1	PLOT AREA	3642.00
2	PERMI. F.S.I	6555.60
3	PERMI. CHARGABLE F.S.I	3277.80
4	MAX. PERMI. F.S.I (2 + 3)	9833.40
5	TOTAL UTILISED F.S.I	9815.74
6	UTILISED CHARGABLE F.S.I (5 - 2)	3060.14
7	MAX. PERMI. F.S.I COMMERCIAL	961.57

BLOCK	CONSUMED F.S.I.			NO. OF CONSD. UNIT.	RESIDENTIAL DWELLING UNIT UP TO 99 Sq.mt.			RESIDENTIAL DWELLING UNIT MORE THEN 99 Sq.mt. AND UP TO 85 Sq.mt.		
	COMM.	RESI.	TOTAL		NO. OF UNIT	F.S.I. AREA	% USED F.S.I.	NO. OF UNIT	F.S.I. AREA	% USED F.S.I.
A	590.06	6502.51	7092.58	25	7	302.26	4.65	105	6200.25	87.42
B	0	2523.16	2523.16	0	0	0.00	0.00	42	2523.16	100.00
TOTAL	590.06	9025.66	9615.74	25	7	302.26	4.65	147	8723.40	90.72

Sr. No.	DWELLING UNITE TYPE	NO. OF UNIT	USED F.S.I	% USED F.S.I	CHARGABLE F.S.I
A	COMMERCIAL UNIT	25	590.06	6.14	187.79
B	UP 50.00 SMT.	7	302.26	3.14	96.19
C	MORE THEN 50.00 AND UP TO 65.00	147	8723.40	90.72	2776.16
D	MORE THEN 65.00 AND UP TO 80.00	0	0	0.00	0.00
E	WITH AFF. F.S.I (40% SLAB)	0	0	0.00	0.00
	GRAND TOTAL	179	9615.74	100.00	3060.14

CHANGEABLE F.S.I. AREA TABLE				
BLOCK	COMM.	RESIDENTIAL DWELLING UNIT UP TO 99 Sq.mt.	RESIDENTIAL DWELLING UNIT MORE THEN 99 Sq.mt. AND UP TO 85 Sq.mt.	TOTAL
A (As per G.D.C.R.-2021)	187.79	96.19	1973.18	2257.16
B (As per C.G.D.C.R.-2017)	—	—	502.98	502.98

NOTES :-

- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE BIRTH AND POSITION OF EXISTING MUNICIPAL MANHOLE IS VERYFIED ME ON SITE AND PREMISES CAN GIT DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO G.D.C.R. 2021, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN .
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE G.D.C.R. 2021., THE STRUCTURAL 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. 23.1.12 AND 23.3A AND 24.6 OF G.D.C.R. 2021.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.5 OF G.D.C.R. 2021.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF G.D.C.R 2021.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 24 OF G.D.C.R. 2021.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO. 23.6.2
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.13
- SPACIAGE OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE G.D.C.R. 2021.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF G.D.C.R. 2021.
- THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.1.4 OF G.D.C.R. 2021.
- THE STRUCTURE OF THE BUILDING IS AS PER THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND TAKE NECESSARY ACTION FOR THE STRUCTRAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.2 OF G.D.C.R. 2021.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF G.D.C.R. 2021.
- SOLID WATER RECYCLING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.4 OF G.D.C.R. 2021.
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF G.D.C.R. 2021.
- MAINTAINANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 29 OF G.D.C.R. 2021.

RESPONSIBILITY (G.D.C.R. -2021 C.L. NO. 4.3.4 & 4.5)
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT , STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER, ENGINEER, ARCHITECT, CLERK OF WORKSITE SUPERVISOR , STRUCTURAL DESIGNER, DEVELOPER OWNER FROM THEIR RESPONSIBILITIES , IMPOSED UNDER THE ACT , THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LEGAL ACTS.

LIABILITY (G.D.C.R. -2021 C.L. NO 3.3.1)
NOT WITH STANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIAINLITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

BUILT UP AREA TABLE	IN SQ.MTS.					
FLOOR	BLOCK: A		BLOCK: B	TOTAL		
	APPR.	REVI.	PROP.	APPR.	REVI.	REVI. + PROP.
CELLAR	872.84	882.51	—	872.84	882.51	882.51
GROUND	1235.03	1245.11	397.51	1235.03	1642.62	1642.62
1st. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
2nd. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
3rd. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
4th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
5th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
6th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
7th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35	1551.35
STAIR CABIN	69.13	82.53	39.74	69.13	122.27	122.27
O.H.W.T. & L.M.R.	54.19	71.32	36.04	54.19	107.36	107.36
TOTAL	10305.20	10358.35	3255.86	10305.20	13614.21	

F.S.I. AREA TABLE	IN SQ.MTS.					
FLOOR	BLOCK: A		BLOCK: B	TOTAL		
	APPR.	REVI.	PROP.	APPR.	REVI.	REVI. + PROP.
CELLAR	—	—	—	—	—	—
GROUND	590.14	590.06	—	590.14	590.06	590.06
1st. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
2nd. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
3rd. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
4th. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
5th. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
6th. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
7th. FLOOR	928.96	928.93	360.45	928.96	1289.38	1289.38
TOTAL	7092.86	7092.59	2523.15	7092.86	9615.74	9615.74

UNIT AND FLOOR AREA TABLE														
FLOOR	USE			UNIT						FLOOR AREA IN SQ.MTS.				
	BLOCK: A		BLOCK: B	BLOCK: A		BLOCK: B	TOTAL			BLOCK: A		BLOCK: B	TOTAL	
	APPR.	REVI.	PROP.	APPR.	REVI.	PROP.	APPR.	REVI. + PROP.		APPR.	REVI.	PROP.	APPR.	REVI. + PROP.
GROUND	RESI. + PARK.	COMM.+ PARK.	PARK.	15 RESI.	25 COMM.	—	15 RESI.	25 COMM.		590.14	590.06	—	590.14	590.06
1st. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
2nd. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
3rd. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
4th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
5th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
6th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
7th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.		928.96	928.93	360.45	928.96	1289.38
TOTAL	RESI.+ PARK.	RESI.+ PARK.	RESI.+ PARK.	127 RESI.	25 COMM.+ 112 RESI.	42 RESI.	127 RESI.	25 COMM.+ 154 RESI.		7092.86	7092.59	2523.15	7092.86	9615.74

LIFT REQUIREMENT CALCULATION:-			
BLOCK	NO. OF UNIT (3rd To. 7th Flr.)	NO. OF LIFT REQUIRED	PROVIDED LIFT
A	80	80 / 30 = 2.66	03 NOS.
B	30	30 / 30 = 1.00	02 NOS.

CONTAINER BIN CALC. (RESIDENCE)

TOTAL NOS OF UNIT = 166 NOS
CONT REQ = 1 UNIT = 1 NOS. (10 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS
80 LTRS = 8 UNIT = 1 CONT (80 LTRS CAP)
= 166 NOS UNITS / 8
= 21 CONTAINER REQUIRED
SAY = 21 NOS CONTAINER REQUIRED
21 NOS CONTAINER PROVIDED OF 80 LTR CAP.

CONTAINER BIN CALC. (COMMERCIAL)

TOTAL FLOOR AREA = 590.14 SMT.
CONT REQ = 100 SMT. = 1 NOS. (20 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 4 CONT = 1 CONTAINER(80 LTRS CAP)
= 590.14 / 100
= 1.47 CONTAINER REQUIRED
SAY = 2 NOS CONTAINER REQUIRED
TOTAL C.B.PROVIDED = 2 NOS OF 80 LTR CAP.

COLOUR NOTES:-

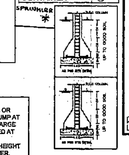
- F.P. BOUNDRY
- APPR. WORK
- PROP WORK
- PROP DRAINAGE
- ROAD
- COMMON PLOT
- TREES
- PER. WELL
- CONTAINER

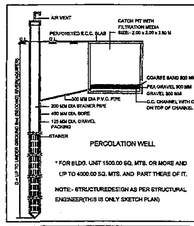
COMMON PLOT AREA CALC

5.13 + 14.45 / 2 x 34.13 = 334.13 SMT.
LESS
AS PER 'P' LINE = 35.05
= 334.13 - 35.05
COMMON PLOT AREA = 299.08 SMT.

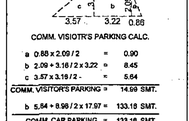
PERCOLATING WELL CALC.

PLOT AREA = 3842.00 SMT
4000.00 SMT = 1 NO PER WELL
= 3842.00 / 4000
= 0.91 NOS PER WELL REQD
1 NOS PER WELL PROVIDED





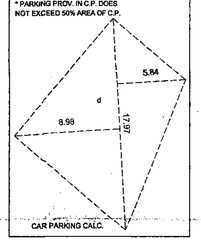
PARKING AREA CALC. IN C.P.



COMM. VISIOTRS PARKING CALC.

a 0.88 x 2.09 / 2	=	0.90
b 2.09 x 3.16 / 2 x 3.22	=	8.45
c 3.57 x 3.16 / 2 -	=	5.64
COMM. VISITOR'S PARKING	=	14.99 SMT.
b 5.84 + 8.99 / 2 x 17.97	=	133.18 SMT.
COMM. CAR PARKING	=	133.18 SMT.
TOTAL PARKING	=	148.15 SMT.

* PARKING PROV. IN C.P. DOES NOT EXCEED 50% AREA OF C.P.



CAR PARKING CALC.

(1) HYDRANT SYSTEM :
ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE-PUMP AT 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 HEIGHT SHOULD NOT EXCEED LESS THAN 100 MM. INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A HRV TO ACT A DOWN-COMER.
ONE RISER IS REQUIRED FOR EVERY 1000 SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL.
EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 63 MM. DIA. NOSE. 25 MM. BORE HOSE-REEL HOSE WITH A MM. SHUT- OFF NOZZLE AT EACH FLOOR LANDING THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER ON THE FLOOR-SIDE-BOX WITH
15 METERS LONG 63 MM. 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 PERMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
A PERMANENT HYDRANT POINT COMPRISING OF 63 MM DIA SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
OVERHEAD TANK REFILLING BYPASS CONNECTION SHOULD BE DONE AT THE TERRACE LEVEL.
THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 20,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1 00,000 LITERS.
(2) FIRE LIFT :
THE FIREFIGHTING ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO 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 A MORE PARTS THEN EACH PART SHOULD HAVE A FIRE-LIFT. LIFT-WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT -WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATE, SO THAT IF PREVENTS THE LIFT WELL GETTING SMOKE LOCGED.
(3) FIRE ALARM :
FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGNOUT THE BUILDING .
(4) FIRE EXTINGUISHERS :
ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. WITH ISI MARK. AND ONE EXTINGUISHER OF 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO 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 X 2 KG. CAPACITY ON EACH FLOOR AND 5 KG. DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ON ALTERNATE FLOOR IN CASE OF RESIDENTIAL BUILDINGS.
IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
(5) STAIRCASE :
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING 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 AFFRIDCHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.
(6) 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 :-
IF THE BUILDING FALLS IN A CONFINED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPEMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AREA ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
(9) ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE - SAFETY SYSTEM :
ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. (I.E. FROM ELECTRICAL POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.
(10) IMPORTANT INSTRUCTIONS :
AFTER INSPECTION OF A LOWRISE BUILDING BY THE FIRE SERVICES AUTHORITY , IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRED OR EQUIPEMENT (I.E. PASSIVE SYSTEM / SPRINKLER / DRENCHER ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GETHERING, POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPEMENT HAVE TO BE IMPLEMENTED / INSTALLED.

