EQUIPMENT SCHEDULE

V03-FAN COIL UNIT (FCU) W/ MATCHING VARIABLE REFRIGERANT VOLUME (VRV)

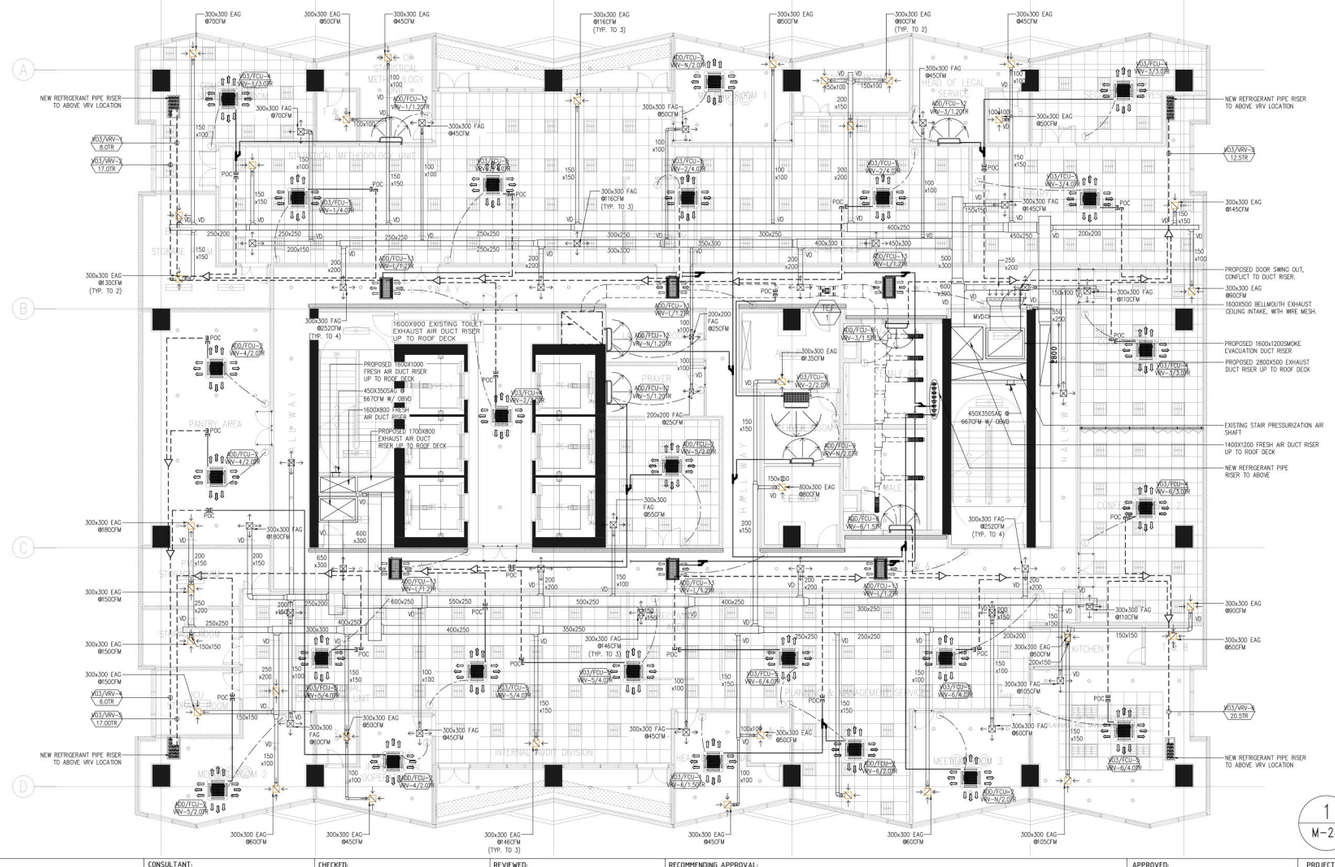
VARIABLE REFRIGERANT VOLUME(VRV)															FAN COIL UNIT(FCU)													
STATUS/UNIT	TOTAL COOLING CAP. (HP)/(TR)	LOCATION	AREA SERVE	MODEL PER CAPACITY	QTY.	COMBINATION PER COOLING CAP. KW(HP) / BTUH(TR)	REFRIGERANT TYPE	PIPING CONNECTIONS		ELECTRICAL DATA				EER	STATUS/UNIT	LOCATION	QTY.	TOTAL COOLING CAP. KW(HP) / BTUH(TR)	MODEL TYPE	AIR FLOW RATE (CFM)	E.S.P. (Po)	PIPING CONNECTIONS		ELECTRICAL DATA				BASIS OF DESIGN (MODEL)	REMARKS
								LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ									LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ		
V03/VRV-1	12.0/9.50	ROOF DECK	22ND FLOOR	DAIKIN RXQ12AYM	1	33.5(12.0) / 114,000(9.50)	R-410A	12.70ø	28.60ø	8.70	380	3	60	13.10	V03/FCU-4	22ND FLOOR	1	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	–	9.50ø	15.90ø	0.158	220	1	60	DAIKIN FXFQ100AVM	UNIT IS DAKIN BRAND OR APPROVED EQUAL
															ADD/FCU-12	22ND FLOOR	1	4.5 (1.5) / 15,400(1.20)	WALL MOUNTED FREE BLOW	450	–	6.40ø	12.70ø	0.020	220	1	60	DAIKIN FXAQ40PVE	
															V03/FCU-5	22ND FLOOR	1	14.0(5.0) / 47,800(4.0)	4-WAY CEILING CASSETTE FREE BLOW	1500	–	9.50ø	15.90ø	0.178	220	1	60	DAIKIN FXFQ125AVM	
V03/VRV-2	22.0/17.50	ROOF DECK	22ND FLOOR	DAIKIN RXQ12AYM	1	33.5(12.0) / 114,000(9.50)	R-410A	12.70ø	28.60ø	8.70	380	3	60	13.10	V03/FCU-4	22ND FLOOR	1	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	–	9.50ø	15.90ø	0.158	220	1	60	DAIKIN FXFQ100AVM	
