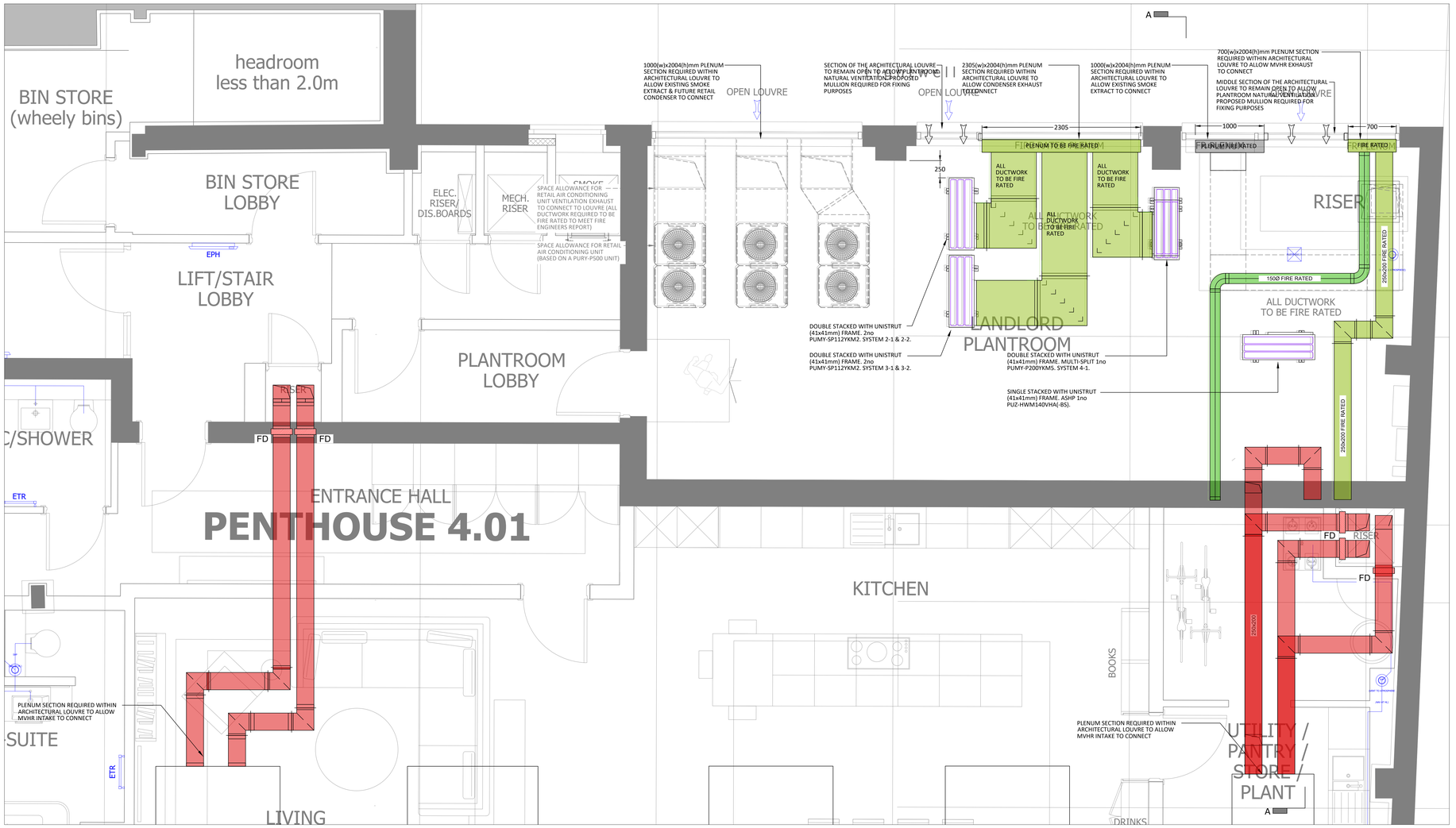
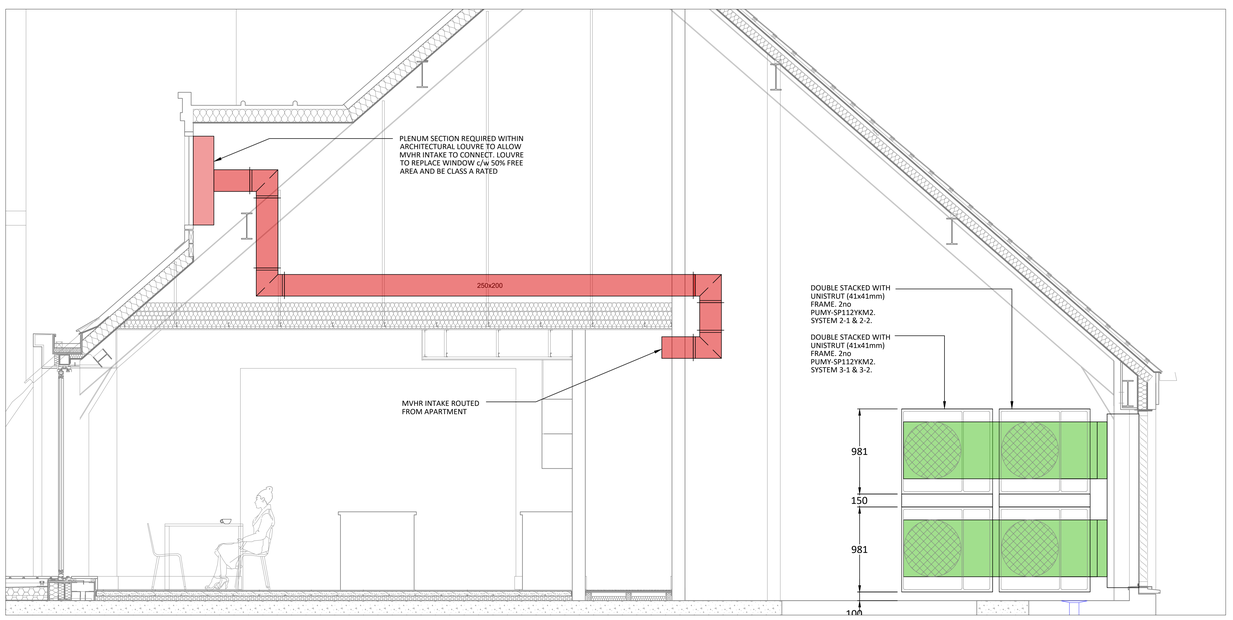