LEGEND:-

- 4.5 Kg CO2 FIRE EXTINGUISHER
- 22.5 KG CO2 TYPE EXTINGUISHER
- 50 Ltr MECHINICAL FOAM TYPE
- FHC
- 9 Ltr MECHINICAL FOAM TYPE

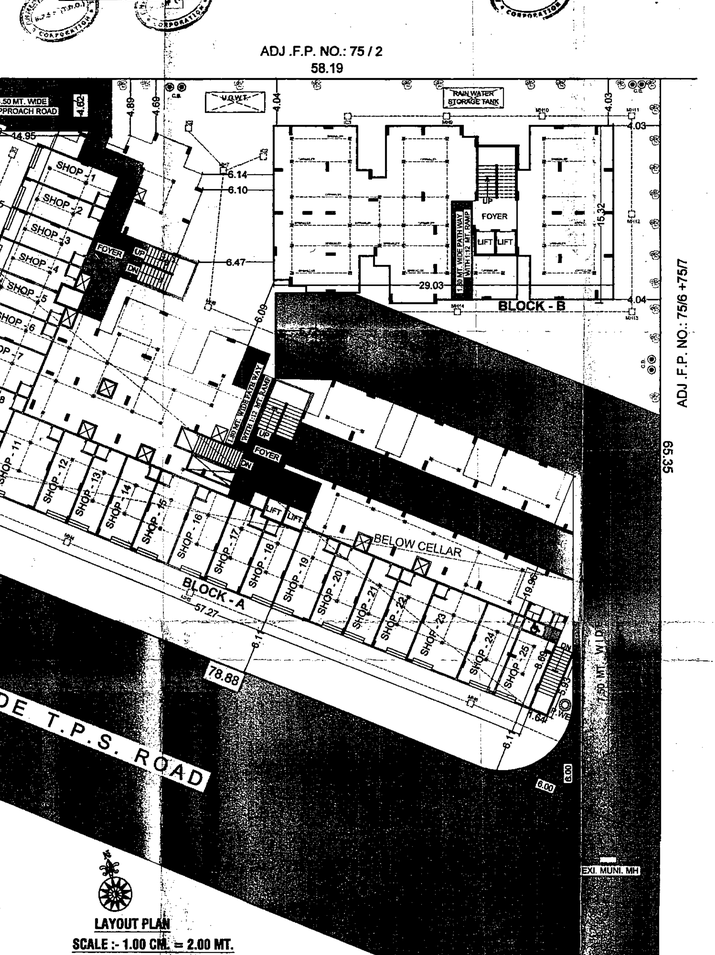
SYMBOL	DESCRIPTION
7	150Ø WET RISER
8	80ØDRAIN PIPE
9	150ØSPRINKLER RISER FOR UPPER FLOORS
10	150Ø MAKE UP LINE
11	150ØSPRINKLER RISER FOR UPPER BASEMENT SPRINKLER HEAD (SIDE WALL) SPRINKLER HEAD (PENDENT TYPE)

(11) LEGEND :

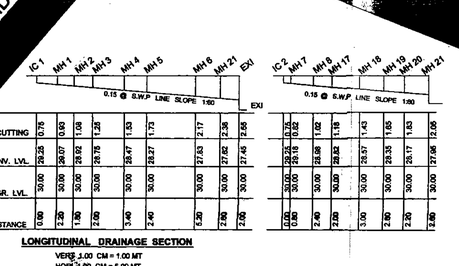
1	FIRE HYDRANT SYSTEM FIRE MAIN
2	SINGEL HEADED HYDRANT VALVE
3	SLUICE VALVE
4	SMOKEY SIAMESE CONNECTION
5	RISE OR DROP
6	NON RETURN VALVE
7	SERVICES
8	FIRE HOUSE BOX
9	FIRE HOSE REEL HOSE
10	D.C.P. & CO.2
11	HYDRANT VALVE

SCHEDULE OF PUMPS AND EQUIPMENTS

SYMBOL	DESCRIPTION	NOS.	WORKING
P1	DIESEL ENGINE PUMP	1	1
P2	MAIN FIRE PUMP (ELECTRIC OPERATED)	1	1
P3	JOCKEY PUMP (COMMON)	1	1
P4	SPRINKLER PUMP (ELECTRIC OPERATED)	1	1



LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.



LONGITUDINAL DRAINAGE SECTION
VERS 1.00 CM = 1.00 MT
HORS 1.00 CM = 5.00 MT

SCRUTINIZE COPY
Note: 01/15703/B...
T.P.O. 03/52 , AMC

(RESI. AFFORDABLE HOUSING PROJECT)
SHEET NO :- 1/6
LAY-OUT PLAN

REVISED LAY OUT PLAN SHOWING (RESI.+COMM.) & RESIDENTIAL BUILDING (AFFORDABLE HOUSING) ON F.P. NO.- 75/3 OF T.P.S NO :- 115(RAMOL) (DRAFT SANCTIONED) [R. SURVEY NO. - 207 / 3 + 4 ; O.P.NO. - 75/3, MOJE :- RAMOL, TAL :- VATVA, DIST.- AHMEDABAD .

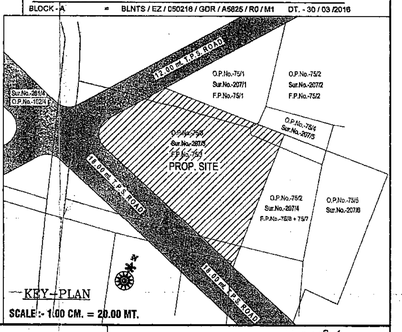
SCALE :- 1CM = 2.00 MT.

ZONE :- RESIDENCE - I (R1)
BLOCK - A
USE :- RESIDENTIAL AFFORDABLE HOUSING (RESI. + COMM. & RESIDENCE)

AREA TABLE IN SMT.	BLOCK - A APPR. AS PER G.D.C.R. 2021.	BLOCK - A REVI. AS PER G.D.C.R. 2021.	BLOCK - B PROP. AS PER C.G.D.C.R. 2017.	TOTAL PROP. + REVI.
PLOT AREA OF F.P. NO :- 75/3	3642.00	3642.00	3642.00	3642.00
AREA NOT IN POSSESION (as per Opinion)	85.00	—	—	—
NET PLOT AREA OF F.P. NO :- 75/3	3557.00	—	—	—
REQUIRED COMMON PLOT @ 8 % OF TOTAL PLOT AREA	291.36	291.36	291.36	291.36
PROVIDED COMMON PLOT.	299.08	299.08	299.08	299.08
BUILT UP AREA ON GROUND FLOOR	1235.03	1245.11	397.51	1842.62
TOTAL BUILT UP AREA	10305.20	10358.35	3255.86	13614.21

F.S.I AREA TABLE IN SMT.	APPR.	REVI.	REVI.	PROP. + REVI.
PLOT AREA OF F.P. NO :- 75/3	3642.00	3642.00	3642.00	3642.00
NET PLOT AREA OF F.P. NO :- 75/3	3557.00	—	—	—
PERMI. F.S.I. @ 1 : 1.8 OF PLOT AREA (3557.00 x 1.8)	6402.60	—	—	—
PERMI. F.S.I. @ 1 : 1.8 OF PLOT AREA (3642.00 x 1.8)	—	6555.60	6555.60	6555.60
PERMI. CHARGABLE F.S.I. 1:0.90 (3557.00 x 0.90)	3201.30	—	—	—
PERMI. CHARGABLE F.S.I. 1:0.90 (3642.00 x 0.90)	—	3277.80	3277.80	3277.80
TOTAL PERMISSIBLE + CHARGEABLE F.S.I.	9603.90	9833.40	9833.40	9833.40
TOTAL F.S.I. USED.	7092.86	7092.59	2523.15	9615.74
CHARGEABLE F.S.I.	590.26			3060.14

REFERENCE CASE NO :-
BLOCK - A = BLNTS / EZ / C50216 / GDR / A5825 / R0 / M1 DT. - 30 / 03 /2016



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

SHARANAM DEVELOPERS
Jitendrakumar F. Kotadiya & Partners
Mamai Niwas, Nr. Sindhwi Mata Temple,
Ramol Road, C.T.M., Ahmedabad-380 026.
AMC DEV LIC No.486160820
DEVELOPER

શરણમ્ ડેવલોપર્સ ના ભાગીદારો વતી
૧. સંજયભાઈ અરજણભાઈ સરવાડ
૨. અમિતકુમાર પ્રવિણભાઈ ડડેર
OWNER

VIREN D. PAREKH
STRUCTRAL DESIGNER
LIC No.: SD0342181020R1
Reg. No. AUDA/SD-I/289
402, Maulik Arcade,
Nr. Mansi Cross Road,
Vastrapur, Ahmedabad-380 015.
STR . ENGINEER

MILAP CHOKSHI
B.E. CIVIL
6, SHANTIKUNJ SOCIETY,
MANINAGAR, AHMEDABAD-8.
AMC/ER/LIC. : 0328091221R3
AMC/CW/LIC. : 0210041022R3
(GRADE-3)
ENGINEER / C.O.W

For, sharanam developers
partner

Ahmedabad Municipal Corporation
Zone: EAST
Plan Approved as per terms and conditions contained in the Commencement Certificate
Raja Chitthi Number: 1100/2016/BP/A2525/M1
Date : 19/01/2018
Asst. T.D.O./Asst. E.O. (Civic Center)
R.K. Tandi Dy.T.D.O. EAST
J.S. PRAJAPATI Dy MC EAST

1	PLOT AREA	3642.00
2	PERMI. F.S.I	6555.60
3	PERMI. CHARGABLE F.S.I	3277.80
4	MAX. PERMI. F.S.I (2 + 3)	9833.40
5	TOTAL UTILISED F.S.I	9615.74
6	UTILISED CHARGABLE F.S.I (5 - 2)	3060.14
7	MAX. PERMI. F.S.I COMMERCIAL	961.57

BLOCK	CONSUME F.S.I. COMM.	RESI.	TOTAL	NO. OF. COMM. UNIT.	RESIDENTIAL DWELLING UNIT UP TO 60 Sq.mt. NO. OF UNIT	F.S.I. AREA	% USED F.S.I.	RESIDENTIAL DWELLING UNIT MORE THEN 60 Sq.mt. AND UP TO 80 Sq.mt. NO. OF UNIT	F.S.I. AREA	% USED F.S.I.
A	590.08	6502.51	7092.59	25	7	302.28	4.65	105	6200.23	87.42
B	0	2523.15	2523.15	0	0	0.00	0.00	42	2523.15	100.00
TOTAL	590.08	9025.66	9615.74	25	7	302.28	4.65	147	8723.40	90.72

Sr. No.	DWELLING UNITE TYPE	NO . OF UNIT	USED F.S.I	% USED F.S.I	CHARGABLE F.S.I
A	COMMERCIAL UNIT	25	590.08	6.14	187.79
B	UP 50.00 SMT.	7	302.28	3.14	96.19
C	MORE THEN 50.00 AND UP TO 60.00	147	8723.40	90.72	2776.16
D	MORE THEN 60.00 AND UP TO 80.00	0	0	0.00	0.00
E	WITH AFF. F.S.I (40% SLAB)	0	0	0.00	0.00
	GRAND TOTAL	179	9615.74	100.00	3060.14

BLOCK	COMM.	RESIDENTIAL DWELLING UNIT UP TO 60 Sq.mt.	RESIDENTIAL DWELLING UNIT MORE THEN 60 Sq.mt. AND UP TO 80 Sq.mt.	TOTAL
A (As per G.D.C.R.-2021)	187.79	96.19	1973.18	2257.16
B (As per C.G.D.C.R.-2017)	—	—	802.98	802.98

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 LEVEL OF ROAD/STREET EXISTING MUNICIPAL MAINHOLE IS VERIFIED ME ON SITE AND PREMISES CAN GIFT DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO CGDCR 2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFIY THAT ACCORDING TO THE CLAUSE NO. 3.3.3 OF THE CGDCR 2017, THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF FOUNDATION AND FOOTING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.1.1.12 OF CGDCR 2017. SAFETY OF STRUCTURE IS ENSURED.
- ADEQUATE RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.1.5.3 OF CGDCR2017.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.12 AND 22.6 OF CGDCR 2017.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.4 OF CGDCR 2017.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WASTE TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 22.21 OF CGDCR 2017.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 21.13 OF CGDCR 2017.
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO. 21.6.2 OF CGDCR 2017.
- SANITARY FACILITY IS PROVIDED AS PER THE CLAUSE NO. 21.10 OF CGDCR 2017.
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 21.7 OF THE CGDCR 2017.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 21.1.7 OF CGDCR 2017.
- THE PARKING OF BUILDING UNIT/ORIAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 21.1.4 OF CGDCR 2017.
- THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER HARVESTING SYSTEM AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 21.3 OF CGDCR 2017.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.3 OF CGDCR 2017.
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 21.5 OF CGDCR 2017.
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 22 OF CGDCR 2017.
- FIRE SAFETY PROVISIONS SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES ACT-2013.
- ELECTRICAL SAFETY PROVISIONS SHALL BE MADE AS PER THE CLAUSE NO. 22 OF CGDCR 2017.
- MANDIMAL SPACE IN CELLAR SHALL HAVE LOAD BEARING CAPACITY OF 4(FIVE) TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO. 22.3 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 RAILLING UPTO 3ML LEVEL AS PER GDCR CL. NO. 21.13.

