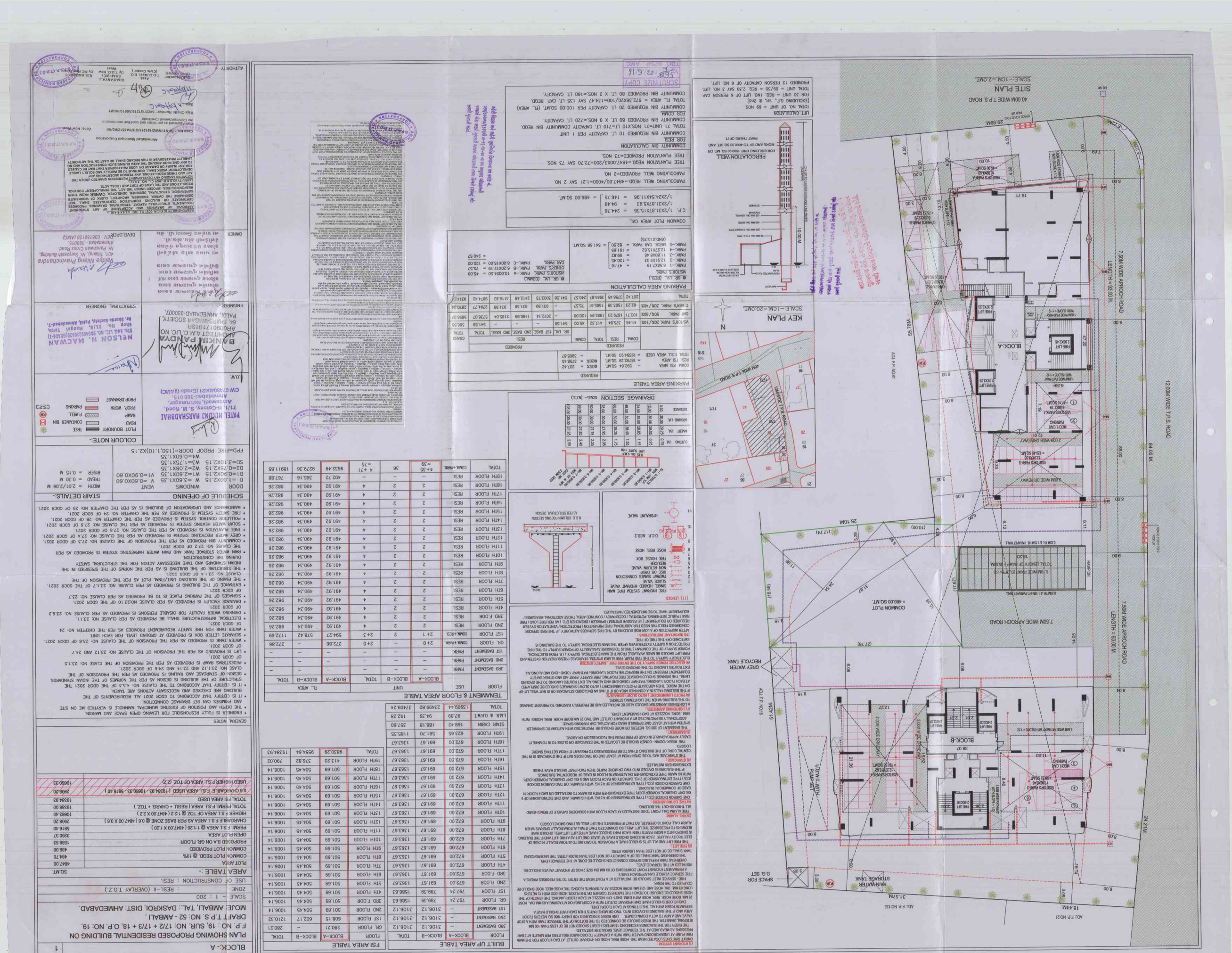

BLOCK:- A

PLAN SHOWING PROPOSED RESIDENTIAL BULIDING ON F.P. NO. 19, SUR. NO. 172 + 173 + 18, O.P. NO. 19, DRAFT T.P.S. NO: 52 - AMBALI, MOJE: AMBALI, TAL.: DASKROI, DIST: AHMEDABAD.

