

FAN COIL UNITS SCHEDULE 2ND FLOOR						
FAN COIL NO	HEATING LOAD (W)	COOLING LOAD (W)	WATER FLOW RATE	PIPE CONNECTION (mm)	POWER CONSUMPTION (PH 220 V, 50 HZ)	AIR FLOW RATE (CFM)
FCU1	18027	24435	0.97	50	400	2780
FCU2	15581	22120	0.9	50	400	2620
FCU3	16369	19463	0.77	40	300	2210
FCU4	16938	18190	0.72	40	300	2070
FCU5	12500	14740	0.58	40	300	1670
FCU6	13857	18226	0.72	40	300	2070
FCU7	8729	11725	0.58	40	300	1670
FCU8	19900	20296	0.8	40	400	2300

4-WAY SUPPLY AIR DIFFUSERS SCHEDULE						
DIFFUSER NO	DIM (MM)	VELOCITY (F.P.M)	MAX AIR FLOW RATE (CFM)	NEGATIVE STATIC PRESSURE IN W.G.	LOCATION	NOTES
S1	150 X 150	500	120	WITH DAMPER		
S2	230 X 230	500	280	WITH DAMPER		
S3	300 X 300	500	500	WITH DAMPER		
S4	380 X 380	500	780	WITH DAMPER		
S5	460 X 460	500	1120	WITH DAMPER		
S6	530 X 530	500	1530	WITH DAMPER		

RETURN OR EXHAUST AIR GRILLES SCHEDULE

GRILLE NO	DIM (MM)	VELOCITY (F.P.M)	MAX AIR FLOW RATE (CFM)	NEGATIVE STATIC PRESSURE IN W.G.
R1 E1	150 X 150	300	100	0.07
R2 E2	230 X 230	300	205	0.07
R3 E3	300 X 300	300	325	0.07
R4 E4	380 X 380	300	475	0.07
R5 E5	460 X 460	300	670	0.07
R6 E6	530 X 530	300	920	0.07
R7 E7	610 X 610	300	1150	0.07

SCHEDULE OF FANS FOR 2ND FLOOR

FAN NO	TYPE OF MOUNT	AIR FLOW RATE (CFM)	ELECTRICAL SPECIFICATIONS (PH V / HZ / W)	STATIC PRESSURE IN W.G.	LOCATION	SHUTTER	FUNCTION	QUANTITY
F1	WINDOW	64	1 220 50 100		2nd F	AUTOMATIC	EXHAUST	1
F2	WALL	536	1 220 50 200	0.13	2nd F	AUTOMATIC	EXHAUST	1
F3	WINDOW	260	1 220 50 150		2nd F	AUTOMATIC	EXHAUST	8
F4	WINDOW	97	1 220 50 100		2nd F	AUTOMATIC	EXHAUST	2

SCHEDULE OF PUMPS FOR 2ND FLOOR

PUMP NO	FLOW RATE (L/S)	HEAD (M)	ELECTRICAL SPECIFICATION (PH V / HZ)	POWER CONSUMPTION (W)	FUNCTION	QUANTITIES	LOCATION	NOTES
P1	4	30	3 / 400 50	3000	SUPPLYING COLD WATER	2	ROOF	AUTOMATIC PRESS. PUMP

FOR PUMPS (P1) ONE IS WORKING & THE OTHER IS STAND BY

SCHEDULE OF EQUIPMENTS FOR 2ND FLOOR

EQUIPMENT	CAPACITY	DIMENSIONS (mm)	QUANTITIES	LOCATION	TYPE / FUNCTION	NOTES
ELECTRICAL WATER HEATER	80 L		2		SUPPLYING HOT WATER	
ELECTRIC WATER HEATER	50 L		1		SUPPLYING HOT / COLD WATER	
D WATER COOLER HEATER	4 G hr		1			