | USE :- RESIDENCE

B.AREA TABLE — SQ. MTS.

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH) = 314.67 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON STAIR CABIN = 41.04 SQ. MTS.
PROP. B.AREA ON LIFT RM. = 30.72 SQ. MTS.
PROP. B.AREA TOTAL = 2589.12 SQ. MTS.

F.S.I. AREA TABLE — SQ. MTS.

F.S.I. ON 1 ST FLOOR = 272.21 SQ. MTS.
F.S.I. ON 2 ND FLOOR = 272.21 SQ. MTS.
F.S.I. ON 3 RD FLOOR = 272.21 SQ. MTS.
F.S.I. ON 4 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 5 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 6 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 7 TH FLOOR = 272.21 SQ. MTS.
TOTAL F.S.I. AREA = 1905.47 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR
D = 1.00 X 2.13
D1 = 0.92 X 2.13
D2 = 0.76 X 2.13
SD = 3.66 X 2.63

WINDOW / VENT
W = 1.83 X 1.71
W2 = 1.22 X 1.56
V = 0.61 X 0.61
G = OPEN GAP

R.C.C. STAIR DETAILS

		RESIDENCE	COMMERCIAL
WIDTH	:-	1.50 MT.	1.50 MT.
TREAD	:-	0.25 MT.	0.30 MT.
RISER	:-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER	:-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans
Cinemas, Nikol, Ahmedabad.

ENGINEER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans
Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
Ahmedabad
GUDA Regn. No. SDI/118/0. 2017

STR. ENGINEER :-

RESIDENCE

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK:- E						
1ST FLOOR	101	67.97	272.21	58.32	3.64	2.43
	102	67.97		58.32	3.64	2.43
	103	67.97		58.32	3.64	2.43
	104	67.97		58.32	3.64	2.43
2ND FLOOR	201	67.97	272.21	58.32	3.64	2.43
	202	67.97		58.32	3.64	2.43
	203	67.97		58.32	3.64	2.43
	204	67.97		58.32	3.64	2.43
3RD FLOOR	301	67.97	272.21	58.32	3.64	2.43
	302	67.97		58.32	3.64	2.43
	303	67.97		58.32	3.64	2.43
	304	67.97		58.32	3.64	2.43
4TH FLOOR	401	67.97	272.21	58.32	3.64	2.43
	402	67.97		58.32	3.64	2.43
	403	67.97		58.32	3.64	2.43
	404	67.97		58.32	3.64	2.43
5TH FLOOR	501	67.97	272.21	58.32	3.64	2.43
	502	67.97		58.32	3.64	2.43
	503	67.97		58.32	3.64	2.43
	504	67.97		58.32	3.64	2.43
6TH FLOOR	601	67.97	272.21	58.32	3.64	2.43
	602	67.97		58.32	3.64	2.43
	603	67.97		58.32	3.64	2.43
	604	67.97		58.32	3.64	2.43
7TH FLOOR	701	67.97	272.21	58.32	3.64	2.43
	702	67.97		58.32	3.64	2.43
	703	67.97		58.32	3.64	2.43
	704	67.97		58.32	3.64	2.43
TOTAL			1905.47	1632.96	101.92	68.04

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		E
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

PROP. B. AREA CALC. GROUND FLOOR :-
(GROUND FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA GROUND FLOOR :-
= 314.67 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(1st. TO 7th. FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-
= 314.67 SQ. MT.

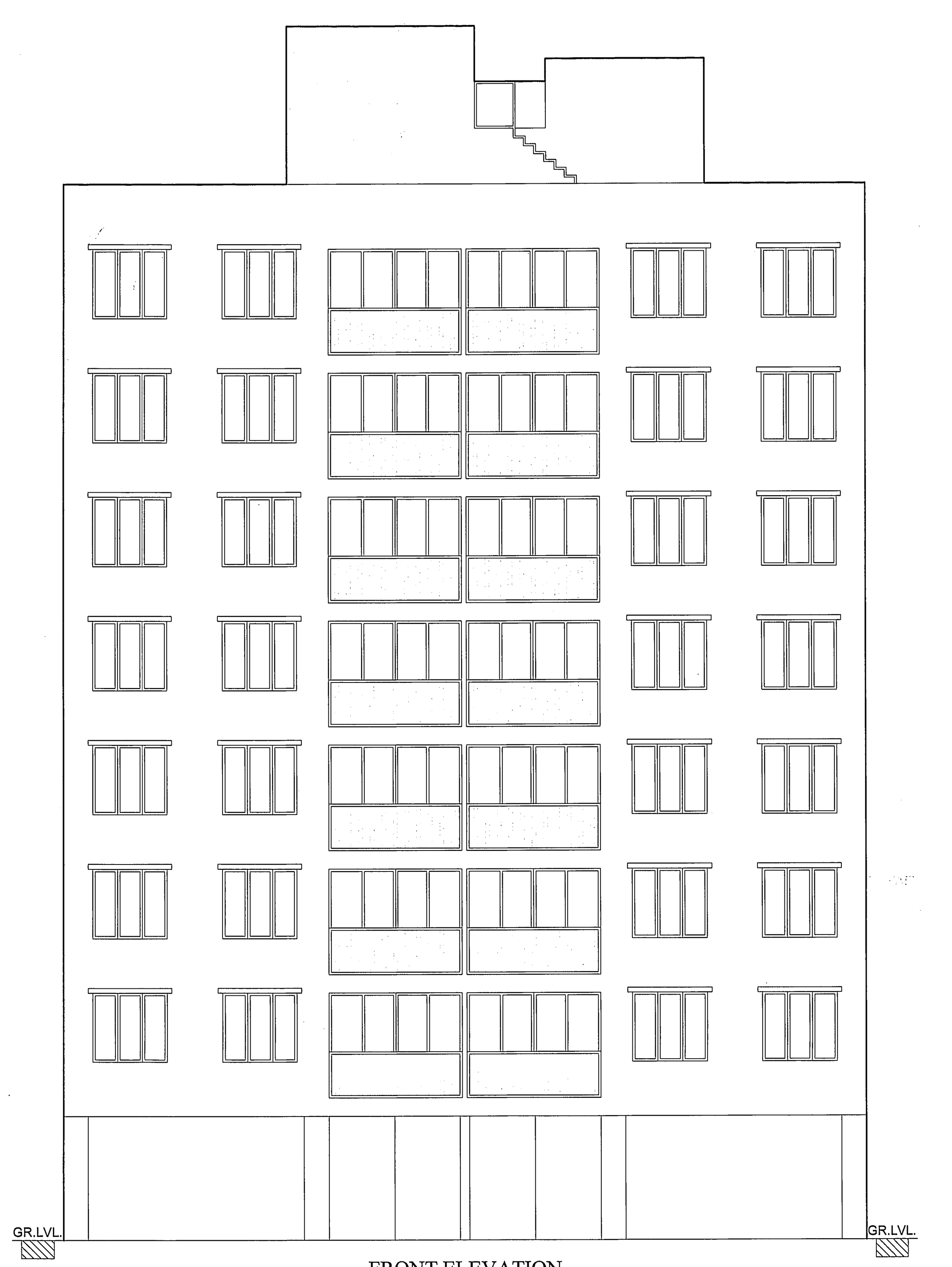
PROP. B. AREA CAL. ON STAIR CABIN :-
(1) 10.26 X 3.61 X 1 = 37.04 SQ. MT.
(2) 04.00 X 1.00 X 1 = 04.00 SQ. MT.
TOTAL = 41.04 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-
= 41.04 SQ. MT.

PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-
(1) 3.88 X 3.61 X 1 = 14.01 SQ. MT.
(2) 4.63 X 3.61 X 1 = 16.71 SQ. MT.
TOTAL = 30.72 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-
= 30.72 SQ. MT.

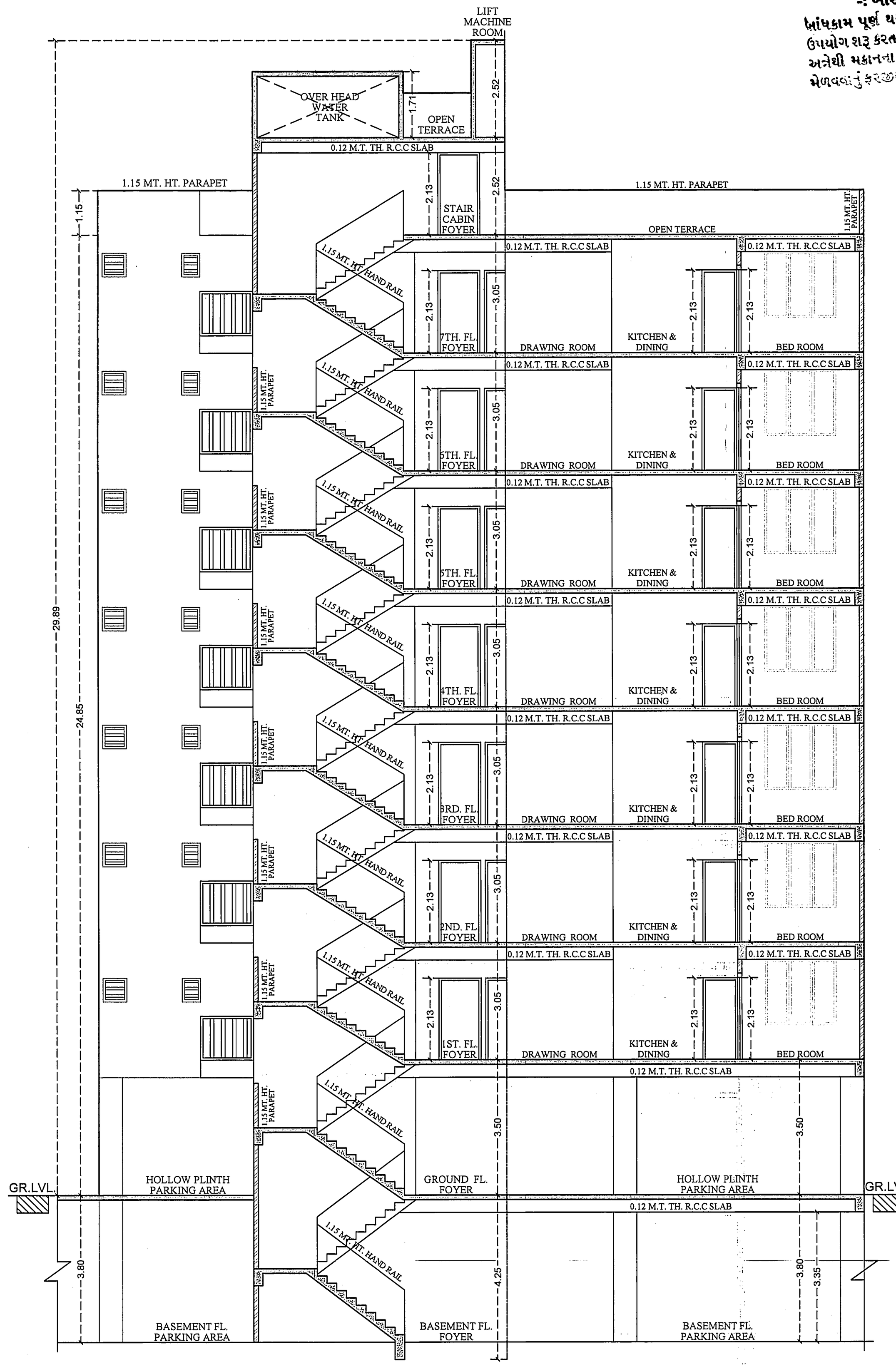
PROP. F.S.I. AREA CALC. TY. FLOOR :-
(1st. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 314.67 SQ. MT.
LESS:-
(A) 10.26 X 3.15 X 1 = 32.32 SQ. MT.
(B) 3.45 X 1.47 X 2 = 10.14 SQ. MT.
TOTAL = 42.46 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(1st. TO 7th. FLOOR) = 272.21 SQ. MT.

BLOCK :- E
UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 5.54 X 7.69 = 42.60
(2) 2.59 X 5.65 = 14.63
(3) 1.73 X 6.21 = 10.74
NET BUILT - UP AREA = 67.97

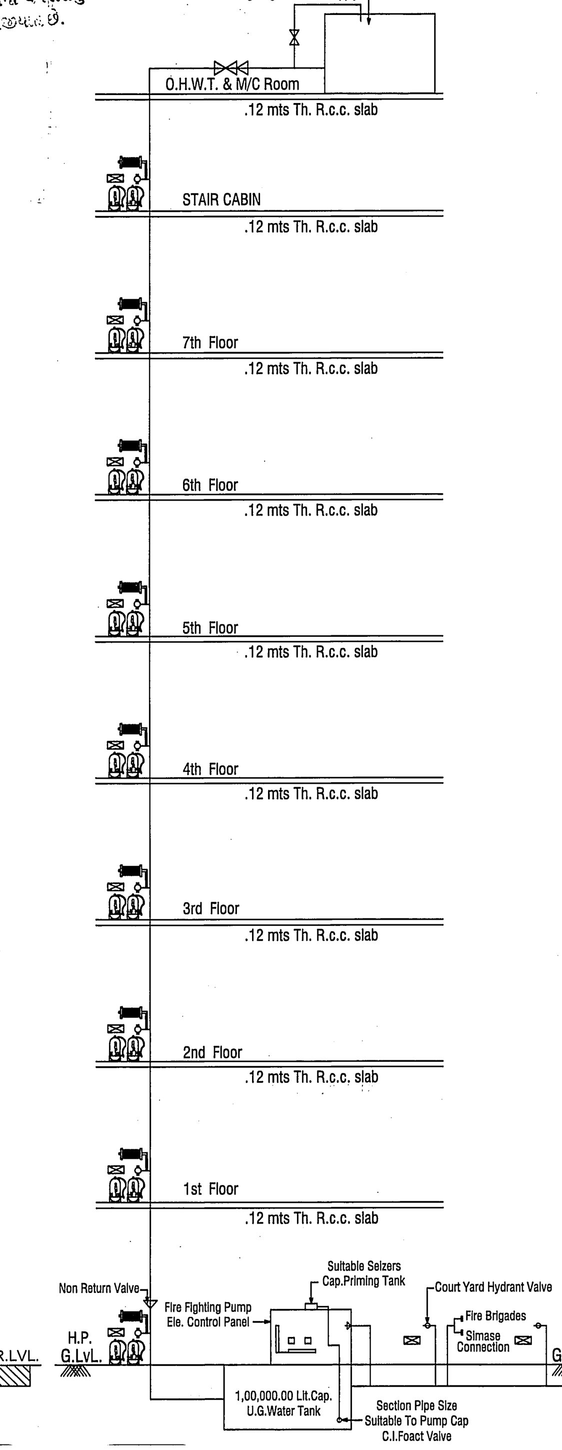
BLOCK :- E
RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 3.28 X 4.88 = 16.01
(2) 4.06 X 1.47 = 5.97
(3) 2.56 X 5.99 = 15.33
(4) 1.26 X 5.53 = 6.97
(5) 2.59 X 5.42 = 14.04
NET CARPET AREA = 58.32
BALCONY 3.28 X 1.11 = 3.64
WASH 1.26 X 1.93 = 2.43
TOTAL WASH & BALC. = 6.07



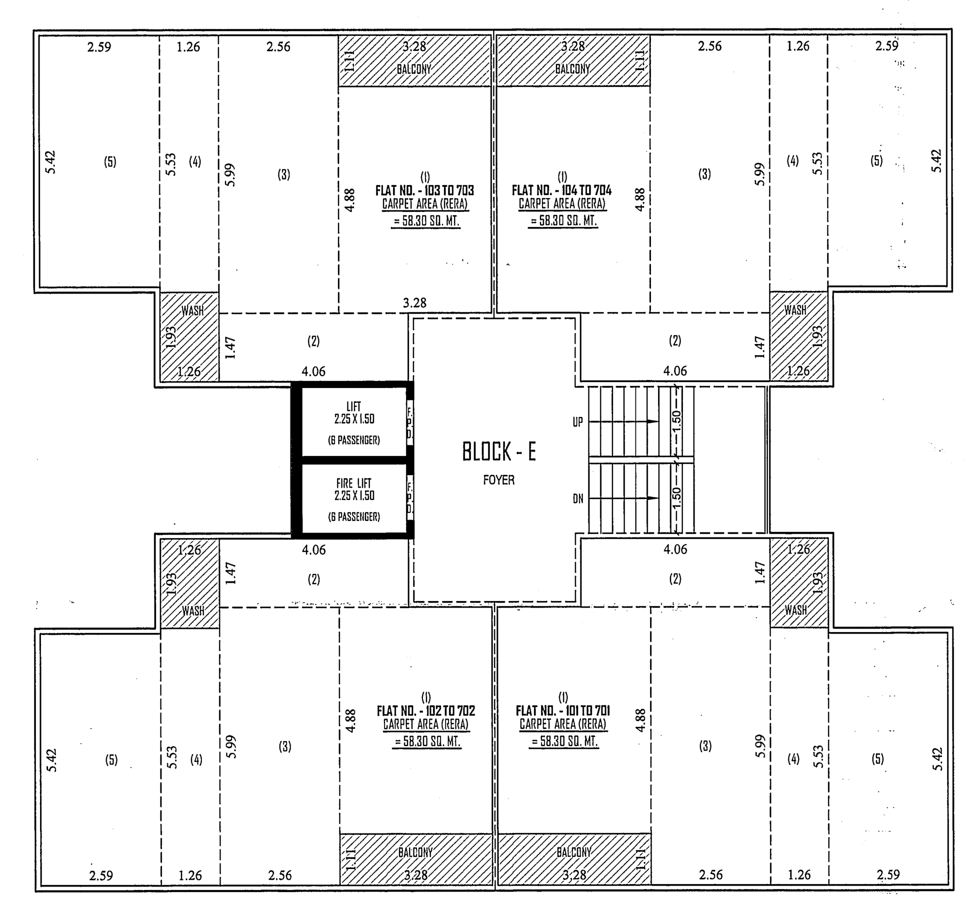
FRONT ELEVATION



SECTION 'A-A'



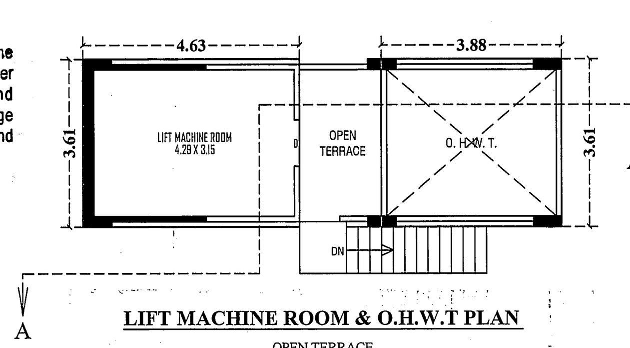
UNIT BUILT-UP AREA CALCULATION IST. TO 7TH. FLOOR PLAN (BLOCK :- E)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



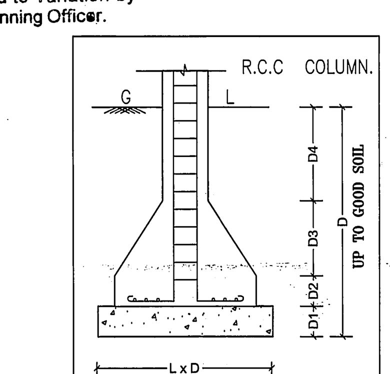
CARPET, WASH & BALCONY AREA (RERA) CALCULATION IST. TO 7TH. FLOOR PLAN (BLOCK :- E)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

The permission is valied only till the DP/TPS remains Coaltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with reference to the land ender reference.

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.



LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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

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
* Pedesttrians 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 chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 servise 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.

