SHEET NO :- 2/3

PLAN SHOWING PROPOSED RESIDENCE BUILDING ON S.P. NO. 85/2, F.P. NO. 85, (O.P. NO. 85, SUR. NO. 42/1,) T.P.S.NO.:-111, (NIKOL - KATHWADA) (PRELIMINARY) AT.: NIKOL, TA.: ASARWA, DIST.: AHMEDABAD

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

ZONE : RESIDENTIAL - 1 (R1) | USE : RESIDENCE (DWELLING-3)

GENERAL NOTES :-

- It is clarified that slot cotter reference is avoided in use and the dimensions of all sizes of slot and cotter, as shown in plan are measured by drafter on record and is accordingly not binding in previous record.
- Engineer is fully responsible for lapping open spans and details.
- The depth and position of existing manhole/ chamber, is verified by on site and pertinent can get drainage connection.
- It is hereby mat according to GDCR 2017 all requirements of the building are checked and necessary sections are taken.
- It is certify that access requirements (clause no. 12.1, 12.2, 12.3 and 12.4 of GDCR 2017) of the building's design as per the norms of the above standards.
- Details of staircase and railing is provided as per the provision of the clause no. 21.1.12 and 21.1.13 and 21.4 of GDCR 2017.
- Provision for ramp is provided as per the provision of the clause no. 21.1.15 of GDCR 2017.
- Lift is provided as per the provision of the clause no. 21.1.9 and 22.4 of GDCR 2017.
- Water tank is provided as per the provision of the clause no. 21.6 of GDCR 2017.
- Separate water pipe is provided at ground level for each unit.
- Water tank for fire safety requirement provided as per chapter no. 22.21 of GDCR 2017.
- Electrical infrastructure shall be provided as per clause no. 23.1.1 of GDCR 2017.
- Drinking water facility for disable persons is provide as per the clause no. 23.2.2 of GDCR 2017.
- Drainage facility is provided as per the clause no. 23.10 of GDCR 2017.
- Signages of the parking block is to be provided as per the clause no. 23.7 of the GDCR 2017.
- Entrance of the building is provided as per the clause no. 21.1.7 of GDCR 2017.
- The piping of building uptilted shall as per the provision of the clause no. 23.1.4 of GDCR 2017.
- The structure of the building is as per the norms of the specified in the rolled electrical and mechanical action for the structural safety during the construction.
- Rain water storage tank and rain water harvesting system is provided as per the clause no. 23.2 of GDCR 2017.
- Community Bin provided as per the provision of the clause no. 23.4 of GDCR 2017.
- Tree plantation is provided as per the clause no. 23.5 of GDCR 2017.
- solar water heating system is provided as per clause no. 23.6 of GDCR 2017.
- solid waste collection system is provided as per chapter no. 25 of GDCR 2017.
- Fire lift provision is provided as per chapter no. 26.4 of GDCR 2017.
- All safety provisions shall be made as per the Fire protection and life safety measures regulation 2012 and Fire protection and life safety measures accepts.
- Maintenance and supervision of building is as per chapter no. 27 of GDCR 2017.
- Rain water access & one way road have been made (width of 6000 tonnes per square meter) shall be provided as per chapter no. 23.3 of GDCR 2017.
- Roof top solar energy investment & generation shall be provided as per clause no. 22.6.1 of GDCR 2017.
- The ground surface area of the external facade shall be non-reflective and provided with max of 60% of the total surface area of each facade with the provision of safety netting with, as per as per GDCR Cl. no. 24.3.4.
- Mechanical Vent is Provided.

1. HYDRANT SYSTEM :-

ON/OFF switches located near the hose reel hose in hydrant outlet, at each floor (for Main Fire Pump) at the underground water tank with a capacity to discharge 900 litres per minute at 3 bar pressure as per the requirement of the Fire Officer.

The Riser for the building is of existing 17 Nos. and above 15 metres height should not be of more 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 Drain - cocks.

The riser is required to carry 1500kg. metres flux area and the building is divided into, two or more parts then each part should have a separate riser. Each riser shall be fitted with 63 mm. dia. Instantaneous valve surface outlet with a coupling for attaching a 63 mm dia hose & 25 mm bore Hose reel hose with 5 mm. 63. Shall mould is 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 metres long 63mm. dia. hose and 12.5 mm. bore nozzle at alternate floors. The hose reel hose should be coupled to the riser.

