

Note:-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTHQUAKE RESISTANCE
2. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM ON ALL FLOORS
3. BUILDING IS ARTIFICIALLY LIGHTED MECHANICALLY VENTILATED & CENTRALLY AIRCONDITIONED WITH 100% POWER BACKUP

LEGEND:-

2 nd FLOOR AREA (BLOCK-1A)									
GROSS - A									
A1 = 1 X	28.110	X	28.120	=	818.563	SGM			
A5 = 0.5 X	21.580	X	5.980	=	84.524	SGM			
			TOTAL	=	883.087	SGM			
GROSS - C									
C1 = 1 X	0.620	X	1.200	=	1.968	SGM			
C2 = 1 X	0.600	X	1.200	=	0.720	SGM			
C3 = 1 X	0.570	X	1.200	=	0.684	SGM			
			TOTAL	=	3.363	SGM			
FAR AREA OF 2 nd FLOOR (BLOCK-1A)									
			GROSS - A	+ GROSS - B	+ GROSS - C				
			= 883.087	+ 171.120	=	1054.207	SGM		

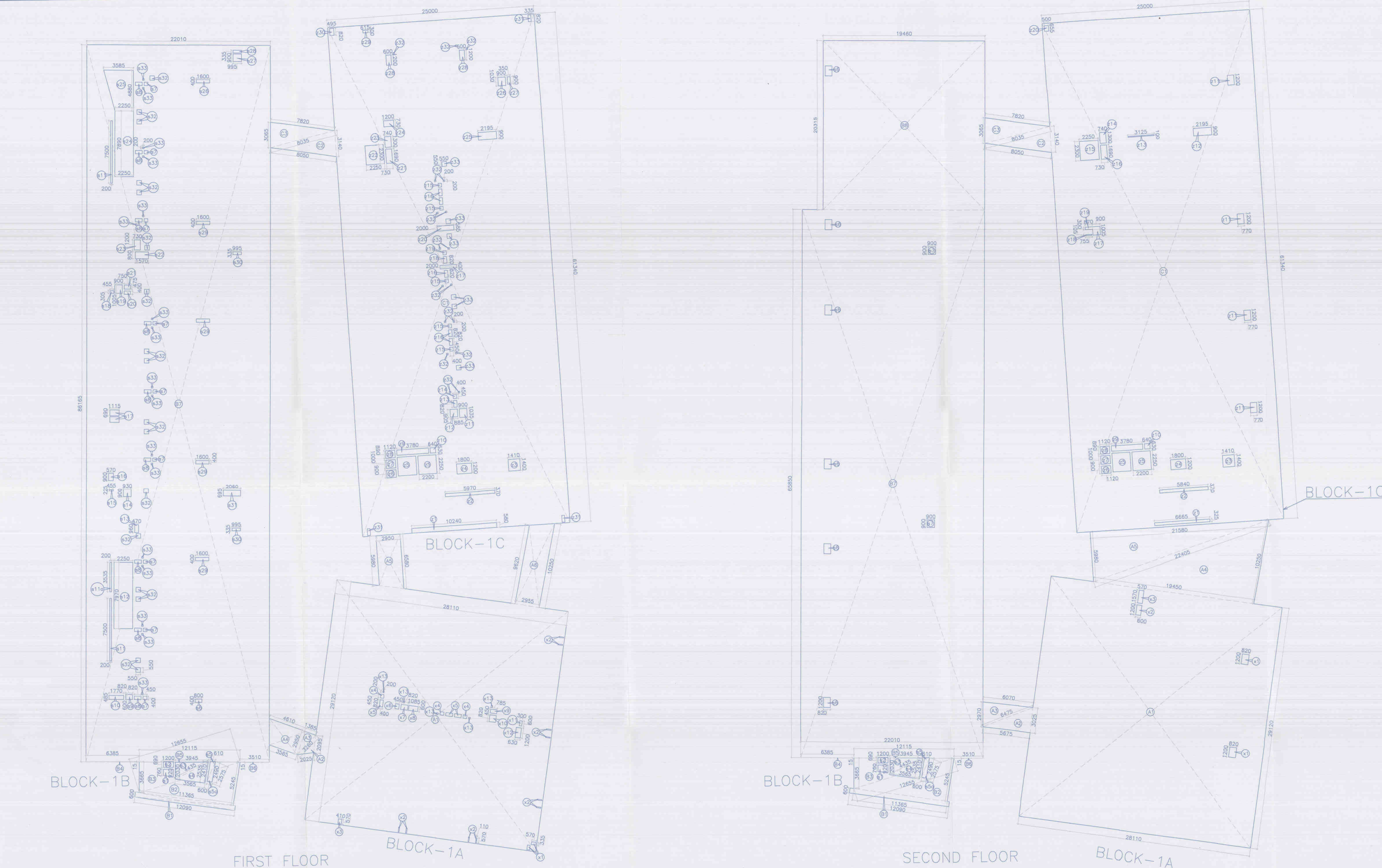
NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S-C)	Area
GROSS - B						
B2 = 0.875	+ 6.475	+ 3.025	/ 2	= 7.588	73.655	8.582
B3 = 0.070	+ 6.475	+ 2.970	/ 2	= 7.758	80.377	8.995
A4 = 19.450	+ 10.250	+ 22.405	/ 2	= 26.053	9914.685	99.573
			TOTAL	=	117.120	SGM

