

SEVENTH SCHEDULE : CALCULATION OF OCCUPANT LOAD AND CAPACITY OF EXITS.

LEVEL/ TOTAL FLOOR	USAGE	FLOOR AREA	OCCUPANCY LOAD FACTOR	NO. OF PERSON	EXIT CAPACITY	UNIT WIDTH REQUIRED	NO. OF STAIR PROVIDED WIDTH OF EACH STAIR TOTAL WIDTH PROVIDED	REMARKS
1	I. OFFICE	3865.00 M2	10	3865.0/10 = 386.5	60 (STAIRCASE)	1158.080 = 19.3 U = 19.3 U X 550 MM WIDTH REQ = 10615.00 MM	7 NOS OF STAIR PROVIDED 7 X 1900 = 13300.0 MM/550 = 24.18 U	ADEQUATE
	II. CLASSROOM	1544.00 M2	2 NET	1544.00/2 = 772.0				
2	I. OFFICE	3959.00 M2	10	3959.0/10 = 395.9	60 (STAIRCASE)	1340.080 = 22.3 U = 22.3 U X 550 MM WIDTH REQ = 12293.30 MM	8 NOS OF STAIR PROVIDED 7 X 1900 = 13300.0 MM 1 X 1900 = 1000.0 MM = 14800.0 MM/550 = 26.9 U	ADEQUATE
	II. CLASSROOM	1890.00 M2	2 NET	1890/2 = 945.0				
	III. MULTI PURPOSE HALL	556.00 M2	-	500	100 (DOOR)	500 / 100 = 5 X 550 WIDTH REQ = 2760 MM	4 NOS WIDE DOOR = 4 X 1500 = 6000 MM	
3	I. OFFICE	3548.00 M2	10	3548.00/10 = 354.8	60 (STAIRCASE)	1204.800 = 20.2 U = 20.2 U X 550 MM WIDTH REQ = 11044.00 MM	7 NOS OF STAIR PROVIDED 7 X 1900 = 13300.0 MM/550 = 24.18 U	ADEQUATE
	II. CLASSROOM	1700.00 M2	2 NET	1700/2 = 850.0				
4	I. OFFICE	3959.00 M2	10	3959.0/10 = 395.9	60 (STAIRCASE)	894.80 = 14.9 U = 14.9 U X 550 MM WIDTH REQ = 8195.00 MM	7 NOS OF STAIR PROVIDED 7 X 1900 = 13300.0 MM/550 = 24.18 U	ADEQUATE
	II. CLASSROOM	1000.00 M2	2 NET	1000/2 = 500.0				
	III. LEC. HALL / ASSEMBLY	300.00 M2	1.5 NET	250	100 (DOOR)	250 / 100 = 2.5 X 550 WIDTH REQ = 1375 MM	4 NOS WIDE DOOR = 4 X 1500 = 6000 MM	
5	I. OFFICE	2544.00 M2	10	2544.0/10 = 254.4	60 (STAIRCASE)	654.400 = 10.9 U = 10.9 U X 550 MM WIDTH REQ = 5998.60 MM	7 NOS OF STAIR PROVIDED 7 X 1900 = 13300.0 MM/550 = 24.18 U	ADEQUATE
	II. CLASSROOM	800.00 M2	2 NET	800/2 = 400.0				
	III. CONFERENCE / ASSEMBLY	371.00 M2	-	200	100 (DOOR)	200 / 100 = 2 X 550 WIDTH REQ = 1100 MM	4 NOS WIDE DOOR = 4 X 1500 = 6000 MM	

LEVEL 2
SCALE 1:10

CONSTRUCTION USE