

**NOTE:**  
**1. HYDRANT SYSTEM :-**  
 ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE PUMP AT THE UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUTE AT A PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.  
 \* THE RISER FOR THE BUILDING EXCEEDING 18 METERS HEIGHT SHOULD NOT BE OF LESS THAN 100 MM INTERNAL DIAMETER.  
 \* THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A 90° TO 45° AS A DOWN CORNER.  
 \* ON THE RISER IN REQUIRED FOR EVERY 1000 SQ. METERS FLOOR AREA & IF THE BUILDING IS DIVIDED INTO TENANTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL FITTINGS AT EACH FLOOR LEVEL.  
 \* EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 38 MM DIA. HOSE 25 MM MORE HOSE REEL HOSE WITH 8 MM SHUT OFF NOZZLE AT EACH FLOOR LANDING THE LENGTH OF THE HOSE REEL HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OF THE FLOOR HOSE BOX WITH 15 MT. LONG 38 MM DIA. HOSE & 12.5 MM BORE NOZZLE AT ALTERNATE FLOORS THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER.  
 \* FIRE SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE PREMISES WHERE A FIRE SERVICE VEHICAL CAN APPROACH EASILY.  
 \* THE OVER HEAD WATER TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 1000 LITERS.  
 \* THE U.G. TANK SHALL BE OF NOT LESS THAN 10,000 LITERS.

**2. FIRE LIFT :-**  
 \* THE FIRE LIFT AND ALL LIFT SHOULD HAVE A PROVISION TO SHUT OFF AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE LIFT & IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATED SO THAT IT PREVENTS THE LIFT GETTING SMOKE LOADED.  
**3. FIRE ALARM :-**  
 \* FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD THROUGH THE BUILDING.  
**4. FIRE EXTINGUISHERS :-**  
 \* ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. & ONE EXTINGUISHER OF 9 KG. DRY CHEMICAL POWDER (DCP) TO BE INSTALLED ON EACH FLOOR IN CASE OF COMM. BUILDING.  
 \* TWO CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 2 KG. CAPACITY ON EACH FLOOR & 9 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS SHOULD HAVE THESE EXTINGUISHERS INSTALLED.  
**5. STAIR CASE :-**  
 \* THE STAIR CASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES IF THE STAIR CASE IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT GETTING SMOKE LOADED.  
 \* THE RISER DOWN-COMER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.

**6. BASEMENT I :-**  
 \* THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR A CAR PARKING SPACE.  
 \* ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25mm BORE HOSE REEL HOSES WITH 8mm BORE NOZZLES AT EACH BASEMENT LEVEL.  
**7. LIGHTENING ARRESTAR :-**  
 \* A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED & BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING DUE TO THE LIGHTNING STRIKES.  
**8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :-**  
 \* THE BUILDING FALL IN A CONFINED AREA OR IF IT HAS AND ENCLOSED STAIRCASE OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADAPTE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE SHOULD BE DISPLAYED AT EACH FLOOR LANDING IN THE WAY OUT AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LAND IN PATH WAY/STAIRCASE AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.  
**9. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE SAFETY SYSTEM :-**  
 \* ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICITY SUPPLY (I.E. FROM 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.  
**10. IMPORTANT INSTRUCTIONS :-**  
 \* AFTER INSPECTION OF A LOW RISE BUILDING BY THE FIRE SERVICE AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION/PROTECTION MEASURES/VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM / SUPPRESSION SYSTEM/FIRE DOOR/WINDOW DETECTION SYSTEM/INVESTIGATIVE SYSTEM / SPRINKLER/ROSCHEER ETC.) AS PER FIRE LOAD/RISK/PUBLIC GATHERING/POTENTIAL/CRIMINAL/ACCIDENTAL AREA THOSE ADDITIONAL MEASURES/INSTRUMENTS HAVE TO BE IMPLEMENTED/INSTALLED.

**LEGENDS:-**  
 FIRE HYDRANT SYSTEM PIPE MAN SLUCE VALVE  
 SINGLE HANDED HYDRANT VALVE  
 TWO WAY STAMSE/FIRE SERVICE INLET  
 NON RETURN VALVE  
 REDUCER  
 FIRE HOSE BOX  
 HOSE REEL HOSE  
 D.C.P. & CO2

**SUMMARY OF TENAMENT TABLE :-**

FLOOR	BLOCK-B		BLOCK-A+B		BLOCK-C		BLOCK-C		TOTAL		TOTAL	
	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED
GROUND FLOOR	08 SHOP	16 SHOP	04 TENA	04 TENA	04 TENA	04 TENA	08 SHOP	06 TENA	15 SHOP	08 TENA	08 TENA	08 TENA
FIRST FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
SECOND FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
THIRD FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
FOURTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
FIFTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
SIXTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
SEVENTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
EIGHTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
NINTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
TENTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
ELEVENTH FLOOR	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA	04 TENA
TWELFTH FLOOR	02 TENA	04 TENA	02 TENA	02 TENA	02 TENA	02 TENA	04 TENA	04 TENA	06 TENA	06 TENA	06 TENA	06 TENA
TOTAL	44 TENA	31 SHOP	88 TENA	46 TENA	46 TENA	16 SHOP	90 TENA	31 SHOP	134 TENA	134 TENA	134 TENA	134 TENA

**SUMMARY OF FLOOR AREA TABLE :-**

FLOOR	BLOCK-B		BLOCK-A+B		BLOCK-C		BLOCK-C		TOTAL		TOTAL	
	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED
GROUND FLOOR	334.98	653.31	258.48	309.77	309.77	309.77	105.47	334.98	653.31	105.47	334.98	105.47
FIRST FLOOR	192.15	127.74	388.99	258.48	309.77	309.77	192.15	437.51	629.66	388.99	565.25	565.25
SECOND FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
THIRD FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
FOURTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
FIFTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
SIXTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
SEVENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
EIGHTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
NINTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
TENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
ELEVENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
TWELFTH FLOOR	129.82	256.22	256.22	150.75	150.75	280.57	280.57	410.39	410.39	410.39	410.39	410.39
TOTAL	527.13	2819.76	1022.30	5639.52	3556.22	3663.69	527.13	6377.96	1022.30	9303.21	9303.21	9303.21