2 nd FLOOR AREA (BLOCK-1B)									
GROSS - A									
B1 = 1 X	12.090	X	0.600	=	7.254	SGM			
B2 = 0.5 X	12.115	X	3.365	=	22.201	SGM			
B4 = 0.5 X	8.385	X	0.015	=	0.048	SGM			
B5 = 1 X	12.115	X	0.015	=	0.182	SGM			
B6 = 0.5 X	3.510	X	0.015	=	0.028	SGM			
B7 = 1 X	22.010	X	66.660	=	1449.350	SGM			
B8 = 1 X	19.460	X	20.910	=	1874.390	SGM			
			TOTAL	=	1874.390	SGM			
GROSS - C									
C1 = 0.5 X	0.920	X	1.200	=	1.008	SGM			
C2 = 1 X	1.200	X	0.600	=	0.828	SGM			
C3 = 0.5 X	3.945	X	2.030	=	4.004	SGM			
C4 = 0.5 X	0.620	X	1.200	=	0.369	SGM			
C5 = 2 X	0.900	X	0.900	=	1.620	SGM			
			TOTAL	=	13.334	SGM			
FAR AREA OF 2 nd FLOOR (BLOCK-1B)									
			GROSS - A	+ GROSS - B	+ GROSS - C	+ GROSS - D			
			= 1874.390	+ 29.792	+ 13.334	=	1917.516	SGM	

NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S-C)	Area
GROSS - B						
B2 = 12.055	+ 5.245	+ 11.365	/ 2	= 14.653	887.588	29.792
			TOTAL	=	887.588	29.792
GROSS - D						
D4 = 4.425	+ 3.385	+ 2.935	/ 2	= 5.598	20.400	4.517
D5 = 2.410	+ 0.910	+ 2.575	/ 2	= 2.798	0.528	0.728
D6 = 2.975	+ 0.600	+ 2.490	/ 2	= 2.633	0.858	0.747
			TOTAL	=	5.990	SGM