Hose reel hose shall not be installed at a point how the entry to the premises where a fire service vehicle can approach easily.

A permanent hydrant point comprising of 63 mm dia wire 3mm of hydrant valves should be installed at the terrace level.

Overhead tank Rotating Automation should be done at the terrace level.

The hydrant system shall be of a capacity of not less than 50,000 litres. The hydrant level shall be of total less than 1,00,000 litres.

2. FIRE ALARMS :-

Fire alarm call point to be installed at each floor with wireless capable of being heard all throughout the building.

3. FIRE EXTINGUISHERS :-

Dry Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with CO-mark, and one extinguisher of 9 kg. Dry Chemical Powder (DCP) type extinguisher with ISI mark to be installed on each floor of the building at suitable location.

One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with ISI mark / Dry Carbon Dioxide (CO2) free extinguisher of 2 kg. with ISI mark capacity on alternate floors in case of electrical liability.

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

4. 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 prevented to prevent it from getting smoke logged. The Riser/Room corner should be located in the staircase or close to it to make it easily approachable in case of fire from its floor/station or above.

5. BASEMENT :-

The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for every 20 sq.meters.

Additionally be protected by a hydrant outlet and two 20 mm. Dia's Hosereel/hose with 6 mm. bore nozzle at each basement level.

6. LIGHTENING ARRESTER :-

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

7. PHOTO LUMINESCENT PATH SIGNS/ EXIT SIGNAGES :-

If the building has to a confined area or if it has an enclosed staircase or is not well lit up on the roads, then adequate photo luminescent / anti glow signages should be displayed at each floor / landing / pathway / lowest level along all exit routes leading to the ground level. The signage should indicate the lighting, fire safety equipment present on the respective floor like lighting/hose reel and sharp at exit routes leading to the ground level.

8. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE SAFETY SYSTEM :-

Electricity supply to the fire pump, fire alarm system, staircase pressurization system and lift lift should be made available from the main Electrical supply i.e. Fire (Electrical power supply of the company) This 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.

9. MANUAL FIRE ISSTY SYSTEM

FIRE SAFTY SYSTEM SHOULD BE PROVIDED IN ENVOLVAL SHOW ROOM BY OWNER.

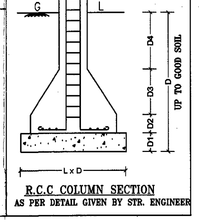
IMPORTANT INSTRUCTIONS:

After inspection of a fire new building by the fire service authority/Fire fire officer concerned feels th need for additional fire prevention/protection measures / ventilation system required or required if ... / Review system / Expression system / Fire door - Window / Detection system / tube system / Sprinkler / Smoke etc.) as per Fire Use Class / Resid / Public gathering, Potential / Occupancy / Certified area.

Base additional measures / equipment has to be implemented /

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		SCAPA 600
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP
11		ENGUGE
12		COURT YARD HYDRANT VALVE
13		SPRINKLERED



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

PROP. B.AREA CALC. TYPICAL FLOOR:-
GR. FL. TO 5TH FLOOR

(1)	16.38 X 30.64	=	501.88 SQ. MT.
(2)	11.75 X 15.87	=	186.47 SQ. MT.
	TOTAL	=	688.35 SQ. MT.
LESS :-			
(1)	2.98 X 3.12 X 2	=	18.60
(2)	3.15 X 1.22	=	03.84
(3)	3.12 X 3.07	=	09.58
(4)	4.44 X 2.17	=	13.97
(5)	P. LINE AREA	=	00.95
	TOTAL	=	46.94 SQ. MT.

NET B.A. TYPICAL FLOOR = 641.41 SQ. MT.

GR. FL. TO 5TH FLOOR = 641.41 SQ. MT.

F.S.I. AREA CALC. TYPICAL FLOOR:-
(1ST TO 5TH FL.)

