UNIT ID.	LOCATION	MAKE	MODEL	TYPE	CAPACITY (kW)	VOLTAGE	RUNNING CURRENT (AMPS)	AIRFLOW RANGE (L/S)
AC-B1.1	Managers Office	Mitsubishi Electri	MSZ/MUZ=GE25VAD	HI-WALL SPLIT	2.5	240	2.9	66 - 188
FCU-101.1	GND LEVEL (LEVEL 1)	Mitsubishi Electric	PEFY-P200VHMS-E	VRF DUCTED	22.4	240	3.47	833 - 1200
FCU-101.2								
FCU-102.1								
FCU-102.2								
FCU-103.1								
FCU-103.2								
FCU-103.3								
FCU-103.4								
FCU-104.1								
FCU-104.2								
FCU-105			PEA-RP250WHA	SPLIT DUCTED	25.0	415		967 - 1400
FCU-106.1			PEFY-P200VHMS-E	VRF DUCTED	22.4	240	3.47	833 - 1200
FCU-106.2								
FCU-107			PEA-RP250WHA	SPLIT DUCTED	25.0	415		967 - 1400
FCU-108								
FCU-109								
CU-101	GND LEVEL (LEVEL 1)	Mitsubishi Electric	PUHY-P350YKB-AR1	VRF HEAT PUMP	40.0	415	21.2/ph	
CU-102								
CU-103			PUHY-P650YSKB-A		73.0	415	34.4/ph	
CU-104			PUHY-P350YKB-AR1	VRF HEAT PUMP	40.0	415	21.2/ph	
CU-105			PUHZ-RP250YKM-A	INVERTER DUCTED	25.0	415	11.7/ph	
CU-106			PUHY-P350YKB-AR1	VRF HEAT PUMP	40.0	415	21.2/ph	
CU-107			PUHZ-RP250YKM-A	INVERTER DUCTED	25.0	415	11.7/ph	
CU-108								
CU-109								
AC-201	LEVEL 2	Mitsubishi Electric	PUHZ/PEAD-RP100	INVERTER DUCTED	10.0	240	13.6	400 - 567
AC-202			SUZ/PEAD-RP71		7.1		11.1	292 - 417
AC-203			PUHZ/PEAD-RP71		7.1		11.6	
AC-204			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-205			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-206								
AC-207			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-208			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-209			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-210			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-211								
AC-212								
AC-213			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-214								
AC-215								
AC-216			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-217								
AC-301 - 601	LEVEL 3 TO LEVEL 6	Mitsubishi Electric	PUHZ/PEAD-RP100	INVERTER DUCTED	10.0	240	13.6	400 - 567
AC-302 - 602			PUHZ/PEAD-RP71		7.1		11.1	292 - 417
AC-303 - 603								
AC-304 - 604			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-305 - 605			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-306 - 606								
AC-307 - 607			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-308 - 608			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-309 - 609			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-310 - 610			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-311 - 611								
AC-312 - 612								
AC-313 - 613			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-314 - 614								
AC-315 - 615								
AC-316 - 616			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-317 - 617								
AC-701 - 801	LEVEL 7 & LEVEL 8	Mitsubishi Electric	PUHZ/PEAD-RP100	INVERTER DUCTED	10.0	240	13.6	400 - 567
AC-702 - 802			PUHZ/PEAD-RP71		7.1		11.1	292 - 417
AC-703 - 803								
AC-704 - 804			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-705 - 805			PUHZ/PEAD-RP71		7.1		11.1	292 - 417
AC-706 - 806								
AC-707 - 807			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-708 - 808								
AC-709 - 809			PUHZ/PEAD-RP71		7.1		11.1	292 - 417
AC-710 - 810								
AC-711 - 811								
AC-712 - 812			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-713 - 813			PUHZ/PEAD-RP71		7.1		11.6	292 - 417
AC-714 - 814								
AC-901	LEVEL 9	Mitsubishi Electric	PUHZ/PEAD-RP100	INVERTER DUCTED	10.0	240	13.6	400 - 567
AC-902			SUZ/PEAD-RP71		7.1		11.1	292 - 417
AC-903								
AC-904			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-905			SUZ/PEAD-RP71		7.1		11.1	292 - 417
AC-906								
AC-907			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-908								
AC-909			SUZ/PEAD-RP71		7.1		11.1	292 - 417
AC-910								
AC-911								
AC-912			PUHZ/PEAD-RP100		10.0		13.6	400 - 567
AC-913								
AC-914			SUZ/PEAD-RP71		7.1		11.1	292 - 417