2 nd FLOOR AREA (BLOCK-1C)									
GROSS - A									
C1 = 1 X	25.000	X	61.340	=	1533.300	SGM			
			TOTAL	=	1533.300	SGM			
GROSS - C									
C1 = 1 X	0.885	X	0.325	=	2.166	SGM			
C2 = 1 X	0.840	X	0.370	=	2.161	SGM			
C3 = 1 X	1.410	X	1.400	=	1.974	SGM			
C4 = 1 X	1.800	X	1.200	=	2.160	SGM			
C5 = 2 X	2.200	X	2.250	=	6.900	SGM			
C6 = 1 X	1.120	X	0.800	=	1.008	SGM			
C7 = 1 X	1.120	X	1.000	=	1.120	SGM			
C8 = 1 X	1.120	X	0.800	=	0.997	SGM			
C9 = 1 X	3.380	X	0.630	=	2.261	SGM			
C10 = 1 X	0.640	X	0.630	=	0.403	SGM			
C11 = 4 X	0.770	X	1.200	=	3.696	SGM			
C12 = 1 X	2.185	X	0.900	=	1.975	SGM			
C13 = 1 X	3.125	X	0.100	=	0.313	SGM			
C14 = 1 X	0.140	X	1.300	=	0.182	SGM			
C15 = 1 X	2.280	X	2.300	=	5.175	SGM			
C16 = 1 X	0.730	X	1.690	=	1.234	SGM			
C17 = 1 X	0.800	X	1.000	=	0.800	SGM			
C18 = 1 X	0.705	X	0.125	=	0.079	SGM			
C19 = 1 X	0.870	X	0.300	=	0.261	SGM			
C20 = 1 X	0.350	X	0.650	=	0.228	SGM			
			TOTAL	=	39.187	SGM			
FAR AREA OF 2 nd FLOOR (BLOCK-1C)									
			GROSS - A	+ GROSS - B	+ GROSS - C				
			= 1533.300	+ 24.274	=	1557.574	SGM		

NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S-C)	Area
GROSS - B						
B2 = 8.050	+ 3.140	+ 8.035	/ 2	= 9.813	153.355	12.384
B3 = 7.820	+ 3.085	+ 8.035	/ 2	= 9.813	141.381	11.890
			TOTAL	=	24.274	SGM



1 st FLOOR AREA (BLOCK-1A)									
GROSS - A									
A1 = 1 X	28.110	X	28.120	=	818.563	SGM			
A4 = 0.5 X	4.810	+ 3.565	X	2.960	=	12.058	SGM		
A5 = 0.5 X	5.560	+ 5.980	X	2.960	=	16.058	SGM		
A6 = 0.5 X	9.020	+ 10.250	X	2.960	=	26.358	SGM		
			TOTAL	=	876.586	SGM			
GROSS - C									
C1 = 2 X	0.670	X	0.335	=	0.362	SGM			
C2 = 1 X	0.110	X	0.110	=	0.027	SGM			
C3 = 1 X	0.410	X	0.570	=	0.234	SGM			
C4 = 3 X	0.400	X	0.480	=	0.540	SGM			
C5 = 3 X	0.400	X	0.480	=	0.540	SGM			
C6 = 1 X	0.450	X	0.800	=	0.360	SGM			
C7 = 1 X	0.450	X	0.800	=	0.360	SGM			
C8 = 1 X	1.095	X	0.800	=	0.861	SGM			
C9 = 1 X	0.785	X	0.400	=	0.313	SGM			
C10 = 1 X	0.785	X	0.800	=	0.644	SGM			
C11 = 1 X	0.300	X	0.600	=	0.180	SGM			
C12 = 1 X	0.630	X	1.200	=	0.768	SGM			
C13 = 5 X	0.200	X	0.200	=	0.200	SGM			
			TOTAL	=	6.313	SGM			
FAR AREA OF 1 st FLOOR (BLOCK-1A)									
			GROSS - A	+ GROSS - B	+ GROSS - C				
			= 876.586	+ 4.996	=	881.582	SGM		

NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S-C)	Area
GROSS - B						
B2 = 2.025	+ 3.200	+ 2.925	/ 2	= 3.890	4.214	2.043
B3 = 1.955	+ 3.200	+ 2.925	/ 2	= 3.795	4.173	2.043
			TOTAL	=	4.996	SGM