B.A. ON TYPICAL FLOOR:- 641.41

LESS :-

(A)	3.15 X 11.64 X 1	=	36.67
(B)	1.72 X 02.19 X 1	=	03.77
(C)	1.22 X 01.33 X 1	=	01.87
(D)	1.89 X 02.40 X 1	=	04.54
(E)	2.00 X 03.40 X 1	=	07.20
(F)	2.66 X 02.17 X 1	=	05.77
	TOTAL	=	59.82 SQ. MT.

NET F.S.I. TYPICAL FLOOR

1ST FL. TO 5TH FL. = 581.59 SQ. MT.

PROP. B.AREA CALC. ON STAIR CABIN:-

(1)	3.61 X 10.54 X 1	=	38.05 SQ. MT.
(2)	1.60 X 02.42 X 1	=	03.87 SQ. MT.
(3)	4.00 X 02.63 X 1	=	10.52 SQ. MT.
(4)	4.00 X 01.00 X 2	=	08.00 SQ. MT.
	TOTAL	=	60.44 SQ. MT.

NET B.AREA ON STAIR CABIN,
= 60.44 SQ. MT.

PROP. B.AREA CALC. :-
LIFT M. ROOM & O.H.W.T.

(1)	3.61 X 4.14 X 1	=	14.95 SQ. MT.
(2)	3.94 X 2.42 X 1	=	09.53 SQ. MT.
(3)	4.00 X 2.63 X 1	=	10.52 SQ. MT.
	TOTAL	=	35.00 SQ. MT.

NET B.AREA ON
LIFT M. ROOM & O.H.W.T.
= 35.00 SQ. MT.

UNITS CALCULATION

FLOOR	USE	EQUITY	TENA.	
BLOCK		PARK.	A	TOTAL
GROUND (H. P.)				--
1ST FLOOR	RESI	06	06	
2ND FLOOR	RESI	06	06	
3RD FLOOR	RESI	06	06	
4TH FLOOR	RESI	06	06	
5TH FLOOR	RESI	06	06	
TOTAL	RESI	30	30	

BLOCK-A
RESI. CARPET AREA (RERA) CALC.:-

FLAT NO. 101,201,301,401,501
FLAT NO. 105,205,305,405,505

(1)	9.03 X 1.11	=	10.02
(2)	3.12 X 5.11	=	15.94
(3)	9.14 X 5.22	=	47.71
(4)	6.51 X 1.43	=	09.31
NET CARPET AREA		=	82.98
BALCONY	3.23 X 1.11	=	03.59
WASH	2.64 X 1.43	=	03.78
TOTAL WASH & BALC.		=	07.37

FLAT NO. 102,202,302,402,502,

(1)	7.00 X 1.34	=	09.38
(2)	5.28 X 2.42	=	12.78
(3)	5.67 X 1.64	=	09.30
(4)	7.00 X 1.25	=	08.75
(5)	4.50 X 1.22	=	05.49
(6)	3.51 X 1.22	=	04.28
(7)	2.14 X 5.13	=	10.98
(8)	1.90 X 5.02	=	09.54
(9)	1.22 X 5.22	=	06.37
NET CARPET AREA		=	76.87
BALCONY	1.22 X 1.01	=	01.23
	2.14 X 1.53	=	03.27
WASH	3.03 X 1.22	=	03.70
TOTAL WASH & BALC.		=	08.20

BLOCK-A
RESI. CARPET AREA (RERA) CALC.:-

FLAT NO. 103,203,303,403,503
FLAT NO. 104,204,304,404,504,

(1)	1.11 X 9.03	=	10.02
(2)	5.36 X 3.12	=	16.72
(3)	5.48 X 9.14	=	50.09
(4)	1.43 X 6.51	=	09.31
NET CARPET AREA		=	86.14
BALCONY	1.11 X 3.23	=	03.59
WASH	1.43 X 2.64	=	02.93
TOTAL WASH & BALC.		=	07.37

CARPET AREA (RERA)