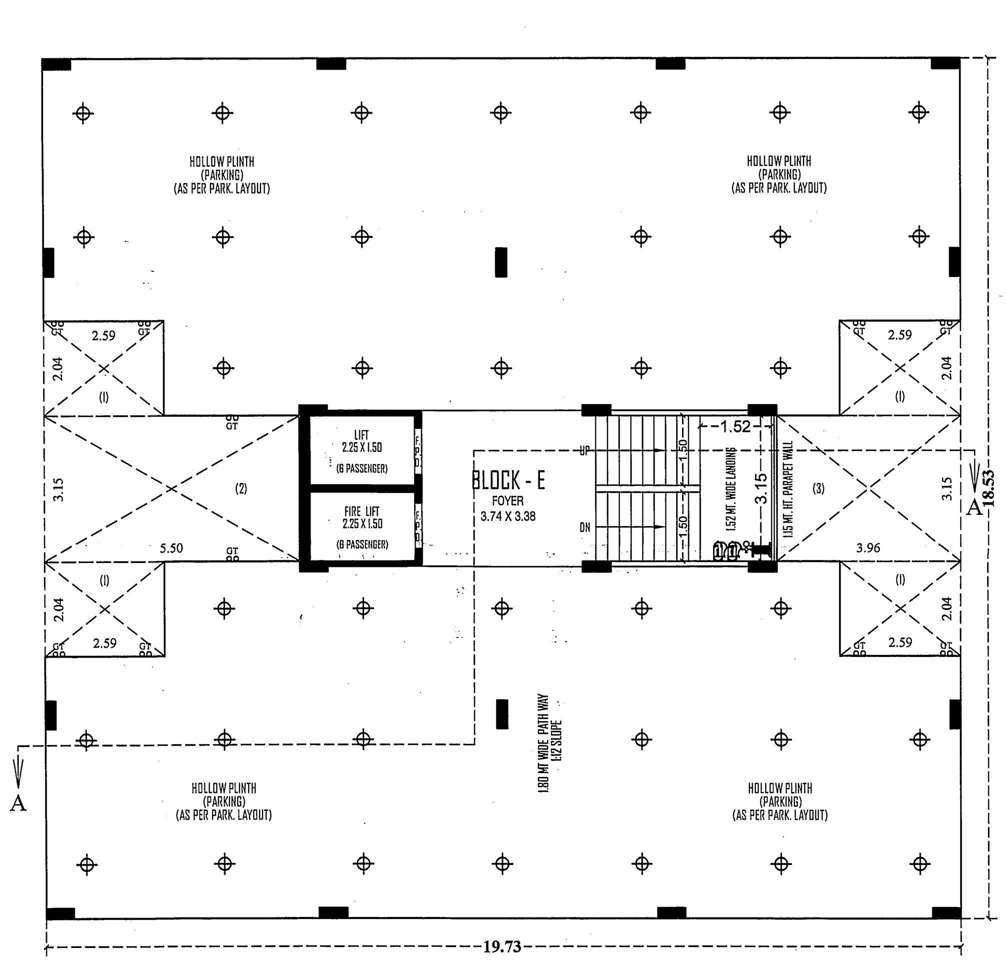
7. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

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 edequate 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 suppy 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.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.



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- E
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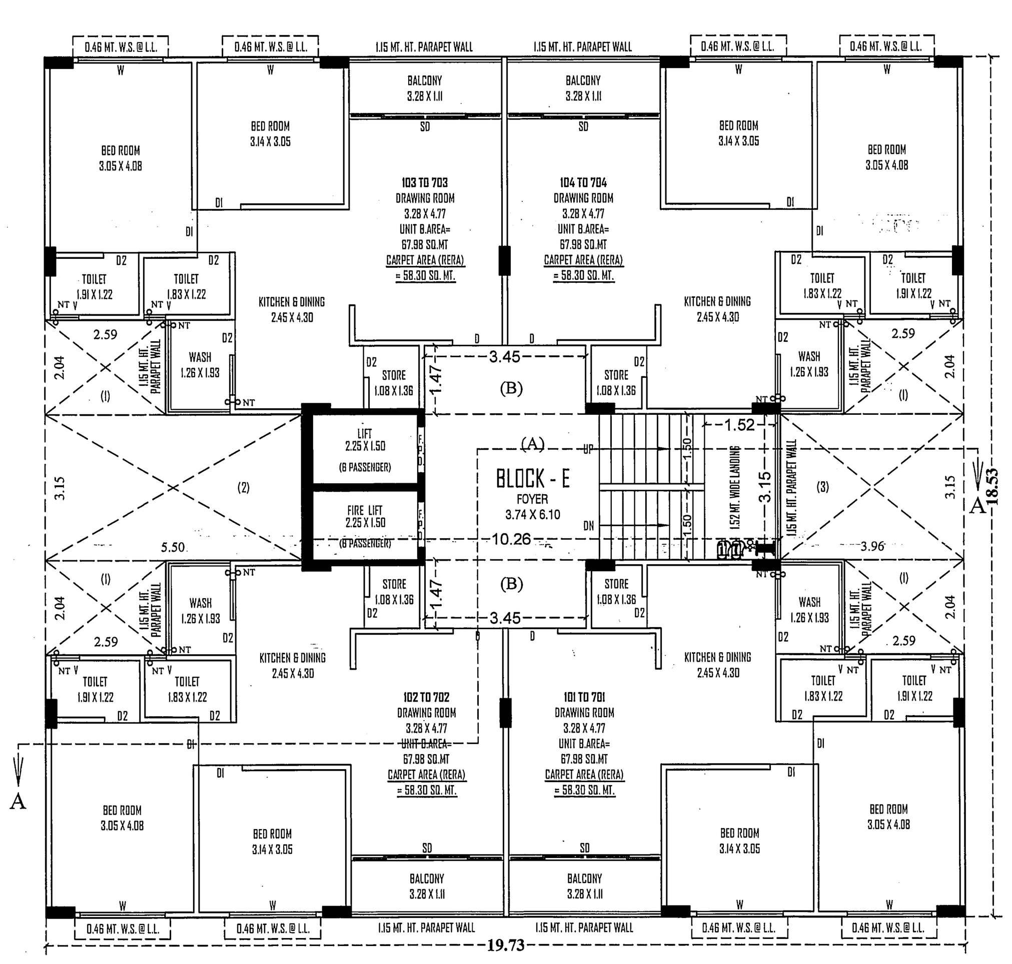
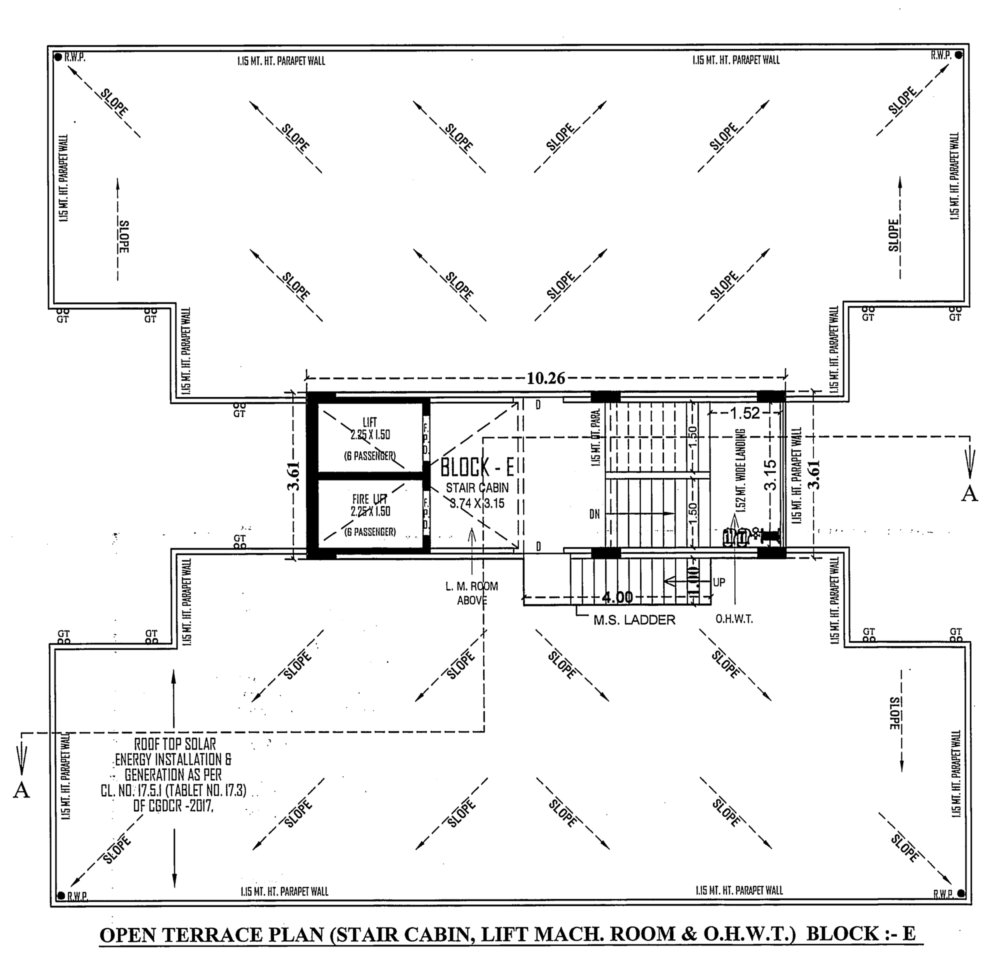


1ST. TO 7TH. FLOOR PLAN BLOCK :- E
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- E
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Owner is fully responsible For open marginal Space and road the Protion.

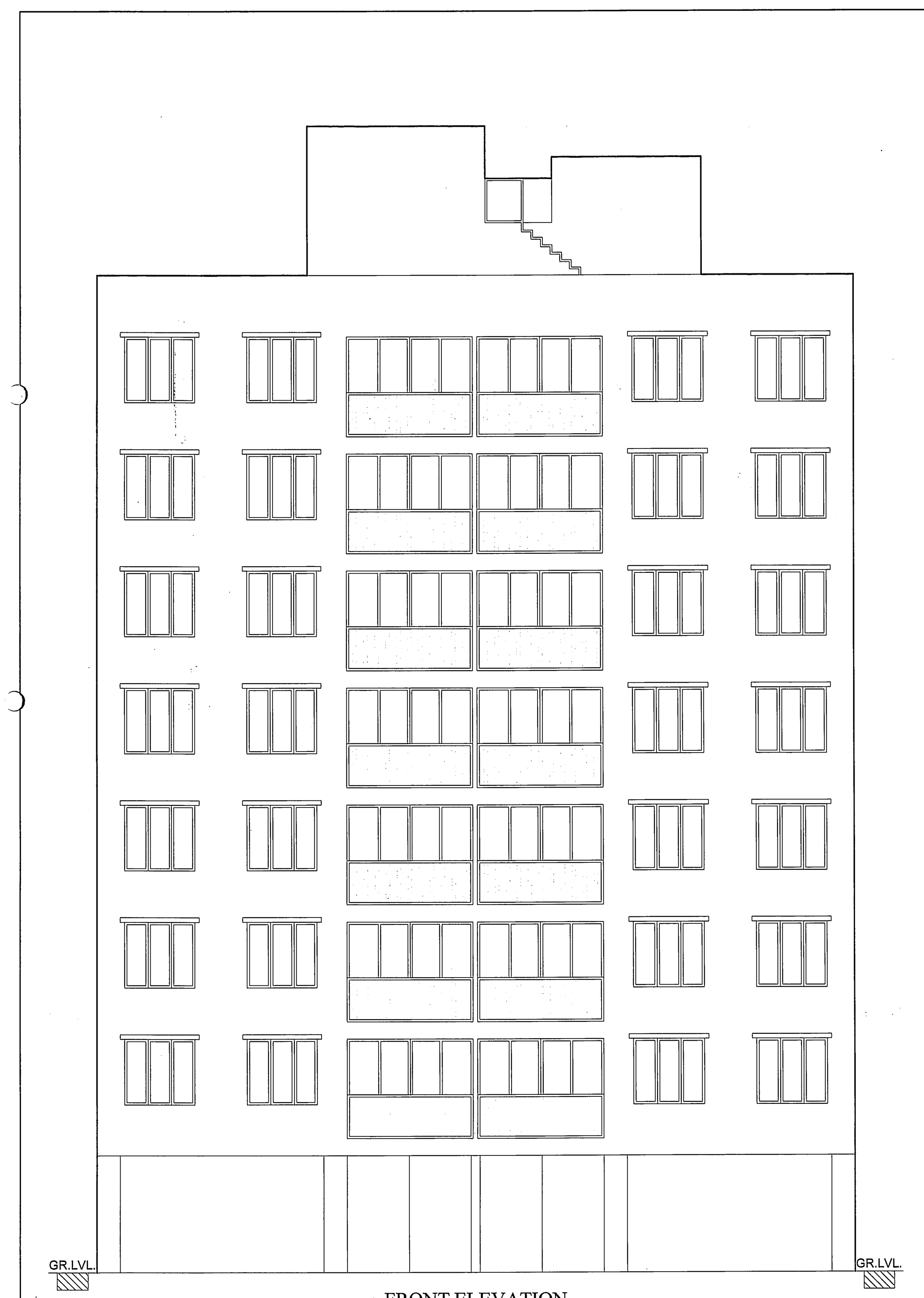
Development Charge Paid

Note Approved By C.E.A. GUDA

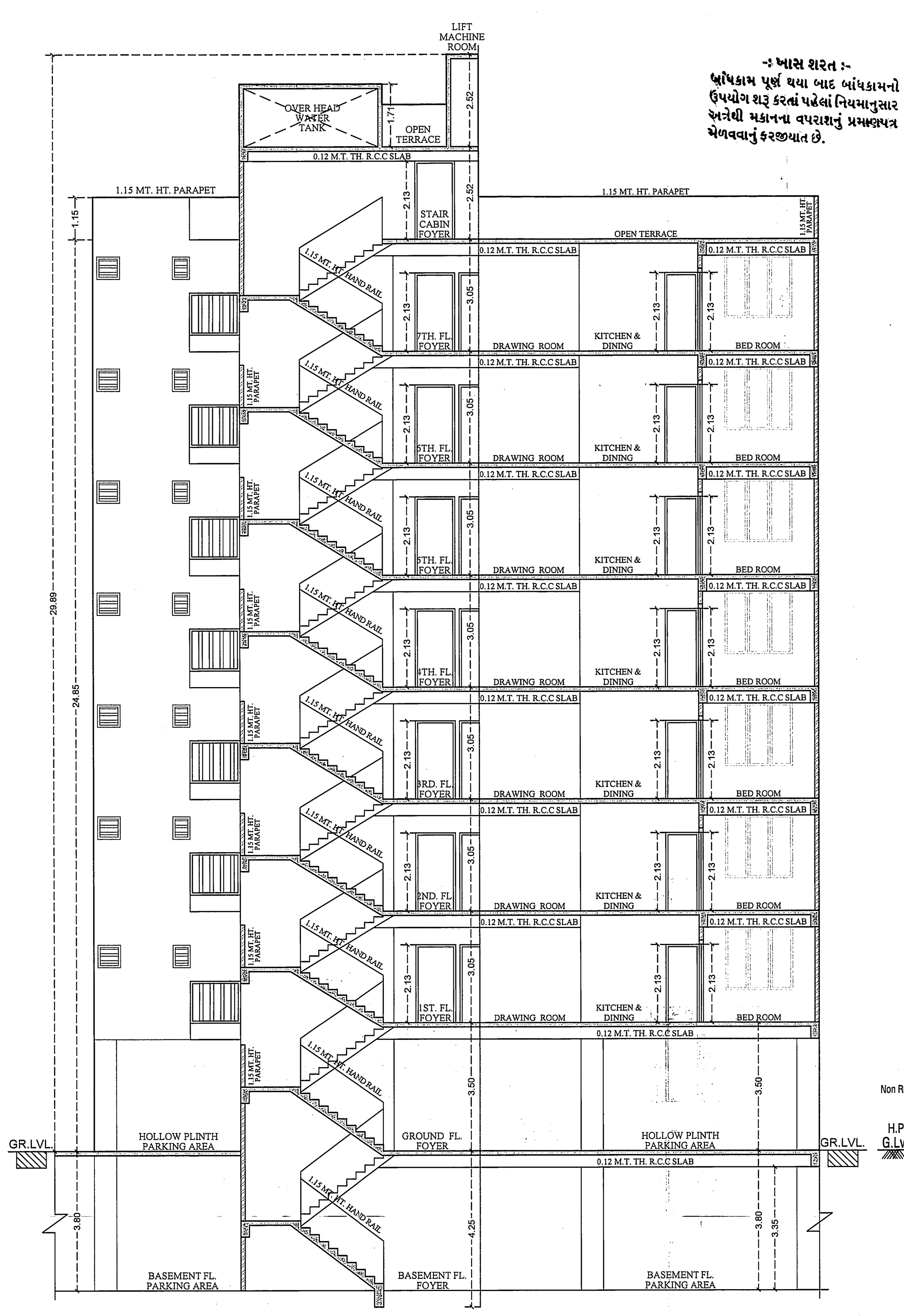
APPROVED
(As amended by............Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/GANDESAN/86/09/20
Dated.......... 13/1/2021 5/1/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

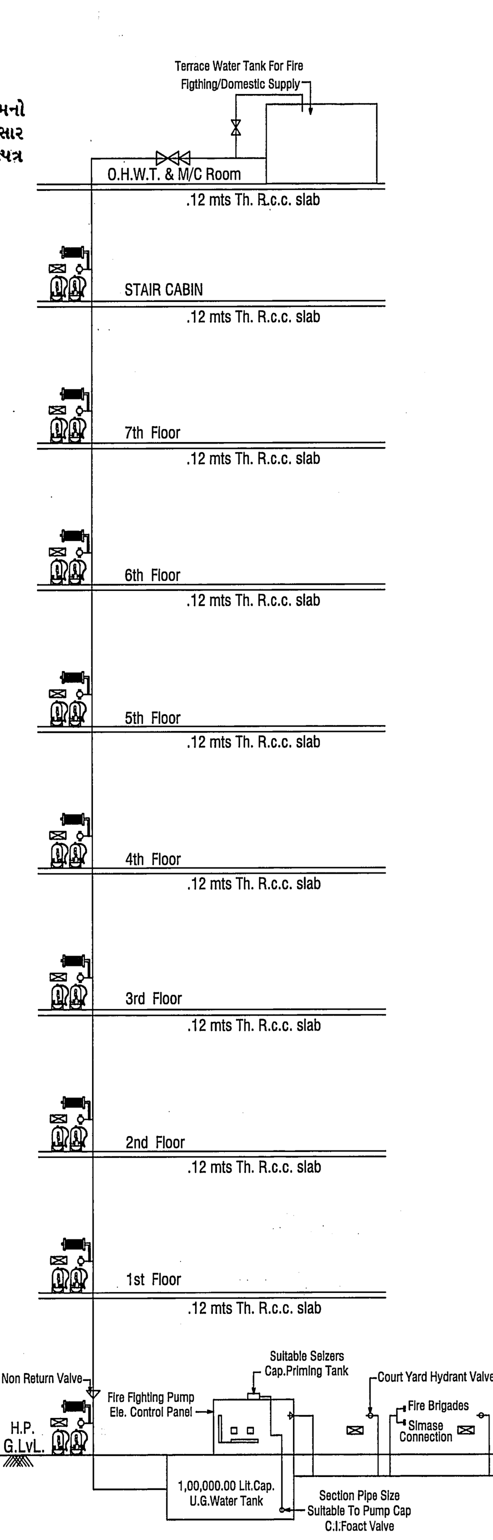
AUTHORITY :-



FRONT ELEVATION



SECTION 'A-A'



PROP. B. AREA CALC. GROUND FLOOR :-
(GROUND FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA GROUND FLOOR :-
= 314.67 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(1st. TO 7th. FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-
= 314.67 SQ. MT.

