

EQUIPMENT SCHEDULE

VO3 - FAN COIL UNIT (FCU) W/ MATCHING VARIABLE REFRIGERANT VOLUME (VRV)

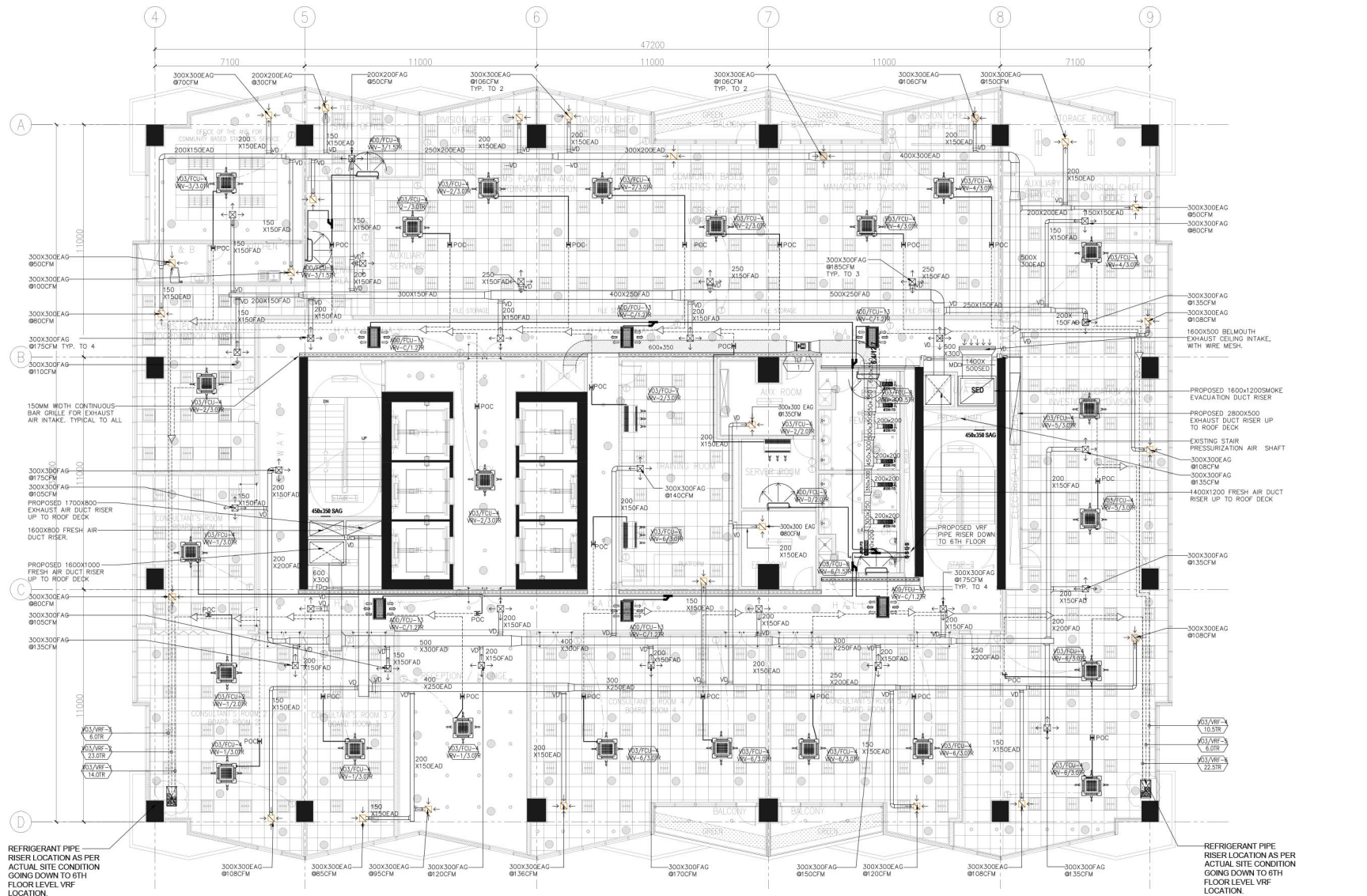
STATUS/UNIT	VARIABLE REFRIGERANT VOLUME (VRV)										FAN COIL UNIT (FCU)															REMARKS	
	TOTAL COOLING CAP. (HP)/(TR)	LOCATION	MODEL	QTY.	MODEL COOLING CAP. (KW/HP) / (BTU/H)	REFRIGERANT TYPE	PIPING CONNECTIONS		ELECTRICAL DATA			EER	STATUS/UNIT	LOCATION	QTY.	TOTAL COOLING CAP. (KW/HP) / (BTU/H)	MODEL TYPE	AIR FLOW RATE (CFM)	E.S.P. (Pa)	PIPING CONNECTIONS		ELECTRICAL DATA			BASIS OF DESIGN (MODEL)		
							LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ									INPUT (KW)	VOLT	PHASE	HERTZ			
VO3/VRVW-1	18.0 / 14.0	6TH FLOOR	DAIKIN RXQ18AYM	1	50.0(18.0) / 171,000(14.50)	R-410A	15.90ø	28.60ø	15.30	380	3	60	11.18	VO3/FCU-4	CONSULTANT'S ROOM 1 & 2 RECEPTION AREA	4	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
														VO3/FCU-2	CONSULTANT'S ROOM 2	1	7.1(2.5) / 24,200(2.0)	4-WAY CEILING CASSETTE FREE BLOW	750	-	9.50ø	15.90ø	0.06ø	220	1	60	DAIKIN FXFQ63AVM
														VO3/FCU-4	CESS STAFF WORK STATION COOR. PLANNING & COR. DIV.	6	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
VO3/VRVW-2	28.0 / 23.0	6TH FLOOR	DAIKIN RXQ14AYM	2	40.0(14.0) / 136,000(11.50)	R-410A	12.70ø	28.60ø	10.70	380	3	60	12.71	VO3/FCU-7	RECEIVING AREA	1	11.2(4.0) / 38,200(3.0)	CEILING SUSPENDED FREE BLOW	1200	-	9.50ø	15.90ø	0.19ø	220	1	60	DAIKIN FXHG100MAVE
														VO3/FCU-6	SERVER ROOM	1	7.1(2.5) / 24,200(2.0)	CEILING SUSPENDED FREE BLOW	750	-	9.50ø	15.90ø	0.14ø	220	1	60	DAIKIN FXHG63AVE
														VO3/FCU-4	OFF. OF THE ANS FOR CESS	1	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
VO3/VRVW-3	8.0 / 6.0	6TH 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	ADD/FCU-8	STAFF OFFICE RECEIVING AREA	2	5.6(2.0) / 19,100(1.5)	WALL MOUNTED FREE BLOW	600	-	6.40ø	12.70ø	0.03ø	220	1	60	DAIKIN FXAQ50PVE
														VO3/FCU-4	GEOSPATIAL MGMT. DIV. AUXILIARY SERVICES	3	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
VO3/VRVW-4	14.0 / 10.5	6TH 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	VO3/FCU-8	F. TOILET	1	5.6(2.0) / 19,100(1.5)	WALL MOUNTED FREE BLOW	600	-	6.40ø	12.70ø	0.03ø	220	1	60	DAIKIN FXAQ50PVE
														VO3/FCU-4	IDENTITY VALIDATION INVESTIGATION DIVS.	2	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
VO3/VRVW-5	8.0 / 6.0	6TH 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	VO3/FCU-4	CONSULTANT'S ROOM 4 & 5	6	11.2(4.0) / 38,200(3.0)	4-WAY CEILING CASSETTE FREE BLOW	1200	-	9.50ø	15.90ø	0.15ø	220	1	60	DAIKIN FXFQ100AVM
														VO3/FCU-7	IDENTITY VALIDATION INVESTIGATION DIVS.	1	11.2(4.0) / 38,200(3.0)	CEILING SUSPENDED FREE BLOW	1200	-	9.50ø	15.90ø	0.19ø	220	1	60	DAIKIN FXHG100MAVE
VO3/VRVW-6	28.0 / 22.5	6TH FLOOR	DAIKIN RXQ14AYM	2	40.0(14.0) / 136,000(11.50)	R-410A	12.70ø	28.60ø	10.70	380	3	60	12.71	VO3/FCU-8	M. TOILET	1	5.6(2.0) / 19,100(1.5)	WALL MOUNTED FREE BLOW	600	-	6.40ø	12.70ø	0.03ø	220	1	60	DAIKIN FXAQ50PVE