RESIDENCE

FLOOR	UNIT NO.	CARPET AREA (WASH & BALC. (RERA)		INTERNAL DUCT AREA (RERA)	
		BLOCK - A			
1ST FLOOR	101	82.98	07.37	1.22 X 1.53 X 1 = 1.87	
	102	76.87	08.20		
	103	86.14	07.37		
	104	86.14	07.37		
	105	82.98	07.37		
	106	82.98	07.37		
2ND FLOOR	201	82.98	07.37	1.22 X 1.53 X 1 = 1.87	
	202	76.87	08.20		
	203	86.14	07.37		
	204	86.14	07.37		
	205	82.98	07.37		
	206	82.98	07.37		
3RD FLOOR	301	82.98	07.37	1.22 X 1.53 X 1 = 1.87	
	302	76.87	08.20		
	303	86.14	07.37		
	304	86.14	07.37		
	305	82.98	07.37		
	306	82.98	07.37		
4TH FLOOR	401	82.98	07.37	1.22 X 1.53 X 1 = 1.87	
	402	76.87	08.20		
	403	86.14	07.37		
	404	86.14	07.37		
	405	82.98	07.37		
	406	82.98	07.37		
5TH FLOOR	501	82.98	07.37	1.22 X 1.53 X 1 = 1.87	
	502	76.87	08.20		
	503	86.14	07.37		
	504	86.14	07.37		
	505	82.98	07.37		
	506	82.98	07.37		
TOTAL		2490.45	225.25	11.22	

F.S.I. AREA TABLE

SQ. MTS.

F.S.I. ON 1 ST FLOOR	=	581.59 SQ. MTS.
F.S.I. ON 2 ND FLOOR	=	581.59 SQ. MTS.
F.S.I. ON 3 RD FLOOR	=	581.59 SQ. MTS.
F.S.I. ON 4 TH FLOOR	=	581.59 SQ. MTS.
F.S.I. ON 5 TH FLOOR	=	581.59 SQ. MTS.
TOTAL F.S.I. AREA	=	2907.95 SQ. MTS.

B.A.REA TABLE

SQ. MTS.

PROP. B.AREA ON GROUND FL (HOLLOW PLINTH)	=	641.41 SQ. MTS.
PROP. B.AREA ON 1 ST FLOOR	=	641.41 SQ. MTS.
PROP. B.AREA ON 2 ND FLOOR	=	641.41 SQ. MTS.
PROP. B.AREA ON 3 RD FLOOR	=	641.41 SQ. MTS.
PROP. B.AREA ON 4 TH FLOOR	=	641.41 SQ. MTS.
PROP. B.AREA ON 5 TH FLOOR	=	641.41 SQ. MTS.
PROP. B.AREA ON STAIR CABIN	=	60.44 SQ. MTS.
PROP. B.AREA ON LIFT RM.	=	35.00 SQ. MTS.
PROP. B.AREA TOTAL	=	3943.90 SQ. MTS.

SCHEDULE OF DOOR & WINDOW
ALL WINDOW PROTECTED BY SAFETY GRILL

DOOR	WINDOW / VENT.
D1 = 0.90 X 2.13	W = 1.50 X 1.20
D2 = 0.80 X 2.13	W1 = 0.75 X 1.56
D3 = 0.75 X 2.13	W2 = 0.75 X 1.20
SD = 3.35 X 2.13	W3 = 0.75 X 1.56
	W4 = 0.75 X 1.05
	V = 0.61 X 0.61
	G = OPEN GAP

R.C.C. STAIR DETAILS

WIDTH	=	1.50 MT.
TREAD	=	0.25 MT.
RISER	=	0.17 MT.
GAP BETWEEN BALUSTER >	=	0.16 MT.

COLOUR NOTE :-

PROP. WORK	
PROP. DRAINAGE	
CHARGEABLE F.S.I.	

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.