PROP. B. AREA CAL. ON STAIR CABIN :-
(1) 10.26 X 3.61 X 1 = 37.04 SQ. MT.
(2) 04.00 X 1.00 X 1 = 04.00 SQ. MT.
TOTAL = 41.04 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-
= 41.04 SQ. MT.

PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-
(1) 3.88 X 3.61 X 1 = 14.01 SQ. MT.
(2) 4.63 X 3.61 X 1 = 16.71 SQ. MT.
TOTAL = 30.72 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-
= 30.72 SQ. MT.

PROP. F.S.I. AREA CALC. TY. FLOOR :-
(1st. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 314.68 SQ. MT.
LESS:-
(A) 10.26 X 3.15 X 1 = 32.32 SQ. MT.
(B) 3.45 X 1.47 X 2 = 10.14 SQ. MT.
TOTAL = 42.46 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(1st. TO 7th. FLOOR) = 272.21 SQ. MT.

BLOCK :- F
UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 5.54 X 7.69 = 42.60
(2) 2.59 X 5.65 = 14.63
(3) 1.73 X 6.21 = 10.74
NET BUILT - UP AREA = 67.97

BLOCK :- F
RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 3.28 X 4.88 = 16.01
(2) 4.06 X 1.47 = 5.97
(3) 2.56 X 5.99 = 15.33
(4) 1.26 X 5.53 = 6.97
(5) 2.59 X 5.42 = 14.04
NET CARPET AREA = 58.32
BALCONY 3.28 X 1.11 = 3.64
WASH 1.26 X 1.93 = 2.43
TOTAL WASH & BALC. = 6.07

RESIDENCE

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK:- F						
1ST FLOOR	101	67.97	272.21	58.32	3.64	2.43
	102	67.97		58.32	3.64	2.43
	103	67.97		58.32	3.64	2.43
	104	67.97		58.32	3.64	2.43
2ND FLOOR	201	67.97	272.21	58.32	3.64	2.43
	202	67.97		58.32	3.64	2.43
	203	67.97		58.32	3.64	2.43
	204	67.97		58.32	3.64	2.43
3RD FLOOR	301	67.97	272.21	58.32	3.64	2.43
	302	67.97		58.32	3.64	2.43
	303	67.97		58.32	3.64	2.43
	304	67.97		58.32	3.64	2.43
4TH FLOOR	401	67.97	272.21	58.32	3.64	2.43
	402	67.97		58.32	3.64	2.43
	403	67.97		58.32	3.64	2.43
	404	67.97		58.32	3.64	2.43
5TH FLOOR	501	67.97	272.21	58.32	3.64	2.43
	502	67.97		58.32	3.64	2.43
	503	67.97		58.32	3.64	2.43
	504	67.97		58.32	3.64	2.43
6TH FLOOR	601	67.97	272.21	58.32	3.64	2.43
	602	67.97		58.32	3.64	2.43
	603	67.97		58.32	3.64	2.43
	604	67.97		58.32	3.64	2.43
7TH FLOOR	701	67.97	272.21	58.32	3.64	2.43
	702	67.97		58.32	3.64	2.43
	703	67.97		58.32	3.64	2.43
	704	67.97		58.32	3.64	2.43
TOTAL			1905.47	1632.96	101.92	68.04

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		F
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 9/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL) BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5 (KUDASAN - RANDESAN - DHOLAKUVA - INDRODA), [SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4] AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT.	BLOCK:- F
ZONE :- RESIDENTIAL -1 (R4)	USE :- RESIDENCE

B.AREA TABLE — SQ. MTS.

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH) = 314.67 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR = 314.67 SQ. MTS.
PROP. B.AREA ON STAIR CABIN = 41.04 SQ. MTS.
PROP. B.AREA ON LIFT RM. = 30.72 SQ. MTS.
PROP. B.AREA TOTAL = 2589.12 SQ. MTS.

F.S.I. AREA TABLE — SQ. MTS.

F.S.I. ON 1 ST FLOOR = 272.21 SQ. MTS.
F.S.I. ON 2 ND FLOOR = 272.21 SQ. MTS.
F.S.I. ON 3 RD FLOOR = 272.21 SQ. MTS.
F.S.I. ON 4 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 5 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 6 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 7 TH FLOOR = 272.21 SQ. MTS.
TOTAL F.S.I. AREA = 1905.47 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

ENGINEER :-

KIRAN N. PATEL
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AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrapali Axiom, Ambli, Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-

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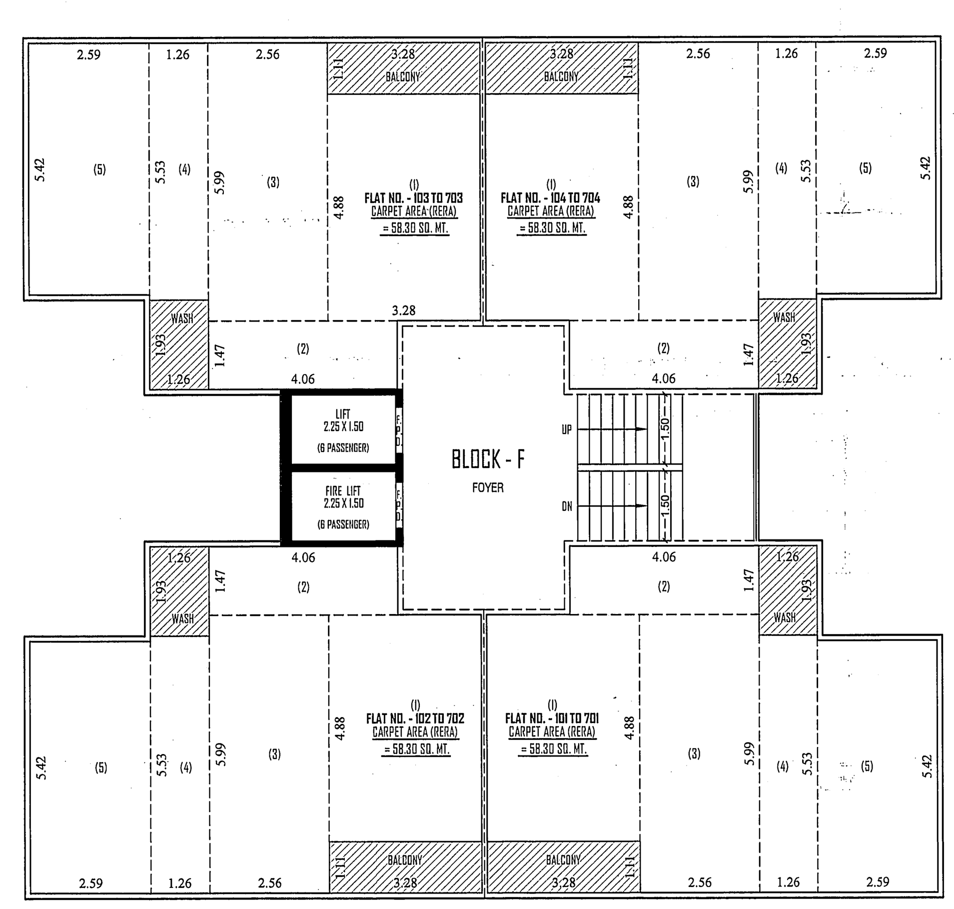

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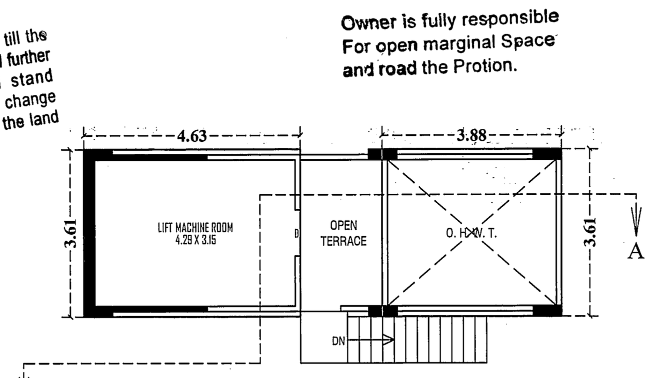
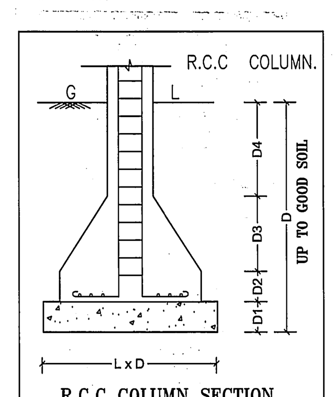


LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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* Water tank is provided as per the provision of the clause no. 13.6 of CGDCR 2017
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* Water tank for fire safety requirement provided as per chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 comer 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 servise 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

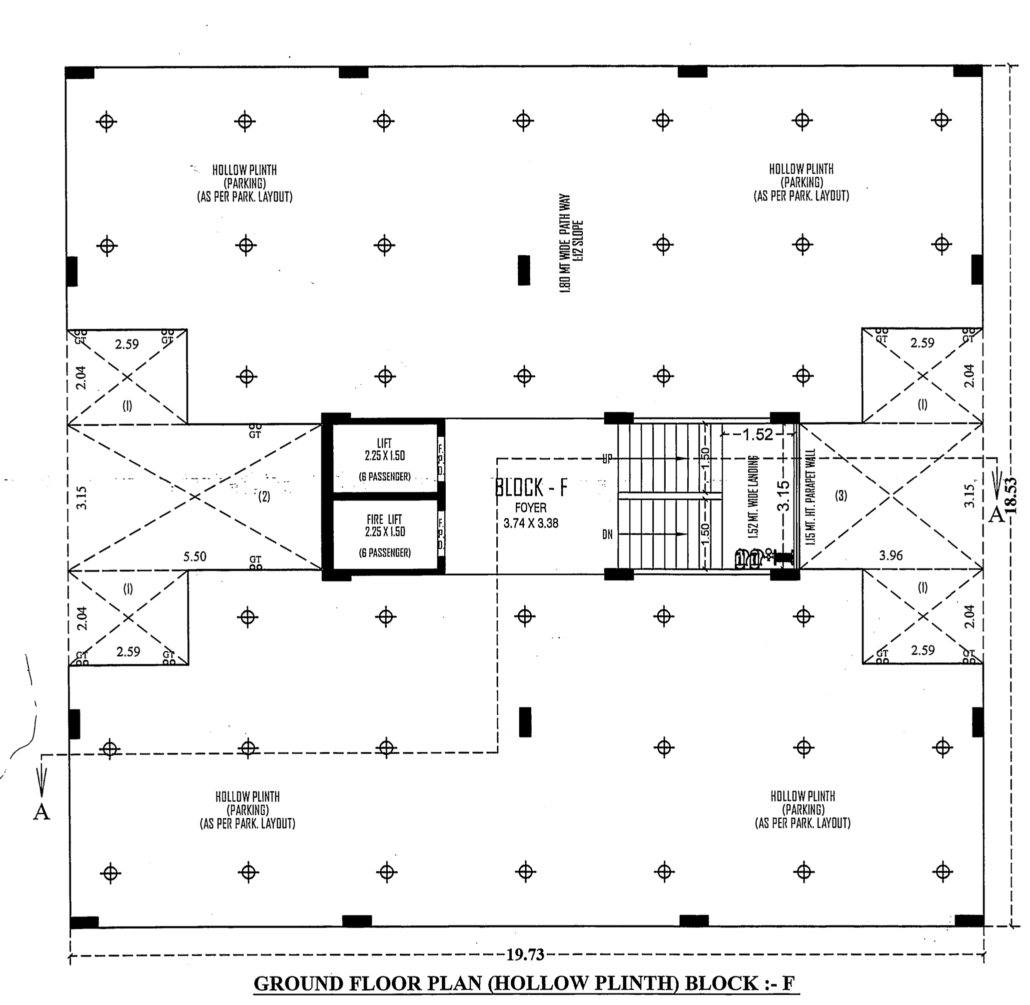
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & Safety system even after the main electrical supply to the building is switched off at the time of fire.

10.INDIVDUAL FIRE SEFTY SYSTEM

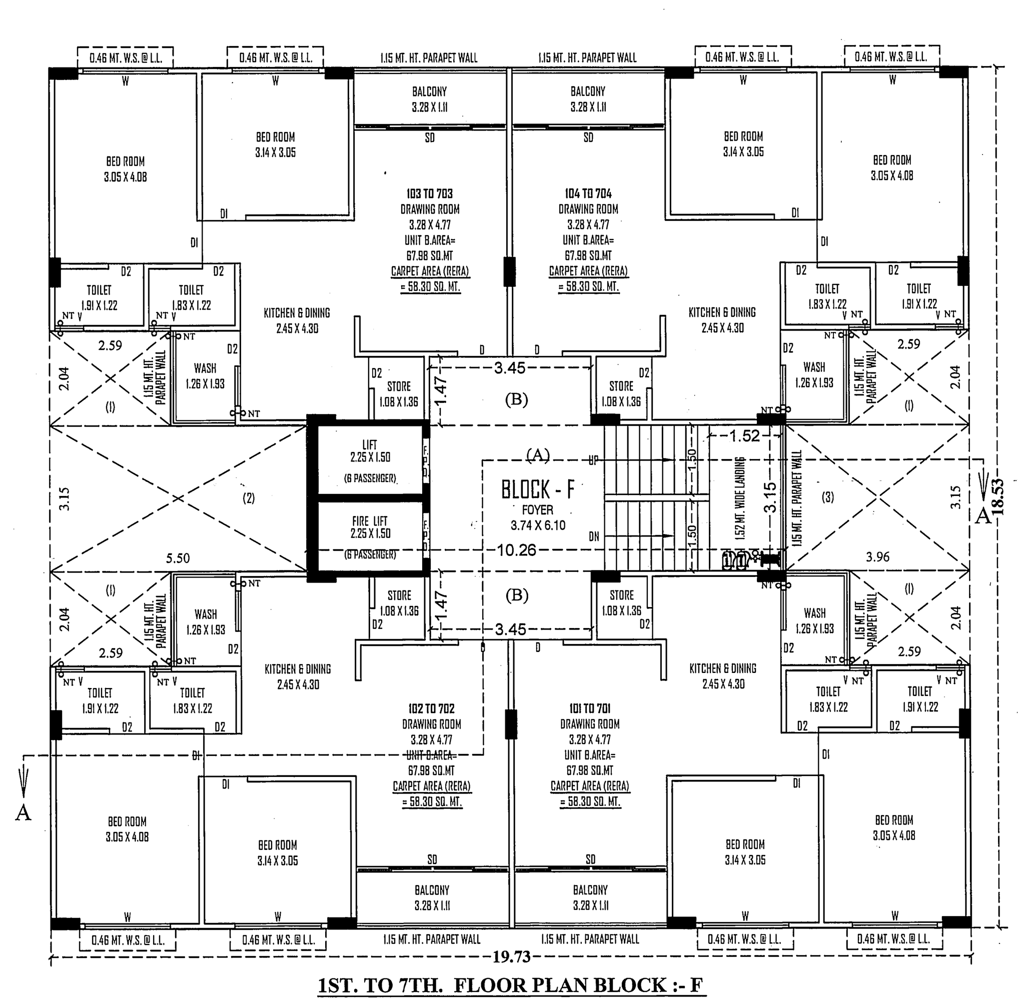
FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:

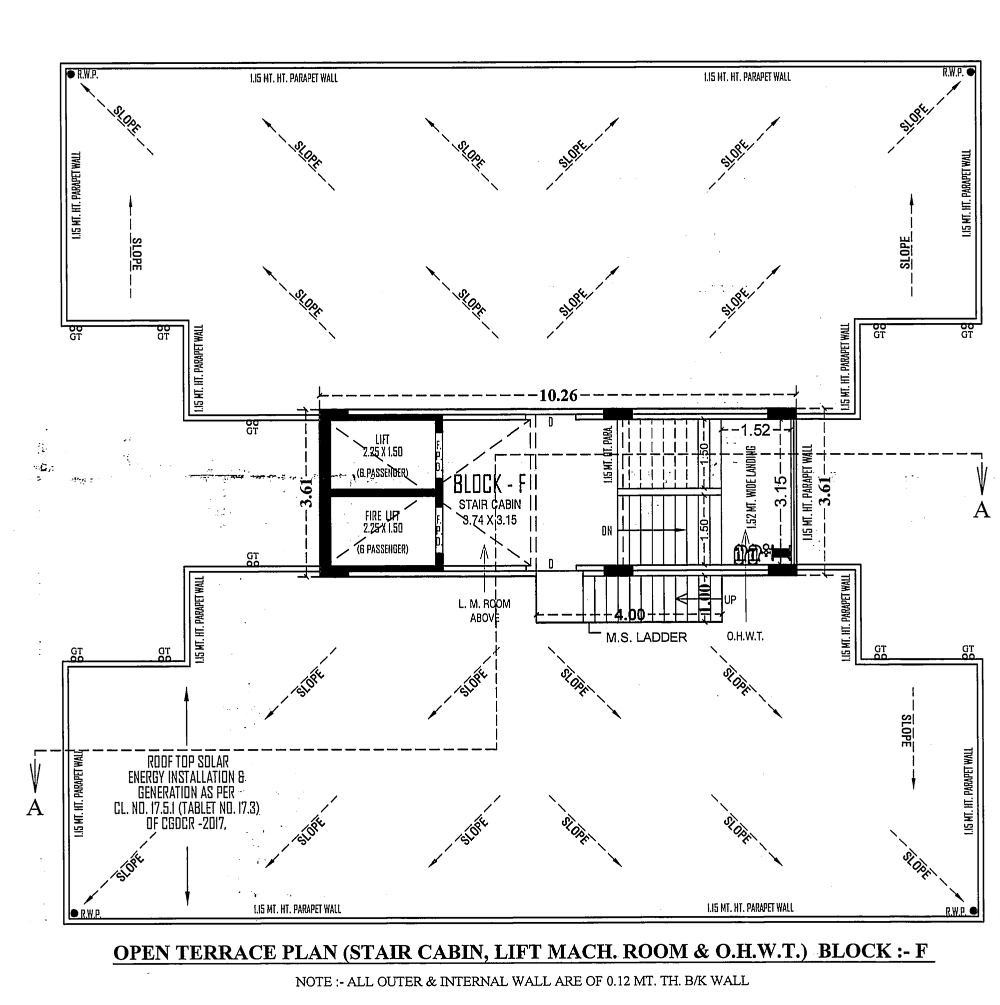
After inspection of a low-rise building by the fire service authority,if the fire officer concemed feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection system / Active system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



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- F
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



1ST. TO 7TH. FLOOR PLAN BLOCK :- F
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- F
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Development Charge Paid

Note Approved By C.E.A. GUDA

APPROVED
(As amended by.................... Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/RANDESAN/86/09/20
Dated 13/1/2021 541/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN
OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 10/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT. | BLOCK:- G
ZONE :- RESIDENTIAL -1 (R4) | USE :- RESIDENCE

B.AREA TABLE (SQ. MTS.)

PROP.. B.AREA ON GROUND FL.(HOLLOW PLINTH) = 314.67 SQ. MTS.
PROP.. B.AREA ON 1 ST FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 2ND FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 3 RD FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 4 TH FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 5 TH FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 6 TH FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON 7 TH FLOOR = 314.67 SQ. MTS.
PROP.. B.AREA ON STAIR CABIN = 41.04 SQ. MTS.
PROP.. B.AREA ON LIFT RM = 30.72 SQ. MTS.
PROP.. B.AREA TOTAL = 2589.12 SQ. MTS.

F.S.I. AREA TABLE (SQ. MTS.)