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

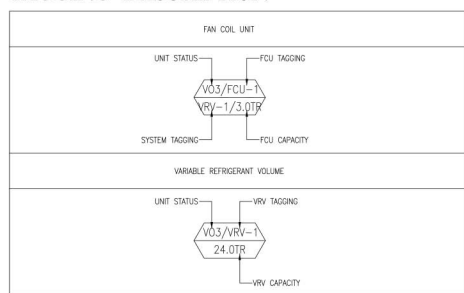
STATUS/UNIT	VARIABLE REFRIGERANT VOLUME (VRV)			FAN COIL UNIT (FCU)																	REMARKS
	TOTAL COOLING CAP. (HP)/(TR)	LOCATION	AREA SERVED	STATUS/UNIT	LOCATION	QTY.	TOTAL COOLING CAP. KW(HP) / BTU(H)	MODEL TYPE	AIR FLOW RATE (CFM)	E.S.P. (P.A)	PIPING CONNECTIONS		ELECTRICAL DATA			BAISIS OF DESIGN (MODEL)					
											LIQUID (MM)	GAS (MM)	INPUT (KW)	VOLT	PHASE	HERTZ					
VO3/VRV-C	20.0/15.0	6TH FLOOR	9F HALLWAY 10F HALLWAY	ADD/FCU-13	10F HALLWAY	6	3.6(1.5) / 12,300(1.20)	2-WAY CEILING CASSETTE FREE BLOW	600	-	6.40ø	12.70ø	0.03ø	220	1	60	DAIKIN FXCQ33AVM	UNIT IS DAIKIN BRAND OR APPROVED EQUAL			
VO3/VRV-D	12.0 / 9.5	6TH FLOOR	9F OFFICE 10F OFFICE	ADD/FCU-9	SERVER ROOM BACKUP	1	7.1(2.5) / 24,200(2.0)	WALL MOUNTED FREE BLOW	750	-	9.50ø	15.90ø	0.05ø	220	1	60	DAIKIN FXAQ50PVE				