OWNER:-

KIRAN N. PATEL
A/3, Platinum Plaza,Nikol,A'bad.
AMC LIC No. S907/45280/40/0R1
AMC LIC No. CWD5201004/22R1
AMC LIC No. S004/5260/20

ENGINEER/COW:-

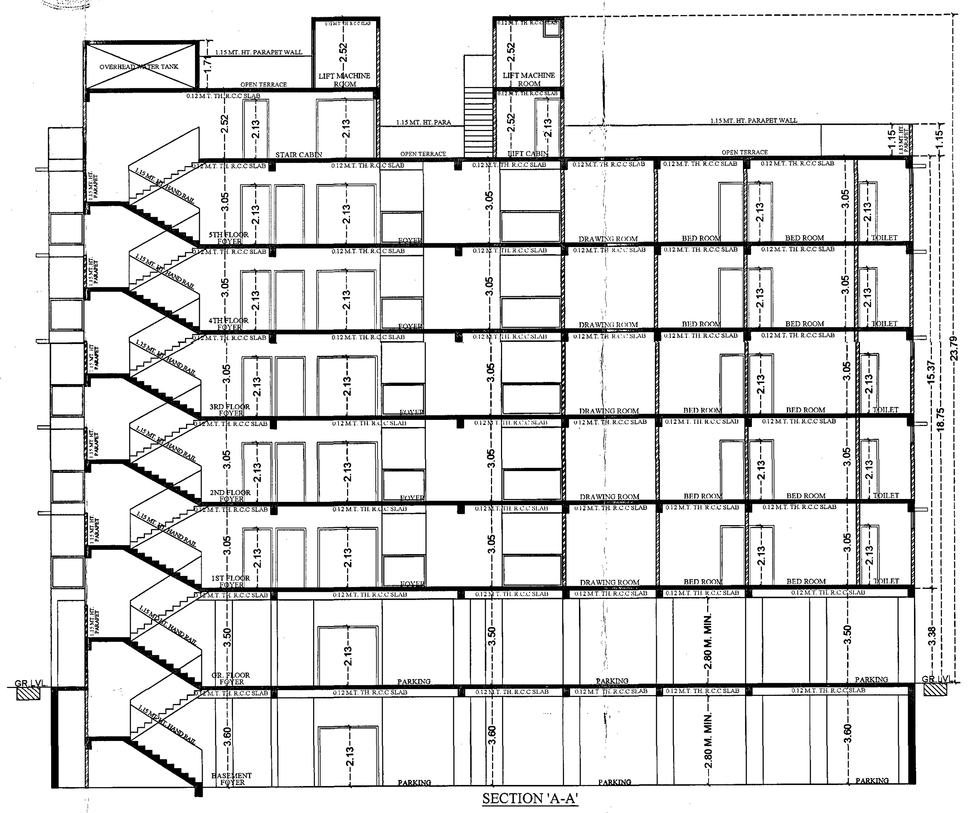
For, RAMANI BUILDERS
Reg.No. DEV 917/290322
PARTNER

DEVLOPER:-

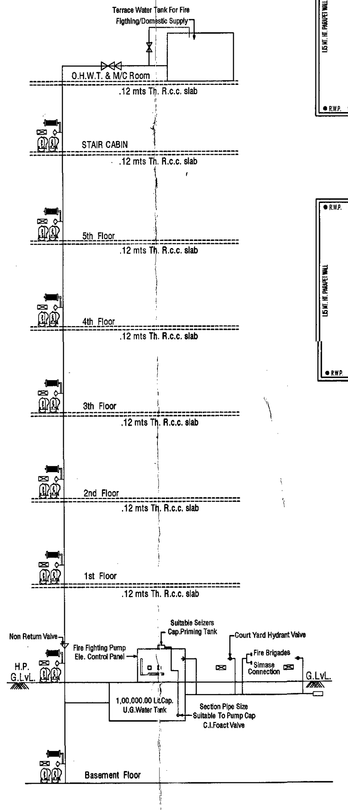
KETAV P. JOSHI
S.D. LIC.NO.D/5422/20721R3
503, Abhijyot Square,
Makarba, Ahmedabad.