F.S.I. ON 1 ST FLOOR = 272.21 SQ. MTS.
F.S.I. ON 2 ND FLOOR = 272.21 SQ. MTS.
F.S.I. ON 3 RD FLOOR = 272.21 SQ. MTS.
F.S.I. ON 4 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 5 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 6 TH FLOOR = 272.21 SQ. MTS.
F.S.I. ON 7 TH FLOOR = 272.21 SQ. MTS.
TOTAL F.S.I. AREA = 1905.47 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

ENGINEER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M Tech (Str)
HNS DESIGN STUDIO
42, Amrapali ..., Ambli,
Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-

RESIDENCE

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK:- G						
1ST FLOOR	101	67.98	272.21	58.32	3.64	2.43
	102	67.98		58.32	3.64	2.43
	103	67.98		58.32	3.64	2.43
	104	67.98		58.32	3.64	2.43
2ND FLOOR	201	67.98	272.21	58.32	3.64	2.43
	202	67.98		58.32	3.64	2.43
	203	67.98		58.32	3.64	2.43
	204	67.98		58.32	3.64	2.43
3RD FLOOR	301	67.98	272.21	58.32	3.64	2.43
	302	67.98		58.32	3.64	2.43
	303	67.98		58.32	3.64	2.43
	304	67.98		58.32	3.64	2.43
4TH FLOOR	401	67.98	272.21	58.32	3.64	2.43
	402	67.98		58.32	3.64	2.43
	403	67.98		58.32	3.64	2.43
	404	67.98		58.32	3.64	2.43
5TH FLOOR	501	67.98	272.21	58.32	3.64	2.43
	502	67.98		58.32	3.64	2.43
	503	67.98		58.32	3.64	2.43
	504	67.98		58.32	3.64	2.43
6TH FLOOR	601	67.98	272.21	58.32	3.64	2.43
	602	67.98		58.32	3.64	2.43
	603	67.98		58.32	3.64	2.43
	604	67.98		58.32	3.64	2.43
7TH FLOOR	701	67.98	272.21	58.32	3.64	2.43
	702	67.98		58.32	3.64	2.43
	703	67.98		58.32	3.64	2.43
	704	67.98		58.32	3.64	2.43
TOTAL			1905.47	1632.96	101.92	68.04

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		G
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

PROP. B. AREA CALC. GROUND FLOOR :-
(GROUND FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA GROUND FLOOR :-
= 314.67 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(1st. TO 7th. FLOOR)
(1) 19.73 X 18.53 X 1 = 365.60 SQ. MT.
LESS:-
(1) 2.59 X 2.04 X 4 = 21.13 SQ. MT.
(2) 5.50 X 3.15 X 1 = 17.33 SQ. MT.
(3) 3.96 X 3.15 X 1 = 12.47 SQ. MT.
TOTAL = 50.93 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-
= 314.67 SQ. MT.

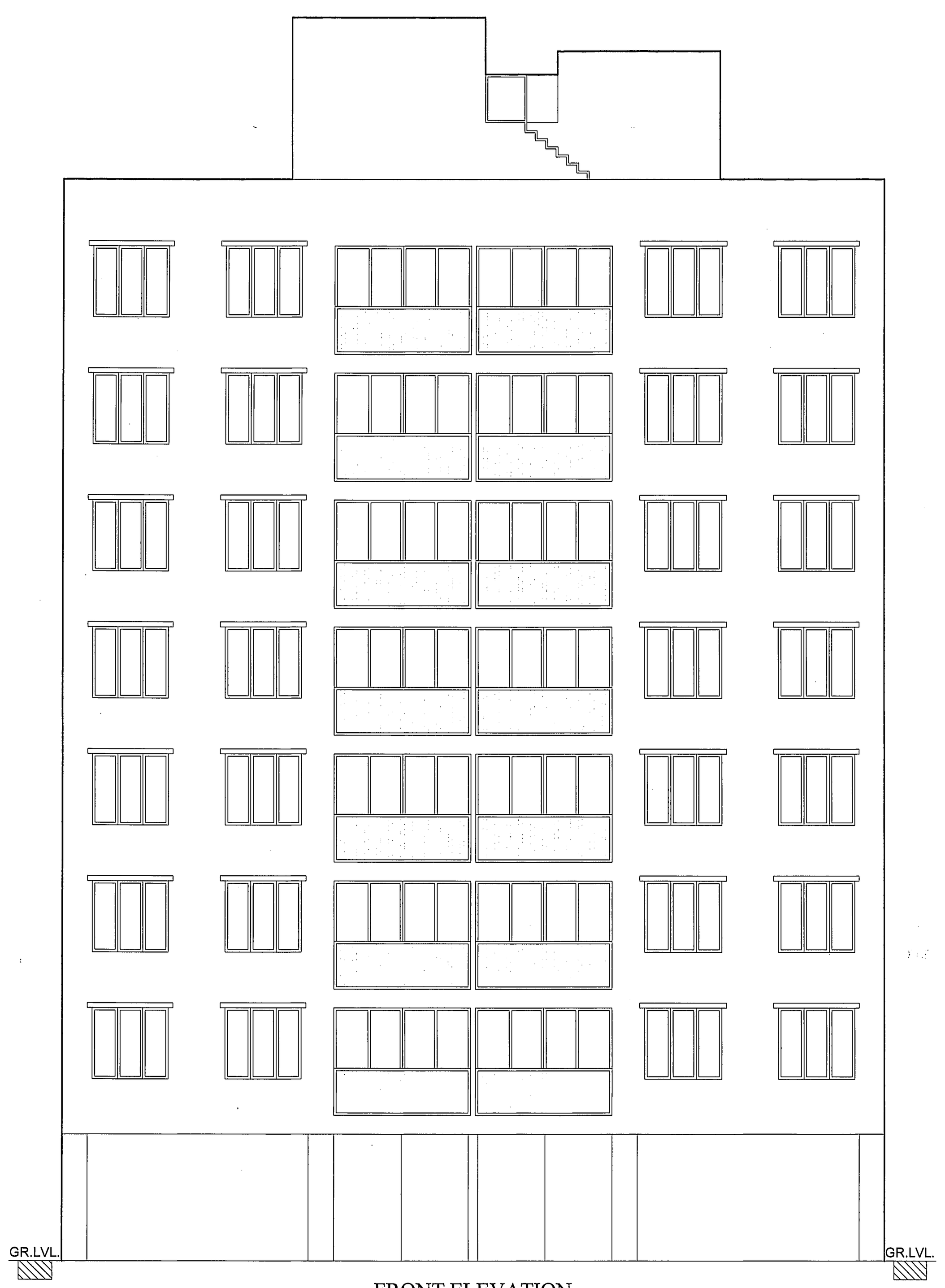
PROP. B. AREA CAL. ON STAIR CABIN :-
(1) 10.26 X 3.61 X 1 = 37.04 SQ. MT.
(2) 04.00 X 1.00 X 1 = 04.00 SQ. MT.
TOTAL = 41.04 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-
= 41.04 SQ. MT.

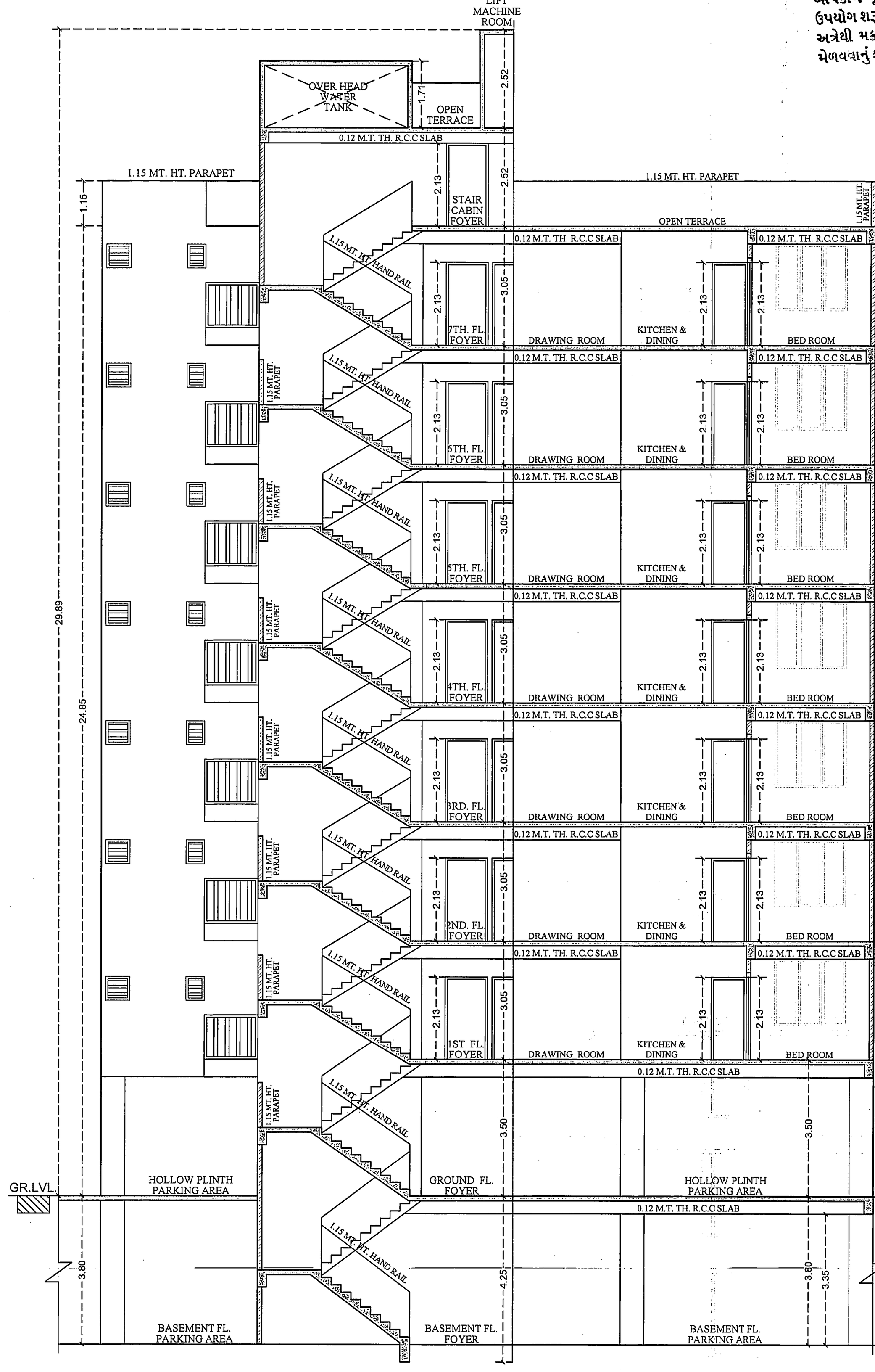
PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-
(1) 3.88 X 3.61 X 1 = 14.01 SQ. MT.
(2) 4.63 X 3.61 X 1 = 16.71 SQ. MT.
TOTAL = 30.72 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-
= 30.72 SQ. MT.

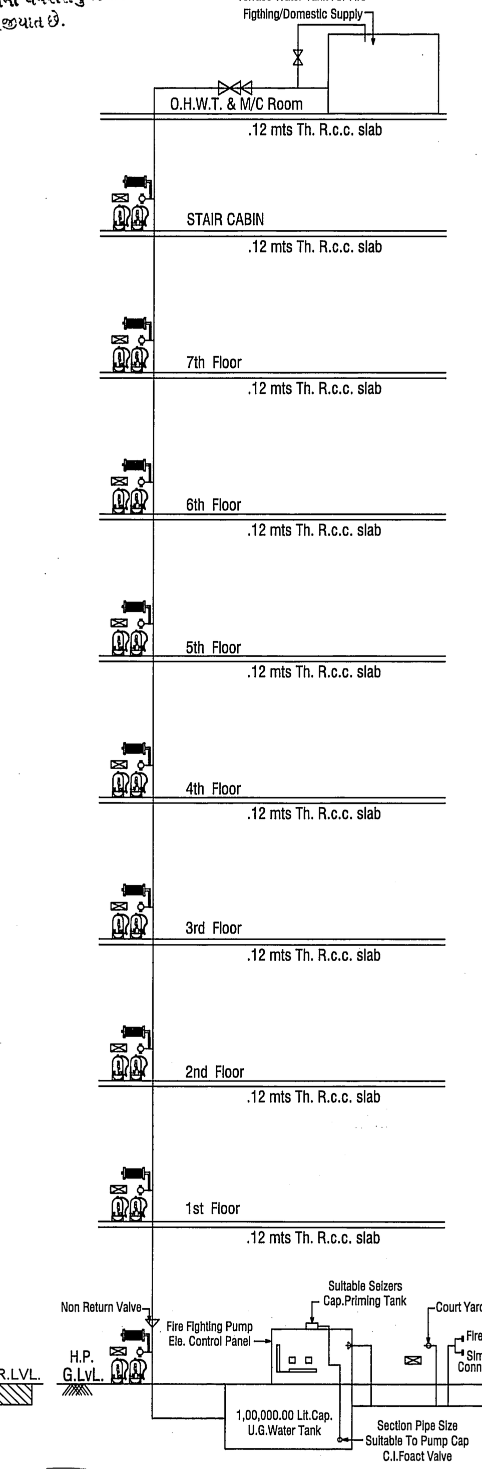
PROP. F.S.I. AREA CALC. TY. FLOOR :-
(1st. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 314.67 SQ. MT.
LESS:-
(A) 10.26 X 3.15 X 1 = 33.32 SQ. MT.
(B) 3.45 X 1.47 X 2 = 10.14 SQ. MT.
TOTAL = 43.46 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(1st. TO 7th. FLOOR) = 272.21 SQ. MT.

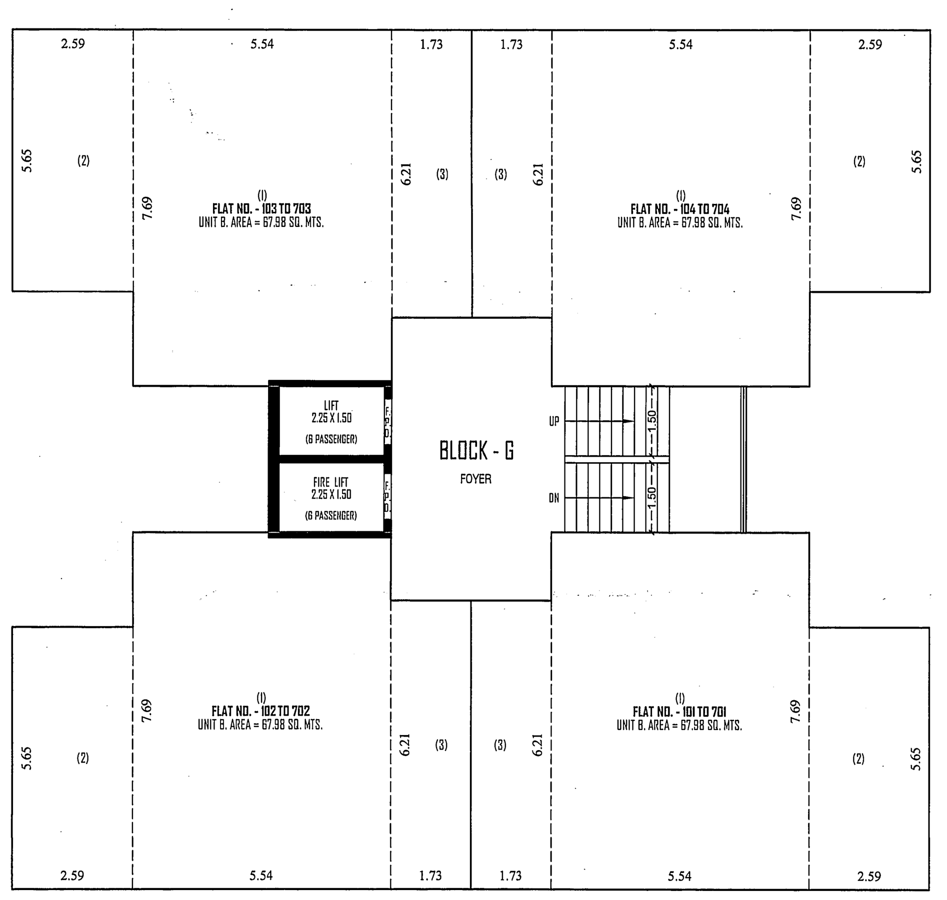
BLOCK :- G
UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 5.54 X 7.69 = 42.60
(2) 2.59 X 5.65 = 14.63
(3) 1.73 X 6.21 = 10.74
NET BUILT - UP AREA = 67.97

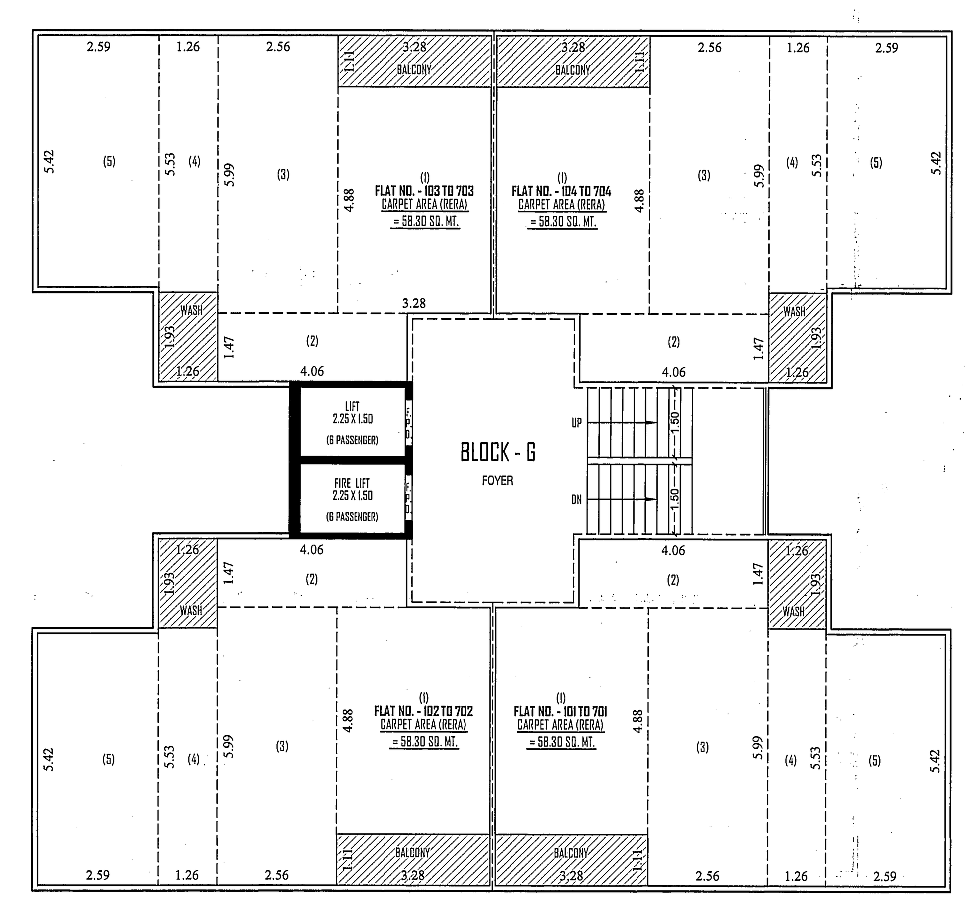
BLOCK :- G
RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 3.28 X 4.88 = 16.00
(2) 4.06 X 1.47 = 5.97
(3) 2.56 X 5.99 = 15.33
(4) 1.26 X 5.53 = 6.96
(5) 2.59 X 5.42 = 14.04
NET CARPET AREA = 58.30
BALCONY 3.28 X 1.11 = 3.64
WASH 1.26 X 1.93 = 2.43
TOTAL WASH & BALC. = 6.07


FRONT ELEVATION

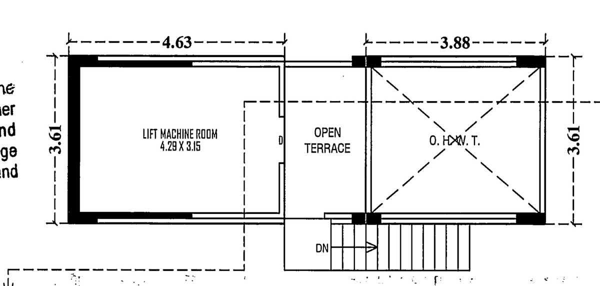

SECTION 'A-A'

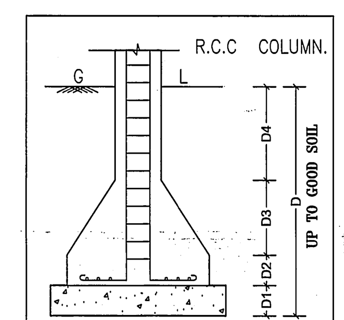



UNIT BUILT-UP AREA CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- G)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL


CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- G)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

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


LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE


R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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 :-
* 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
* Pedesttrians 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 chepter no. 13.11 of CGDCR 2017.
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* 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.
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* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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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 servise vehicle can approach easily.
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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.