VENTILATING FANS - EXISTING UNIT

UNIT DESIGNATION	AREA SERVED	QTY.	AIR FLOW (CFM)	TYPE	TOTAL STATIC PRESSURE (Pa)	OUTLET VELOCITY (m/s)	MOTOR/MAX. POWER INPUT (W)	MOTOR TYPE	MOTOR EFFICIENCY (%)	ELECTRICAL CHARACTERISTICS VOLT PHASE HERTZ	REMARKS
TEF-1	COMMON TOILET	1	2100	AXIAL FAN	30	-	0.08	DIRECT DRIVE	-	380 3 60	UNIT IS EXISTING UNDER PHASE 1 BASE BUILDING DESIGN

1 PROPOSED 10TH FLOOR ACMV LAYOUT
M-13 SCALE 1:100 M.

TAGGING DESCRIPTION:



LEGEND AND SYMBOLS/ABBREVIATION:

SYMBOLS	DESCRIPTION
	4-WAY CEILING CASSETTE TYPE FREEBLOW
	2-WAY CEILING CASSETTE TYPE FREEBLOW
	WALL MOUNTED TYPE FREEBLOW
	CEILING SUSPENDED TYPE FREEBLOW
	NEW REFRIGERANT PIPE
	NEW REFRIGERANT PIPE RISER
	NEW REFNET JOINT
	EXISTING REFRIGERANT PIPE
	EXISTING REFNET JOINT
	THERMOSTAT
	EXISTING EXHAUST AIR FAN
	EXISTING EXHAUST AIR DUCT
	EXISTING EXHAUST AIR GRILLE
	EXISTING FLEXIBLE EXHAUST AIR DUCT
	NEW FRESH AIR DUCT RISER
	NEW EXHAUST AIR DUCT RISER
	MOTORIZED VOLUME DAMPER
	VOLUME DAMPER
	NEW FRESH AND EXHAUST AIR DUCT
	NEW EXHAUST AIR GRILLE
	NEW FRESH AIR GRILLE
	NEW SMOKE CEILING EXHAUST AIR GRILLE
	NEW SMOKE CEILING EXHAUST BELLMOUTH GRILLE

ABBREVIATION	DESCRIPTION
SQ. M	SQUARE METER
CFM	CUBIC FEET PER METER
MM	MILLIMETER
KW	KILOWATT
KG	KILOGRAM
DIA. (ø)	DIAMETER
QTY.	QUANTITY
TSP	TOTAL STATIC PRESSURE
Pa	PASCAL
V/PH/Hz	VOLTS/PHASE/HERTZ
FCU	FAN COIL UNIT
EAG	EXHAUST AIR GRILLE
FAG	FRESH AIR GRILLE
EAD	EXHAUST AIR DUCT
FAD	FRESH AIR DUCT
SAO	SUPPLY AIR DUCT
RAD	RETURN AIR DUCT
PAD	PRESSURIZATION AIR DUCT
SCD	SUPPLY CEILING DIFFUSER
LD	LOUVER DOOR

NOTE:
PURSUANT TO SECTION 4 OF ANNEX "A" OF THE REVISED IMPLEMENTING RULES AND REGULATION OF R.A. 9164, APPROVAL BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGN UNDERTAKEN BY CONSULTANTS NEITHER DIMINISHES THE RESPONSIBILITY OF THE LATER FOR THE TECHNICAL INTEGRITY OF THE SURVEYS AND DESIGN NOR TRANSFER ANY PART OF THAT RESPONSIBILITY TO THE APPROVING OFFICIALS.

THE DESIGN CONSULTANT SHALL BE HELD RESPONSIBLE FOR THE FAILURE OF THE FACILITY/IES / STRUCTURES DUE TO FAULTY DESIGN EXCEPT FOR THE CHANGES MADE WITHOUT THE CONFORMITY OF THE CONSULTANTS.

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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.