**SUMMARY OF F.S.I. AREA TABLE :-**

FLOOR	BLOCK-B		BLOCK-A+B		BLOCK-C		BLOCK-C		TOTAL		TOTAL	
	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED
GROUND FLOOR	334.98	653.31	258.48	309.77	309.77	309.77	105.47	334.98	653.31	105.47	334.98	105.47
FIRST FLOOR	192.15	127.74	388.99	258.48	309.77	309.77	192.15	437.51	629.66	388.99	565.25	565.25
SECOND FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
THIRD FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
FOURTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
FIFTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
SIXTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
SEVENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
EIGHTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
NINTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
TENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
ELEVENTH FLOOR	256.22	256.22	512.44	309.77	309.77	309.77	565.99	565.99	822.21	822.21	822.21	822.21
TWELFTH FLOOR	129.82	256.22	256.22	150.75	150.75	280.57	280.57	410.39	410.39	410.39	410.39	410.39
TOTAL	527.13	2819.76	1022.30	5639.52	3556.22	3663.69	527.13	6377.96	1022.30	9303.21	9303.21	9303.21

**RESIDENTIAL DWELLING UNIT UP TO 50 SQ. MT.**

BLOCK	CONSUME F.S.I.		NO. OF COMM UNIT	RESIDENTIAL DWELLING UNIT MORE THAN 50 SQ. MT. & UP TO 80 SQ. MT.		RESIDENTIAL DWELLING UNIT MORE THAN 80 SQ. MT. & UP TO 100 SQ. MT.		OTHER F.S.I.		COMM. F.S.I.		
	COMM.	RESI.		NO. OF UNIT	% USED F.S.I.	NO. OF UNIT	% USED F.S.I.	NO. OF UNIT	% USED F.S.I.	NO. OF UNIT	% USED F.S.I.	
A+B	1022.30	639.52	681.82	31	0.00	0.00	88.00	5639.52	14.82	46.00	3663.69	35.48
C	0.00	3663.69	3663.69	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	1022.30	9303.21	10325.51	31	0.00	0.00	88.00	5639.52	14.82	46.00	3663.69	35.48

**CUTTING**

	0.75	0.79	0.84	0.88	0.93	0.96	0.98	1.01	1.06
IN-LVL	29.25	29.22	29.16	29.12	29.07	29.04	29.02	28.99	28.94
GL-LVL	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
DISTANCE	00.00	8.47	22.61	31.30	42.16	50.23	55.39	62.25	75.03

SCALE: HORIZONTAL = 1CM = 5.0 MT. VERTICAL = 1CM = 1.0 MT.

**SUMMARY OF BUILT-UP AREA TABLE :-**

FLOOR	BLOCK-B		BLOCK-A+B		BLOCK-C		BLOCK-C		TOTAL		TOTAL	
	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED	APPROVED	REVISED
SECOND BASEMENT	2466.33	2466.33	2765.27	2765.27	2765.27	2765.27	2466.33	2466.33	2765.27	2765.27	2466.33	2466.33
FIRST BASEMENT	2466.33	2466.33	2765.27	2765.27	2765.27	2765.27	2466.33	2466.33	2765.27	2765.27	2466.33	2466.33
GROUND FLOOR (H.P.)	352.06	22.33	374.39	687.59	175.65	883.24	389.79	400.26	352.06	412.12	764.18	687.59
FIRST FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
SECOND FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
THIRD FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
FOURTH FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
FIFTH FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
SIXTH FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	775.79	403.27
SEVENTH FLOOR	209.23	176.77	386.00	403.27	366.27	769.54	389.79	389.79	209.23	566.56	7	

CAR PARKING CALCULATION (RESI.)

Table with 2 columns: Description and Area. Includes items like 11. 03.15 MT. X 08.54 MT. X 4 = 107.60 SQ.MT. (1st&2nd cellar) and TOTAL CAR PARKING = 3593.95 SQ.MT.

NOTES

ALL BASEMENT PARKING AND HPP SHALL BE FULLY SPRINKLERED. ALL BASEMENT SHOULD HAVE POSITIVE PRESSURE VENTILATION. ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANT DOORS.

1. HYDRANT SYSTEM :-

\* ON / OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE PUMP AT THE UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUT AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED. \* THE RISER FOR THE BUILDING 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 AS A DOWN COMER. \* ON THE RISER IN REQUIRED FOR EVERY 1000 SQ. METERS FLOOR AREA & IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL 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 SHIP OFF NOZZLE AT EACH FLOOR LANDING THE LENGTH OF THE HOSE REEL HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OF THE FLOOR HOSE BOX WITH 15 MT. LONG 63 MM DIA. HOSE & 12.5 MM BORE NOZZLE AT ALTERNATE FLOORS THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER. \* FIRE SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE PREMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY. \* THE OVER HEAD WATER TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 20,000 LITERS. THE U.G. TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.

2. FIRE LIFT :-

\* THE FIRE LIFT AND ALL LIFT SHOULD HAVE A PROVISION TO GROUND AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE LIFT & IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATED SO THAT IT PREVENTS THE LIFT GETTING SMOKE LOGGED.

3. FIRE ALARM :-

\* FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHT THE BUILDING.

4. FIRE EXTINGUISHERS :-

\* ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. & ONE EXTINGUISHER OF 8 KG. DRY CHEMICAL POWDER (DCP) TO BE INSTALLED ON EACH FLOOR IN CASE OF COMM. BUILDING TWO CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 2 KG. CAPACITY ON EACH FLOOR & 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS SHOULD HAVE THESE EXTINGUISHERS INSTALLED.

5. STAIR CASE :-

\* THE STAIR CASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES IF THE STAIR CASE IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT GETTING SMOKE LOGGED. THE RISER/DOWN-COMER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE

6. BASEMENT :-

\* THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR A CAR PARKING SPACE ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25mm BORE HOSE REEL HOSES WITH 8mm BORE NOZZLES AT EACH BASEMENT LEVEL

7. LIGHTENING ARRESTAR :-

\* A LIGHTENING ARRESTAR SHOULD ALSO BE INSTALLED & BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :-

\* IF THE BUILDING FALL IN A CONFINED AREA OF 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/PATHWAYS/DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LAND/NR/PATH WAY/DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL

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

\* ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. (I.E. FROM POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF AT THE TIME OF FIRE.

10. IMPORTANT INSTRUCTIONS :-

\* AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICE AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION/PROTECTION MEASURES/VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM / SUPPRESSION SYSTEM/FIRE DOOR/WINDOW/DETECTION SYSTEM/AUTOMATIC SYSTEM/SPRINKLER/DRENCHER ETC.) AS PER FIRE LOAD/FIRE RISK/PUBLIC GATHERING/POTENTIAL/OCCUPANCY/CONFINED AREA, THOSE ADDITIONAL MEASURES/EQUIPMENT HAVE TO BE IMPLEMENTED/INSTALLED.

LEGENDS:-

- Fire Hydrant System Pipe Man, Sluce Valve, Single Handed Hyrant Valve, Two Way Stamese/Fire Service Inlet, Non Return Valve, Reducer, Fire Hose Box, Hose Reel Hose, D.C.P. & CO2

PARKING CALCULATION (COMM.)