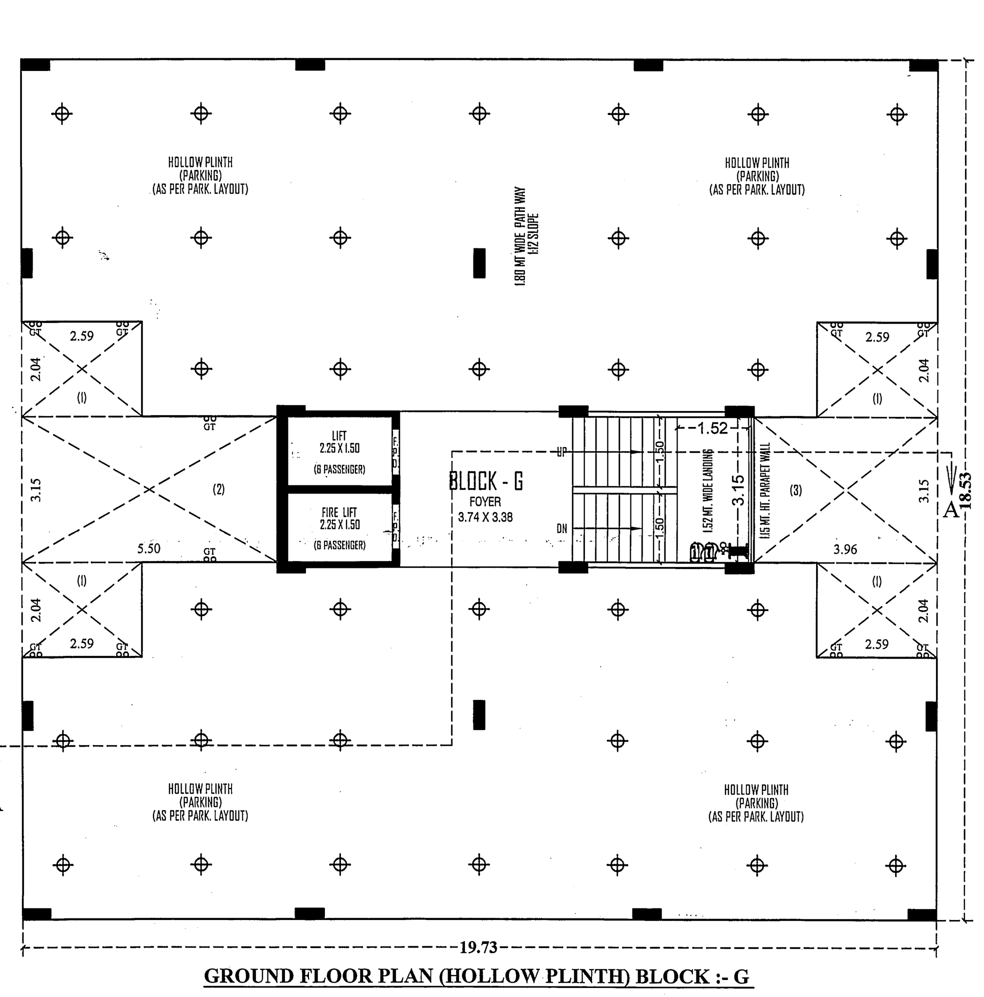
7. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

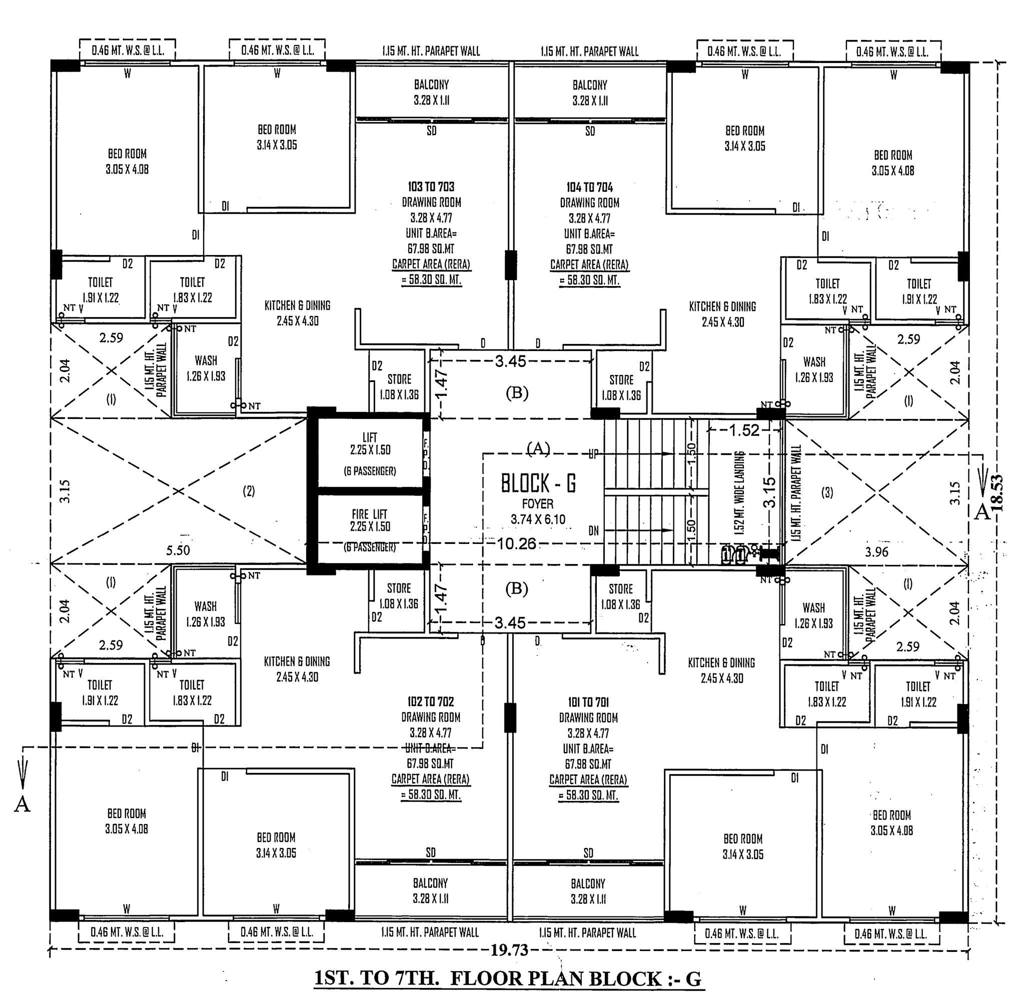
8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :
If the building falls in a confined area or if it has an enclosed staircase or is not well lit-up on the inside, then adequate photo luminescent (auto glow) signage's should be displayed at each floor / landing / pathway / dead-end along all exit routes leading 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.

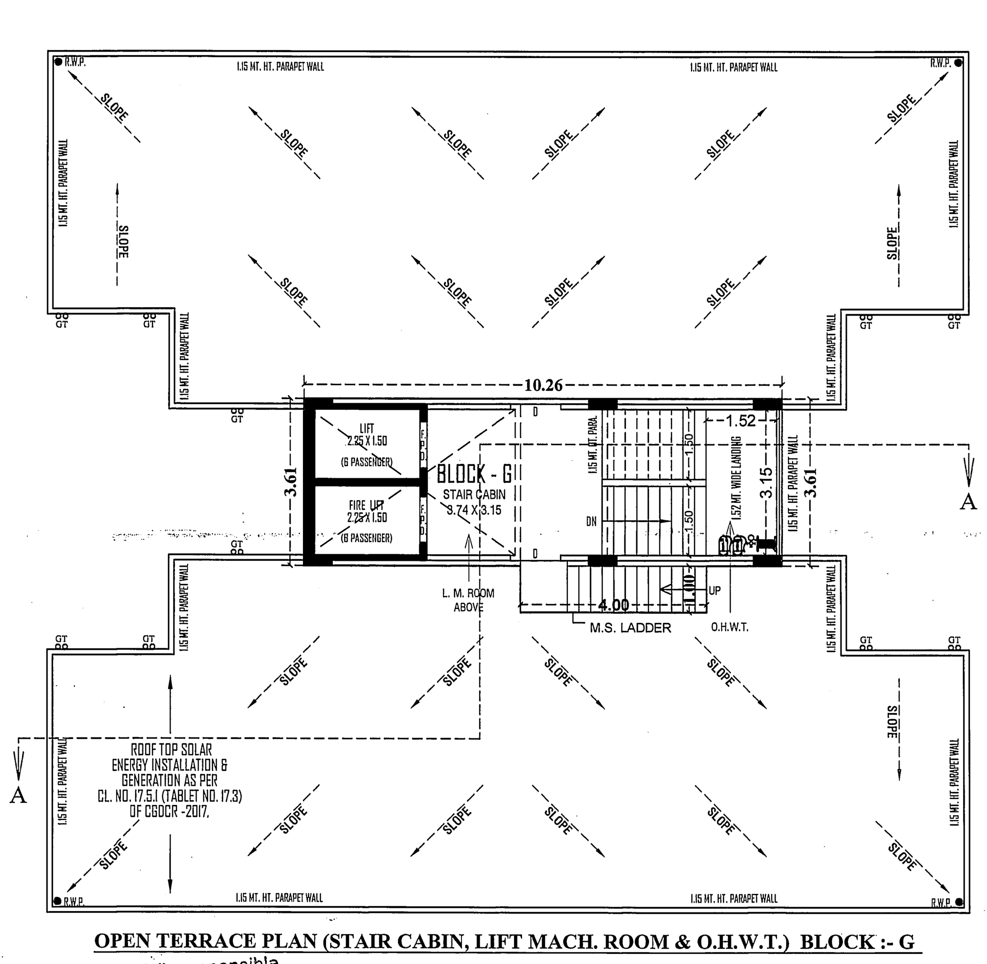
9. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of 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.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.


GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- G
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL


1ST. TO 7TH. FLOOR PLAN BLOCK :- G
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL


OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- G
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Owner is fully responsible For open marginal Space and road the Protion.

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.

Development Charge Paid

Note Approved By C.E.A. GUDA

APPROVED
(As amended by.................... Colour)
Subject to the conditions as mentioned
in the Office Letter No. PRM/RANDESAN/86/09/20
Dated................. 13/1/2021 5/1/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN
OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 11/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT. | BLOCK:- H
ZONE :- RESIDENTIAL -1 (R4) | USE :- RESIDENCE

B.AREA TABLE — SQ. MTS.

PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	= 326.87 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	= 42.23 SQ. MTS.
PROP. B.AREA ON LIFT RM.	= 30.72 SQ. MTS.
PROP. B.AREA TOTAL	= 2687.91 SQ. MTS.

F.S.I. AREA TABLE — SQ. MTS.

F.S.I. ON 1 ST FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 2 ND FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 3 RD FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 4 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 5 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 6 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 7 TH FLOOR	= 283.81 SQ. MTS.
TOTAL F.S.I. AREA	= 1986.67 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH	1.50 MT.	1.50 MT.
TREAD	0.25 MT.	0.30 MT.
RISER	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-
KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW05201004422R1
411-Platinum Plaza, Opp. Rajhans
Cinemas, Nikol, Ahmedabad.

ENGINEER :-
KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW05201004422R1
411-Platinum Plaza, Opp. Rajhans
Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrapali Axiom, Ambli,
Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

STR. ENGINEER :-

FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA (RESIDENCE, BLOCK:-H)	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
1ST FLOOR	101	70.93	283.81	60.78	3.72	2.70
	102	70.93		60.78	3.72	2.70
	103	70.93		60.78	3.72	2.70
	104	70.93		60.78	3.72	2.70
2ND FLOOR	201	70.93	283.81	60.78	3.72	2.70
	202	70.93		60.78	3.72	2.70
	203	70.93		60.78	3.72	2.70
	204	70.93		60.78	3.72	2.70
3RD FLOOR	301	70.93	283.81	60.78	3.72	2.70
	302	70.93		60.78	3.72	2.70
	303	70.93		60.78	3.72	2.70
	304	70.93		60.78	3.72	2.70
4TH FLOOR	401	70.93	283.81	60.78	3.72	2.70
	402	70.93		60.78	3.72	2.70
	403	70.93		60.78	3.72	2.70
	404	70.93		60.78	3.72	2.70
5TH FLOOR	501	70.93	283.81	60.78	3.72	2.70
	502	70.93		60.78	3.72	2.70
	503	70.93		60.78	3.72	2.70
	504	70.93		60.78	3.72	2.70
6TH FLOOR	601	70.93	283.81	60.78	3.72	2.70
	602	70.93		60.78	3.72	2.70
	603	70.93		60.78	3.72	2.70
	604	70.93		60.78	3.72	2.70
7TH FLOOR	701	70.93	283.81	60.78	3.72	2.70
	702	70.93		60.78	3.72	2.70
	703	70.93		60.78	3.72	2.70
	704	70.93		60.78	3.72	2.70
TOTAL			1986.67	1701.84	104.16	75.60

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		H
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

PROP. B. AREA CALC. GROUND FLOOR :-
(GROUND FLOOR)
(1) 20.32 X 18.53 X 1 = 376.53 SQ. MT.
LESS:-
(1) 2.33 X 2.04 X 4 = 19.01 SQ. MT.
(2) 5.88 X 3.15 X 1 = 18.52 SQ. MT.
(3) 3.85 X 3.15 X 1 = 12.13 SQ. MT.
TOTAL = 49.66 SQ. MT.
NET B-UP AREA GROUND FLOOR :-
= 326.87 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-
(1st. TO 7th. FLOOR)
(1) 20.32 X 18.53 X 1 = 376.53 SQ. MT.
LESS:-
(1) 2.33 X 2.04 X 4 = 19.01 SQ. MT.
(2) 5.88 X 3.15 X 1 = 18.52 SQ. MT.
(3) 3.85 X 3.15 X 1 = 12.13 SQ. MT.
TOTAL = 49.66 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-
= 326.87 SQ. MT.

PROP. B. AREA CAL. ON STAIR CABIN :-
(1) 10.59 X 3.61 X 1 = 38.23 SQ. MT.
(2) 04.00 X 1.00 X 1 = 04.00 SQ. MT.
TOTAL = 42.23 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-
= 42.23 SQ. MT.

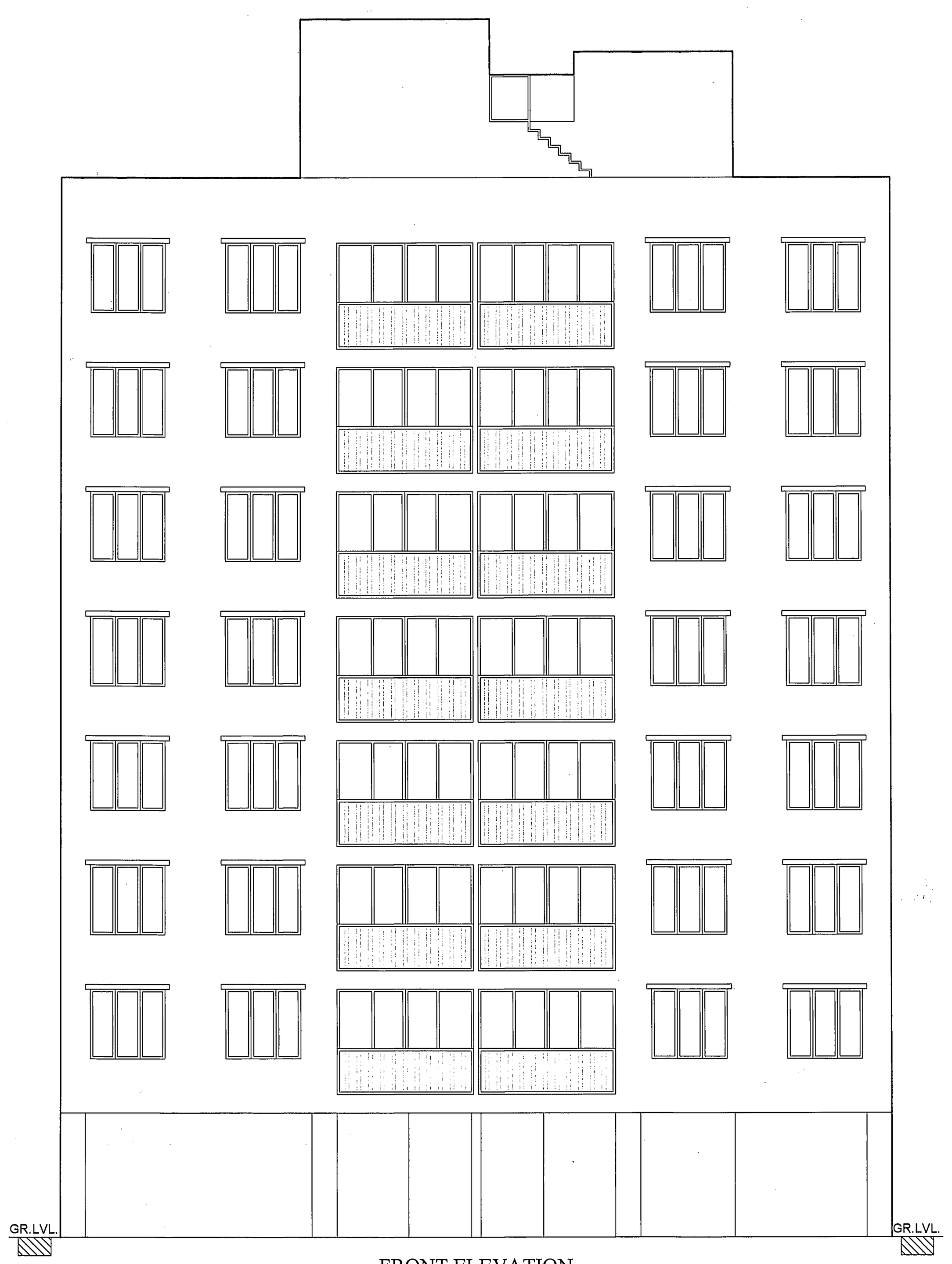
PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-
(1) 3.88 X 3.61 X 1 = 14.01 SQ. MT.
(2) 4.63 X 3.61 X 1 = 16.71 SQ. MT.
TOTAL = 30.72 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-
= 30.72 SQ. MT.