				DAIKIN RXQ10AYM	1	28.0(10.0) / 95,500(8.0)	R-410A	9.50ø	22.20ø	6.84	380	3	60	13.96	V03/FCU-5	22ND FLOOR	3	14.0(5.0) / 47,800(4.0)	4-WAY CEILING CASSETTE FREE BLOW	1500	–	9.50ø	15.90ø	0.178	220	1	60	DAIKIN FXFQ125AVM	
															V03/FCU-6	22ND FLOOR	1	7.1(2.5) / 24,200(2.0)	CEILING SUSPENDED FREE BLOW	750	–	9.50ø	15.90ø	0.145	220	1	60	DAIKIN FXHQ63MAVE	
V03/VRV-3	16.0/13.0	ROOF DECK	22ND FLOOR	DAIKIN RXQ16AYM	1	45.0(16.0) / 154,000(13.0)	R-410A	12.70ø	28.60ø	12.90	380	3	60	11.94	V03/FCU-4	22ND FLOOR	2	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	–	9.50ø	15.90ø	0.158	220	1	60	DAIKIN FXFQ100AVM	
															V03/FCU-5	22ND FLOOR	1	14.0(5.0) / 47,800(4.0)	4-WAY CEILING CASSETTE FREE BLOW	1500	–	9.50ø	15.90ø	0.178	220	1	60	DAIKIN FXFQ125AVM	
															ADD/FCU-12	22ND FLOOR	1	4.5 (1.5) / 15,400(1.20)	WALL MOUNTED FREE BLOW	450	–	6.40ø	12.70ø	0.020	220	1	60	DAIKIN FXAQ40PVE	
															V03/FCU-8	22ND FLOOR	1	5.6(2.0) / 19,100(1.5)	WALL MOUNTED FREE BLOW	600	–	6.40ø	12.70ø	0.033	220	1	60	DAIKIN FXAQ50PVE	
V03/VRV-4	8.0/6.0	ROOF DECK	22ND FLOOR	DAIKIN RXQ8AYM	1	22.4(8.0) / 76,400(6.0)	R-410A	9.50ø	19.10ø	5.17	380	3	60	14.78	V03/FCU-2	22ND FLOOR	3	7.1(2.5) / 24,200(2.0)	4-WAY CEILING CASSETTE FREE BLOW	750	–	9.50ø	15.90ø	0.063	220	1	60	DAIKIN FXFQ63AVM	