RESPONSIBILITY (C.G.D.C.R.- 2017 CL. NO. 3.3.3.4 & 3.5) :-

APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT , DOCUMENTS , STRUCTURAL REPORT , STRUCTURAL DRAWING, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER , ENGINEER , ARCHITECT , CLERK OF WORK/SITE SUPERVISOR , STRUCTURAL DESIGNER , DEVELOPER , OWNER FROM THEIR RESPONSIBILITIES , IMPOSED UNDER THE ACT , THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LOCAL ACTS.

LIABILITY (C.G.D.C.R.- 2017 CL. NO 2.3.1) :-

NOT WITH STANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS , ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

NOTE :-

ROOF TOP SOLAR ENERGY INSTALLATIONS AND GENERATION SHALL BE PROVIDED AS PER CL. 25.6.1 OF C.G.D.C.R 2017.

FLOOR	BLOCK: A APPR.	BLOCK: A REVI.	BLOCK: B APPR.	TOTAL APPR.	TOTAL REVI.+ PROP.
CELLAR	872.84	882.51	—	872.84	882.51
GROUND	1235.03	1245.11	397.51	1235.03	1642.62
1st. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
2nd. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
3rd. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
4th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
5th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
6th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
7th. FLOOR	1153.43	1153.84	397.51	1153.43	1551.35
STAIR CABIN	69.13	82.53	39.74	69.13	122.27
O.H.W.T. & L.M.R.	54.19	71.32	36.04	54.19	107.36
TOTAL	10305.20	10358.35	3255.86	10305.20	13614.21

FLOOR	BLOCK: A APPR.	BLOCK: A REVI.	BLOCK: B PROP.	TOTAL APPR.	TOTAL REVI.+ PROP.
CELLAR	—	—	—	—	—
GROUND	590.14	590.08	—	590.14	590.08
1st. FLOOR	928.96	928.93	360.45	928.96	1289.38
2nd. FLOOR	928.96	928.93	360.45	928.96	1289.38
3rd. FLOOR	928.96	928.93	360.45	928.96	1289.38
4th. FLOOR	928.96	928.93	360.45	928.96	1289.38
5th. FLOOR	928.96	928.93	360.45	928.96	1289.38
6th. FLOOR	928.96	928.93	360.45	928.96	1289.38
7th. FLOOR	928.96	928.93	360.45	928.96	1289.38
TOTAL	7092.86	7092.59	2523.15	7092.86	9615.74

BLOCK	NO. OF UNIT (3rd To. 7th Flr.)	NO. OF LIFT REQUIRED	PROVIDED LIFT
A	60	60 / 30 = 2.00	03 NOS.
B	30	30 / 30 = 1.00	02 NOS.

FLOOR	USE BLOCK: A APPR.	USE BLOCK: A REVI.	USE BLOCK: B PROP.	UNIT BLOCK: A APPR.	UNIT BLOCK: A REVI.	UNIT BLOCK: B PROP.	FLOOR AREA IN SQ.MTS. BLOCK: A APPR.	BLOCK: A REVI.	BLOCK: B PROP.	TOTAL APPR.	TOTAL REVI.+ PROP.
GROUND	RESI.+ PARK.	COMM.+ PARK.	PARK.	15 RESI.	25 COMM.	—	15 RESI.	25 COMM.	590.14	590.14	590.08
1st. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
2nd. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
3rd. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
4th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
5th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
6th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
7th. FLOOR	RESI.	RESI.	RESI.	16 RESI.	16 RESI.	06 RESI.	16 RESI.	22 RESI.	928.96	928.93	360.45
TOTAL	RESI.+ PARK.	RESI.+ PARK.	RESI.+ PARK.	127 RESI.	25 COM.+ 112 RESI.	42 RESI.	127 RESI.	25 COM.+ 154 RESI.	7092.86	7092.59	2523.15

CONTAINER BIN CALC. (RESIDENCE)

TOTAL NOS OF UNIT = 168 NOS
CONT REQ = 1 UNIT = 1 NOS. (10 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS
80 LTRS = 8 UNIT = 1 CONT (80 LTRS CAP)
= 168 NOS UNITS / 8
= 21 CONTAINER REQUIRED
SAY = 21 NOS CONTAINER REQUIRED
21 NOS CONTAINER PROVIDED OF 80 LTR CAP.

CONTAINER BIN CALC. (COMMERCIAL)

TOTAL FLOOR AREA = 590.14 SMT.
CONT REQD = 100 SMT. = 1 NOS. (20 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 4 CONT = 1 CONTAINER(80 LTRS CAP)
= 590.14 / 400
= 1.47 CONTAINER REQUIRED
SAY = 2 NOS CONTAINER REQUIRED
TOTAL C.B PROVIDED = 2 NOS OF 80 LTR CAP.

COMMON PLOT AREA CALC

5.13 + 14.45 / 2 x 34.13 = 334.13 SMT.
LESS
AS PER 'P' LINE = 35.05
= 334.13 - 35.05
COMMON PLOT AREA = 299.08 SMT.

PERCOLATING WELL CALC

PLOT AREA = 3642.00 SMT
4000.00 SMT = 1 NO PER WELL
= 3642.00 / 4000
= 0.91 NOS PER WELL REQD
1 NOS PER WELL PROVIDED

COLOUR NOTES:-

F.P. BOUNDRY
APPR. WORK
PROP WORK
PROP DRAINAGE
ROAD
COMMON PLOT
TREES / PER. WELL
CONTAINER
SPRINKLER

(RESI. AFFORDABLE HOUSING PROJECT) SHEET NO :- 1/4

LAY-OUT PLAN

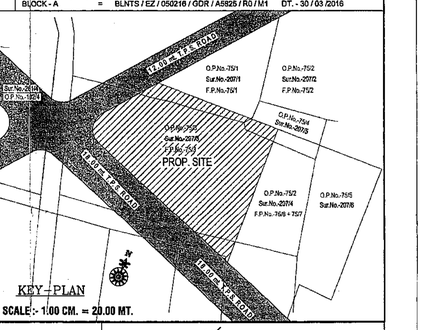
REVISED LAY OUT PLAN SHOWING (RESI.+COMM.) & RESIDENTIAL BUILDING
(AFFORDABLE HOUSING) ON F.P. NO.- 75/3 OF T.P.S NO :- 115(RAMOL)
(DRAFT SANCTIONED) (R. SURVEY NO. - 207 / 3 + 4 ; O.P.NO. - 75/3,
MOJE :- RAMOL, TAL :- VATVA, DIST.- AHMEDABAD . SCALE :- 1CM = 2.00 MT.

ZONE :- RESIDENCE - I (R1) BLOCK - B

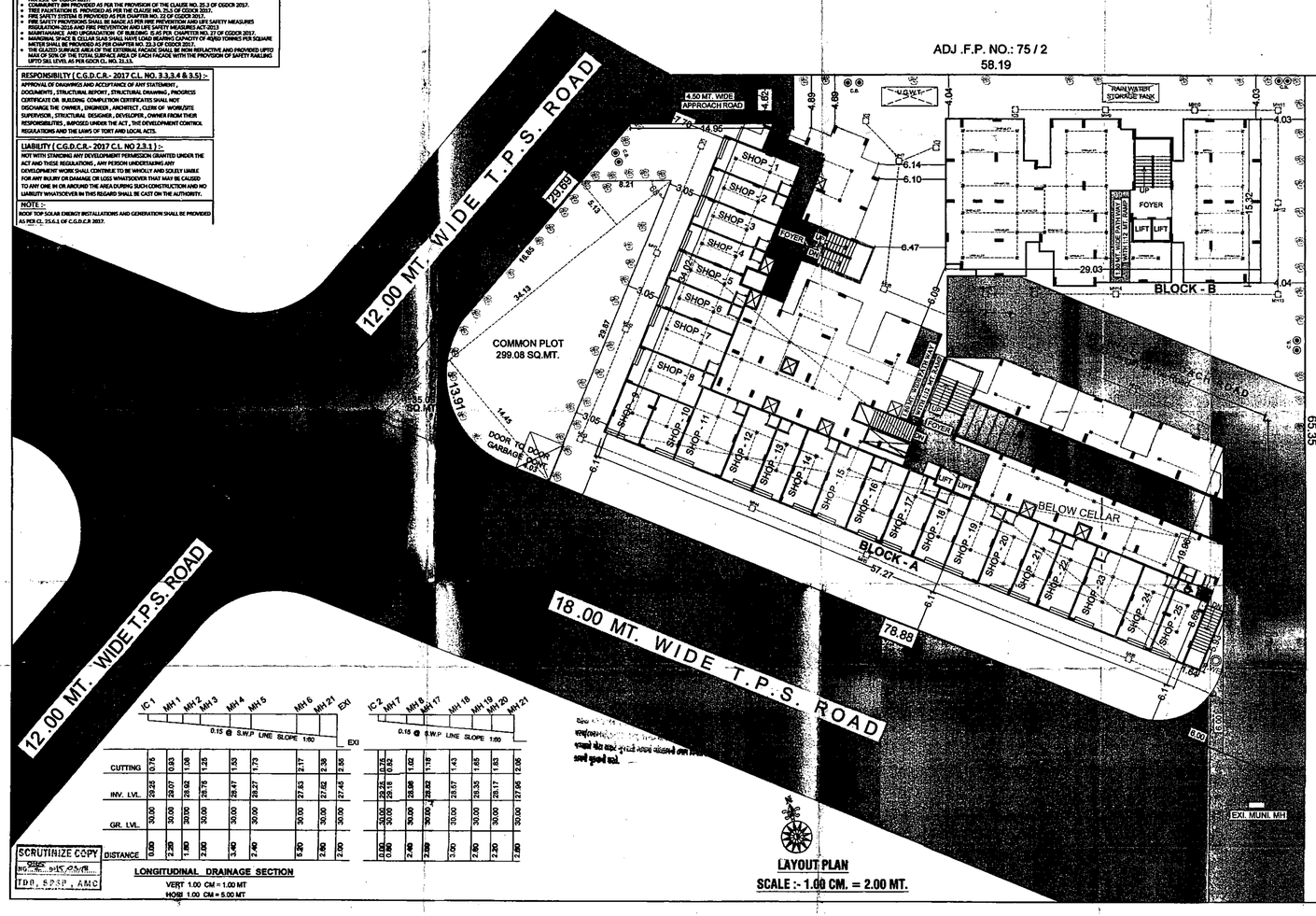
USE :- RESIDENTIAL AFFORDABLE HOUSING (RESI. + COMM. & RESIDENCE)