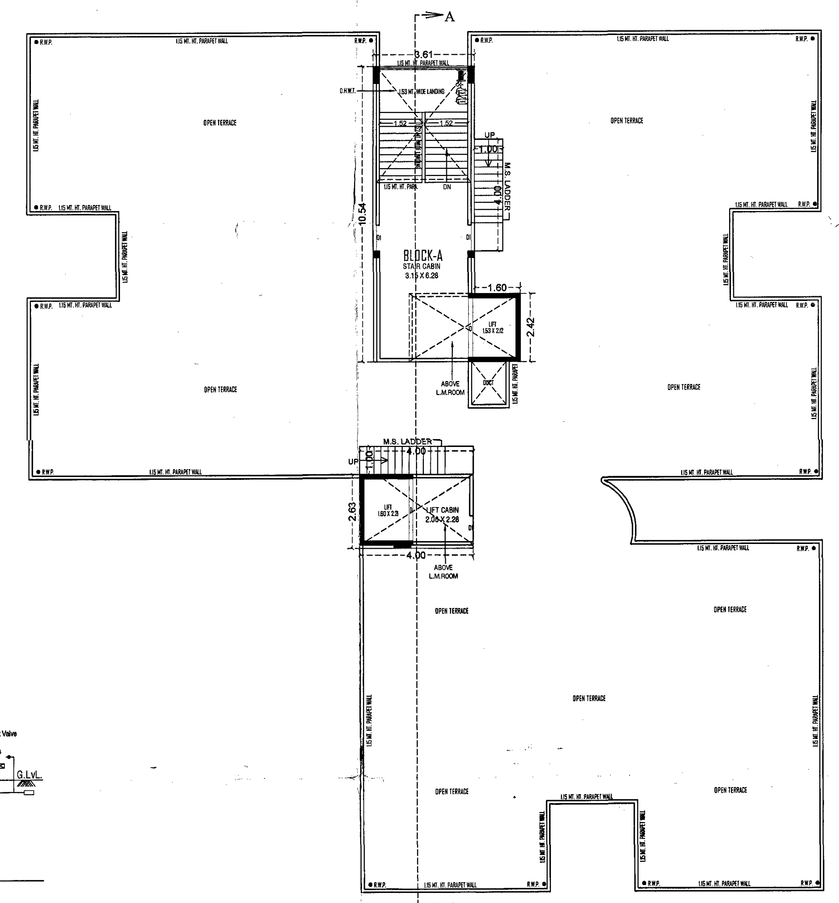
STR. ENGINEER:-

FRONT ELEVATION



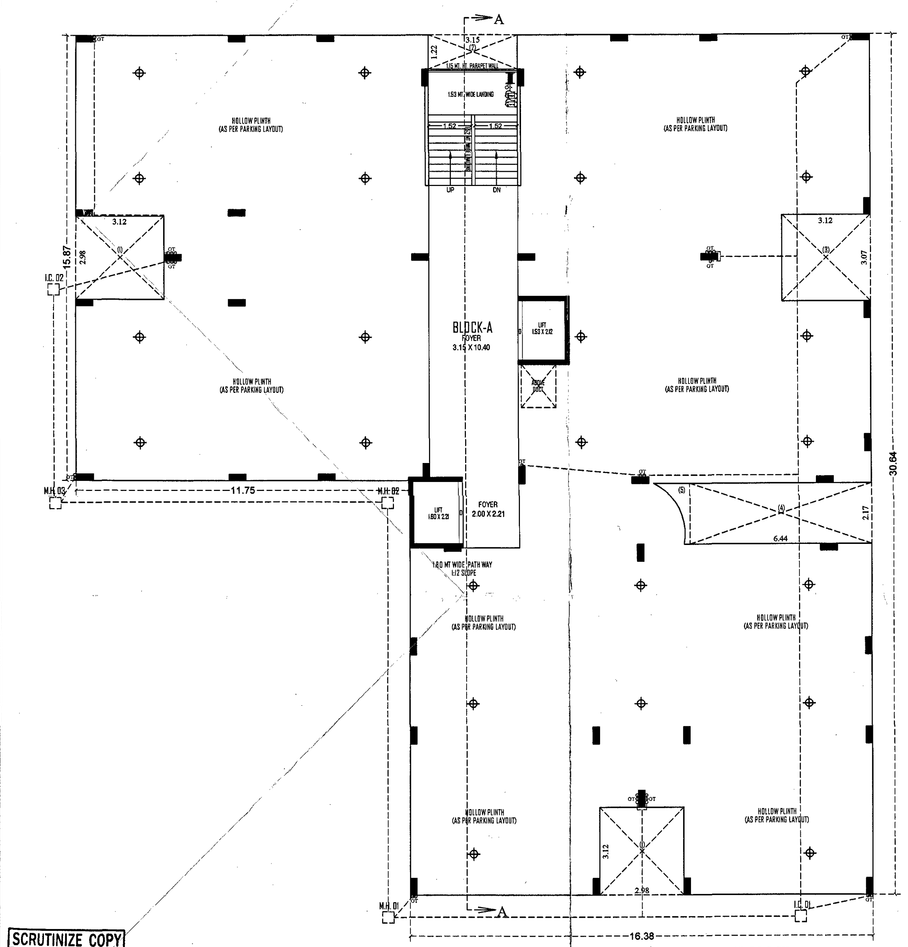
SECTION 'A-A'