V03/VRV-5	22.0/17.50	ROOF DECK	22ND FLOOR	DAIKIN RXQ12AYM	1	33.5(12.0) / 114,000(9.50)	R-410A	12.70ø	28.60ø	8.70	380	3	60	13.10	V03/FCU-2	22ND FLOOR	2	7.1(2.5) / 24,200(2.0)	4-WAY CEILING CASSETTE FREE BLOW	750	–	9.50ø	15.90ø	0.063	220	1	60	DAIKIN FXFQ63AVM	
															V03/FCU-5	22ND FLOOR	3	14.0(5.0) / 47,800(4.0)	4-WAY CEILING CASSETTE FREE BLOW	1500	–	9.50ø	15.90ø	0.178	220	1	60	DAIKIN FXFQ125AVM	
				DAIKIN RXQ10AYM	1	28.0(10.0) / 95,500(8.0)	R-410A	9.50ø	22.20ø	6.84	380	3	60	13.96	ADD/FCU-12	22ND FLOOR	1	4.5 (1.5) / 15,400(1.20)	WALL MOUNTED FREE BLOW	450	–	6.40ø	12.70ø	0.020	220	1	60	DAIKIN FXAQ40PVE	
V03/VRV-6	26.0/21.0	ROOF DECK	22ND FLOOR	DAIKIN RXQ14AYM	1	40.0(14.0) / 136,000(11.50)	R-410A	12.70ø	28.60ø	10.70	380	3	60	12.71	V03/FCU-5	22ND FLOOR	3	14.0(5.0) / 47,800(4.0)	4-WAY CEILING CASSETTE FREE BLOW	1500	–	9.50ø	15.90ø	0.178	220	1	60	DAIKIN FXFQ125AVM	
															V03/FCU-4	22ND FLOOR	1	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	–	9.50ø	15.90ø	0.158	220	1	60	DAIKIN FXFQ100AVM	
															V03/FCU-8	22ND FLOOR	1	5.6(2.0) / 19,100(1.5)	WALL MOUNTED FREE BLOW	600	–	6.40ø	12.70ø	0.033	220	1	60	DAIKIN FXAQ50PVE	
															V03/FCU-2	22ND FLOOR	1	7.1(2.5) / 24,200(2.0)	4-WAY CEILING CASSETTE FREE BLOW	750	–	9.50ø	15.90ø	0.063	220	1	60	DAIKIN FXFQ63AVM	
				DAIKIN RXQ12AYM	1	33.5(12.0) / 114,000(9.50)	R-410A	12.70ø	28.60ø	8.70	380	3	60	13.10	V03/FCU-1	22ND FLOOR	1	5.6(2.0) / 19,100(1.50)	4-WAY CEILING CASSETTE FREE BLOW	600	–	6.40ø	12.70ø	0.040	220	1	60	DAIKIN FXFQ50AVM	