AREA TABLE IN SMT.	BLOCK - A APPR. AS PER G.D.C.R. - 2021	BLOCK - A REVI. AS PER G.D.C.R. - 2021	BLOCK - B PROP. AS PER C.G.D.C.R. - 2017	TOTAL PROP. + REVI.
PLOT AREA OF F.P. NO :- 75/3	3642.00	3642.00	3642.00	3642.00
AREA NOT IN POSSESION (as per Opinion)	85.00	—	—	—
NET PLOT AREA OF F.P. NO :- 75/3	3557.00	—	—	—
REQUIRED COMMON PLOT @ 8 %. OF TOTAL PLOT AREA	291.36	291.36	291.36	291.36
PROVIDED COMMON PLOT	299.08	299.08	299.08	299.08
BUILT UP AREA ON GROUND FLOOR	1235.03	1245.11	397.51	1642.62
TOTAL BUILT UP AREA	10305.20	10358.35	3255.86	13614.21
F . S . I AREA TABLE IN SMT.	**APPR.**	**REVI.**	**REVI.**	**PROP. + REVI.**
PLOT AREA OF F.P. NO :- 75/3	3642.00	3642.00	3642.00	3642.00
NET PLOT AREA OF F.P. NO :- 75/3	3557.00	—	—	—
PERMI. F.S.I. @ 1 : 1.8 OF PLOT AREA (3557.00 x 1.8)	6402.60	—	—	—
PERMI. F.S.I. @ 1 : 1.8 OF PLOT AREA (3642.00 x 1.8)	—	6555.60	6555.60	6555.60
PERMI. CHARGABLE F.S.I. 1:0.90 (3557.00 x 0.90)	3201.30	—	—	—
PERMI. CHARGABLE F.S.I. 1:0.90 (3642.00 x 0.90)	—	3277.80	3277.80	3277.80
TOTAL PERMISSIBLE + CHARGEABLE F.S.I.	9803.90	9833.40	9833.40	9833.40
TOTAL F. S. I. USED.	7092.86	7092.59	2523.15	9615.74
CHARGEABLE F.S.I.	**590.26**	—	—	**3060.14**

REFERENCE CASE NO :-
BLOCK - A = BLNTS / EZ / 050216 / GDR / A5825 / RO / M1 DT. - 30 / 03 /2016

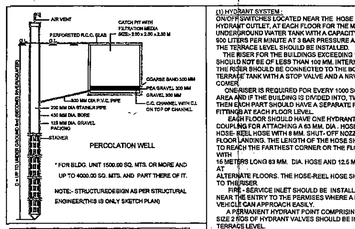


KEY - PLAN
SCALE :- 1.00 CM. = 20.00 MT.



LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

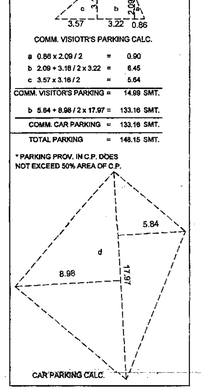
LONGITUDINAL DRAINAGE SECTION
VERT 1.00 CM = 1.00 MT
HOR 1.00 CM = 5.00 MT



* FOR BLDG. UNIT 1500.00 SQ. MTS. OR MORE AND UP TO 4000.00 SQ. MTS. AND PART THERE OF IT.

NOTE:- STRUCTURE DESIGN AS PER STRUCTURAL ENGINEER(THIS IS ONLY SKETCH PLAN)

PARKING AREA CALC. IN C.P.



COMM. VISIOTR'S PARKING CALC.

a 0.86 x 2.09 / 2	=	0.90
b 2.09 x 3.16 / 2 x 3.22	=	6.45
c 3.57 x 3.16 / 2	=	5.64
COMM. VISITOR'S PARKING =		14.99 SMT.
b 5.84 + 8.96 / 2 x 17.97 =		133.16 SMT.
COMM. CAR PARKING =		133.16 SMT.
TOTAL PARKING =		148.15 SMT.

* PARKING PROV. IN C.P. DOES NOT EXCEED 50% AREA OF C.P.

CAR PARKING CALC.

(1) HYDRANT SYSTEM :-
ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET. AT EACH FLOOR FOR THE MAIN FIRE PUMP AT UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 500 LITERS PER MINUTE AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
THE RISER FOR THE BUILDINGS EXCEEDING 18 METERS HEIGHT SHOULD NOT BE 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 A CONN-COMER.
ONE RISER IS REQUIRED FOR EVERY 1000 SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO, TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL.
EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 63 MM. DIA. HOSE , 33 MM. BORE HOSE- REEL HOSE WITH 8 MM. SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OR THE FLOOR. HOSE-BOX WITH
15 METERS LONG 63 MM. 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 PERMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
A PERMANENT HYDRANT POINT COMPRISING OF 63 MM DIA SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
OVERHEAD TANK REFILLING BY PASS CONNECTION SHOULD BE DONE AT THE TERRACE LEVEL.
THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 33,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.
(2) FIRE LIFT :-
THE FIREFIGHT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO 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 A MORE PARTS THEN EACH PART SHOULD HAVE A FIRE-LIFT. LIFT-WELL SHOULD HAVE BLOWER TO PRESSURIZE THE LIFT-WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATE. SO THAT IF 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 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO 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. CAPACITY ON EACH FLOOR AND 5 KG. DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ON ALTERNATE FLOOR IN CASE OF RESIDENTIAL BUILDINGS.
IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
(5) STAIRCASE :-
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING 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 BELOW OR ABOVE.
(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 / AUTO GLOW) SIGNAGES:-
IF THE BUILDING FALLS IN A CONFINED AREA OR OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRE-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL 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 FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. (I.E. FROM ELECTRICAL POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.
(9) IMPORTANT INSTRUCTIONS :
AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY , IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRED OR EQUIPEMENT (I.E. PASSIVE SYSTEM / SPRINKLER / EXTENDER ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GATHERING POTENTIAL / OCCUPANCY / CONFINED AREA , THOSE ADDITIONAL MEASURES / EQUIPEMENT HAVE TO BE IMPLEMENTED / INSTALLED.

(11) LEGEND :-

1 FIRE HYDRANT SYSTEM PIPE MAIN
2 SINGL HEADED HYDRANT VALVE
3 SLUICE VALVE
4 TWOWAY SIAMESE CONNECTION
5 ROSE CAP GRIP
6 NON RETURN VALVE
7 REDUCER
8 FIRE HOUSE BOX
9 HOSE REEL HOSE
10 D.C.P. & CO.2
11 HYDRAULT VALVE

SCHEDULE OF PUMPS AND EQUIPMENTS

SYMBOL	DESCRIPTION	NOS.	WORKING
F1	DIESEL ENGINE PUMP	1	1
F2	NOS FIRE PUMP (ELECTRIC OPERATED)	1	1
F3	JOCKEY PUMP (SOMBOX)	1	1
F4	SPRINKLER PUMP (ELECTRIC OPERATED)	1	1

SYMBOL DESCRIPTION
4.5 Kg CO2FIRE EXTINGUISHER
22.5 KG CO2 TYPE EXTINGUISHER
50 Ltr MECHINICAL FOAM TYPE
PRC
9 Ltr MECHINICAL FOAM TYPE
7 150Ø WET RISER
8 80ØDRAIN PIPE
9 150ØSPRINKLER RISER FOR UPPER FLOORS
10 150Ø MAKE UP LINE.
11 150ØSPRINKLER RISER FOR LIPPER BASEMENT
SPRINKLER HEAD (SIDE WALL)
SPRINKLER HEAD (PENDENT TYPE)

SHARANAM DEVELOPERS
Jitendrakumar K. Kotadiya & Partners
Mamal Nivas, Nr. Sindhvai Mata Temple,
Ramol Road, C.T.M., Ahmedabad-380 026.
AMC DEV LIC No.4861600220
DEVELOPER

શરણમ ડેવલપર્સ ના ભાગીદારો વતી
૧. જીતેન્દ્રભાઈ કરસનભાઈ કોટડીયા
૨. અમિતકુમાર પ્રવિણચન્દ્ર કડકિયા
OWNER

VIREN D. PARIKH
STRUCTURAL DESIGNER
LIC No.: SD03421810261
Reg. No. AUDA/SD-1289
402, Maulik Arcade,
Nr. Mansi Cross Road,
Vastrapur, Ahmedabad-380 015.
STR. ENGINEER

MILAP CHOKSHI
B.E. CIVIL
6, SHANTIKUNJ SOCIETY,
MANINAGAR, AHMEDABAD-8.
AMC/ER/LIC. : 0328091221R3
AMC/CW/LIC. : 0210041022R3
(GRADE-I)
ENGINEER FOR CIVIL WORK

SCRUTINIZE COPY
TDO, SPSP, AMC

Ahmedabad Municipal Corporation
Permission No. : BLNTS/EZ/050216/GDR/A5825/RO/M1 Zone: EAST
Plan Approved as per provisions of Gujarat Municipal Act and Rules framed in the Commencement Certificate of Building Permission
Raje Chitthi Number : 6400/2016/BP/EAST Name of Owner : Sharanam developers
Date : 19/10/2016
Sub Inspector (Civic Center) Asst. T.D.O./Asst. E.O. (Civic Center) R/K Tedvi By T.D.O. EAST J.S. PRAJAPATI By MC EAST partner AUTHORITY

(11) HYDRANT SYSTEM:
ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET, AT EACH FLOOR FOR THE MAIN FIRE PUMP AT GROUND FLOOR LEVEL SHALL BE PROVIDED AT A HEIGHT OF 1.5 METERS FROM THE FLOOR LEVEL.
THE DISTANCE LEVEL SHOULD BE INSTALLED.
THE RISER FOR THE BUILDINGS EXCEEDING 18 METRES HEIGHT SHOULD NOT BE OF LESS THAN 100 MM. INTERNAL DIAMETER. THIS RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A WAY TO ACT A DOWN-COMER.
ONE RISER IS REQUIRED FOR EVERY 1000 SQ. METERS PLUS ONE RISER FOR ANY FRACTION OF AREA DIVIDED. THE RISERS NOT LESS THAN EACH PART SHOULD HAVE A 100 MM RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL.
EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 63 MM. DIA. HOSE. 25 MM. BORE HOSE REEL HOSE WITH 8 MM. SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OF THE FLOOR. HOSE REEL WITH
15 METERS LONG 63 MM. DIA. HOSE AND 12.5 MM. BORE NOZZLE AT
ALTERNATE FLOORS. THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER.
FIRE SERVICE INLET (HOSE COUPLING) INSTALLED AT A POINT NEAREST TO THE ROAD OR THE PERIMETER WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
A PERMANENT HYDRANT POINT COMPRISING OF 63 MM DIA. SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
THE 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.
(12) EMERGENCY LIFT:
THE FIRE LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF ELECTRICAL FAILURE AND FIRE ALSO. SHOULD CONVERT INTO A WORKMAN LIFT. IF THERE IS ONLY ONE LIFT IT SHOULD BE DIVIDED INTO 2 WORKMAN LIFTS THEN EACH PART SHALL CHANGE A FIRE LIFT. WELL SHOULD HAVE SLOWED TO PRESSURIZE THE LIFT WELL. SO CONNECTED THAT IT WILL AUTOMATICALLY OPEN THE LIFTS WHEN ALARM CALL POINT IS OPERATED. SO THAT IT PREVENTS THE LIFT WELL GETTING SMOKE LOGGED.
(13) FIRE ALARM:
THE FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING.
(14) FIRE EXTINGUISHERS:
ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG WITH ISI MARK. TWO DRY CHEMICAL POWDER (DCP) TYPE CHEMICAL EXTINGUISHER OF 5 KG EACH 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 CAPACITY ON EACH FLOOR AND 5 KG DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ONLY. TERRACE FLOOR IN CASE OF RESIDENTIAL BUILDINGS.
IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHER INSTALLED.
(15) 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 BUILDING THEN 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 IT TO MAKE IT EASY TO APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.
(16) LIGHTNING ARRESTER:
A LIGHTNING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROVIDED TO PROTECT THE BUILDING FROM DAMAGE TO THE BUILDING FROM THE LIGHTNING STRIKES.
(17) AUTO LIGHT / EMERGENCY / AUTO GLOW LIGHT SIGNAGES:
IF THE BUILDING FALLS IN A CONFINED AREA OR IT IS HAS AN ENCLOSED PATHWAYS OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADEQUATE NUMBERS OF LUMINESCENT / AUTO GLOW / EMERGENCY SIGNS SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / CORRIDOR / HALL / ROOM / ROOF TO ENSURE EASY EVACUATION OF THE BUILDING. THIS SIGNAGE SHOULD ALSO BE USED FOR FIRE FIGHTING, FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DRAG - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
(18) ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE - SAFETY SYSTEM:
ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT CIRCUIT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. I.E. FROM ELECTRICAL POWER SUPPLY OF THE COMPANY. THIS IS TO ENSURE EVACUATION OF PEOPLE IN CASE OF FIRE. ALSO THE ELECTRICAL SUPPLY TO THE FIRE PUMP EVEN AFTER THE ELECTRICAL SUPPLY TO FIRE BUILDING IS SWITCHED OFF THE TIME OF FIRE.
(19) IMPORTANT INSTRUCTIONS :-
AFTER INSPECTION OF A LOW RISE BUILDING BY THE FIRE SERVICES AUTHORITY THE FIRE SAFETY PROVISIONS CONSIDERED FEEL THE NEED FOR ADDITIONAL FIRE PROTECTION SYSTEM. THE FIRE SAFETY MEASURES ARE REQUIRED ON THE BASIS OF PASSIVE SYSTEM (SPRINKLER) ORIGINATED STILL LAB FIRE PURE LOAD / FIRE RISK / PUBLIC GATHERING POTENTIAL OCCUPANCY (CONFINED) AREA, HAZOUR ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE MADE MANDATORY MANDATORY.

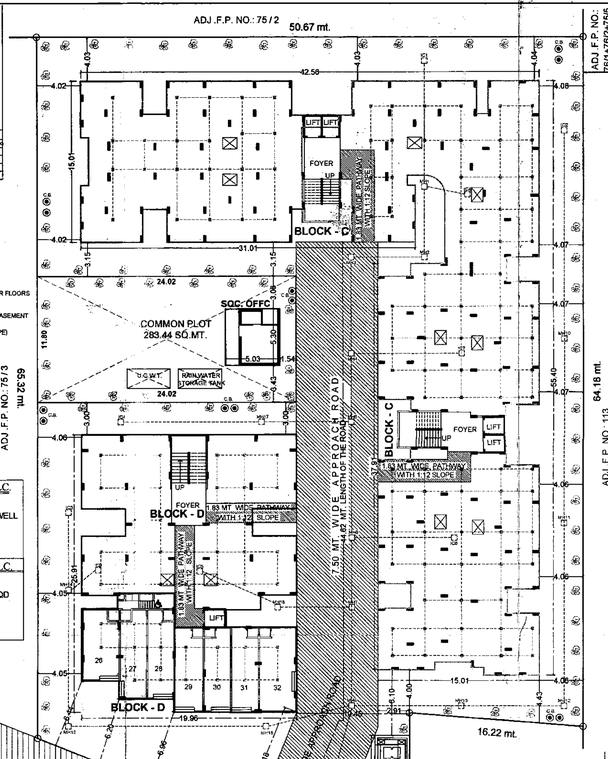
1	FIRE HYDRANT SYSTEM PIPE MAIN
2	SINGEL HEADED HYDRANT VALVE
3	SLUICE VALVE
4	TWOWAY GUMED CONNECTION
5	FOOT ON DROP
6	NON RETURN VALVE
7	FOOT VALVE
8	FIRE HOUSE BOX
9	HOSE REEL HOSE
10	D.C.P. 50/2
11	HYDRANT VALVE

SCHEDULE OF PUMPS AND EQUIPMENTS

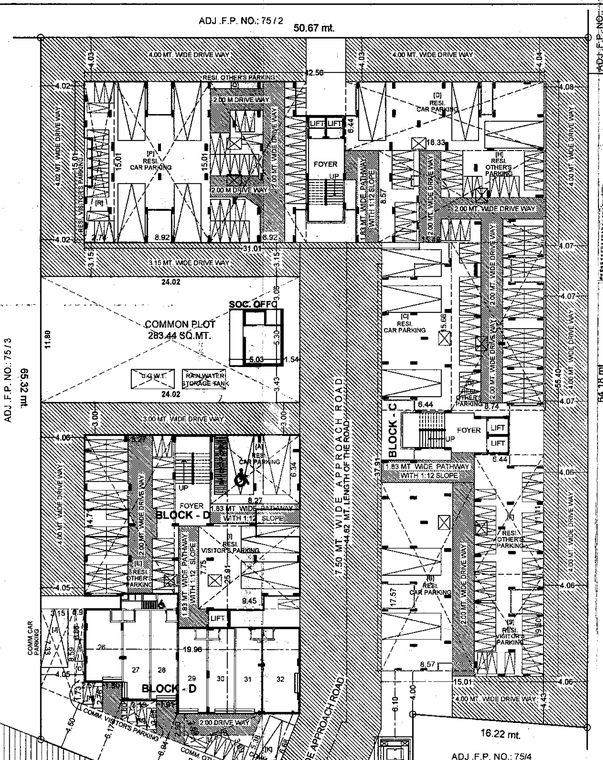
SYMBOL	DESCRIPTION	FLOW		WORKING
F1.	DIESEL ENGINE PUMP			
F2.	VERTICAL PUMP (ELECTRIC OPERATED)	1	1	1
F3.	JOCKEY PUMP (COMMON)	1	1	1
F4.	SPRINKLER PUMP (ELECTRIC OPERATED)	1	1	1

LEGEND:-
4.5 Kg CO2FIRE EXTINGUISHER
22.5 Kg CO2 TYPE EXTINGUISHER
50 Ltr MECHINICAL FOAM TYPE
FMC
9 Ltr MECHINCAL FOAM TYPE

SYMBOL	DESCRIPTION
D	150Ø WET RISER
R	100Ø DRAIN PIPE
S	150ØSPRINKLER RISER FOR UPPER FLOORS
M	150Ø MAKE UP LINE.
S	150ØSPRINKLER RISER FOR UPPER BASEMENT SPRINKLER HEAD (SIDE WALL) SPRINKLER HEAD (PENDENT TYPE)



LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.



PARKING LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

PERCOLATING WELL CALC

PLOT AREA = 3521.00 SMT
4000.00 SMT = 1 NO PER WELL
= 3521.00 / 4000
= 0.88 NOS PER WELL REQD
1 NOS PER WELL PROVIDED

TREE PLANTATION CALC.

PLOT AREA = 3521.00 SMT
200.00 SMT = 3 NO TREES REQD
= 3521.00 x 3 / 200
= 52.81 NOS TREES REQD
63 NOS TREES PROVIDED

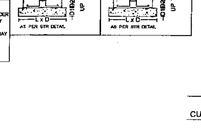
SANITARY PROVISION TABLE (COMMERCIAL)

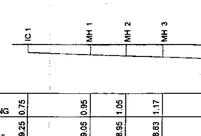
COMM. F.S.I AREA ON GR. FL IN BLOCK - D = 166.78 SQ.MTS.
166.78 / 4.00 SQMTS = 41.69 (SAY) 42 USER

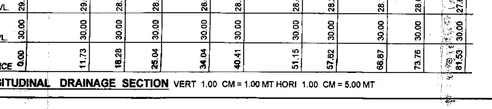
REQ :-
01 TO 100 USER = 1 URI PER 25 MALE AND 1 WC PER 25 USER OR LESS PER GENDER
100 - 200 USER = 2 WC FOR EACH GENDER
..... PERSONS FOR MALE
COMMON URINAL PROVISION 25 % OF TOTAL W.C. & URINAL.
1 URINAL , 1 W.C. FOR EACH GENDER
PROVIDED :-
COMMON - (1 W.C. FOR LADIES + 1 W.C. FOR GENTS + 1 FIFF. HANDICAP TOILET) = 3 W.C./ TOILET
SEOP - = 3 W.C. / TOILET.

NOTES:-
- ENGINEER IS RULE FI EXPOSING SLI TOTAL DRAWING OPEN STAGE AND MANGUN.
- ALL DIMENSIONS TO BE TAKEN ON FIELD. DIMENSIONS SHOWN ON DRAWING TO BE VERIFIED BY ARCHITECT ON SITE AND PERMISSION OBTAINED BEFORE ACTUAL WORK.
- IT IS CERTIFY THAT ACCORDING TO G.D.C.R. 2021 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 6.3.5 OF G.D.C.R. 2021, THE DESIGN OF THE BUILDING IS MADE AS PER THE NATIONAL BUILDING CODE.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.12 AND 23.1.6 AND 24.5.0F G.D.C.R 2021.
- POCKET TRAP, BAR IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.5 OF G.D.C.R 2021.
- SEWAGE SYSTEM IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.5 OF G.D.C.R 2021.
- SEPARATE LATRIN BLOCK IS PROVIDED AT GROUND FLOOR FOR EACH UNIT.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.6.
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO. 23.6.2
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10
- DIMENSIONS OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE G.D.C.R. 2021.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.7.2 OF G.D.C.R 2021. THE PAYING OF BUILDING LAND/TRIAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.8 OF G.D.C.R 2021.
- THE LIFT IN THE BUILDING IS TO BE INSTALLED AS PER THE PROVISION OF THE INDIAN STANDARD NO. 14.14.1 NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER CLAUSE NO. D 7.2 OF G.D.C.R. 2021.
- CLEANLINESS IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.1.0 OF G.D.C.R. 2021.
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5.0 F G.D.C.R. 2021.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.6.0 F THE G.D.C.R. 2021.
- MAINTENANCE AND UNDERTAKTION OF BUILDING IS AS PER CHAPTER NO. 28 OF G.D.C.R. 2021.

RESPONSIBILITY (G.D.C.R. -2021 C.L. NO. 4.3,4.4 & 4.5)
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR SUBJAWS, COMPLETION CERTIFICATES ETC. BY THE COMPETENT AUTHORITY OR ANY OFFICER THEREOF SHALL IN NO WAY RELIEVE THE ARCHITECT, STRUCTURAL DESIGNER, DEVELOPER/OWNER FROM THEIR RESPONSIBILITIES IMPOSED UNDER THE ACTS, RULES, THE D.C.R., THE BYE-LAWS, REGULATIONS AND THE LAWS OF FORT AND LOCAL ACTS.
LIABILITY (G.D.C.R. -2021 C.L. NO.3.3.1)
NOT WITH STANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.







LONGITUDINAL DRAINAGE SECTION VERT 1.00 CM = 1.00 MT HORI 1.00 CM = 5.00 MT

PARKING AREA CALCULATION

PLOT AREA OF F.P. NO.:- 75/6 + 75/7 = 3521.00 smt.
PERMI F.S.I AREA @ 1.8 = 6337.80 smt.
TOTAL USED F.S.I = 8838.21 smt.
TOTAL COMM F.S.I AREA (COMM) = 166.76 smt.

A.....REQ PARKING FOR COMMERCIAL
50 % PARKING OF F.S.I
166.76 x 0.50 = 83.38 SMT.

50 % CAR PARKING	=	41.69
30 % OTHERS PARKING	=	25.01
20 % VISITORS PARKING	=	16.68
TOTAL PARKING	=	83.38

BALANCE RESI F.S.I AREA
TOTAL USED F.S.I - SOLID PLINTH F.S.I
= 8838.21 - 166.76
= 8671.45 smt.

B.....REQ PARKING FOR BALANCE RESI F.S.I
10 % PARKING OF BALANCE RESI F.S.I
= 0.10 x 8671.45 = 867.15 SMT.

50 % CAR PARKING	=	433.58 smt.
40 % OTHER'S PARKING	=	346.86 smt.
TOTAL PARKING	=	780.44 Smt.

NOW AN ADDITIONAL 20% VISITOR'S PARKING
REQ. PARKING 867.15 x 0.20 % FOR VISITOR'S PARKING
REQ. VISITOR'S PARKING = 173.43 SMT.

TOTAL REQUIRED PARKING = A + B

		COMM.	+	RESI.		TOTAL
CAR	=	41.69	+	433.58	=	475.27 smt.
SCTR/CYCLE	=	25.01	+	346.86	=	371.87 smt.
VISITORS	=	16.68	+	173.43	=	190.11 smt.
TOTAL	=	83.38	+	953.87	=	1037.25 smt.

DESCRIPTION	COMM. PARKING REQ.	COMM. PARKING PROV.	RESI. PARKING REQ.	RESI. PARKING PROV.	TOTAL PARKING REQUIRED	TOTAL PARKING PROVIDED
CAR PARKING	41.69	44.67	433.58	555.78	475.27	600.45
OTHERS PARKING	25.01	25.60	346.86	596.70	371.87	622.30
VISITORS PARKING	16.68	19.72	173.43	175.55	190.11	195.27
TOTAL	83.38	89.99	953.87	1328.03	1037.25	1418.02

COLOUR NOTES :-
F.P. BOUNDRY
APPR. WORK
PROP WORK
PROP DRAINAGE
ROAD
COMMON PLOT
TREES
PER WELL
CONTAINER

COMM. PROVI. PARK AREA CALC.

CAR PARKING AREA CALC.
J) 7.73 + 9.59 / 2 x 1.8 = 25.07 SQ.MT.
K) 5.36 + 6.69 / 2 x 3.25 = 19.60 SQ.MT.
= 44.67 SQ.MT.
OTHER'S PARKING AREA CALC.
L) 2.05 + 3.89 / 2 x 7.78 = 25.60 SQ.MT.
VISITOR'S PARKING AREA CALC.
M) 1.80 + 3.08 / 2 x 3.19 = 7.78 SQ.MT.
N) 1.73 + 2.76 / 2 x 2.57 = 5.77 SQ.MT.
O) 0.90 x 6.85 = 6.17 SQ.MT.
= 19.72 SQ.MT.
TOTAL PARKING PROVIDED = 89.99 SQ.MT.

RESI. PROVI. PARK AREA CALC.

CAR PARKING AREA CALC.
A). 8.27 x 6.34 = 52.43 SQ.MT.
B). 8.57 x 17.57 = 150.57
C). 6.44 x 15.66 = 100.85
D). 18.33 x 6.44 = 118.04
E). 8.92 x 15.01 = 133.89
TOTAL = 555.78 SQ.MT.
OTHER'S PARKING AREA CALC.
E). 8.27 x 14.71 = 121.65 SQ.MT.
F). 6.44 x 11.11 = 71.55
G). 8.74 x 15.66 = 136.88
H). 15.49 x 8.57 = 132.75
Q). 8.92 x 15.01 = 133.89
TOTAL = 596.70 SQ.MT.
VISITOR'S PARKING AREA CALC.
I). 9.45 x 7.75 = 73.24
R). 2.74 x 15.01 = 41.13
S). 6.44 x 9.50 = 61.18
TOTAL = 175.55 SQ.MT.
TOTAL PARK. PROVIDED = 1328.03 SQ.MT.

COMMON PLOT AREA CALC

24.02 x 11.80 = 283.44 SMT.
COMMON PLOT AREA = 283.44 SMT.

CONSTRUCTION IN COMMON PLOT

PLOT AREA OF F.P. NO :- 75/6 + 75/7	3521.00
REQ. COMMON PLOT	281.68
PROP. COMMON PLOT	283.44

COMMON PLOT
AREA OF COMMON PLOT = 283.44 SMT.
283.44 x 0.15 = 42.52 SMT.
PERMI. G.A. @ 15 % OF C.P. AREA = 42.52 SMT.
PROP. BUILT UP AREA OF " SOCIETY OFFICE " = 26.66 SMT.
CONSTRUCTION IN COMMON PLOT = 26.66 SMT.

CONTAINER BIN CALC (RESIDENCE)

TOTAL NOS OF UNIT = 189 NOS
CONT REQ = 1 UNIT = 1 NOS. (10 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 8 UNIT = 1 CONT (80 LTRS CAP)
= 189 NOS UNITS / 8
= 23.63 CONTAINER REQUIRED
SAY = 24 NOS CONTAINER REQUIRED
24 NOS CONTAINER PROVIDED OF 80 LTR CAP.

CONTAINER BIN CALC (COMMERCIAL)

TOTAL FLOOR AREA = 166.71 SMT.
CONT REQD = 100 SMT. = 1 NOS. (20 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 4 CONT = 1 CONTAINER(80 LTRS CAP)
= 166.71 / 400
= 0.41 CONTAINER REQUIRED
SAY = 1 NOS CONTAINER REQUIRED
TOTAL C.B PROVIDED = 1 NOS. OF 80 LTR CAP.

1	PLOT AREA	3521.00
2	PERMISSIBLE FSI	6337.80
3	PERMISSIBLE CHARGEBLE FSI	3168.90
4	MAX. PERMISSIBLE F.S.I. (2+3)	9506.70
5	TOTAL UTILISED F.S.I	8838.21
6	UTILISED CHARGEBLE F.S.I. (5-2)	2500.41
7	MAX. PERMISSIBLE F.S.I. COMMERCIAL	883.83

GRAND TOTAL DETAIL

Sr.	Dwelling Unite Type	NO. OF Unit	Used F.S.I.	% USD F.S.I.	Chargeble F.S.I.
A	COMMERCIAL UNIT	7	166.76	1.89	47.38
B	Up 50 sq.mt	140	5645.08	63.87	1597.04
C	more than 50 and up to 66	49	2859.73	33.34	833.46
D	more than 66 and up to 80	0	0	0.00	0.00
E	With Aff. F.S.I (40% slab)	0	26.66	0.30	7.54
	TOTAL	196	8698.23	100.00	2485.41

BLOCK	COMM./ FSI	RESI	TOTAL	No. Of Com. Unit	RESIDENTIAL Dwelling Unit Up 50 sq.mt			RESIDENTIAL Dwelling Unit more than 50 sq.mt and up to 66 sq.mt			Dwelling Unit more than 66 sq.mt and up to 80 sq.mt			OTHER F.S.I.		COMM F.S.I.	
					No. Of Unit	F.S.I. AREA	% USED F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	USED F.S.I.	% OF USED F.S.I.	USED F.S.I.	% OF USED F.S.I.
D	166.76	2601.13	2767.89	7	0	0.00	0.00	42	2601.13	93.99	0	0.00	0.00	0.00	0.00	166.76	6.02
C		6043.66	6043.66	0	140	5645.08	93.40	7	398.58	6.60	0	0.00	0.00	0.00	0.00	0.00	0.00
Sco.Off	26.66	0.00	26.66	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	26.66	100.00	0.00	0.00
TOTAL	193.42	8644.79	8838.21	7	140	5645.08	63.87	49	2999.71	33.94	0	0.00	0.00	26.66	0.30	166.76	1.89

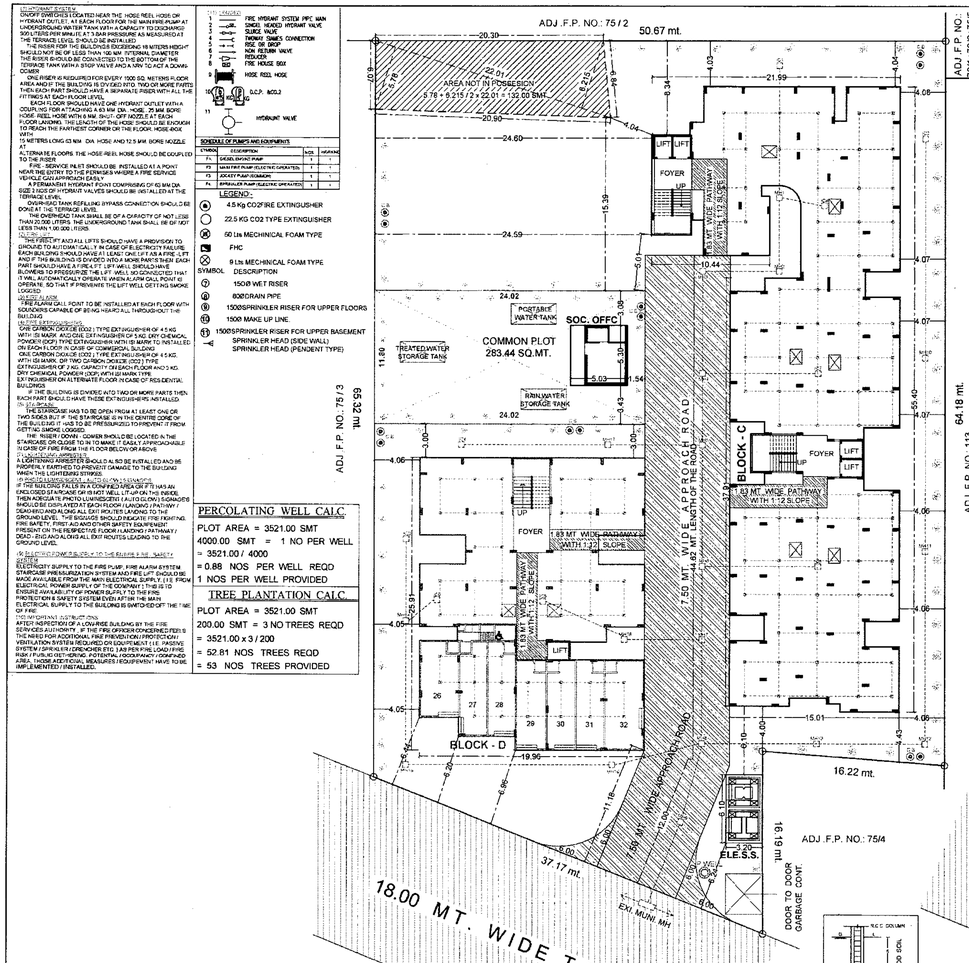
BUILT UP AREA TABLE	IN SQ.MTS.							
FLOOR	BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL		
	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	
GROUND	813.77	1103.36	481.04	19.52	28.66	1320.99	1610.60	
1st. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
2nd. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
3rd. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
4th. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
5th. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
6th. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
7th. FLOOR	813.77	1103.36	448.34	---	---	1262.11	1551.72	
STAIR CABIN	74.86	78.26	42.35	---	---	117.21	120.61	
G.H.W.T. & L.M.R.	50.74	50.92	30.06	---	---	80.83	81.01	
TOTAL	6635.76	8950.22	3671.86	19.52	28.66	10353.50	12674.26	

F.S.I. AREA TABLE	IN SQ.MTS.							
FLOOR	BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL		
	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	
GROUND	---	166.76	---	---	26.66	193.42	193.42	
1st. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
2nd. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
3rd. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
4th. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
5th. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
6th. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
7th. FLOOR	621.36	863.38	371.59	---	---	992.95	1234.97	
TOTAL	4349.52	6043.66	2767.89	---	26.66	7144.07	8838.21	

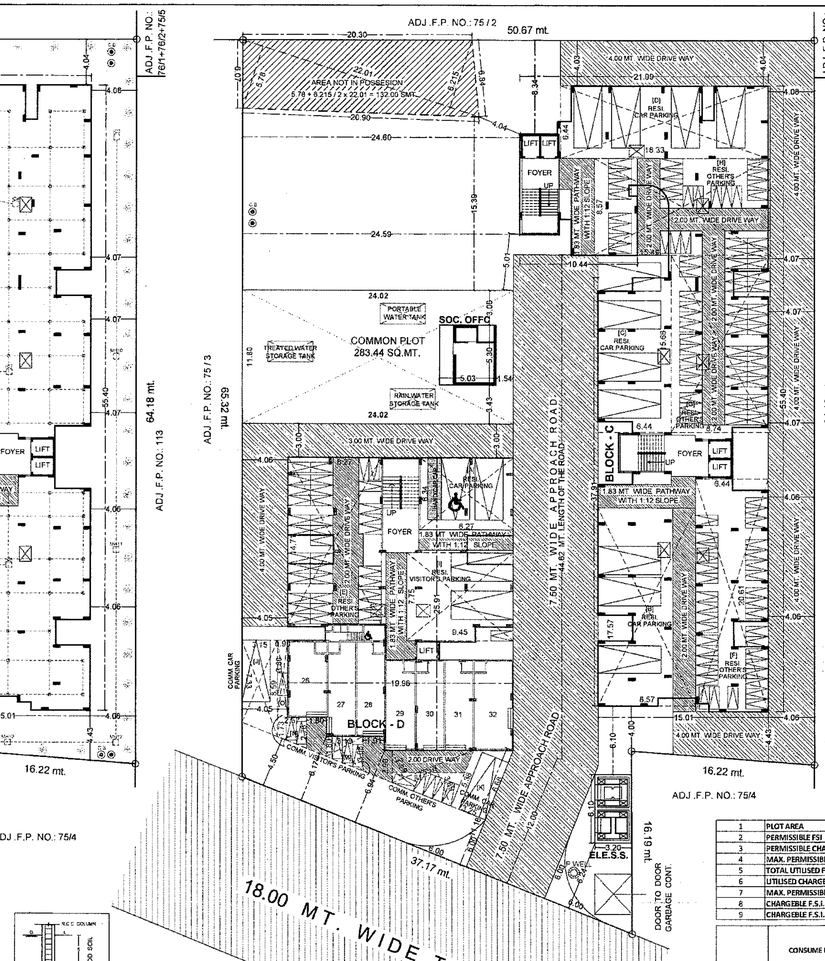
UNIT AND FLOOR AREA TABLE																														
FLOOR	USE					UNIT						FLOOR AREA IN SQ.MTS.																		
	BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL		BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL		BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL		BLOCK C		BLOCK D	ELE.S.S.	SOC. OFFC.	TOTAL	
	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.	APPR.	REVI.	APPR.	APPR.	APPR.	APPR.	REVI.
GROUND	PARK	COMM.+ PARK.	---	---	---	---	---	---	---	---	07 COMM.	07 COMM.	---	---	166.76	---	26.66	193.42	193.42	---	---	---	---	---	---	---	---	---	---	---	---	---
1st. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
2nd. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
3rd. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
4th. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
5th. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
6th. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
7th. FLOOR	RESI.	RESI.	RESI.	---	---	15 RESI.	21 RESI.	06 RESI.	---	---	21 RESI.	27 RESI.	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97	621.36	863.38	371.59	---	---	992.95	1234.97
TOTAL	RESI.+ PARK.	COMM.+ PARK.	---	---	---	105 RESI.	147 RESI.	07 COMM.+ 42 RESI.	---	---	07 COMM.+ 147 RESI.	07 COMM.+ 189 RESI.	4349.52	6043.66	2767.89	---	26.66	7144.07	8838.21	---	---	---	---	---	---	---	---	---	---	---	---	---

(RESI. AFFORDABLE HOUSING PROJECT) LAY-OUT PLAN
(SHEET :- 1/3)

REVISED LAY- OUT PLAN SHOWING (RESI.+COMM) RESIDENTIAL AFFORDABLE HOUSING BUILDING ON F.P. NO.:- 75/6 + 75/7 OF T.P.S NO :- 115(RAMOL) (DRAFT SANCTIONED) [R. SURVEY NO. - 207/7,207/8 ; O.P.NO. - 75 / 6 ,75 / 7] MOJE :- RAMOL,TAL :- VATVA , DIST - AHMEDABAD
SCALE :- 1CM = 2.00 MT.
ZONE :- RESID



LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.



PARKING LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.

PARKING AREA CALCULATION

NET PLOT AREA OF F.P. NO :- 75/6 + 75/7 = 3389.00 smt.
PERMI F.S.I AREA @ 1.8 = 6100.20 smt.
TOTAL USED F.S.I = 7144.07 smt.
TOTAL COMM F.S.I AREA (COMM) = 166.76 smt.

A.....REQ PARKING FOR COMMERCIAL
50 % PARKING OF F.S.I
166.76 x 0.50 = 83.38 SMT.

50 % CAR PARKING = 41.69
30 % OTHERS PARKING = 25.01
20 % VISITORS PARKING = 16.68
TOTAL PARKING = 83.38

BALANCE RESI F.S.I AREA
TOTAL USED F.S.I - SOLID PLINTH F.S.I
= 7144.07 - 166.76
= 6977.31 smt.

B.....REQ PARKING FOR BALANCE RESI F.S.I
10 % PARKING OF BALANCE RESI F.S.I
= 0.10 x 6977.31 = 697.73 SMT.

50 % CAR PARKING = 348.87 smt.
50 % OTHER'S PARKING = 348.87 smt.
TOTAL PARKING = 697.74 smt.

NOW AN ADDITIONAL 10% VISITOR'S PARKING
REQ. PARKING 697.74 x 0.10 % FOR VISITOR'S PARKING
REQ. VISITOR'S PARKING = 69.77 SMT.
TOTAL REQUIRED PARKING = A + B

	COMM.		RESI.		TOTAL
CAR	= 41.69	+	348.87	=	390.56 smt.
SCTR/CYCLE	= 25.01	+	348.87	=	373.88 smt.
VISITORS	= 16.68	+	69.77	=	86.45 smt.
TOTAL	= 83.38	+	767.51	=	850.89 smt.

(RESI. AFFORDABLE HOUSING PROJECT)

LAY-OUT PLAN

LAY OUT PLAN SHOWING PROP.(RESI.+COMM.) (RESI. AFFORDABLE HOUSING) BUILDING ON R. SURVEY NO.: 200/7, 207/8 ,F.P.NO.: 75/6 + 75/7, O.P. NO.: 75/6 , 75/7, DRAFT T. P. S. NO.: 115 (RAMOL), AT:- RAMOL, TA.: VATVA, (DIST:- AHMEDABAD.

SCALE :- 1CM = 2.00 MT.

ZONE :- RESIDENCE - I — BLOCK - D

USE :- RESIDENTIAL AFFORDABLE HOUSING (RESI. + COMM.)

AREA TABLE	(SMT.)
PLOT AREA OF F.P. NO :- 75/6 + 75/7	3521.00
AREA NOT IN POSSESION	132.00
NET PLOT AREA OF F.P. NO :- 75/6 + 75/7	3389.00
REQUIRED COMMON PLOT @ 8 % OF TOTAL PLOT AREA	281.68
PROVIDED COMMON PLOT	283.44
PROP BUILT UP AREA ON GROUND FLOOR	1320.99
PROP TOTAL BUILT UP AREA	10353.60

F. S. I AREA TABLE (SMT.)	
PLOT AREA OF F.P. NO :- 75/6 + 75/7	3521.00
NET PLOT AREA OF F.P. NO :- 75/6 + 75/7	3389.00
PERMI. F.S.I. @ 1 : 1.8 OF PLOT AREA (3389.00 x 1.8)	6100.20
PERMI. CHARGABLE F.S.I. 1:0.90	5050.10
TOTAL PERMISSIBLE F.S.I.	9150.30
TOTAL F.S.I. USED.	7144.07
CHARGEABLE F.S.I.	1043.87

DESCRIPTION	COMM. PARKING REQ.	COMM. PARKING PROV.	RESI. PARKING REQ.	RESI. PARKING PROV.	TOTAL PARKING REQUIRED	TOTAL PARKING PROVIDED
CAR PARKING	41.69	44.67	348.87	421.89	390.56	466.56
OTHERS PARKING	25.01	25.60	348.87	523.99	373.88	549.59
VISITORS PARKING	16.68	19.72	69.77	73.24	86.45	92.96
TOTAL	83.38	89.99	767.51	1019.12	850.89	1109.11

COLOUR NOTES:-
F.P. BOUNDRY
AREA NOT IN POSSESION
PROP. WORK
PROP. DRAINAGE
ROAD
COMMON PLOT
TREES PER WEUL
CONTAINER

COMM. PROVI. PARK. AREA CALC.

CAR PARKING AREA CALC.
J). 7.33 + 6.59 / 2 x 3.19 = 25.07 SQ.MT.
K). 5.38 + 6.68 / 2 x 3.25 = 19.60 SQ.MT.
= 44.67 SQ.MT.

OTHER'S PARKING AREA CALC.
L). 2.69 + 3.89 / 2 x 7.78 = 25.60 SQ.MT.

VISITOR'S PARKING AREA CALC.
M). 1.80 + 3.08 / 2 x 3.19 = 7.78 SQ.MT.
N). 1.73 + 2.76 / 2 x 2.57 = 5.77 SQ.MT.
O). 0.00 x 9.86 = 6.17 SQ.MT.
= 19.72 SQ.MT.

TOTAL PARKING PROVIDED = 89.99 SQ.MT.

RESI. PROVI. PARK. AREA CALC.

CAR PARKING AREA CALC.
A). 8.27 x 5.34 = 52.43 SQ.MT.
B). 8.57 x 17.57 = 150.57
C). 8.44 x 15.06 = 100.85
D). 18.33 x 6.44 = 118.04
= TOTAL = 421.89 SQ.MT.

OTHER'S PARKING AREA CALC.
E). 8.27 x 14.71 = 121.65 SQ.MT.
F). 6.44 x 20.61 = 132.73
G). 8.74 x 15.66 = 136.86
H). 15.49 x 8.57 = 132.75
TOTAL = 523.99 SQ.MT.

VISITOR'S PARKING AREA CALC.
I). 9.45 x 7.75 = 73.24
TOTAL = 73.24 SQ.MT.

TOTAL PARK. PROVIDED = 1019.12 SQ.MT

CONSTRUCTION IN COMMON PLOT

PLOT AREA OF F.P. NO :- 75/6 + 75/7 3521.00
REQ. COMMON PLOT 281.68
PROP. COMMON PLOT 283.44

COMMON PLOT
AREA OF COMMON PLOT = 283.44 SMT.
283.44 x 0.15 = 42.52 SMT.
PERMI B @ 15 % OF C.P. AREA = 42.52 SMT.
PROP BUILT UP AREA OF " SOCIETY OFFICE " = 28.66 SMT.
CONSTRUCTION IN COMMON PLOT = 28.66 SMT.

CONTAINER BIN CALC. (RESIDENCE)

TOTAL NOS OF UNIT = 147 NOS
CONT REQ = 1 UNIT = 1 NOS. (10 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 8 UNIT = 1 CONT (80 LTRS CAP)
= 147 NOS UNITS / 8
= 18.37 CONTAINER REQUIRED
SAY = 19 NOS CONTAINER REQUIRED
19 NOS CONTAINER PROVIDED OF 80 LTR CAP.

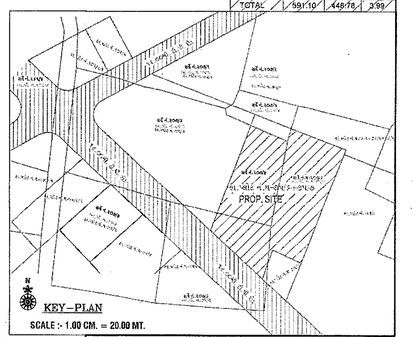
CONTAINER BIN CALC. (COMMERCIAL)

TOTAL FLOOR AREA = 166.76 SMT.
CONT REQD = 100 SMT. = 1 NOS. (20 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 4 CONT = 1 CONTAINER(80 LTRS CAP)
= 166.71 / 400
= 0.41 CONTAINER REQUIRED
SAY = 1 NOS CONTAINER REQUIRED
TOTAL C.B PROVIDED = 1 NOS OF 80 LTR CAP.

COMMON PLOT AREA CALC.

24.32 x 11.80 = 283.44 SMT.
COMMON PLOT AREA = 283.44 SMT.

CHARGEABLE F.S.I. AREA TABLE				
BLOCK	FTO GO	GO TO GF	GF TO FO	
C	591.10	59.63	-	
D	-	389.15	-	
CLUB HOUSE			3.99	
TOTAL	591.10	448.78	3.99	



PERCOLATING WELL CALC.

PLOT AREA = 3521.00 SMT
4000.00 SMT = 1 NO PER WELL
= 3521.00 / 4000
= 0.88 NOS PER WELL REQD
1 NOS PER WELL PROVIDED

TREE PLANTATION CALC.

PLOT AREA = 3521.00 SMT
200.00 SMT = 3 NO TREES REQD
= 3521.00 x 3 / 200
= 52.81 NOS TREES REQD
= 53 NOS TREES PROVIDED

1	PLOT AREA		3389.00
2	PERMISSIBLE FSI		6100.20
3	PERMISSIBLE CHARGEBLE FSI		3050.10
4	MAX. PERMISSIBLE F.S.I. (2+3)		9150.30
5	TOTAL UTILUSED F.S.I		7144.07
6	UTILISED CHARGEBLE F.S.I. (5-2)		1043.87
7	MAX. PERMISSIBLE F.S.I. COMMERCIAL		714.41
8	CHARGEBLE F.S.I. COMMERCIAL		0.00
9	CHARGEBLE F.S.I. RESIDENTIAL		1043.87

GRAND TOTAL DETAIL

Sr. No	Dwelling Unite Type	NO. OF Unit	Used F.S.I.	% USED F.S.I.	Chargeble F.S.I.
A	COMMERCIAL UNIT	7	166.76	2.33	0.00
B	Up 50 sq.mt	98	3950.94	55.30	591.10
C	more then 50 and up to 66	49	2999.71	41.99	448.78
D	more then 66 and up to 80	0	26.66	0.37	3.99
E	With. Aff. F.S.I. (40% slab)	0	0	0.00	0.00
	Grand Total	154	7144.07	100.00	1043.87

BLOCK	CONSUME F.S.I.			Prop. Charg. F.s.I. comm	Prop. Charg. F.s.I. Resi	PROP. CHARG. F.S.I.	No. Of Com. Unit	RESIDENTIAL Dwelling Unit Up 50 sq.mt				RESIDENTIAL Dwelling Unit more then 50 sq.mt and up to 66 sq.mt				Dwelling Unit more then 66 sq.mt and up to 80 sq.mt & Other F.S.I. (Store)			
	COMM	RESI	TOTAL					No. Of Unit	F.S.I. AREA	% USED F.S.I.	Charg. F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	Charg. F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	Charg. F.S.I.
D	166.76	2601.13	2767.89	D	389.15	389.15	7	0	0.00	0.00	0.00	42	2601.13	100.00	389.15	0	0.00	0.00	0.00
C	0.00	4349.52	4349.52	D	650.73	650.73	0	98	3950.94	90.84	591.10	7	398.58	9.16	59.63	0	0.00	0.00	0.00
Soc.Office	0	26.66	26.66	D	3.99	3.99	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0	26.66	100.00	3.99
TOTAL	166.76	6977.31	7144.07	0.00	1043.87	1043.87	7	98	3950.94		591.10	49.00	2999.71		448.78	0.00	26.66	100.00	3.99

SANITARY PROVISION TABLE (COMMERCIAL)

COMM. F.S.I AREA ON GR. FL IN BLOCK - D = 166.76 SQ.MTS.
166.76 / 4.00 SQMTS = 41.69 (SAY) 42 USER

REQ:-
21 TO 100 USER - 1 URI PER 25 MALE AND 1 WC PER 25 USER OR LESS PER GENDER
REQ: 2 W.C. FOR EACH GENDER
2 URINALS FOR MALE
COMMON SANITARY PROVISION 25 % OF TOTAL W.C. & URINAL.
1 URINAL , 1 W.C. OF EACH GENDER

PROVIDED:-
COMMON - (1 W.C. FOR LADIES + 1 W.C. FOR GENTS + 1 PRP. HANDICAP TOILET) = 3 W.C./ TOILET
BKCP = 3 W.C. / TOILET.

RESPONSIBILITY (G.D.C.R. -2021 C.L. NO. 4,3,4,4,4,5)
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT , STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OF BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER , ENGINEER, ARCHITECT, CLERK OF WORKS IN SUPERVISION, STRUCTURAL DESIGNER, DEVELOPER OWNER FROM THEIR RESPONSIBILITIES IMPOSED UNDER THE ACT , THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TOWN AND LOCAL ACTS.

LIABILITY (G.D.C.R. -2021 C.L. NO. 3.3.1)
NOT WITH STANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

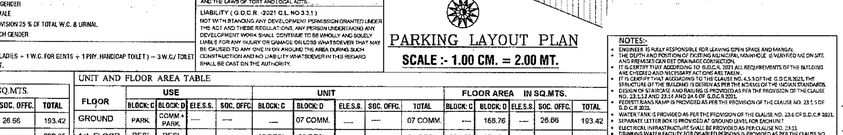
NOTES:-
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS VERIFIED ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO G.D.C.R. 2021 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE G.D.C.R.2021, THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS AND TAKE NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- THE SEPTIC TANK AND SOAK PIT ARE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.5.1.2 OF G.D.C.R. 2021.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.5.1.10 OF G.D.C.R. 2021.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.9.6 OF G.D.C.R. 2021.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 2.9.13.
- RAINWATER HARVESTING FACILITY FOR DEAD END BORING IS PROVIDED AS PER THE CLAUSE NO. 2.9.4.
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 2.9.10.
- ENGAGED SITE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 2.8.7 OF THE G.D.C.R. 2021.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 2.3.1.7 OF G.D.C.R. 2021.
- THE RAISING OF BUILDING UNITS/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 2.9.1.1 OF G.D.C.R. 2021.
- THE STRUCTURE OF THE BUILDING IS AS PER THE NORMS OF THE ERECTED 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. 2.2.2.18 OF G.D.C.R. 2021.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 2.9.3 OF G.D.C.R. 2021.
- FIRE EVACUATION IS PROVIDED AS PER THE CLAUSE NO. 2.7.5 OF G.D.C.R. 2021.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 2.7.6 OF THE G.D.C.R. 2021.
- MAINTENANCE AND UPGRADATION OF BUILDING IS AS PER CHAPTER NO. 2B OF G.D.C.R. 2021.
- GREY WATER RECYCLING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 2.7.4 OF G.D.C.R. 2021.

BUILT UP AREA TABLE	IN SQ.MTS.				
FLOOR	BLOCK: C	BLOCK: D	ELE.S.S.	SOC. OFFC.	TOTAL
GROUND	813.77	491.04	19.52	26.66	1320.99
1st. FLOOR	813.77	448.34	—	—	1262.11
2nd. FLOOR	813.77	448.34	—	—	1262.11
3rd. FLOOR	813.77	448.34	—	—	1262.11
4th. FLOOR	813.77	448.34	—	—	1262.11
5th. FLOOR	813.77	448.34	—	—	1262.11
6th. FLOOR	813.77	448.34	—	—	1262.11
7th. FLOOR	813.77	448.34	—	—	1262.11
STAIR CABIN	74.86	42.35	—	—	117.21
O.H.W.T. & L.M.R.	50.74	30.09	—	—	80.83
TOTAL	6635.76	3671.86	19.52	26.66	10353.80

F.S.I AREA TABLE	IN SQ.MTS.				
FLOOR	BLOCK: C	BLOCK: D	ELE.S.S.	SOC. OFFC.	TOTAL
GROUND	----	166.76	----	26.66	193.42
1st. FLOOR	621.36	371.59	----	----	992.95
2nd. FLOOR	621.36	371.59	----	----	992.95
3rd. FLOOR	621.36	371.59	----	----	992.95
4th. FLOOR	621.36	371.59	----	----	992.95
5th. FLOOR	621.36	371.59	----	----	992.95
6th. FLOOR	621.36	371.59	----	----	992.95
7th. FLOOR	621.36	371.59	----	----	992.95
TOTAL	4349.52	2767.89	----	26.66	7144.07

UNIT AND FLOOR AREA TABLE

FLOOR	USE				UNIT					FLOOR AREA IN SQ.MTS.				
	BLOCK: C	BLOCK: D	ELE.S.S.	SOC. OFFC.	BLOCK: C	BLOCK: D	ELE.S.S.	SOC. OFFC.	TOTAL	BLOCK: C	BLOCK: D	ELE.S.S.	SOC. OFFC.	TOTAL
GROUND	PARK	COMM + PARK.	----	----	----	07 COMM.	----	----	07 COMM.	----	166.76	----	26.66	193.42
1st. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
2nd. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
3rd. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
4th. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
5th. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
6th. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
7th. FLOOR	RESI.	RESI.	----	----	15 RESI.	06 RESI.	----	----	21 RESI.	621.36	371.59	----	----	992.95
TOTAL	RESI. + PARK.	COMM + PARK.	----	----	105 RESI.	07 COMM. + 42 RESI.	----	----	07 COMM. + 147 RESI.	4349.52	2767.89	----	26.66	7144.07



LONGITUDINAL DRAINAGE SECTION VERT 1.00 CM = 1.00 MT HORI 1.00 CM = 5.00 MT

SHARANAM DEVELOPERS
Jitendrakumar F. Rambhia & Partners
Mamaj Niwas, Nr Sindhvi Mata Temple,
Ramol Road, G.T.M., Ahmedabad-380 026.
AMC DEV LIC NO.-83/16/0020
DEVELOPER

શરણમ ડેવલોપર્સ ના ભાગીદારો વતી
૧. રંભેભાઈ અબ્દુલભાઈ બરવાડ
૨. જીતેન્દ્રકુમાર પ્રવિણભાઈ ડફર
OWNER

N. P. PARMAR
B. E. (Civil)
AMC/Lic.No. SD-03/0160916
10, Pathik Society,
Naranpura, Ahmedabad - 13
STR . ENGINEER

A-V-Sharma
AMITVIKRAM S. SHARMA
(ARCHITECT)
(B. ARCH. & PLANNING)
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AMC ARCH. LIC. NO. 12/00919
(Consultant)
ENGINEER / C.O.W

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પ્રિય મિત્ર અને વર્ક ફ્રેન્ડ સુજીતભાઈ વિરમગામ તા ફાયર ઓ.
અમદાવાદ(ગ્રામ્ય) ઝોન-૧(૧-૧૧-૧૧) ના ફાયર અધિકારી તરીકે
સ્વયં એ જ્યારે જુનાગઢ મનપામાં ફરજ બજાવતા ટ્રાન્સફર કરેલ હોવાથી તેઓ
અહીં મુકવાની રહેશે.

Ahmedabad Municipal Corporation
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chalan Number : 1400/12/2018/AS667/North
Date : 02/10/18
Asst. Town Planner
Jr. Town Planner (City Design)
T.D.O. Mnpl. Eng.
Executive Engineer
For, Sharanam developers
partner