1 st FLOOR AREA (BLOCK-1B)									
GROSS - A									
B1 = 1 X	12.090	X	0.600	=	7.254	SGM			
B2 = 0.5 X	12.115	X	3.365	=	22.201	SGM			
B4 = 0.5 X	8.385	X	0.015	=	0.048	SGM			
B5 = 1 X	12.115	X	0.015	=	0.182	SGM			
B6 = 0.5 X	3.510	X	0.015	=	0.028	SGM			
B7 = 1 X	22.010	X	66.660	=	1449.350	SGM			
			TOTAL	=	1628.382	SGM			
GROSS - C									
C1 = 0.5 X	0.920	X	1.200	=	1.008	SGM			
C2 = 1 X	1.200	X	0.600	=	0.828	SGM			
C3 = 0.5 X	3.945	X	2.030	=	4.004	SGM			
C4 = 0.5 X	0.620	X	1.200	=	0.369	SGM			
C5 = 2 X	0.900	X	0.900	=	1.620	SGM			
C6 = 1 X	0.620	X	0.800	=	0.504	SGM			
C7 = 1 X	0.620	X	0.800	=	0.504	SGM			
C8 = 1 X	1.775	X	0.465	=	0.819	SGM			
C9 = 2 X	0.200	X	0.200	=	0.200	SGM			
C10 = 1 X	0.200	X	0.200	=	0.200	SGM			
C11 = 1 X	0.200	X	0.200	=	0.200	SGM			
C12 = 1 X	0.200	X	0.200	=	0.200	SGM			
C13 = 1 X	0.200	X	0.200	=	0.200	SGM			
C14 = 1 X	0.200	X	0.200	=	0.200	SGM			
C15 = 1 X	0.200	X	0.200	=	0.200	SGM			
C16 = 1 X	0.200	X	0.200	=	0.200	SGM			
C17 = 2 X	1.115	X	0.800	=	1.838	SGM			
C18 = 1 X	0.800	X	0.800	=	0.640	SGM			
C19 = 1 X	0.800	X	0.800	=	0.640	SGM			
C20 = 1 X	0.800	X	0.800	=	0.640	SGM			
C21 = 1 X	0.800	X	0.800	=	0.640	SGM			
C22 = 1 X	0.800	X	0.800	=	0.640	SGM			
C23 = 1 X	0.800	X	0.800	=	0.640	SGM			
C24 = 1 X	0.800	X	0.800	=	0.640	SGM			
C25 = 1 X	0.800	X	0.800	=	0.640	SGM			
C26 = 1 X	0.800	X	0.800	=	0.640	SGM			
C27 = 1 X	0.800	X	0.800	=	0.640	SGM			
C28 = 1 X	0.800	X	0.800	=	0.640	SGM			
C29 = 1 X	0.800	X	0.800	=	0.640	SGM			
C30 = 1 X	0.800	X	0.800	=	0.640	SGM			
C31 = 3 X	0.335	X	0.600	=	0.604	SGM			
C32 = 17 X	0.200	X	0.200	=	3.440	SGM			
C33 = 5 X	0.200	X	0.200	=	1.000	SGM			
			TOTAL	=	65.138	SGM			
FAR AREA OF 1 st FLOOR (BLOCK-1B)									
			GROSS - A	+ GROSS - B	+ GROSS - C	+ GROSS - D			
			= 1628.382	+ 4.996	+ 65.138	=	1700.516	SGM	

NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S- C)	Area
GROSS - B						
B2	12.055	+ 11.365	+ 5.245	/ 2 =	14.653	887.588
				TOTAL	=	29.792
						SQM
						SQM
NO.	A	B	C	s	AREA OF = S(S-A)(S-B)(S- C)	Area
GROSS - D						
4.435	+ 3.565	+ 2.535	/ 2 =	5.568	20.400	4.517
s5	2.470	+ 0.610	+ 2.575	/ 2 =	2.968	0.528
					0.728	SQM
s5a	2.410	+ 0.600	+ 2.650	/ 2 =	2.783	0.558
					0.747	SQM
						SQM