Table with 2 columns: Description and Area. Includes items like A. 14.42 MT. X 03.00 MT. X 1 = 43.26 SQ.MT. (front margin) and TOTAL VIS. PARKING = 171.39 SQ.MT.

TWO WHEELER PARKING CALCULATION

Table with 2 columns: Description and Area. Includes items like D. 04.50 MT. X 14.03 MT. X 1 = 117.63 SQ.MT. (1st cellar) and TOTAL TWO.WHEELER PARKING = 261.52 SQ.MT.

CAR PARKING CALCULATION

Table with 2 columns: Description and Area. Includes items like G. 1/2 X (08.99 + 07.31) X 23.63 MT. = 192.58 SQ.MT. (C.P.) and TOTAL CAR PARKING = 256.72 SQ.MT.

PARKING CALCULATION (RESI.)

Table with 2 columns: Description and Area. Includes items like 1. 11.75 MT. X 15.73 MT. X 1 = 184.83 SQ.MT. (BL-C H.P.) and TOTAL VIS. PARKING = 310.06 SQ.MT.

TWO WHEELER PARKING CALCULATION (RESI.)

Table with 2 columns: Description and Area. Includes items like 3. 1/2 X (05.48 + 06.78) X 14.04 MT. = 86.07 SQ.MT. (1st cellar) and TOTAL TWO.WHEELER PARKING = 561.85 SQ.MT.

PARKING PROVISION :- ( IN SQ.MT. )

Table with 2 columns: Description and Area. Includes items like FOR COMM. REQUIRED PARKING SPACE = 50% (1022.30 X 50% = 511.15 SQ.MT.) and VISITORS = 511.15 X 20% = 102.23 SQ.MT.

FOR RESI.

Table with 2 columns: Description and Area. Includes items like RESI. F.S.I. FOR PARK. CALC. ONLY = 5639.52 SQ.MT. FOR BLOCK -A+B and VISITORS = 563.95 X 20% = 112.79 SQ.MT.

FOR RESI.

Table with 2 columns: Description and Area. Includes items like RESI. F.S.I. FOR PARK. CALC. ONLY = 3863.69 SQ.MT. FOR BLOCK -C and VISITORS = 386.37 X 20% = 77.27 SQ.MT.

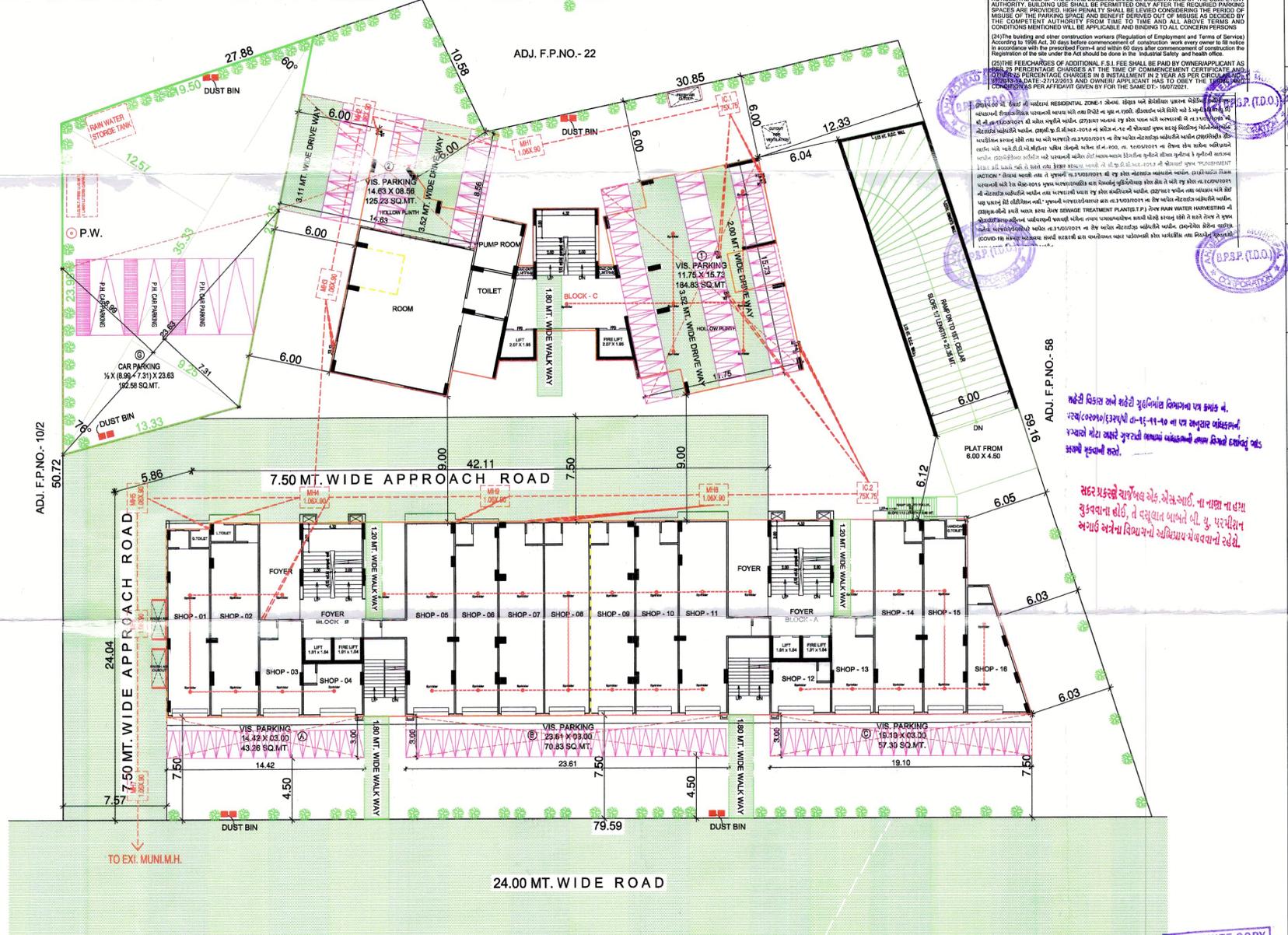
Table with 2 columns: Description and Area. Includes items like CAR = 281.98 SQ.MT., TWO WHEELER'S = 225.58 SQ.MT., VISITORS = 112.79 SQ.MT., and TOTAL = 620.35 SQ.MT.

COMMERCIAL PARKING TABLE :-

Table with 3 columns: Vehicle, Required, and Provided. Includes rows for CAR, TWO WHEELER'S, VISITORS, and TOTAL.

RESIDENTIAL PARKING TABLE :-

Table with 3 columns: Vehicle, Required, and Provided. Includes rows for CAR, TWO WHEELER'S, VISITORS, and TOTAL.