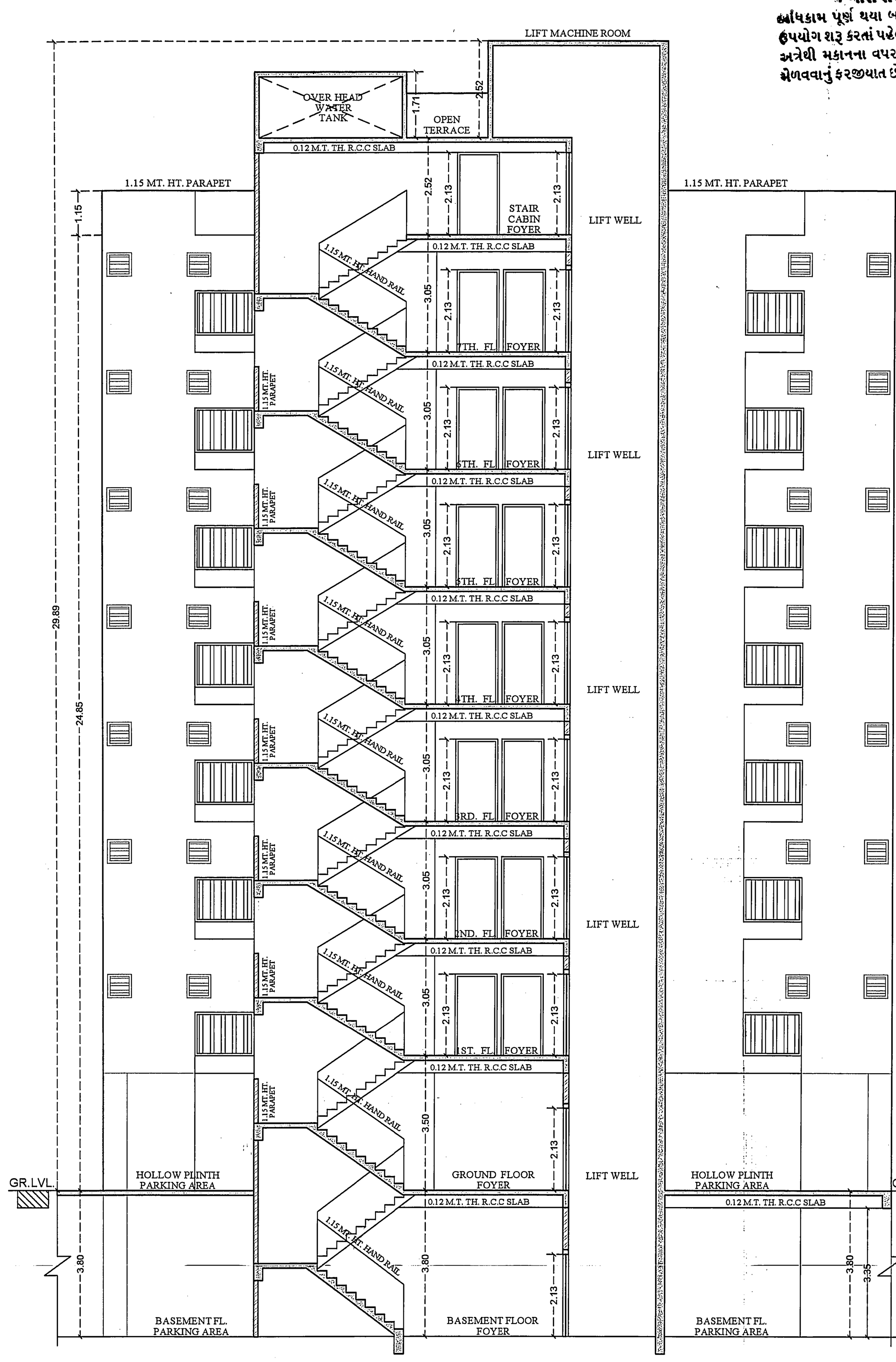
PROP. F.S.I. AREA CALC. TY. FLOOR :-
(1st. TO 7th. FLOOR)
B. AREA ON TY. FLOOR = 326.87 SQ. MT.
LESS:-
(A) 10.59 X 3.15 X 1 = 33.36 SQ. MT.
(B) 3.30 X 1.47 X 2 = 9.70 SQ. MT.
TOTAL = 43.06 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :-
(1st. TO 7th. FLOOR) = 283.81 SQ. MT.

BLOCK :- H
UNIT BUILT-UP AREA CALCULATION
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 6.18 X 7.69 = 47.52
(2) 1.65 X 6.21 = 10.25
(3) 2.33 X 5.65 = 13.16
NET BUILT - UP AREA = 70.93

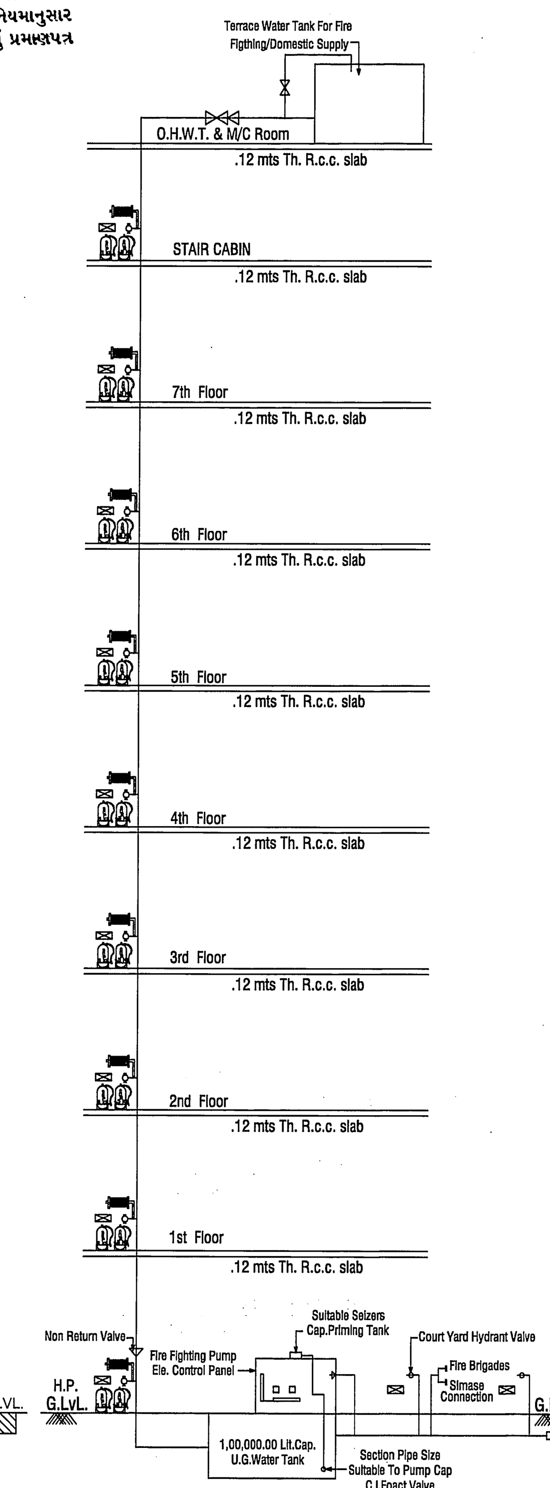
BLOCK :- H
RESI. CARPET AREA (RERA) CALC. :-
FLAT NO. - 101 TO 701
FLAT NO. - 102 TO 702
FLAT NO. - 103 TO 703
FLAT NO. - 104 TO 704
(1) 3.35 X 4.88 = 16.35
(2) 4.55 X 1.47 = 6.69
(3) 2.90 X 5.99 = 17.37
(4) 1.40 X 5.53 = 7.74
(5) 2.33 X 5.42 = 12.63
NET CARPET AREA = 60.78
BALCONY 3.35 X 1.11 = 3.72
WASH 1.40 X 1.93 = 2.70
TOTAL WASH & BALC. = 6.42

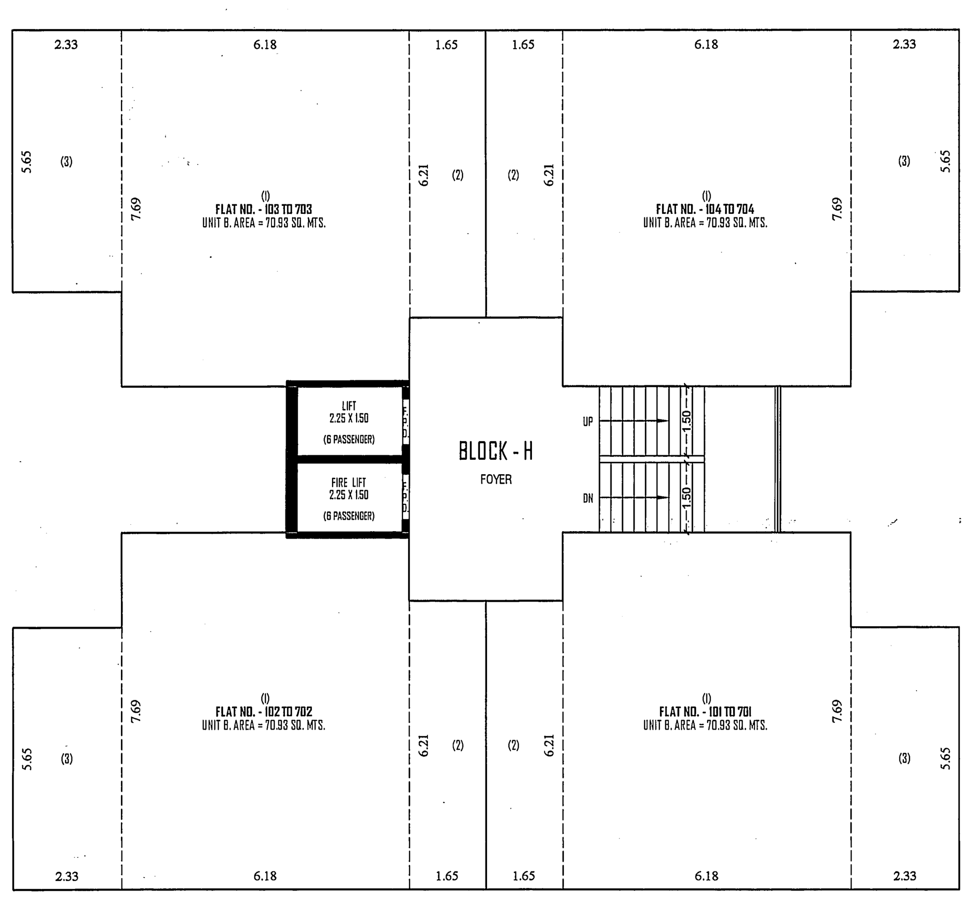
ખાસ શરત :-
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો
ઉપયોગ શરૂ કરતાં પહેલાં નિયમાનુસાર
અરજી કરી મકાનના વપરાશનું પ્રમાણપત્ર
મેળવવાનું રહેશે.


FRONT ELEVATION

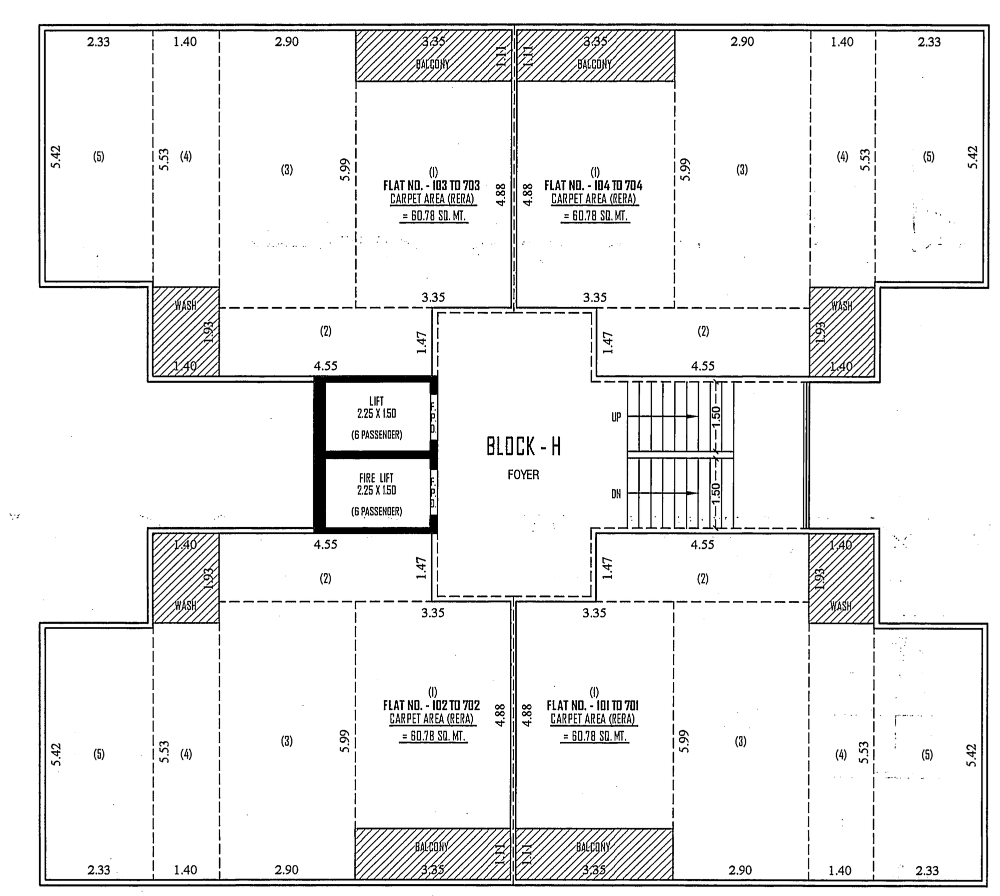


SECTION 'A-A'



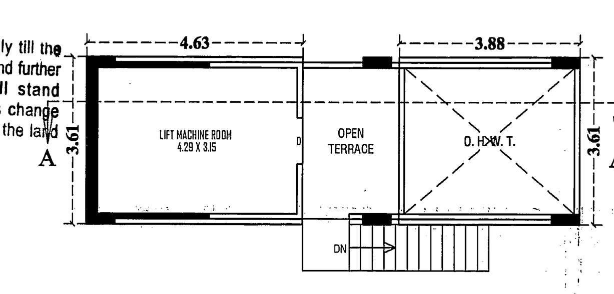


UNIT BUILT-UP AREA CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- H)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- H)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

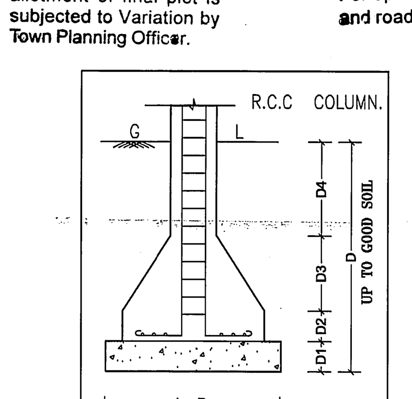
The permission is valied only till the DP/TPS remains Doaltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with reference to the land under reference.



LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.

Owner is fully responsible For open marginal Space and road the Protion.



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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 :-
* 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
* Pedesttrians 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 chepter 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 nacessary 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 servise 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.

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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.

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Additionally be protected by a Hydrant outlet and two 25 mm. bore Hose-reel hoses with 8 mm. bore nozzles at each basement level.

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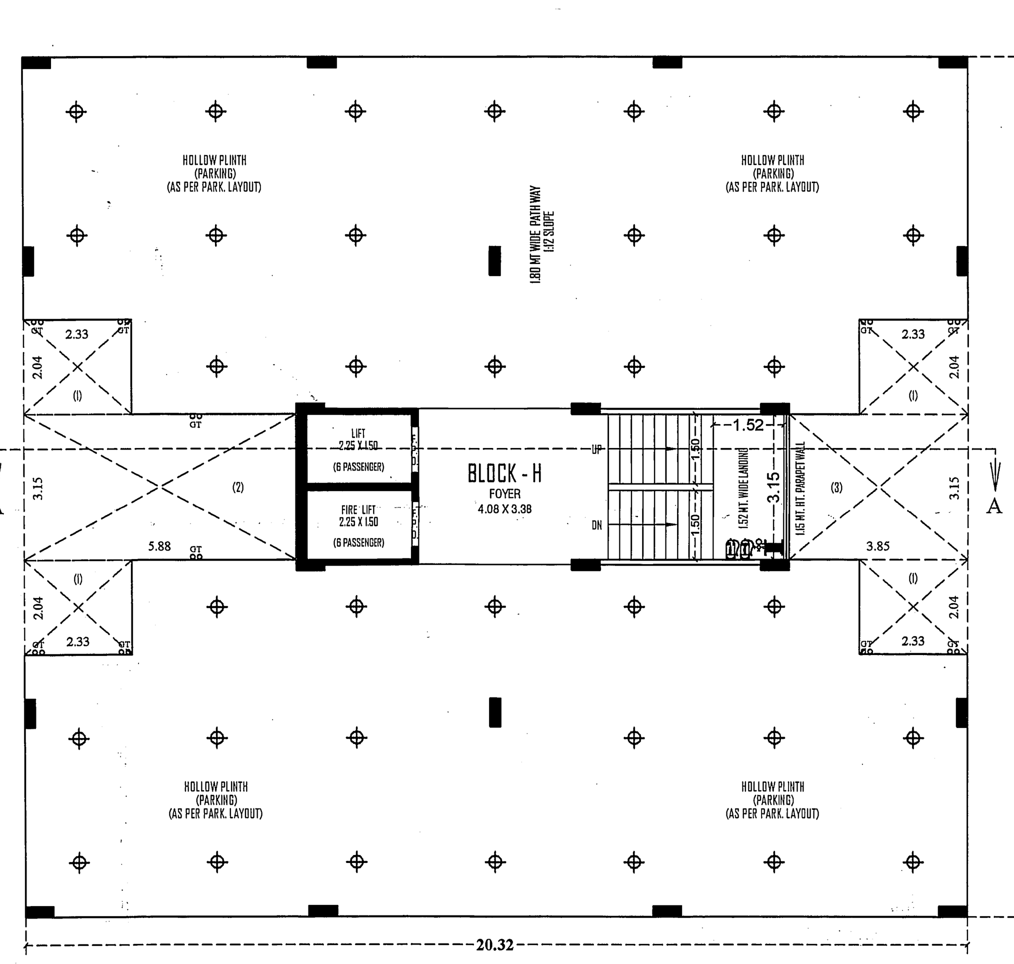
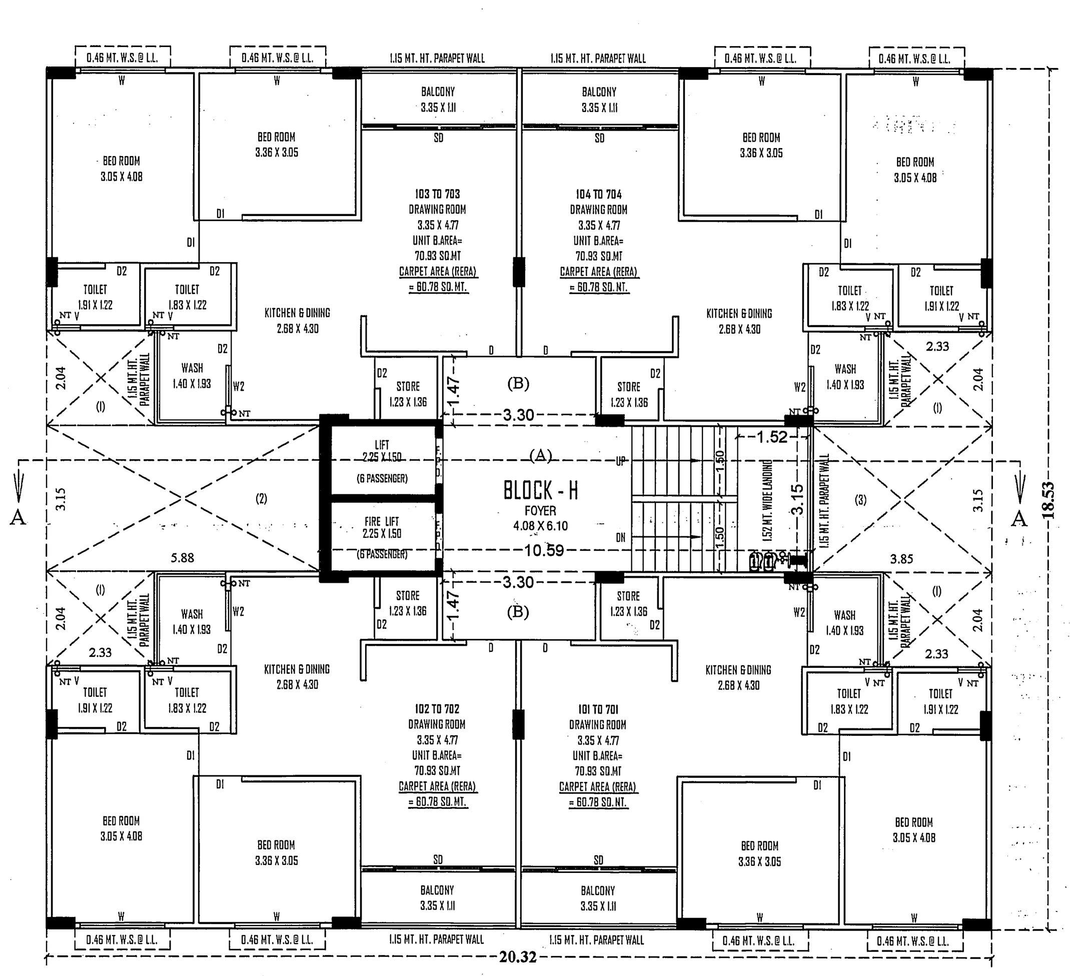
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & Safety system even after the main electrical supply to the building is switched off at the time of fire.