FAN ID.	LOCATION	MAKE	MODEL	TYPE	AIRFLOW (L/S)	PRESSURE (PA)	SOUND LEVEL (dB(A)
EF-B2.1	Basement 2	Pacific HVAC	AX56HB37A-4ESF	Axial	2800	150	53
EF-B2.2			AX63JH41A-4FSF		4200	150	58
EF-B2.3			MFP150-V-HIGH		100	100	44
EF-B2.4			MFP150-V-HIGH		100	100	44
SF-B2.1			AX50HG25A-4CSF		1160	150	53
SF-B2.2			AX71HH33A-4FSF		4640	150	62
EF-B1.1	Basement 1	Pacific HVAC	AX56HB37A-4ESF	Axial	2800	150	53
EF-B1.2			AX56JE45A-4GSF		3600	150	58
EF-B1.3			MFP150-V-HIGH	Mixed Flow	100	120	44
EF-B1.4			AX45HA25A-4ASF	Axial	400	120	46
EF-B1.5			MFP150-V-HIGH	Mixed Flow	100	100	44
EF-B1.6			AX45HA25A-4ASF	Axial	700	100	46
SF-B1.1			AX50HK25A-4BSF		920	150	51
SF-B1.2			AX63JH38A-4FSF		3880	150	57
SF-B1.3			AX50JB28A-4CSF		1400	150	51
SF-B1.4			MFP250-V-HIGH	Mixed Flow	200	100	52
SF-B1.5			AX40HH29P-4ASF	Axial	680	100	45
EF-G1.1	Ground (Level 1)	Pacific HVAC	MFP200-V-LOW	Mixed Flow	140	100	42
EF-G2			MFP150-V-HIGH	Mixed Flow	100	100	44
TEF	Typical Apartments	Pacific HVAC	BEC-150	Fan/Grille	30	80	41
LEF			AXC150	Axial	40	80	40

GRILLE ID	SUPPLIER	TYPE	SIZE
S1	Grilletech	Linear	400x200
S2			700x200
S3		Wire Mesh	800x800
S4		Egg Crate	200x200
S5			450x450
S6		4-Way Diffuser	595x595
S7		Double Deflection	500x200
S8			900x200
E1	Grilletech	Egg Crate	200x200
E2			300x300
CE1	Dragon Grilles	Diamond Mesh	1300x250
CS1			1000x300
CS2			800x300
R1	Grilletech	Egg Crate	1200x600
R2		Egg Crate / Filter	600x600
T1			200x200
L1	Dragon Grilles	Weatherproof Louvre	2200x500
L2			2500x400
L3			1200x300
L4			300x300
L5			600x300
L6			600x500
L7			200x200
L8			3100x1200
L9			600x400
L10			600x750
L11			750x600
L12			900x300

NOTES:

ALL DUCT DIMENSIONS ARE CLEAR AIR PATH

ALL CUSHION HEAD BOXES TO HAVE R1.2 INSULATION

ALL FLEXIBLE DUCT TO BE MINIMUM R1.2

MECHANICAL LEGEND

UNINSULATED SHEETMETAL DUCTWORK (0.6 - 1mm)

75mm INTERNALLY INSULATED SHEETMETAL DUCTWORK

38mm INTERNALLY INSULATED SHEETMETAL DUCTWORK

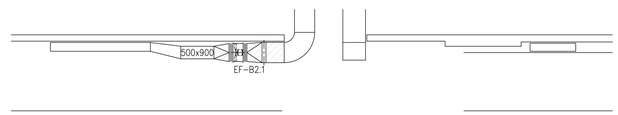
25mm INTERNALLY INSULATED, PERFORATED FACE SHEETMETAL DUCTWORK

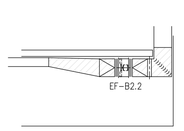
30mm R1.4 IINSULATED PANEL

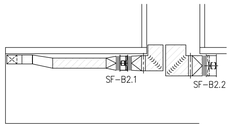
FD INTUMESCENT FIRE DAMPER

FLEXIBLE DUCTWORK - SIZES AS BELOW

Ø150	=	0 - 55 l/s
Ø200	=	56 - 120 l/s
Ø250	=	121 - 190 l/s
Ø300	=	191 - 280 l/s
Ø350	=	281 - 390 l/s
Ø400	=	391 - 500 l/s







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ORG. SNO | DISC. ME | Date 2nd March, 2017

Project McNAB - THE WELLINGTON
45 WELLINGTON ROAD, EAST BRISBANE

Title SCHEDULE AND SECTIONS

Scale | Building. | Drawing No. M01 | Rev. 05-DWG