SITE LAYOUT PARKING PLAN SCALE = 1CM. = 2.00 MT.

REVISED LAY OUT PLAN SHOWING THE RESI.+ COMM. AFFORDABLE HOISING PROJECT ON F.P. NO.- 12, SUR. NO. - 154/3 + 154/4 ,FINAL T.P.S. NO. - 31 (GOTA) , AT :- GOTTA ,TALUKA :-GHATLODIA, DIST. - A/B'AD. BLOCK - A + B

SCALE :- 1 CM = 2.00 MTS. ZONE :- RESIDENTIAL-1 USE :- RESI.+COMM.

- 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 MARGINAL SPACE AND MARGIN. DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS VERIFIED BY ME ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION. IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R.-2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN. IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.4.3 OF THE C.G.D.C.R.-2017, THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS. DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.1.11 AND 13.1.13 OF C.G.D.C.R.-2017. PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.1.14 OF C.G.D.C.R.-2017. LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017. WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.6 OF C.G.D.C.R.-2017. LETTER BOX FOR EACH UNIT SHALL BE PROVIDED AT GROUND FLOOR LEVEL FOR EACH UNIT. WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY ACT-2015. ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.13.11 OF C.G.D.C.R.-2017. DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 13.6.2 OF C.G.D.C.R.-2017. DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10OF C.G.D.C.R.-2017. SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.7 OF C.G.D.C.R.-2017. ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO.13.1.6 OF C.G.D.C.R.-2017. THE PAVING OF BUILDING/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO.13.1.3 OF C.G.D.C.R.-2017. THE STRUCTURAL DESIGN OF BUILDING IS AS PER NORMS OF SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING CONSTRUCTION. RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.2 OF C.G.D.C.R.-2017. COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.2.4 & 17.2.5 OF C.G.D.C.R.-2017. TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO.17.4 OF C.G.D.C.R.-2017. SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.5 OF C.G.D.C.R.-2017. FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER 14 OF C.G.D.C.R.-2017. FIRE SAFETY PROVISION SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND/FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2013. MAINTANANCE AND UPGRADEMENT OF BUILDING IS AS PER CHAPTER NO.19 OF C.G.D.C.R.-2017.

COLOUR NOTE table with 3 columns: Colour, Description, and Symbol. Includes Plot Boundary, Common Plot, Proposed Work, Proposed Drainage, Approved Work, Road, Fire Sprinkler P.W., and Tree.

STAIR DETAIL table with 2 columns: Description and Dimensions. Includes R.C.C. STAIR -1.50 MT. WIDE (TREAD - 0.30 MT., RISER - 0.16 MT.) and R.C.C. STAIR -2.00 MT. WIDE (TREAD - 0.30 MT., RISER - 0.17 MT.).

PINKAL R PATEL AMC LIC NO.: 0015R28022610727 45, Sarthi Part-3, Nr. Surdhera Circle, Thaltej, Ahmedabad-380054

For. Shilp Developers Partner PINKAL R PATEL AMC LIC NO.: 001CW05032610313 45, Sarthi Part-3, Nr. Surdhera Circle, Thaltej, Ahmedabad-380054

PATEL HARDIK KANUBHAI AMC LIC NO.: ER1311221023 23, Aditya Residency, Nr. Thaltej Fire Station, Thaltej, Ahmedabad-380059

KETAV P. JOSHI S D LIC NO. 001SE22072600042 503, Abhijot Square, Makarba, Ahmedabad.

Official stamps and signatures including Ahmedabad Municipal Corporation, RAJA CHITTI NUMBER: 05033291018/A0562/R/1/M, and various professional seals.

NOTE:-

1. HYDRANT SYSTEM :-

\* ON / OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE PUMP AT THE UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUT AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.

2. FIRE LIFT :-

\* THE FIRE LIFT AND ALL LIFT SHOULD HAVE A PROVISION TO GO DOWN AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE LIFT & IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATED SO THAT IT PREVENTS THE LIFT GETTING SMOKE LOGGED.

3. FIRE ALARM :-

\* FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHT THE BUILDING.

4. FIRE EXTINGUISHERS :-

\* ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. & ONE EXTINGUISHER OF 5 KG. DRY CHEMICAL POWDER (DCP) TO BE INSTALLED ON EACH FLOOR IN CASE OF COMM. BUILDING TWO CARBON DIOXIDE (CO2) TYPE EXTINGUISHERS OF 2 KG. CAPACITY ON EACH FLOOR & 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS SHOULD HAVE THESE EXTINGUISHERS INSTALLED.

5. STAIR CASE :-

\* THE STAIR CASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES IF THE STAIR CASE IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT GETTING SMOKE LOGGED THE RISER DOWN-CORNER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE

6. BASEMENT :-

\* THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR A CAR PARKING SPACE. ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND 25mm BORE HOSE REEL HOSES WITH 8mm HOSE NOZZLES AT EACH BASEMENT LEVEL

7. LIGHTENING ARRESTER :-

\* A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED & BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN LIGHTENING STRIKES.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE :-

\* IF THE BUILDING FALL IN A CONFINED AREA OF IF FT HAS AND ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE 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 EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LAND/ING/PATHWAY/DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

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

\* ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICITY SUPPLY. (I.E. FROM POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION A SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF AT THE TIME OF FIRE.

10. IMPORTANT INSTRUCTIONS :-

\* AFTER INSPECTION OF A LOW RISE BUILDING BY THE FIRE SERVICE AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION/PROTECTION MEASURES THEN HE IS ENTITLED TO TAKE SUCH MEASURES. THE PASSIVE SYSTEMS SUCH AS SUBSTANTIAL DOOR, WINDOW PROTECTION SYSTEM, PROTECTIVE SYSTEM, SPRINKLER/DRENCHER ETC.) AS PER FIRE LOAD/FIRE RISK/PUBLIC GATHERING POTENTIAL/OCCUPANCY/CONFINED AREA, THOSE ADDITIONAL MEASURES/EQUIPMENT HAVE TO BE IMPLEMENTED INSTALLED.

NOTES:  
ALL BASEMENT PARKING AND HPP SHALL BE FULLY SPRINKLERED.  
ALL BASEMENT SHOULD HAVE POSITIVE PRESSURE VENTILATION.  
ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANT DOORS.

LEGENDS:-

- FIRE HYDRANT SYSTEM PIPE MAN SHUNT VALVE
SINGLE HANDED HYDRANT VALVE
TWO WAY STAMSE/FIRE SERVICE INLET
NON RETURN VALVE
REDUCER
FIRE HOSE BOX
HOSE REEL HOSE
D.C.P. & CO2

BUILT UP AREA CALCULATION :

Table with 2 columns: Description and Area. Includes 'FIRST BASEMENT FLOOR' with area 3426.91 SQ.MT. and 'NET BUILT UP AREA ON FIRST BASEMENT' with area 2765.27 SQ.MT.