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

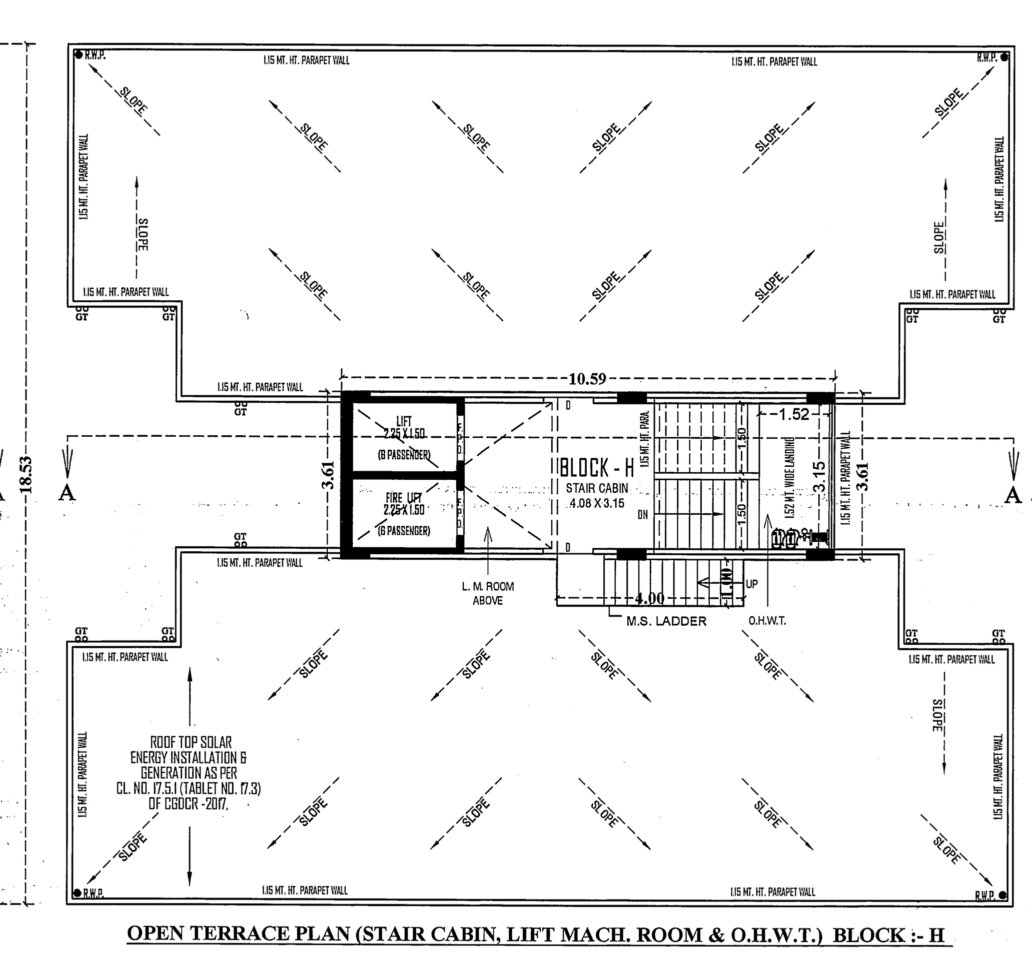
IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection 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.



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- H
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



1ST. TO 7TH. FLOOR PLAN BLOCK :- H
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- H
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

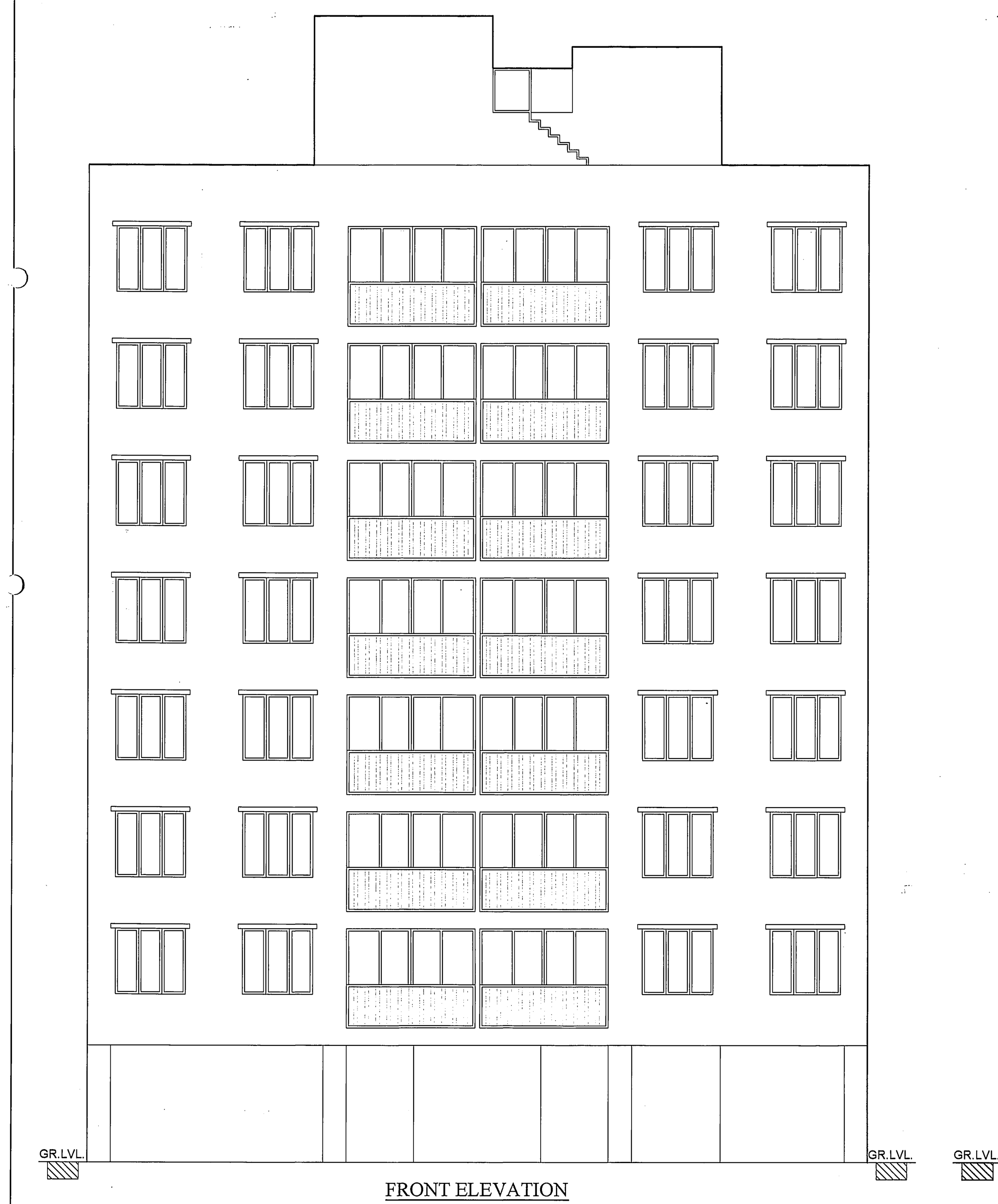
Development Charge Paid

Note Approved By C.E.A. GUDA

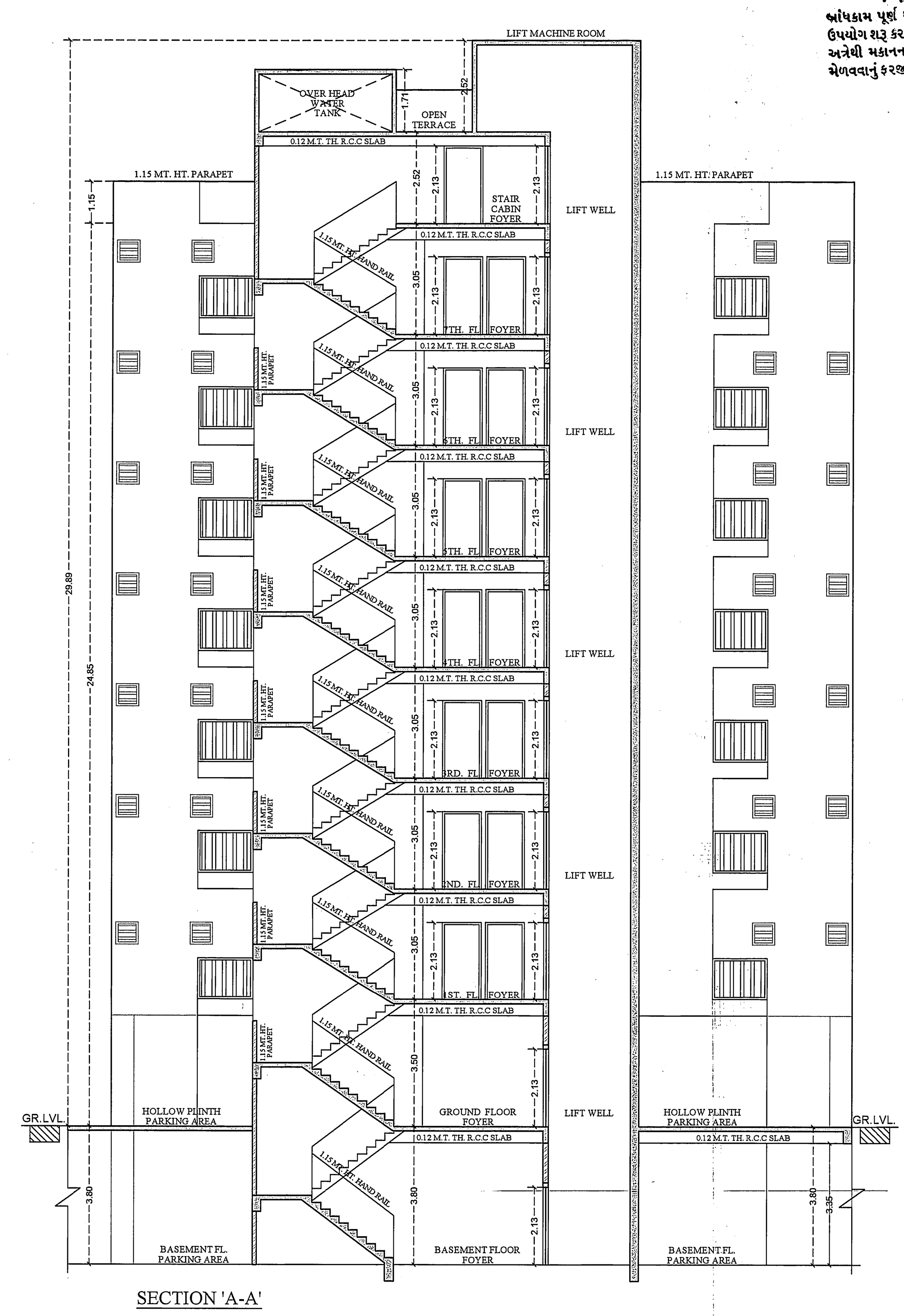
APPROVED
(As amended by.................. Colour)
Subject to the conditions as mentioned
in the Office Letter No. PRM/RANDESAN/86/09/20
Dated.......... 13/1/2021 5/1/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-

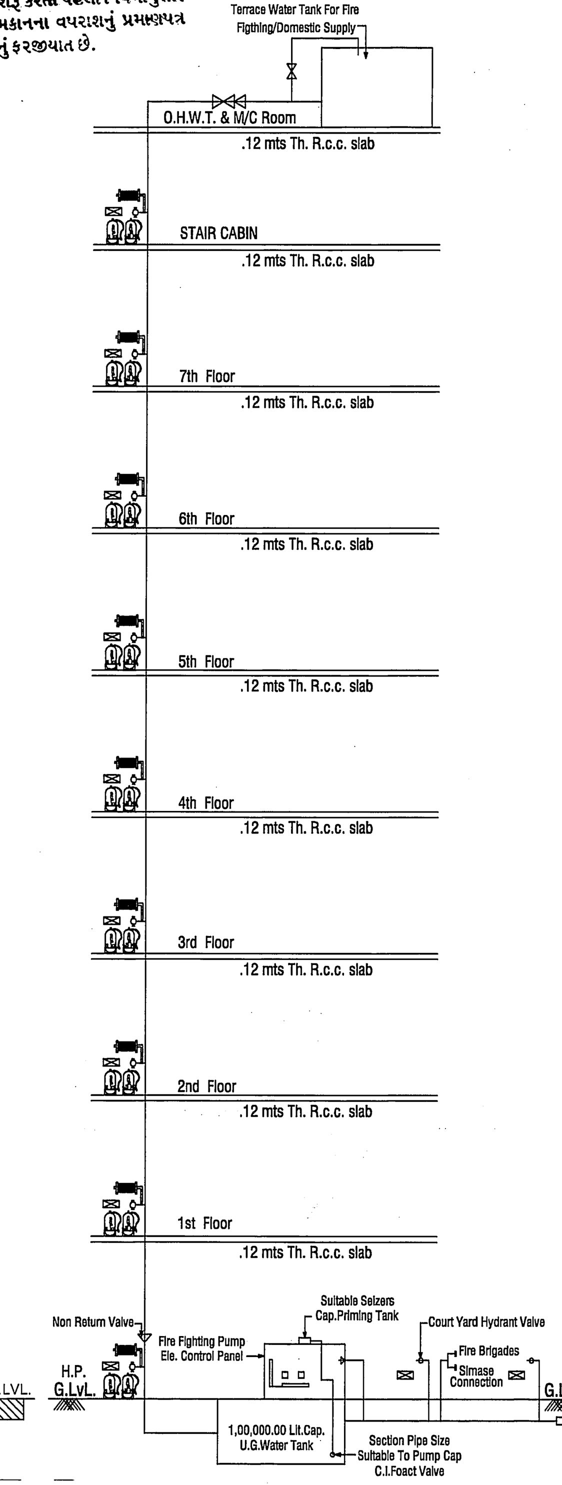


FRONT ELEVATION



SECTION 'A-A'

-: ખાસ શરત :-
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો ઉપયોગ શરૂ કરતાં પહેલાં નિયમાનુસાર એનેથી મકાનના વપરાશનું પ્રમાણપત્ર મેળવવાનું રહેશે.



PROP. B. AREA CALC. GROUND FLOOR :-		
(GROUND FLOOR)		
(1) 20.32 X 18.53 X 1	=	376.53 SQ. MT.
LESS:-		
(1) 2.33 X 2.04 X 4	=	19.01 SQ. MT.
(2) 5.88 X 3.15 X 1	=	18.52 SQ. MT.
(3) 3.85 X 3.15 X 1	=	12.13 SQ. MT.
TOTAL	=	49.66 SQ. MT.
NET B-UP AREA GROUND FLOOR :-	=	326.87 SQ. MT.

PROP. B. AREA CALC. TYPICAL FLOOR :-		
(1st. TO 7th. FLOOR)		
(1) 20.32 X 18.53 X 1	=	376.53 SQ. MT.
LESS:-		
(1) 2.33 X 2.04 X 4	=	19.01 SQ. MT.
(2) 5.88 X 3.15 X 1	=	18.52 SQ. MT.
(3) 3.85 X 3.15 X 1	=	12.13 SQ. MT.
TOTAL	=	49.66 SQ. MT.
NET B-UP AREA 1st. TO 7th. FLOOR :-	=	326.87 SQ. MT.

PROP. B. AREA CAL. ON STAIR CABIN :-		
(1) 10.59 X 3.61 X 1	=	38.23 SQ. MT.
(2) 04.00 X 1.00 X 1	=	04.00 SQ. MT.
TOTAL	=	42.23 SQ. MT.
NET B-UP AREA ON STAIR CABIN :-	=	42.23 SQ. MT.

PROP. B-UP AREA CALCULATION ON LIFT MACHINE ROOM & O.H.W.T. :-		
(1) 3.88 X 3.61 X 1	=	14.01 SQ. MT.
(2) 4.63 X 3.61 X 1	=	16.71 SQ. MT.
TOTAL	=	30.72 SQ. MT.
NET B-UP AREA ON LIFT MACHINE ROOM & O.H.W.T. :-	=	30.72 SQ. MT.

PROP. F.S.I. AREA CALC. TY. FLOOR :-		
(1st. TO 7th. FLOOR)		
B. AREA ON TY. FLOOR	=	326.87 SQ. MT.
LESS:-		
(A) 10.59 X 3.15 X 1	=	33.36 SQ. MT.
(B) 3.30 X 1.47 X 2	=	9.70 SQ. MT.
TOTAL	=	43.06 SQ. MT.
NET F.S.I. AREA ON TY. FLOOR :- (1st. TO 7th. FLOOR)	=	283.81 SQ. MT.

BLOCK :- I UNIT BUILT-UP AREA CALCULATION		
FLAT NO. - 101 TO 701		
FLAT NO. - 102 TO 702		
FLAT NO. - 103 TO 703		
FLAT NO. - 104 TO 704		
(1) 6.18 X 7.69	=	47.52
(2) 1.65 X 6.21	=	10.25
(3) 2.33 X 5.65	=	13.16
NET BUILT - UP AREA	=	70.93

BLOCK :- I RESI. CARPET AREA (RERA) CALC. :-		
FLAT NO. - 101 TO 701		
FLAT NO. - 102 TO 702		
FLAT NO. - 103 TO 703		
FLAT NO. - 104 TO 704		
(1) 3.35 X 4.88	=	16.35
(2) 4.55 X 1.47	=	6.69
(3) 2.90 X 5.99	=	17.37
(4) 1.40 X 5.53	=	7.74
(5) 2.33 X 5.42	=	12.63
NET CARPET AREA	=	60.78
BALCONY 3.35 X 1.11	=	3.72
WASH 1.40 X 1.93	=	2.70
TOTAL WASH & BALC.	=	6.42

RESIDENCE						
FLOOR	UNIT NO.	UNIT BUILT-UP AREA	F.S.I. AREA	CARPET AREA (RERA)	BALCONY AREA (RERA)	WASH AREA (RERA)
BLOCK:- I						
1ST FLOOR	101	70.93	283.81	60.78	3.72	2.70
	102	70.93		60.78	3.72	2.70
	103	70.93		60.78	3.72	2.70
	104	70.93		60.78	3.72	2.70
2ND FLOOR	201	70.93	283.81	60.78	3.72	2.70
	202	70.93		60.78	3.72	2.70
	203	70.93		60.78	3.72	2.70
	204	70.93		60.78	3.72	2.70
3RD FLOOR	301	70.93	283.81	60.78	3.72	2.70
	302	70.93		60.78	3.72	2.70
	303	70.93		60.78	3.72	2.70
	304	70.93		60.78	3.72	2.70
4TH FLOOR	401	70.93	283.81	60.78	3.72	2.70
	402	70.93		60.78	3.72	2.70
	403	70.93		60.78	3.72	2.70
	404	70.93		60.78	3.72	2.70
5TH FLOOR	501	70.93	283.81	60.78	3.72	2.70
	502	70.93		60.78	3.72	2.70
	503	70.93		60.78	3.72	2.70
	504	70.93		60.78	3.72	2.70
6TH FLOOR	601	70.93	283.81	60.78	3.72	2.70
	602	70.93		60.78	3.72	2.70
	603	70.93		60.78	3.72	2.70
	604	70.93		60.78	3.72	2.70
7TH FLOOR	701	70.93	283.81	60.78	3.72	2.70
	702	70.93		60.78	3.72	2.70
	703	70.93		60.78	3.72	2.70
	704	70.93		60.78	3.72	2.70
TOTAL			1986.67	1701.84	104.16	75.60

UNITS CALCULATION

FLOOR	USE	EQUITY TEN.
BLOCK		I
		RESI.
GROUND (S. P.)	SHOP	--
1ST FLOOR	RESI	04
2ND FLOOR	RESI	04
3RD FLOOR	RESI	04
4TH FLOOR	RESI	04
5TH FLOOR	RESI	04
6TH FLOOR	RESI	04
7TH FLOOR	RESI	04
TOTAL	RESI	28

GROUND FLOOR PLAN, TYPICAL FLOOR PLAN
OPEN TERRACE, SECTION & ELEVATION

SHEET NO.:- 12/13

PLAN SHOWING PROPOSED (RESIDENCE + COMMERCIAL)
BUILDING ON F.P. NO. - 82/3 + 82/4 OF T.P.S. NO. - 5
(KUDASAN - RANDESAN - DHOLAKUVA - INDRODA),
[SUR. NO. 209/3, 209/4, O.P. NO. 82/3 + 82/4]
AT. :- RANDESAN, TA. :- GANDHINAGAR, DIST. :- GANDHINAGAR.