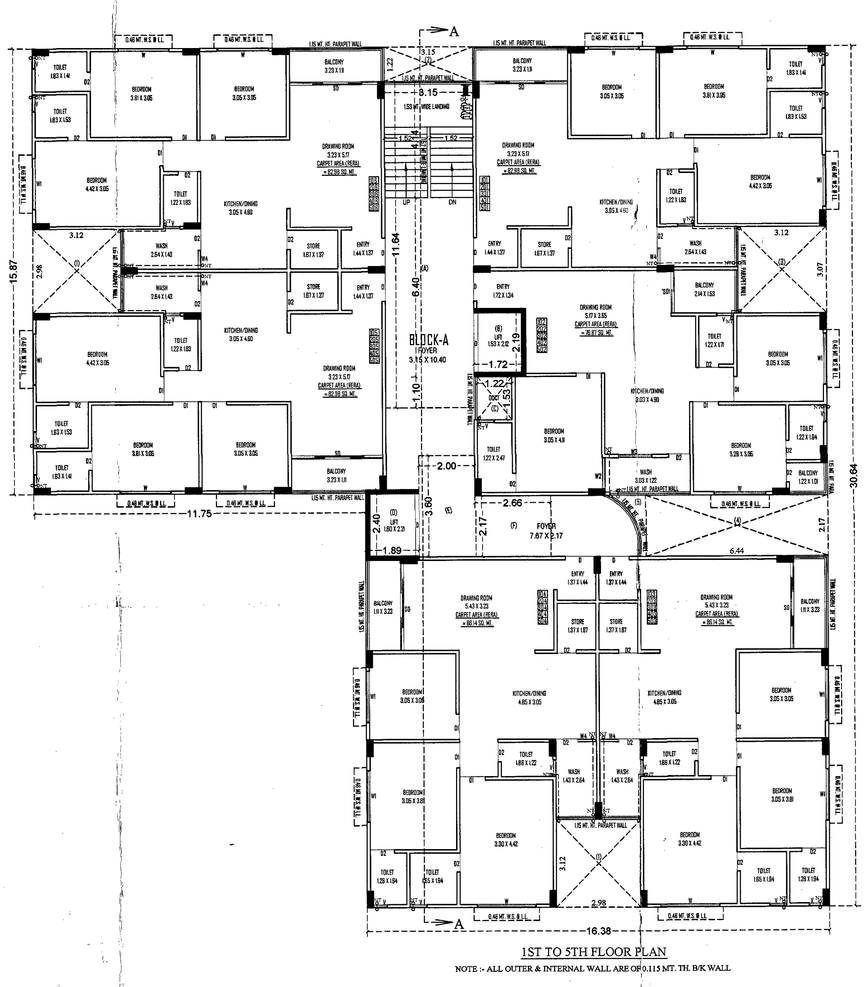
OPEN TERRACE PLAN (STAIR CABIN, LIFT MACH.ROOM&O.H.W.T.)