PARKING CALCULATION (RESI.)

Table for Visitor's Parking Calculation (RESI.) showing 184.83 SQ.MT. and 125.23 SQ.MT. for two categories, totaling 310.06 SQ.MT.

TWO WHEELER PARKING CALCULATION (RESI.)

Table for Two Wheeler Parking Calculation (RESI.) showing 86.07, 33.16, 234.46, 25.82, 45.80, 163.17, and 334.39 SQ.MT. for various categories, totaling 561.85 SQ.MT.

CAR PARKING CALCULATION (RESI.)

Table for Car Parking Calculation (RESI.) showing 107.60, 856.88, 399.58, 1328.34, 177.40, 55.60, 86.07, 33.16, 212.59, 352.09, 25.82, 45.80, 17.14, 55.60, and 17.14 SQ.MT. for various categories, totaling 3593.95 SQ.MT.

TOTAL TWO.WHEEER PARKING = 561.85 SQ.MT.

PARKING CALCULATION (COMM.)

Table for Visitor's Parking Calculation (COMM.) showing 43.28, 70.83, and 57.30 SQ.MT. for three categories, totaling 171.39 SQ.MT.

TWO WHEELER PARKING CALCULATION (COMM.)

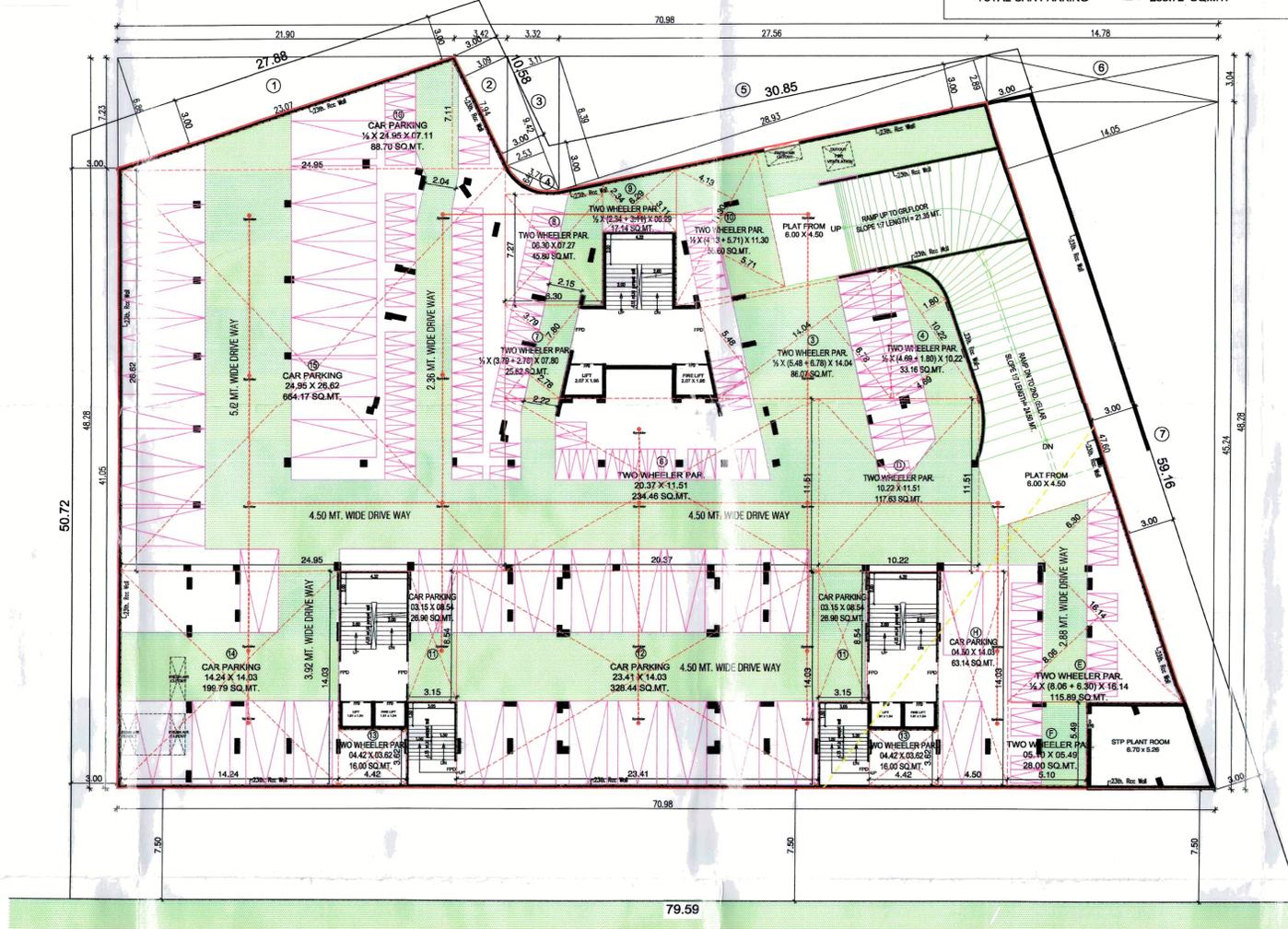
Table for Two Wheeler Parking Calculation (COMM.) showing 117.63, 115.89, and 28.00 SQ.MT. for three categories, totaling 261.52 SQ.MT.

CAR PARKING CALCULATION (COMM.)

Table for Car Parking Calculation (COMM.) showing 192.58 and 63.14 SQ.MT. for two categories, totaling 255.72 SQ.MT.

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.
ENGINEERING DRAWINGS FOR FOUNDING OPEN MAINHOLES SURVEYED BY ME ON SITE AND THE DEPTH AND POSITION OF EXISTING MAINHOLES IS VERIFIED BY ME ON SITE AND PERMITS CAN GET DRAINAGE CONNECTION.
IT IS CERTIFIED THAT ACCORDING TO C.G.D.C.R.-2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
IT IS CERTIFIED THAT ACCORDING TO THE CLAUSE NO. 4.4.3 OF THE C.G.D.C.R.-2017, THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS.
DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.11.11 AND 13.11.3 OF C.G.D.C.R.-2017.
PEDIESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.1.14 OF C.G.D.C.R.-2017.
LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017.
WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.6 OF C.G.D.C.R.-2017.
LETTER BOX FOR EACH UNIT SHALL BE PROVIDED AT GROUND FLOOR LEVEL FOR EACH UNIT.
WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY ACT-2016.
ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.13.13 OF C.G.D.C.R.-2017.
DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 13.12 OF C.G.D.C.R.-2017.
DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10 OF C.G.D.C.R.-2017.
SIGNAGES OF THE PARKING PLACES IS TO BE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.7 OF C.G.D.C.R.-2017.
ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO.13.1.6 OF C.G.D.C.R.-2017.
THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO.13.1.3 OF C.G.D.C.R.-2017.
THE STRUCTURAL DESIGN OF BUILDING IS AS PER NORMS OF SPACED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING CONSTRUCTION.
RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.2 OF C.G.D.C.R.-2017.
COMPLIANT BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.2.4 & 17.2.5 OF C.G.D.C.R.-2017.
TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO.17.4 OF C.G.D.C.R.-2017.
SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.5 OF C.G.D.C.R.-2017.
FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER 14 OF C.G.D.C.R.-2017.
FIRE SAFETY PROVISION SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2013.
MAINTENANCE AND UPGRADEMENT OF BUILDING IS AS PER CHAPTER NO.19 OF C.G.D.C.R.-2017.



FIRST BASEMENT FLOOR PLAN SCALE = 1CM. = 2.00 MT.

FIRST BASEMENT FLOOR PLAN SHEET NO :- 03 / 10

PLAN SHOWING THE PROP. RESI.+ COMM. AFFORDABLE HOUSING PROJECT ON F.P. NO.- 12, SUR. NO. - 154/3 + 154/4, FINAL T.P.S. NO. - 31 (GOTA), AT :- GOTA, TALUKA :- GHATLODIA, DIST. - AHMEDABAD. PROP. BLOCK :-

SCALE :- 1 CM = 2.00 MTS. ZONE :- RESIDENTIAL-1 USE :- RESI.+COMM.

Table for Built-up Area Table showing Approved (2466.33) and Revised (2765.27) areas in SQ.MTS.

COLOUR NOTE

- PLOT BOUNDARY
COMMON PLOT
PROPOSED WORK
PROPOSED DRAINAGE
APPROVED WORK
ROAD
FIRE SPRINKLER
P.W.
TREE

STAIR DETAIL

R.C.C.STAIR-1.50 MT. WIDE TREAD - 0.30 MT. RISER - 0.16 MT.
R.C.C.STAIR-2.00 MT. WIDE TREAD - 0.30 MT. RISER - 0.17 MT.

PINKAL R PATEL AMC LIC NO. : 0015R23022610727 45, Sarthi Part-3, Nr. Surdhara Circle, Thaltej, Ahmedabad-380054

S.O.R. DEVELOPERS

For Shlp Developers Partner PINKAL R PATEL AMC LIC NO. : 001CW05023610313 45, Sarthi Part-3, Nr. Surdhara Circle, Thaltej, Ahmedabad-380054

OWNER CLERK OF WORKS

PATEL HARDIK KANUBHAI AMC LIC NO. : ER1311221023 23, Aditya Residency, Nr. Thaltej Fire Station, Thaltej, Ahmedabad-380059
KETA V P. JOSHI S D LIC NO. : 0015R2207200042 503, Abhinay Square, Makarva, Ahmedabad.

ENGINEER. STRU.ENGINEER.

Multiple official stamps and signatures from B.P.S.P. (T.D.O.) and other authorities, including a large blue stamp from the Ahmedabad Municipal Corporation.

SCRUTINIZED COPY NO. 3677 Dt. 23/11/21 TDO, B.P.S.P., AMC

Handwritten notes in Gujarati and English, including '24.00 MT. WIDE T.P.S. ROAD' and various remarks about the plan.

PLAN SHOWING THE PROP. RESI.+ COMM. AFFORDABLE HOUSING PROJECT ON F.P. NO.- 12, SUR. NO. - 154/3 + 154/4, FINAL T.P.S. NO. - 31 (GOTA), AT :- GOTA, TALUKA :- GHATLODIA, DIST. - AHMEDABAD.

Table with columns: SCALE, ZONE, BUILT-UP AREA TABLE, APPROVED, REVISED. Values include 1 CM = 2.00 MTS, RESIDENTIAL-1, 2466.33, 2765.27.

COLOUR NOTE table with categories: PLOT BOUNDRY, COMMON PLOT, PROPOSED WORK, PROPOSED DRAINAGE, APPROVED WORK, ROAD, FIRE SPRINKLER, P.W., TREE.

STAIR DETAIL table with columns: R.C.C. STAIR, TREAD, RISER. Values include 1.50 MT, 0.30 MT, 0.16 MT, 2.00 MT, 0.30 MT, 0.17 MT.

Developer information: PINKAL R PATEL, AMC/LIC NO.: 001SR28022610727, 45, Sarthi Part-3, Nr. Surdhara Circle, Thaltej, Ahmedabad-380054.

Owner information: PINKAL R PATEL, AMC/LIC NO.: 001CW5032610313, 45, Sarthi Part-3, Nr. Surdhara Circle, Thaltej, Ahmedabad-380054.

Engineer information: KETAV P. JOSHI, S D LIC NO. 001SE22072600042, 503, Abhiyot Square, Makarba, Ahmedabad.

Authority information: Ahmedabad Municipal Corporation, Case No.: BHNTS/MWZ/251916/CDCR/A0562R/1M1, Zone: NORW WEST.

Approval and signature blocks for various officials including T.D. Sub Inspector (B.P.S.P.), T.D. Inspector (B.P.S.P.), and Asst. T.D.O. (B.P.S.P.).

NOTE:-

1. HYDRANT SYSTEM :- ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE PUMP AT THE UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUT AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL. SHALL BE INSTALLED.

2. FIRE LIFT :- THE FIRE LIFT AND ALL LIFT SHOULD HAVE A PROVISION TO GROUND AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE LIFT & IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT WELL SHOULD HAVE BLOWTOES TO PRESSURIZE THE LIFT WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATED SO THAT IT PREVENTS THE LIFT GETTING SMOKE LOADED.

3. FIRE ALARM :- FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THOUGH THE BUILDING. THE U.G. TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.

4. FIRE EXTINGUISHERS :- ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. & ONE EXINGUISHER OF KG. DRY CHEMICAL/POWDER (DCP) TO BE INSTALLED ON EACH FLOOR IN CASE OF COMM. BUILDING TWO CARBON DIOXIDE (CO2) TYPE EXINGUISHER OF 2 KG. CAPACITY ON EACH FLOOR & KG. DRY CHEMICAL/POWDER (DCP) TYPE EXINGUISHER IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS SHOULD HAVE THESE EXTINGUISHERS INSTALLED.

5. STAIR CASE :- THE STAIR CASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES IF THE STAIR CASE IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT GETTING SMOKE LOADED THE RISER DOWN-COMER IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.

6. BASEMENT :- THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR A CAR PARKING SPACE. ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25mm BORE HOSE REEL HOSES WITH 8mm BORE NOZZLES AT EACH BASEMENT LEVEL.

7. LIGHTENING ARRESTAR :- A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED & BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE :- IF THE BUILDING FALL IN A CONFINED AREA OF IF FT HAS AND ENCLOSED STAIRCASE OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE 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 EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LAND/INGPATHWAY/DEAD END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

9. ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE SAFETY SYSTEM :- ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICITY SUPPLY. (I.E. FROM POWER SUPPLY OF THE COMPANY). THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF AT THE TIME OF FIRE.

10. IMPORTANT INSTRUCTIONS :- AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICE AUTHORITY. IF THE FIRE OFFICER IS NOT SATISFIED WITH THE MEASURES FOR ADDITIONAL FIRE PREVENTION/PROTECTION MEASURES/VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM/SUPPRESSION SYSTEM/FIRE DOOR-WINDOW DETECTION SYSTEM/ACTIVE SYSTEM/SPRINKLER/RENDER ETC.) AS PER FIRE LOAD/FIRE RISK/PUBLIC GATHERING/POTENTIAL/OCCUPANCY/CONFINED AREA, THOSE ADDITIONAL MEASURES/EQUIPMENT HAVE TO BE IMPLEMENTED/INSTALLED.

LEGENDS:- FIRE HYDRANT SYSTEM PIPE MAN SLUCE VALVE SINGLE HANDED HYRANT VALVE TWO WAY STAMES/FIRE SERVICE INLET NON RETURN VALVE REDUCER FIRE HOSE BOX HOSE REEL HOSE D.C.P. & CO2

BUILT UP AREA CALCULATION table with columns: SECOND BASEMENT FLOOR, 70.98 MT. X 48.28 MT. = 3426.91 SQ.MT. LESS:- 1. 1/2 X 23.07 MT. X 0.66 MT. X 1 = 79.13 SQ.MT. 2. 1/2 X 0.74 MT. X 0.39 MT. X 1 = 12.27 SQ.MT. 3. 1/2 X (0.31 + 0.25) X 0.94 MT. = 26.56 SQ.MT. 4. 1/2 X 0.371 MT. X 0.064 MT. X 1 = 0.119 SQ.MT. 5. 1/2 X (0.839 + 0.289) X 28.93 MT. = 163.17 SQ.MT. 6. 14.78 MT. X 0.034 MT. X 1 = 44.93 SQ.MT. 7. 1/2 X 47.60 MT. X 14.05 MT. X 1 = 334.39 SQ.MT. TOTAL = 661.64 SQ.MT. NET BUILT UP AREA ON SECOND BASEMENT = 2765.27 SQ.MT.

PARKING CALCULATION (RESI.) VISITOR'S PARKING CALCULATION table with columns: 1. 11.75 MT. X 15.73 MT. X 1 = 184.83 SQ.MT. (BL-C.H.P.) 2. 14.63 MT. X 0.856 MT. X 1 = 125.23 SQ.MT. (BL-C.H.P.) TOTAL VIS. PARKING = 310.06 SQ.MT. TWO WHEELER PARKING CALCULATION table with columns: 3. 1/2 X (0.548 + 0.678) X 14.04 MT. = 86.07 SQ.MT. (1st cellar) 4. 1/2 X (0.469 + 0.180) X 10.22 MT. = 33.16 SQ.MT. (1st cellar) 5. 20.37 MT. X 11.51 MT. X 1 = 234.46 SQ.MT. (1st cellar) 6. 0.30 MT. X 0.27 MT. X 1 = 25.62 SQ.MT. (1st cellar) 7. 0.30 MT. X 0.27 MT. X 1 = 25.62 SQ.MT. (1st cellar) 8. 0.30 MT. X 0.27 MT. X 1 = 25.62 SQ.MT. (1st cellar) 9. 1/2 X (0.234 + 0.311) X 0.629 MT. = 17.14 SQ.MT. (1st cellar) 10. 1/2 X (0.413 + 0.571) X 11.30 MT. = 55.60 SQ.MT. (1st cellar) 11. 0.42 MT. X 0.832 MT. X 4 = 64.00 SQ.MT. (1st&2nd cellar) TOTAL TWO-WHEELER PARKING = 561.85 SQ.MT.

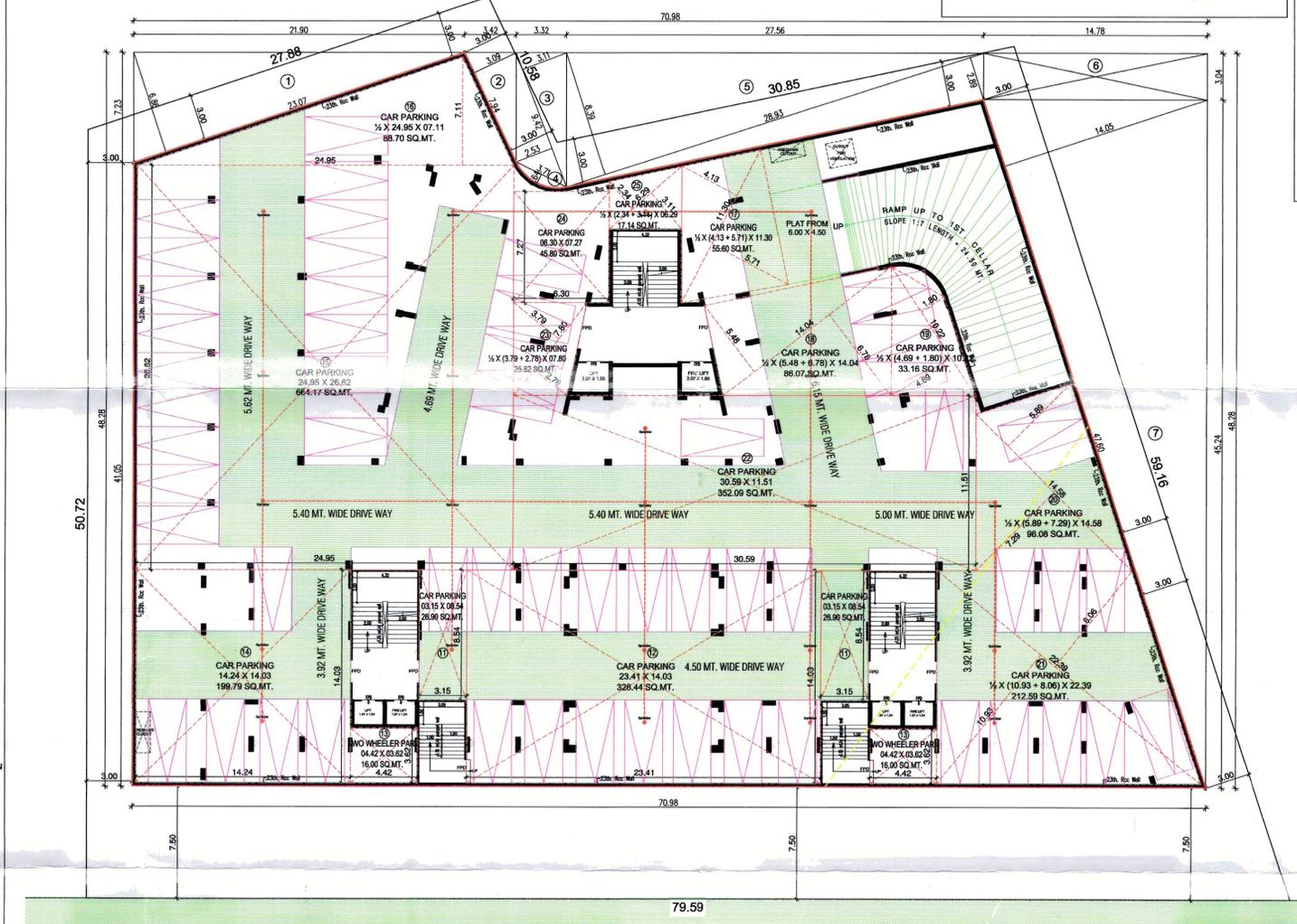
CAR PARKING CALCULATION table with columns: 11. 03.15 MT. X 0.64 MT. X 4 = 107.60 SQ.MT. (1st&2nd cellar) 12. 23.41 MT. X 14.03 MT. X 2 = 656.88 SQ.MT. (1st&2nd cellar) 14. 14.24 MT. X 14.03 MT. X 2 = 399.58 SQ.MT. (1st&2nd cellar) 15. 24.95 MT. X 26.62 MT. X 2 = 1328.34 SQ.MT. (1st&2nd cellar) 16. 1/2 X 24.95 MT. X 0.71 MT. X 2 = 177.40 SQ.MT. (1st&2nd cellar) 17. 1/2 X (0.413 + 0.571) X 11.30 MT. = 55.60 SQ.MT. (2nd cellar) 18. 1/2 X (0.548 + 0.678) X 14.04 MT. = 86.07 SQ.MT. (2nd cellar) 19. 1/2 X (0.469 + 0.180) X 10.22 MT. = 33.16 SQ.MT. (2nd cellar) 20. 1/2 X (0.589 + 0.729) X 14.58 MT. = 96.08 SQ.MT. (2nd cellar) 21. 1/2 X (10.93 + 0.806) X 22.39 MT. = 212.59 SQ.MT. (2nd cellar) 22. 30.59 MT. X 11.51 MT. X 1 = 352.09 SQ.MT. (2nd cellar) 23. 1/2 X (0.379 + 0.278) X 0.780 MT. = 25.62 SQ.MT. (2nd cellar) 24. 0.630 MT. X 0.27 MT. X 1 = 45.80 SQ.MT. (2nd cellar) 25. 1/2 X (0.234 + 0.311) X 0.629 MT. = 17.14 SQ.MT. (2nd cellar) TOTAL CAR PARKING = 3593.95 SQ.MT.

PARKING CALCULATION (COMM.) VISITOR'S PARKING CALCULATION table with columns: A. 14.42 MT. X 0.30 MT. X 1 = 43.26 SQ.MT. (front margin) B. 23.61 MT. X 0.30 MT. X 1 = 70.83 SQ.MT. (front margin) C. 19.10 MT. X 0.30 MT. X 1 = 57.30 SQ.MT. (front margin) TOTAL VIS. PARKING = 171.39 SQ.MT. TWO WHEELER PARKING CALCULATION table with columns: D. 0.450 MT. X 14.03 MT. X 1 = 117.63 SQ.MT. (1st cellar) E. 1/2 X (0.806 + 0.630) X 16.14 MT. = 115.89 SQ.MT. (1st cellar) F. 0.510 MT. X 0.549 MT. X 1 = 28.00 SQ.MT. (1st cellar) TOTAL TWO-WHEELER PARKING = 261.52 SQ.MT.

CAR PARKING CALCULATION table with columns: G. 1/2 X (0.899 + 0.731) X 23.63 MT. = 192.58 SQ.MT. (C.P.) H. 0.450 MT. X 14.03 MT. X 1 = 63.14 SQ.MT. (1st cellar) TOTAL CAR PARKING = 255.72 SQ.MT.

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 MARGINAL SPACE AND MARGIN. THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOSE IS VERIFIED BY ME ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION. IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R.-2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN. IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.4.3 OF THE C.G.D.C.R.-2017, THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS. DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.1.1 AND 13.1.3 OF C.G.D.C.R.-2017. PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.1.14 OF C.G.D.C.R.-2017. LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017. WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.6 OF C.G.D.C.R.-2017. LETTER BOX FOR EACH UNIT SHALL BE PROVIDED AT GROUND FLOOR LEVEL FOR EACH UNIT. WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY ACT-2016. ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.13.11 OF C.G.D.C.R.-2017. DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 13.6.2 OF C.G.D.C.R.-2017. DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10OF C.G.D.C.R.-2017. SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.7 OF C.G.D.C.R.-2017. ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO.13.3.6 OF C.G.D.C.R.-2017. THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO.13.1.3 OF C.G.D.C.R.-2017. THE STRUCTURAL DESIGN OF BUILDING IS AS PER NORMS OF SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING CONSTRUCTION. RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.2 OF C.G.D.C.R.-2017. COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.2.4 & 17.2.5 OF C.G.D.C.R.-2017. TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO.17.4 OF C.G.D.C.R.-2017. SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.5 OF C.G.D.C.R.-2017. FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER 14 OF C.G.D.C.R.-2017. FIRE SAFETY PROVISION SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2017. MAINTENANCE AND UPGRADEMENT OF BUILDING IS AS PER CHAPTER NO.19 OF C.G.D.C.R.-2017.



SECOND BASEMENT FLOOR PLAN SCALE = 1 CM. = 2.00 MT. 24.00 MT. WIDE T.P.S. ROAD

SCRUTINIZE COPY No 3677 Dt. 23/11/21 TDO, B.P.S.P., AMC

Handwritten notes in Gujarati: નકલ સિવાય કોઈ સંસ્કરણ/સુધારા નહીં કરવામાં આવે. આ દસ્તાવેજ અધિકારીના સહયોગે જારી કરવામાં આવેલ છે. અધિકારીની સહાયતા વિના કોઈ સંસ્કરણ/સુધારા કરવામાં આવતી તો તે અસરકારક ગણવામાં આવશે.

Official stamps and signatures of the Ahmedabad Municipal Corporation and various inspectors.