SCALE:- 1.00 CM = 1.00 MT.	BLOCK:- I
ZONE :- RESIDENTIAL -1 (R4)	USE :- RESIDENCE

B.AREA TABLE

	SQ. MTS.
PROP. B.AREA ON GROUND FL.(HOLLOW PLINTH)	= 326.87 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 2ND FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 6 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON 7 TH FLOOR	= 326.87 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	= 42.23 SQ. MTS.
PROP. B.AREA ON LIFT RM.	= 30.72 SQ. MTS.
PROP. B.AREA TOTAL	= 2687.91 SQ. MTS.

F.S.I. AREA TABLE

	SQ. MTS.
F.S.I. ON 1 ST FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 2 ND FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 3 RD FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 4 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 5 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 6 TH FLOOR	= 283.81 SQ. MTS.
F.S.I. ON 7 TH FLOOR	= 283.81 SQ. MTS.
TOTAL F.S.I. AREA	= 1986.67 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT
D = 1.00 X 2.13	W = 1.83 X 1.71
D1 = 0.92 X 2.13	W2 = 1.22 X 1.56
D2 = 0.76 X 2.13	V = 0.61 X 0.61
SD = 3.66 X 2.63	G = OPEN GAP

R.C.C. STAIR DETAILS

	RESIDENCE	COMMERCIAL
WIDTH :-	1.50 MT.	1.50 MT.
TREAD :-	0.25 MT.	0.30 MT.
RISER :-	0.16 MT.	0.16 MT.
GAP BETWEEN BALUSTER :-	0.15 MT.	0.15 MT.

COLOUR NOTE :
PROP. WORK
PROP. DRAINAGE

RERA CALCULATION COLOUR NOTE:-
WASH & BALCONY
NET CARPET AREA LINE (RERA)
EXTERNAL BOUNDARY LINE

LIFT DETAIL
MINIMUM CAPACITY 6 PERSONS.
DOOR MINIMUM WIDTH 0.90 MTS.
1.00 MTS. HEIGHT OF HANDRAIL IN LIFT CAR.

FOR, RAGHUVEER BUILDCON
PARTNER

OWNER :-

KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

ENGINEER :-

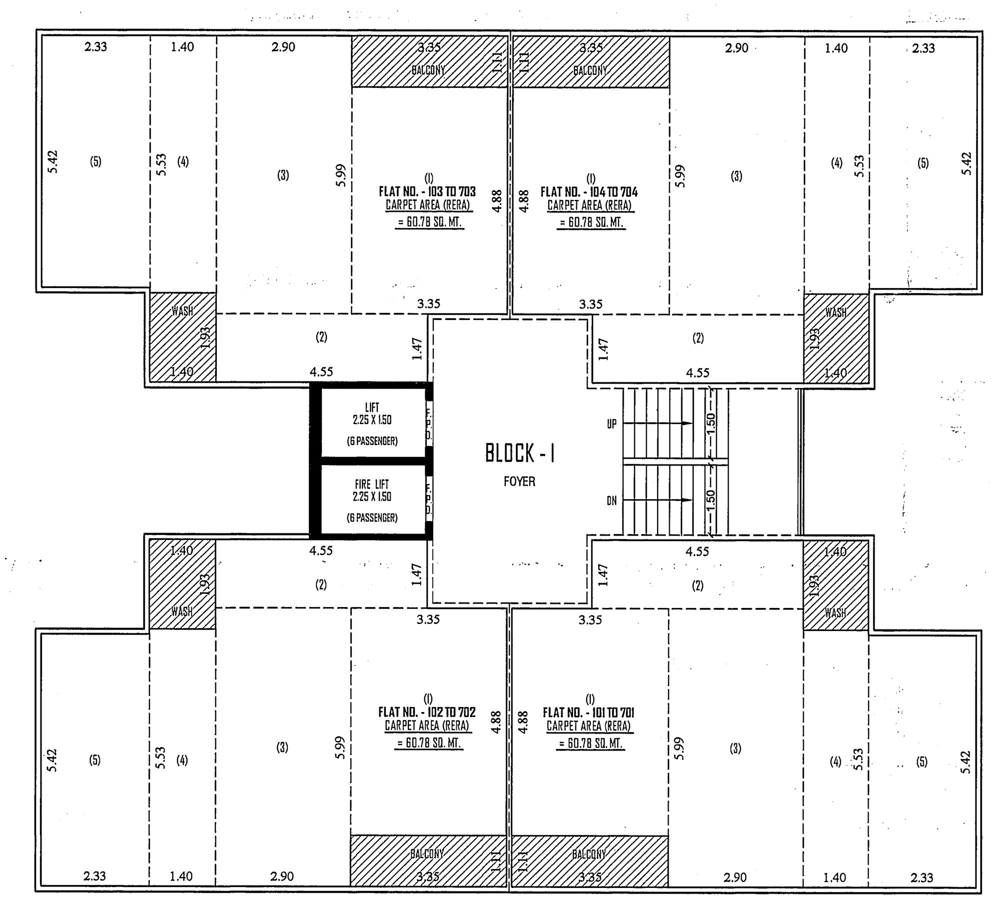
KIRAN N. PATEL
AMC LIC NO. 001ER27052500748
AMC LIC NO. 001SE28072510026
AMC LIC NO. CW0520100422R1
411-Platinum Plaza, Opp. Rajhans Cinemas, Nikol, Ahmedabad.

C.O.W. :-

NARENDRA K. PATEL
M. Tech (Str)
HNS DESIGN STUDIO
42, Amrap... Ambli,
Ahmedabad, Gujarat-380 054
GUDA Regn. No. SDI/118/06/2017

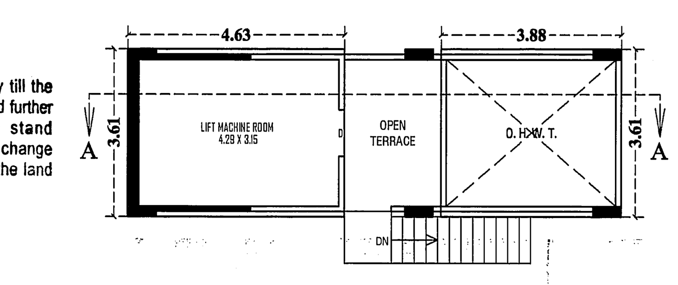
STR. ENGINEER :-

UNIT BUILT-UP AREA CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- I)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

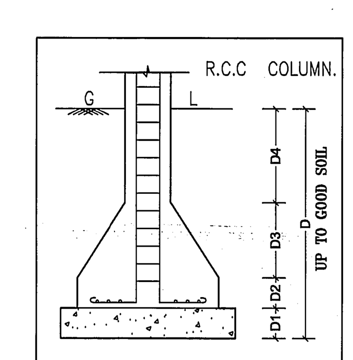


CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST. TO 7TH. FLOOR PLAN (BLOCK :- I)
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

The permission is valied only till the DP/TPS remains Doaltered and further that the permission shall stand revoled as soon as there is change in DP/TPS with referance to the land under reference.



LIFT MACHINE ROOM & O.H.W.T PLAN
OPEN TERRACE



R.C.C COLUMN SECTION
AS PER DETAIL GIVEN BY STR. ENGINEER

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 :-
* 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
* Pedesttrians 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 chepter 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 chapeter 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.
* Maintanance and upgradation of building is as per chapter no. 19 of CGDCR 2017.
* Marginal space & cellar slab shall have load bearing capacity of 40/60 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 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.r.-2017
* Compound Wall Shall Not Be Constructed On Road Side Boundary As Per Notification No. GH/V/95 Of 2018//PRC-102018-5068-L , Dt:- 21/07/2018 Regarding Fire Regulation-2016

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 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 servise 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.

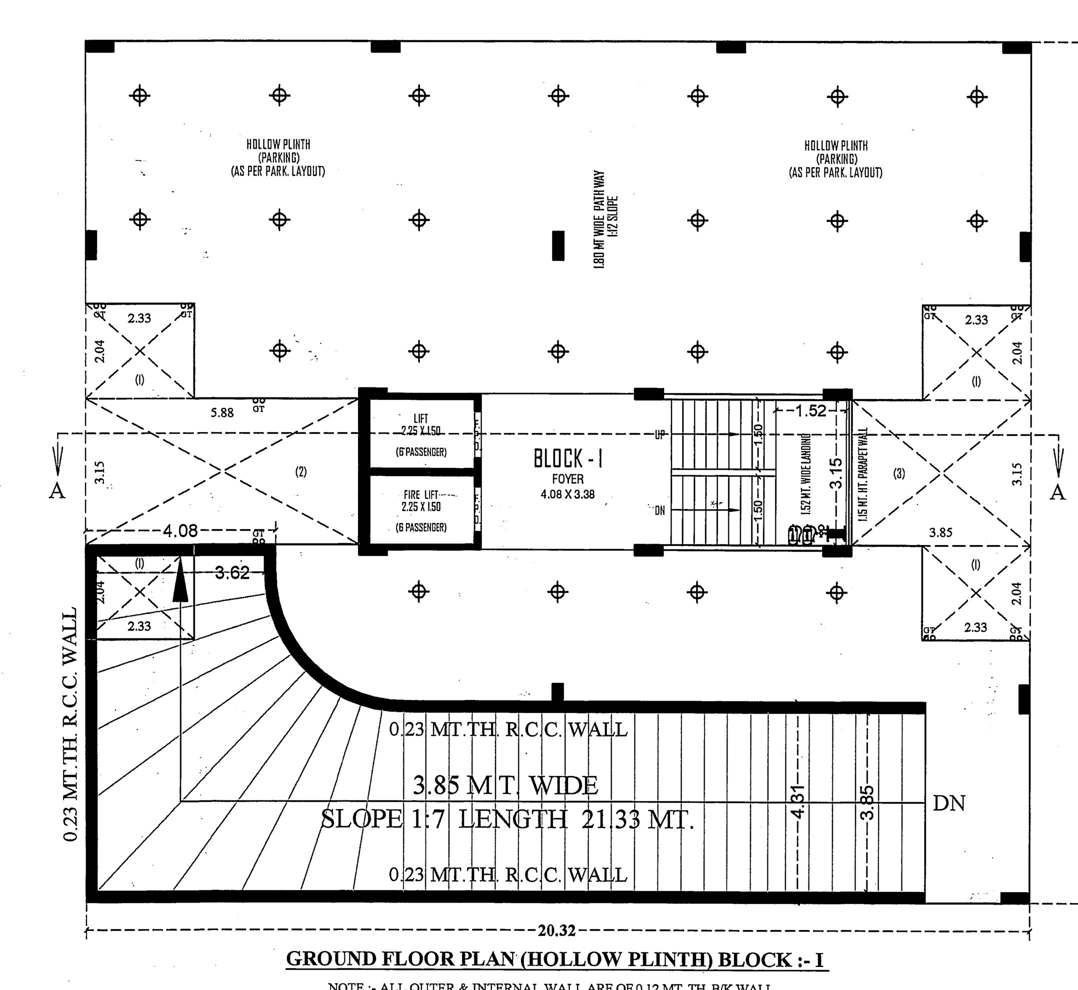
7. LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

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.

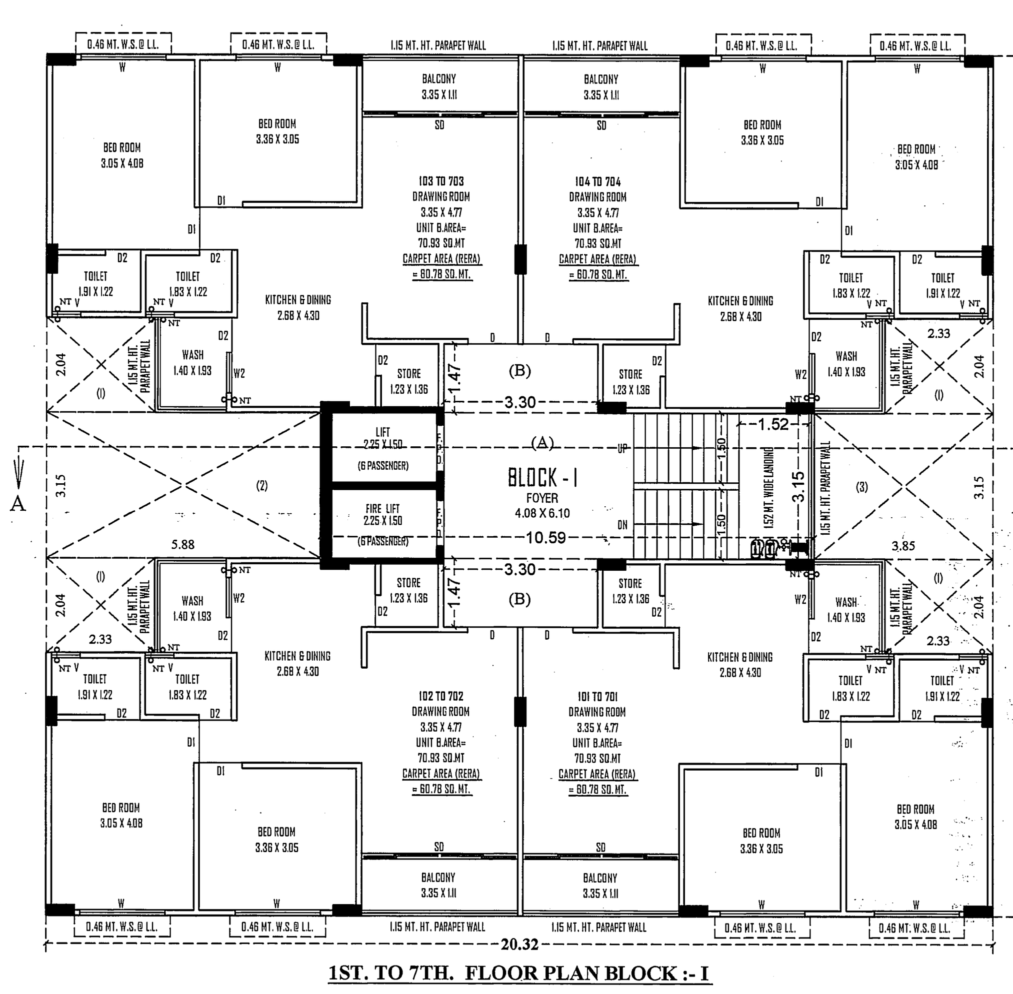
9. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of 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.INDIVDUAL FIRE SEFTY SYSTEM
FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER

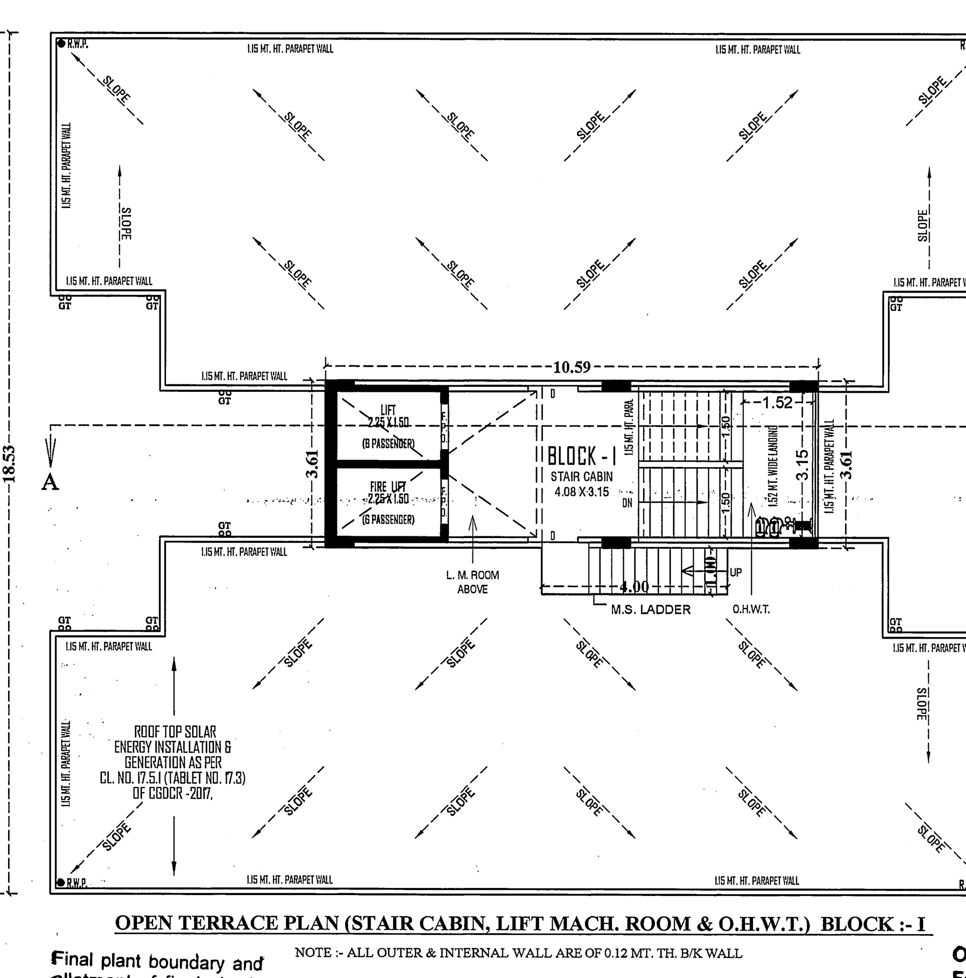
IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the fire service authority,if the fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door - Window / Detection 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.



GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK :- I
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



1ST. TO 7TH. FLOOR PLAN BLOCK :- I
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL



OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH. ROOM & O.H.W.T.) BLOCK :- I
NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.12 MT. TH. B/K WALL

Final plant boundary and allotment of final plot is subjected to Variation by Town Planning Officer.

Owner is fully responsible For open marginal Space and road the Protion.

Development Charge Paid

Note Approved By C.E.A. GUDA

APPROVED
(As amended by.................. Colour)
Subject to the conditions as mentioned in the Office Letter No. PRM/RANDESAN/86/09/20
Dated 13/1/2021 541/2021

Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY :-