

NOTES:-

- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MANHOLE IS VERIFIED ON SITE AND PROPOSED CAN BE SET DOWNWARD CONNECTION
- IT IS CERTIFIED THAT ACCORDING TO GOVT 2001 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTION ARE TAKEN
- DESIGN OF STAIRCASE AND RAMPING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.1 OF GOVT 2001
- WATER TANK PROVIDE AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF GOVT 2001
- SEPARATE LETTER BOXES PROVIDED AT GROUND LEVEL FOR EACH UNIT
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHAPTER NO. 24 OF GOVT 2001
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
- DRAINAGE WATER FACILITY FOR DRAINAGE PROVISION IS PROVIDED AS PER CLAUSE NO. 23.6.2
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10
- SIGNAGES OF THE PARKING PLACES IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.17 OF THE GOVT 2001
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER CLAUSE NO. 23.17.2 OF GOVT 2001
- THE PAVING OF BUILDING UNITS, LOT AS PER THE PROVISION OF THE CLAUSE NO. 23.14 OF GOVT 2001
- THE STRUCTURE OF THE BUILDING IS FOR THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND TAKE NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 23.7.3 OF GOVT 2001
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.7.3 OF GOVT 2001
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 23.7.3 OF GOVT 2001
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 24 OF GOVT 2001
- MAINTENANCE AND UPGRADEMENT OF BUILDING IS PER CHAPTER NO. 29 OF GOVT 2001
- ALL EXITS PASS THROUGH FIRE WALLS OR DOORS OPENING AROUND THE DUCT SHALL BE SEALED WITH MATERIAL HAVING FIRE RESISTANCE (24 HRS)
- WHOLE OF THE BUILDING ALL ENCLOSURES PROVIDE AS SMOKE PROOF ON ALL FLOORS INCLUDING OFFICES
- PROVIDED LIFT CAPACITY SHALL BE 13.20 PERSON

FIRE NOTES:-

- (1) HYDRANT WITH PUMP AT THE U/G TANK, OF A CAPACITY OF 900 LITRES PER MINUTE WITH MINIMUM 3 BAR PRESSURE MEASURED AT TERRACE LEVELS WITH HYDRANT VALVE HOSE REEL HOSE, ON/OFF SWITCH AT EACH FLOOR LEVELS
- (2) ULTRA HIGH PRESSURE FIRE FIGHTING SYSTEM WITH A PUMP OF 100 LITRES PER MINUTE @ 100 BAR PRESSURE WITH FOG GUNS AND HOSE REELS AND ON/OFF SWITCHES AT EACH FLOOR LEVEL
- (3) THE LIFTS AND THE LIFT WELLS COMING FROM UPPER FLOORS SHALL END AT THE GROUND LEVEL ONLY, ON ALTERNATELY FOR LIFTS COMING DOWN TO BASEMENT OF THIS BUILDING SHALL BE COVERED WITH TWO HOUSERS FIRE RESISTANT DOORS DOOR CONSTRUCTION FROM ALL SIDES AT THE BASEMENT LEVELS AND THEIR ENTRANCE AT THE BASEMENT LEVEL SHALL BE ADDITIONALLY PROTECTED BY SPRINKLERS
- (4) THE STAIRCASE / STAIRWELL FROM HIGHER FLOORS SHALL END AT GROUND LEVEL ONLY SEPARATE STAIR SHALL BE PROVIDED FOR ACCESS TO BASEMENT FROM GROUND FLOOR
- (5) OPEN SPACE AROUND THE BUILDING (MARGIN SPACES) SHALL BE MINIMUM 10 METRES MEASURED FROM THE COLUMN OF THE BUILDING
- (6) THE STAIRCASE SHALL BE OPEN PREFERABLY CROSS VENTILATED ABOVE THE PARAPET WALL IF THE STAIRCASE NEEDS TO BE COVERED IT CAN BE COVERED LOUVERS OR GRILLS
- (7) ALL FLOORS CONNECTING THE STAIRCASE THERE SHALL BE 2 HOURS FIRE RESISTANT SELF CLOSING DOORS INSTALLED TO PREVENT FIRE OR SMOKE READING THE STAIRCASE
- (8) WIDTH OF THE STAIRCASE SHALL BE MINIMUM 2 METRES NARROW TO INSIDE
- (9) WHOLE OF THE BUILDING ALL ENCLOSURES AT ALL FLOORS INCLUDING THE BASEMENT SHALL BE PROTECTED BY SPRINKLER SYSTEM WITH 57 DEGREE CEILING SPRINKLER HEADS) ALONG WITH THE HYDRANT, HOSE REELS, EXTINGUISHERS ETC.
- (10) BASEMENT SHALL HAVE NATURAL VENTILATION PROVIDED OR MECHANICAL VENTILATION WITH DUCTS TO HAVE 6 AIR CHANGES PER HOUR

COMMUNITY BIN CALC. (COMMERCIAL)

TOTAL COMM. FL. AREA = 30207.82 SQ.MT

CONTAINER REQD = 100.00 SQ.MT = 1 NOS. (20 LTRS CAP)

302.08 SAY 303 NOS CONTAINER BIN REQ. (CAP. 20 LIT)

MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.

76 NOS CONTAINER BIN PROVI. FOR COMM. (CAP. 80.00 LIT)

PERCOLATING WELL CALC:-

REQ. 100 PERSON = 1 URINAL & 1 W.C.

REQ. 4 SQ.MT. F.A. = 1 PERSON

TOTAL FLOOR AREA = 4143.71 SQ.MT.

4143.71 / 4 = 1035.93 PERSON

SAY REQ. P. WELL = 3 NOS.

PROVI. P. WELL = 3 NOS.

THREE PLANTATION CAL. :-

PLOT AREA = 7037.00 SQ.MT

200.00 SQ.MT. = 3 NOS. TREE REQ.

11718.00 / 200 x 3 = 175.77 NOS.

SAY 176 NOS. TREE

PROVIDE 176 NOS. TREE

COMMON PLOT AREA CALC.

REQ. C.P. 10% OF PLOT AREA

= 0.10 x 11718.00 = 1171.80 Sq.Mt

C.P. AREA PROVIDED

C.P. - A - 14.95 x 27.68 = 413.82 Sq.Mt

C.P. - B - 24.40 x 23.27 = 567.79 Sq.Mt

C.P. - C - 10.00 x 22.05 = 220.50 Sq.Mt

NET C.P. PROV. = 1202.11 Sq.Mt

SANITARY PROVISION: BLOCK - A

REQ. 100 PERSON = 1 URINAL & 1 W.C.

REQ. 4 SQ.MT. F.A. = 1 PERSON

TOTAL FLOOR AREA = 4143.71 SQ.MT.

4143.71 / 4 = 1035.93 PERSON

SAY REQ. P. WELL = 3 NOS.

PROVI. P. WELL = 3 NOS.

SANITARY PROVISION: BLOCK - B

REQ. 100 PERSON = 1 URINAL & 1 W.C.

REQ. 4 SQ.MT. F.A. = 1 PERSON

TOTAL FLOOR AREA = 10265.86 SQ.MT.

10265.86 / 4 = 2566.47 PERSON

REQ. 1 W.C. / 100 PERSON PER GENDER

USERS MALE FEMALE G. TOILET @ 25%

3813.97 3813.97 1525.59

REQ. W.C. 1525.59

PROVI. W.C. 1525.59

1 TOILET EACH UNIT 20

SANITARY PROVISION: BLOCK - C

REQ. 100 PERSON = 1 URINAL & 1 W.C.

REQ. 4 SQ.MT. F.A. = 1 PERSON

TOTAL FLOOR AREA = 261.64 SQ.MT.

261.64 / 4 = 65.41 PERSON

REQ. 1 W.C. / 100 PERSON PER GENDER

USERS MALE FEMALE G. TOILET @ 25%

66 66 26

REQ. W.C. 26

PROVI. W.C. 26

1 TOILET EACH UNIT 1

UNIT, USE AND FLOOR AREA TABLE (IN SQ.MTS.)

FLOOR	USE	UNIT	BLOCK - A		BLOCK - B		BLOCK - C		BLOCK - D		TOTAL (EXI+APP.)		TOTAL (EXI+REVI+PROP.)			
			USE	UNIT	USE	UNIT	USE	UNIT	USE	UNIT	USE	UNIT	USE	UNIT		
G.FLOOR	CORP	02	235.64	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
1st.FLOOR	-	-	235.64	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
2nd.FLOOR	-	-	235.64	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
3rd.FLOOR	-	-	235.64	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
4th.FLOOR	OFFICE	02	300.18	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
5th.FLOOR	OFFICE	02	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
6th.FLOOR	OFFICE	02	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
7th.FLOOR	OFFICE	02	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
8th.FLOOR	OFFICE	02	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
9th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
10th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
11th.FLOOR	OFFICE	02	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
12th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
13th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
14th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
15th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
16th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
17th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
18th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
19th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
20th.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
21st.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
22nd.FLOOR	OFFICE	04	322.33	02	451.38	02	624.61	02	68.39	COMM.	193.49	02	928.64	02	1053.74	
TOTAL	OFFICE	30	4143.71	OFFICE	193	1525.59	CORP.	01	261.64	COMM.	01	776.24	224	19661.21	311	20175.81

BUILT UP AREA TABLE

FLOOR	BLOCK - A (EXI)	BLOCK - B (EXI)	BLOCK - C (APP.)	BLOCK - D (REVISE)	ELE. S.S. (APP.)	ELE. S.S. (REV.)	TOTAL	
							EXI + REVI + PROP.	EXI + REVI + PROP.
2nd BASEMENT	5294.72	5294.72	5294.72	5294.72	5294.72	5294.72	5294.72	
1st BASEMENT	5294.72	5294.72	5294.72	5294.72	5294.72	5294.72	5294.72	
GR.FL. ON H.P.	790.92	790.92	790.92	790.92	790.92	790.92	790.92	
GR.FL. ON S.P.	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
1st FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
2nd FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
3rd FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
4th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
5th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
6th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
7th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
8th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
9th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
10th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
11th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
12th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
13th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
14th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
15th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
16th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
17th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
18th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
19th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
20th FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
21st FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
22nd FLOOR	419.22	419.22	419.22	419.22	419.22	419.22	419.22	
STAIR CABIN	53.80	53.80	53.80	53.80	53.80	53.80	53.80	
L.M.R. & O.H.W.T	21.40	21.40	21.40	21.40	21.40	21.40	21.40	
TOTAL	16633.72	16633.72	16633.72	16633.72	16633.72	16633.72	16633.72	

F.S.I. AREA TABLE

FLOOR	BLOCK - A (EXI)	BLOCK - B (EXI)	BLOCK - C (APP.)	BLOCK - D (REVISE)	TOTAL	
					EXI + REVI + PROP.	EXI + REVI + PROP.
GR.FL. ON S.P.	244.33	244.33	244.33	244.33	244.33	244.33
1st FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
2nd FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
3rd FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
4th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
5th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
6th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
7th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
8th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
9th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
10th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
11th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
12th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
13th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
14th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
15th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
16th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
17th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
18th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
19th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
20th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
21st FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
22nd FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
TOTAL F.S.I.	4252.00	4252.00	4252.00	4252.00	4252.00	4252.00

IN SQ.MTS.

FLOOR	BLOCK - A (EXI)	BLOCK - B (EXI)	BLOCK - C (APP.)	BLOCK - D (REVISE)	TOTAL	
					EXI + REVI + PROP.	EXI + REVI + PROP.
GR.FL. ON S.P.	244.33	244.33	244.33	244.33	244.33	244.33
1st FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
2nd FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
3rd FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
4th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
5th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
6th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
7th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
8th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
9th FLOOR	244.33	244.33	244.33	244.33	244.33	244.33
10th FLOOR	244.33	244.33	244.33	244.33</		