SCALE - 1 : 200

ZONE : RESI.-II (OVERLAY T.O.Z.)

USE OF CONSTRUCTION : RESI.

AREA TABLE :-

	SQ.MT.
PLOT AREA	4847.00
COMMON PLOT REQD. @ 10%	484.70
COMMON PLOT PROVIDED	486.00
PROPOSED B.A ON GR.FLOOR	1586.63
OPEN PLOT AREA	3260.37
PERMI. F.S.I. AREA @ 1.20 (4847.00 X 1.20)	5816.40
CHARGEABLE F.S.I. AREA AS PER BASE ZONE @ 0.6 (4847.00 X 0.6)	2908.20
HIGHER F.S.I. AREA OF TOZ @ 1.2 (4847.00 X 2.2)	10663.40
TOTAL PERMI. F.S.I. AREA (REGU. + CHARG. + TOZ)	19388.00
TOTAL FSI AREA USED	19384.93
0.6 CHARGEABLE F.S.I. AREA USED (19384.93 - 10663.33 - 5816.40)	2906.20
USED HIGHER F.S.I. AREA OF TOZ (2.2)	10663.33

SCHEDULE OF OPENING

DOOR	WINDOWS	VENT	STAIR DETAILS:-
D =1.00X2.15	W =5.60X0.60	V =0.60X0.60	WIDTH = 2.01/2.06 M
D1=0.90X2.15	W1=1.60X1.35	V1=0.90X0.60	TREAD = 0.30 M
D2=0.75X2.15	W2=2.08X1.35		RISER = 0.15 M
SD=3.10X2.15	W3=1.75X1.35		
FPD=FIRE PROOF DOOR=(150,1.10)X2.15	W4=0.60X1.35		

COLOUR NOTE:-

PLOT BOUNDRY	TREE		
ROAD	CONTAINER BIN		
PROP. WORK	RAMP	P.WELL	(P.W)
PROP.DRAINAGE	PARKING		C.E.W.D

GENERAL NOTES

- ENGINEER IS FULLY RESPONSIBLE FOR LEANING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MANHOLE IS VERIFIED BE ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO CLAUSE NO. 4.5.3 OF THE GDCR 2021 THE STRUCTURE OF THE BULIDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLASE NO. 23.1.5
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLASE NO. 23.4.7 OF GDCR 2021.
- WATER TANK FOR FIRE SAFETY RESUMBERMENT PROVIDED AS PER THE CHEPTER NO. 24
- CLASE NO. 23.1.12 AND 23.14 AND 24.6. OF GDCR 2021.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF GDCR 2021.
- THE CLAUSE NO. 23.1.4 OF GDCR 2021.
- THE STRUCTURE OF THE BULDING IS AS PER THE NORMS OF THE SPESIFIED IN THE INDIAN STANDARD AND THE 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. 27.2.2 OF GDCR 2021.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF GDCR 2021.
- GREY WATER RECYCLING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.4 OF GDCR 2021.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.6 OF GDCR 2021.
- FIRE SAFETY SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 24 OF GDCR 2021.
- POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 28 OF GDCR 2021.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF GDCR 2021.
- MAINTANANCE AND UPGRADATION OF BUILDING IS AS PER THE CHAPTER NO. 29 OF GDCR 2021.

TENAMENT & FLOOR AREA TABLE

FLOOR	USE	UNIT			FL. AREA
		BLOCK-A	BLOCK-B	TOTAL	BLOCK-A	BLOCK-B	TOTAL
GR. FLOOR	PARK.	–	–	–	–	–	–
1ST FLOOR	PARK.	–	–	–	–	–	–
2ND FLOOR	PARK.	–	–	–	–	–	–
3RD FLOOR	PARK.	–	–	–	–	–	–
GR. FLOOR	COMM.+PARK.	2+0	–	2+0	272.86	–	272.86
1ST FLOOR	COMM.+RESI.	2+1	2	2+3	594.27	578.42	1172.69
2ND FLOOR	RESI.	2	2	4	491.92	490.34	982.26
3RD FLOOR	RESI.	2	2	4	491.92	490.34	982.26
4TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
5TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
6TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
7TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
8TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
9TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
10TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
11TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
12TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
13TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
14TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
15TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
16TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
17TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
18TH FLOOR	RESI.	2	2	4	491.92	490.34	982.26
19TH FLOOR	RESI.	–	–	–	402.72	365.16	767.88
TOTAL	COMM.+PARK.	4+35 = 39	36	4+71 = 75	9632.49	9229.36	18911.85

BUILT UP AREA TABLE

FLOOR	BLOCK-A	BLOCK-B	TOTAL
3RD BASEMENT	–	3106.12	3106.12
2ND BASEMENT	–	3106.12	3106.12
1ST BASEMENT	–	3106.12	3106.12
GR. FLOOR	789.39	1586.63	2376.02
1ST FLOOR	789.39	1586.63	2376.02
2ND FLOOR	672.00	691.67	1363.67
3RD FLOOR	672.00	691.67	1363.67
4TH FLOOR	672.00	691.67	1363.67
5TH FLOOR	672.00	691.67	1363.67
6TH FLOOR	672.00	691.67	1363.67
7TH FLOOR	672.00	691.67	1363.67
8TH FLOOR	672.00	691.67	1363.67
9TH FLOOR	672.00	691.67	1363.67
10TH FLOOR	672.00	691.67	1363.67
11TH FLOOR	672.00	691.67	1363.67
12TH FLOOR	672.00	691.67	1363.67
13TH FLOOR	672.00	691.67	1363.67
14TH FLOOR	672.00	691.67	1363.67
15TH FLOOR	672.00	691.67	1363.67
16TH FLOOR	672.00	691.67	1363.67
17TH FLOOR	672.00	691.67	1363.67
18TH FLOOR	672.00	691.67	1363.67
19TH FLOOR	672.00	691.67	1363.67
TOTAL	13909.44	24499.80	37409.24

FSI AREA TABLE

FLOOR	GR. FLOOR	BLOCK-A	BLOCK-B	TOTAL
GR. FLOOR	280.21	280.21	–	280.21
1ST FLOOR	602.17	602.15	210.32	
2ND FLOOR	504.45	504.45	100.14	
3RD FLOOR	504.45	504.45	100.14	
4TH FLOOR	504.45	504.45	100.14	
5TH FLOOR	504.45	504.45	100.14	
6TH FLOOR	504.45	504.45	100.14	
7TH FLOOR	504.45	504.45	100.14	
8TH FLOOR	504.45	504.45	100.14	
9TH FLOOR	504.45	504.45	100.14	
10TH FLOOR	504.45	504.45	100.14	
11TH FLOOR	504.45	504.45	100.14	
12TH FLOOR	504.45	504.45	100.14	
13TH FLOOR	504.45	504.45	100.14	
14TH FLOOR	504.45	504.45	100.14	
15TH FLOOR	504.45	504.45	100.14	
16TH FLOOR	504.45	504.45	100.14	
17TH FLOOR	504.45	504.45	100.14	
18TH FLOOR	501.69	413.20	376.82	790.02
19TH FLOOR	501.69	413.20	376.82	790.02
TOTAL	9630.29	9554.64	1934.93	

PARKING AREA TABLE

	REQUIRED	PROVIDED							
		COMM.	RESI.	TOTAL	COMM.	RESI.			GRAND TOTAL
						GR. FLOOR	1ST BASE	2ND BASE	3RD BASE	TOTAL	
VISITOR'S PARK. 20%/10%	41.46	375.84	417.30	450.00	541.58	–	–	541.58	585.56
CAR PARK. 50%/50%	103.71	1879.23	1982.94	1200.00	–	2027.14	1460.89	2185.04	5738.07	5865.07
CHIEF'S PARK. 30%/40%	62.23	1503.38	1565.61	75.57	–	831.59	831.59	931.58	2794.77	2870.34
TOTAL	207.42	3758.45	3965.87	2401.57	541.58	3003.73	2412.48	3116.83	9074.42	9314.97

PARKING AREA CALCULATION

① GR. FLR. (RESI.) VISITOR'S PARK.	PARK-1	6.56X2.19 = 47.16
	PARK-2	13.91X3.35 = 93.82
	PARK-3	11.80X8.46 = 99.82
	PARK-4	12.27X15.62 = 191.65
	PARK-5	MECH. CAR PARK = 82.50 (6NOX13.75)
		= 541.58 SQ.MT.
② GR. FLR. (COMM.) VISITOR'S PARK.	PARK-A	10.00X4.50 = 45.00
	PARK-B	8.00X15.00 = 120.00
DISTRICT PARK. CAR PARK.	PARK-C	8.00X15.00 = 120.00
		= 240.57

COMMON PLOT AREA CAL.

C.P.	1/2X31.87X15.36	= 244.76
	1/2X31.87X5.93	= 94.49
	1/2X24.54X11.96	= 146.75
		= 486.00 SQ.MT.

PROCULATING WELL REQD.=4847.00X3/200=72.70 SAY 73 NOS.
TREE PLANTATION PROVIDED=73 NOS.

PROCULATING WELL PROVIDED=2 NO.

COMMUNITY BIN CALCULATION
FOR RESI.

COMMUNITY BIN REQUIRED 10 LT. CAPACITY PER 1 UNIT
TOTAL 71 UNIT=71 NOS.X10 LT=710 LT. CAPACITY COMMUNITY BIN REQD.
TREE PLANTATION REQD.=4847.00X3/200=72.70 SAY 73 NOS.

COMMUNITY BIN PROVIDED 80 LT. X 9 NOS.=720 LT. CAPACITY.
COMMUNITY BIN REQUIRED 20 LT. CAPACITY PER 100.00 SQ.MT. (FL. AREA)
TOTAL FL. AREA = 6723.63X20/100=1434.7 SAY 135 LT. CAP. REQD.
COMMUNITY BIN PROVIDED 80 LT. X 2 NOS.=160 LT. CAPACITY.

LIFT CALCULATION
TOTAL NO. OF UNIT = 69 NOS.
FOR 30 UNIT = 1 NO. LIFT OF 6 PERSON CAP.
TOTAL UNIT = 69/30 = REQ. 2.30 SAY 3 NO. LIFT.
PROVIDED 12 PERSON CAPACITY OF 6 NO. LIFT.

(11) DRENCH
FIRE HYDRANT SYSTEM PIPE MAIN
SINGEL HEADED HYDRANT VALVE
TWOWAY SWAGES CONNECTION
SLUICE VALVE
NON RETURN VALVE
RISE OR DROP
REDUCER
FIRE HOUSE BOX
HOSE REEL HOSE
D.C.P. BOX.2
HYDRAULIC VALVE

R.C.C. COLUMN FOOTING SECTION AS PER STRUCTURAL DESIGN

DRAINAGE SECTION SCALE:- (M.S.)

DISTANCE	0.00	12.00	24.00	36.00	48.00	60.00	72.00	78.00	90.00	102.00	114.00	120.00
INVERT LVL	30.00	30.00	29.85	29.70	29.55	29.40	29.25	29.10	28.95	28.80	28.65	28.50
GROUND LVL	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
CUTTING LVL	0.00	0.15	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50
		1.20	2.40	2.25	2.10	1.95	1.80	1.65	1.50	1.35	1.20	1.05
		1.20	2.25	2.10	1.95	1.80	1.65	1.50	1.35	1.20	1.05	0.90
		1.20	2.25	2.10	1.95	1.80	1.65	1.50	1.35	1.20	1.05	0.90
		1.20	2.40	2.25	2.10	1.95	1.80	1.65	1.50	1.35	1.20	1.05
		1.20	2.55	2.40	2.25	2.10	1.95	1.80	1.65	1.50	1.35	1.20

(1) DRENCH SYSTEM :-
FIRE ALARM AT THE TERRACE LEVEL SHOULD BE INSTALLED AT EACH FLOOR NEAR THE MAIN ELECTRICAL SUPPLY TO THE FIRE PUMP MOTOR. THE FIRE PUMP SHOULD BE OF 1000 LPM CAPACITY TO DISCHARGE 800 LITRES PER MINUTE AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
THE RISER FOR THE BULIDINGS EXCEEDING 18 MTRES HEIGHT SHOULD NOT BE OF LESS THAN 100 MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO DISCHARGE SIDE OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM & SHOULD BE INDEPENDENT OF ANY OTHER SUPPLY. THE RISER SHOULD BE SWITCHED OFF THE TIME OF FIRE.
(2) 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 OTHER THAN WHAT IS REQUIRED ON THE BASIS OF THESE REGULATIONS, HE MAY ASK FOR ANY ONE OR MORE OF THE FOLLOWING SYSTEMS, DEPENDING ON THE HAZARD POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.
(3) IMPORTANT INSTRUCTIONS :-
AFTER RECEIVING THE INTIMATION FROM THE FIRE OFFICER REGARDING THE DEFICIENCIES IN THE FIRE PROTECTION SYSTEM, THE OWNER / OCCUPIER SHALL ARRANGE TO CARRY OUT THE NECESSARY ADDITIONS / ALTERATIONS WITHIN THE TIME SPECIFIED BY THE FIRE OFFICER.
(4) 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.
(5) IMPORTANT INSTRUCTIONS :-
ON PHOTO LUMINESCENT LAYER TO GLOW) MARKERS :-
IF THE BUILDING FALLS IN A CONFINED AREA OR IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON INSIDE, THEN ASSOCIATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR (LANDING / PATHWAY / DEAD END AND ALONG LEFT SIDE ROUTES LANDING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
(6) BASEMENT :-
THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLE HEAD FOR ACTUAL CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM BORE HOSE- REEL HOSES WITH 9MM BORE NOZZLES AT EACH BASEMENT LEVEL.
(7) LIGHTNING ARRESTER :-
A LIGHTNING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES.
IF THE BUILDING FALLS IN A CONFINED AREA OR IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON INSIDE, THEN ASSOCIATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR (LANDING / PATHWAY / DEAD END AND ALONG LEFT SIDE ROUTES LANDING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
(8) BASEMENT :-
THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLE HEAD FOR ACTUAL CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM BORE HOSE- REEL HOSES WITH 9MM BORE NOZZLES AT EACH BASEMENT LEVEL.
(7) LIGHTNING ARRESTER :-
A LIGHTNING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES.
(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 BULDING IT HAS TO BE PRESURIZED TO PREVENT IT FROM GETTING SMOKE LOGGED.
THE RISER / DOWN - COMER SHOULD BE LOCATED IN THE STAIRCASE OR FLOOR OR ABOVE.
EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.
(4) FREE ESTIMATES :-
IF THE BULDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
(3) FREE ESTIMATES :-
IF THE BULDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
(2) FREE ESTIMATES :-
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) TYPE ESTIMATES OF 2 KG. CAPACITY ON EACH FLOOR AND 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER OF 2 KG. CAPACITY ON EACH FLOOR IN CASE OF RESIDENTIAL BULDINGS.
(1) FREE ESTIMATES :-
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. AND ONE EXTINGUISHER OF 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO INSTALLED ON EACH FLOOR IN ALL THROUGHOUT THE BULDING.
(2) FREE ALARM :-
FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD THROUGHOUT THE BULDING.
(3) FREE ALARM :-
THE FIRE LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BULDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE - LIFT AND IF THE BULDING IS DIVIDED INTO A MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT MUST SHOULD HAVE BUSINESS TO PRESSURIZE THE LIFT. MUST SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATE. SO THAT IF PREVENTS THE LIFT WELL GETTING SMOKE LOGGED.
(4) FREE LIFT :-
THE FIRE LIFT SHOULD BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD
(5) FREE ESTIMATES :-
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 BULDINGS.
(6) BASEMENT :-
THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLE HEAD FOR ACTUAL CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM BORE HOSE- REEL HOSES WITH 9MM BORE NOZZLES AT EACH BASEMENT LEVEL.
(7) LIGHTNING ARRESTER :-
A LIGHTNING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES.
(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 BULIDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM OTHER THAN WHAT IS REQUIRED ON THE BASIS OF THESE REGULATIONS, HE MAY ASK FOR ANY ONE OR MORE OF THE FOLLOWING SYSTEMS, DEPENDING ON THE HAZARD POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.
(10) DRENCH SYSTEM :-
FIRE ALARM AT THE TERRACE LEVEL SHOULD BE INSTALLED AT EACH FLOOR NEAR THE MAIN ELECTRICAL SUPPLY TO THE FIRE PUMP MOTOR. THE FIRE PUMP SHOULD BE OF 1000 LPM CAPACITY TO DISCHARGE 800 LITRES PER MINUTE AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
THE RISER FOR THE BULIDINGS EXCEEDING 18 MTRES HEIGHT SHOULD NOT BE OF LESS THAN 100 MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO DISCHARGE SIDE OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM & SHOULD BE INDEPENDENT OF ANY OTHER SUPPLY. THE RISER SHOULD BE SWITCHED OFF THE TIME OF FIRE.
(11) IMPORTANT INSTRUCTIONS :-
AFTER INSPECTION OF A LOW RISE BULIDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM OTHER THAN WHAT IS REQUIRED ON THE BASIS OF THESE REGULATIONS, HE MAY ASK FOR ANY ONE OR MORE OF THE FOLLOWING SYSTEMS, DEPENDING ON THE HAZARD POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.

RESPONSIBILITY OF R.C.C. & STEEL DESIGN
APPROVAL OF DRAWINGS AND ACCEPTANCE OF SITE STATEMENT.
DRAWINGS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS REPORTS, COMPLETION CERTIFICATES SHALL NOT CONSTITUTE A CERTIFICATE OF BUILDING CLERK OF WORKS/BUILDING SUPERVISOR, STRUCTURAL DESIGNER, DETAILS/DRAWINGS, DISCHARGE THE OWNER, ENGINEER, ARCHITECT, OWNER FROM THEIR RESPONSIBILITIES IMPOSED UNDER THE ACT. THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS IN FORCE AND SHALL NOT RELIEVE OR LESSEN THE RESPONSIBILITY OF THE OWNER, DEVELOPER, ARCHITECT, ENGINEER OR SUPERVISOR UNDER THE BYELAWS, RULES AND REGULATIONS OR ANY OTHER LAWS FOR THE TIME BEING IN FORCE.
LIMITATION OF APPROVAL
THE PERMISSION GRANTED UNDER THE NOTIFICATION NO. 2021-CL-NO. 3131-
ACT AND RULES THEREUNDER SHALL NOT BE WHOLLY AND SOLELY LIABLE TO ANY ONE OR ON AROUND THE AREA DURING SUCH CONSTRUCTION AND NO CLAIM OF ANY NATURE WHATSOEVER IN THIS REGARD SHALL BE ENTERTAINED BY THE AUTHORITY.

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