ADD-FAN COIL UNIT (FCU) W/ MATCHING VARIABLE REFRIGERANT VOLUME (VRV)

VARIABLE REFRIGERANT VOLUME(VRV)															FAN COIL UNIT(FCU)													
STATUS/UNIT	TOTAL COOLING CAP. (HP)/(TR)	LOCATION	AREA SERVE	MODEL PER CAPACITY	QTY.	COMBINATION PER COOLING CAP. KW(HP) / BTUH(TR)	REFRIGERANT TYPE	PIPING CONNECTIONS		ELECTRICAL DATA				EER	STATUS/UNIT	LOCATION	QTY.	TOTAL COOLING CAP. KW(HP) / BTUH(TR)	MODEL TYPE	AIR FLOW RATE (CFM)	E.S.P. (Po)	PIPING CONNECTIONS		ELECTRICAL DATA				BASIS OF DESIGN (MODEL)	REMARKS
								LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ									LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ		
V03/VRV-L	22.0/17.0	ROOF DECK	20F HALLWAY 21F HALLWAY 22F HALLWAY	DAIKIN RXQ12AYM	1	33.5(12.0) / 114,000(9.50)	R-410A	12.70ø	28.60ø	8.70	380	3	60	13.10	ADD/FCU-13	22F HALLWAY	6	3.6(1.5) / 12,300(1.20)	2-WAY CEILING CASSETTE FREE BLOW	600	–	6.40ø	12.70ø	0.039	220	1	60	DAIKIN FXCQ32AVM	UNIT IS DAKIN BRAND OR APPROVED EQUAL
				DAIKIN RXQ10AYM	1	28.0(10.0) / 95,500(8.0)	R-410A	9.50ø	22.20ø	6.84	380	3	60	13.96	V03/FCU-2	22ND FLOOR	2	7.1(2.5) / 24,200(2.0)	4-WAY CEILING CASSETTE FREE BLOW	750	–	9.50ø	15.90ø	0.063	220	1	60	DAIKIN FXFQ63AVM	
ADD/VRV-N	16.0 / 13.1	ROOF DECK	22F OFFICE 24F OFFICE	DAIKIN RXQ16AYM	1	45.0(16.0) / 154,000(13.0)	R-410A	12.70ø	28.60ø	12.90	380	3	60	11.94	ADD/FCU-12	22ND FLOOR	1	4.5 (1.5) / 15,400(1.20)	WALL MOUNTED FREE BLOW	450	–	6.40ø	12.70ø	0.020	220	1	60	DAIKIN FXAQ40PVE	
															ADD/FCU-9	22ND FLOOR	1	7.1(2.5) / 24,200(2.0)	WALL MOUNTED FREE BLOW	750	–	9.50ø	15.90ø	0.050	220	1	60	DAIKIN FXAQ63PVE	

NOTE:

THERMOSTAT LOCATION ON PLAN IS FOR REFERENCE ONLY, IT CAN BE RELOCATED BUT THE DISTANCE OF THERMOSTAT SHOULD BE MAXIMUM OF 3.0 – 4.0 METERS FROM THE FCU.


NEW REFRIGERANT PIPE RISER TO ABOVE VRV LOCATION
300x300 EAG @170CFM
300x300 EAG @50CFM
300x300 EAG @45CFM
300x300 EAG @50CFM
300x300 EAG @45CFM
300x300 EAG @145CFM
PROPOSED DOOR SWING OUT, CONFLICT TO DUCT RISER.
300x300 EAG @60CFM
1600X900 BELLMOUTH EXHAUST CEILING INTAKE, WITH WIRE MESH.
PROPOSED 1600x1200SMOKE EVACUATION DUCT RISER
PROPOSED 2800X500 EXHAUST DUCT RISER UP TO ROOF DECK
EXISTING STAIR PRESSURIZATION AIR SHAFT
1400X1200 FRESH AIR DUCT RISER UP TO ROOF DECK
NEW REFRIGERANT PIPE RISER TO ABOVE
1600X900 EXISTING TOILET EXHAUST AIR DUCT RISER UP TO ROOF DECK
PROPOSED 1600X1000 FRESH AIR DUCT RISER UP TO ROOF DECK
450X350SAG @ 667CFM W/ GRVD
1600X800 EXHAUST AIR DUCT RISER UP TO ROOF DECK
PROPOSED 1700X800 EXHAUST AIR DUCT RISER UP TO ROOF DECK
300x300 EAG @130CFM (TYP. TO 2)
300x300 EAG @180CFM
300x300 EAG @150CFM
300x300 EAG @50CFM
300x300 EAG @50CFM
300x300 EAG @60CFM
300x300 EAG @45CFM
300x300 EAG @45CFM
300x300 EAG @60CFM
300x300 EAG @105CFM
300x300 EAG @60CFM
300x300 EAG @50CFM
300x300 EAG @50CFM
300x300 EAG @50CFM
300x300 EAG @50CFM
300x300 EAG @45CFM
300x300 EAG @45CFM
300x300 EAG @45