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



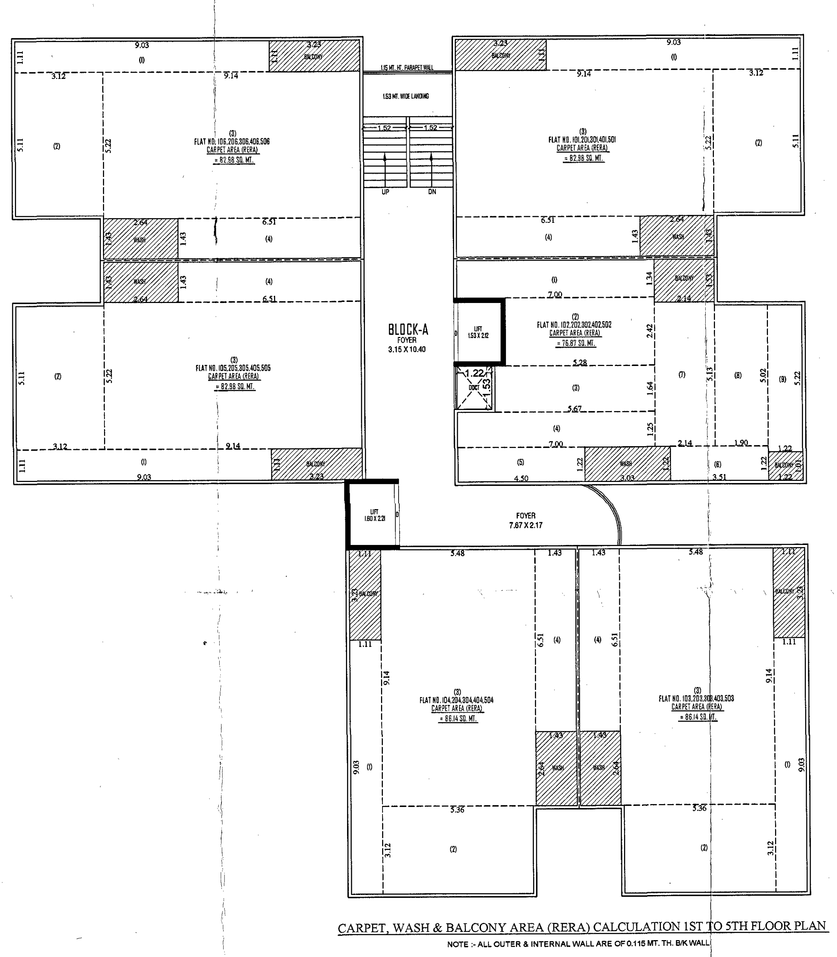
GROUND FLOOR PLAN (HOLLOW PLINTH) BLOCK:-A

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



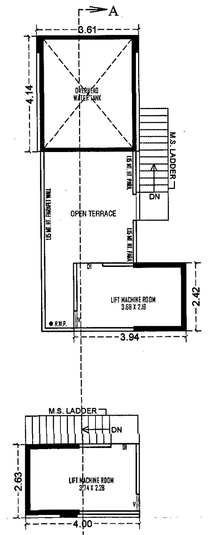
1ST TO 5TH FLOOR PLAN

NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.115 MT. TH. B/K WALL



CARPET, WASH & BALCONY AREA (RERA) CALCULATION 1ST TO 5TH FLOOR PLAN

NOTE :- ALL OUTER & INTERNAL WALL ARE OF 0.115 MT. TH. B/K WALL



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

SCRUTINIZE COPY
No. of Dr. 3 / 1 / 18
TDO, RPSP., AMC

All Dues in respect of Development charges, premium charges and any other charges which are not paid shall be paid by the owner/ developer.

RESPONSIBILITY OF BLOCK OWNER / OCCUPIER ETC. APPROVAL OF DRAWING AND DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL OR ANY STATEMENT, CERTIFICATE OF BUILDING COMPLETION CERTIFICATES SHALL NOT RELIEVE OWNER, ENGINEER, ARCHITECT, CLERK OF WORKS/SITE SUPERVISOR, STRUCTURAL ENGINEER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES IMPOSED UNDER THE ACT, DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TOWN AND LOCAL ACTS.

NOTWITHSTANDING ANY PERMISSION/ SANCTION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON ERECTING OR CAUSING TO BE ERECTED ANY WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE TO ANY CLAIM FOR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY PERSON OR PROPERTY BY REASON OF SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

Ahmedabad Municipal Corporation

Case No. : BLNTS/EZ/211218/CGDCRVIA1076/R0/M1 Zone: EAST

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

Raja Chithi Number : 0101/0121218/A1076/R0/M1

Date : 30/01/19

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

AUTHORITY