4th FLOOR - HVAC PLANTROOM LAYOUT
Scale 1:25



SECTION A-A
Scale 1:25

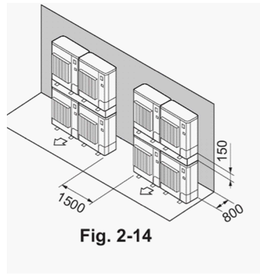
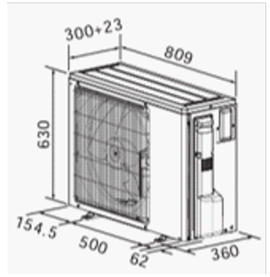
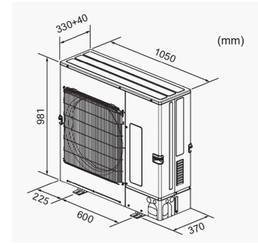


Fig. 2-14

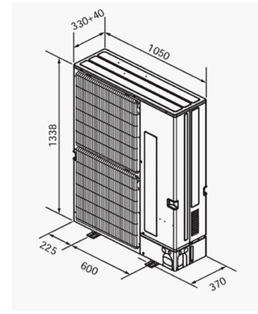
MANUFACTURER MULTI-STACK INSTALLATION DETAILS



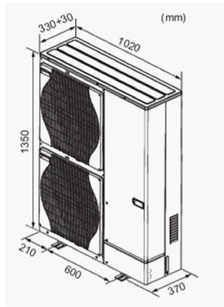
PUZ-ZM50VKA2 CONDENSER DETAILS



PUMY-SP112YKM2 CONDENSER DETAILS



PUMY-P200YKM5 CONDENSER DETAILS



PUZ-HWM140VHA(-BS) AIR TO WATER HEAT PUMP DETAILS

Winters Air Conditioning Equipment Schedule

System	Appt	Room	Cooling Load (kW)	Heating Load (kW)	Total Cooling (kW)	Total Heating (kW)	FCU Selection	Outdoor Unit	Cooling Load UK (kW)	Heating Load UK (kW)	Sound Pressure (dBA)	Sound Power (dBA)	Weight (KG)	Electrical
2-1	02-01	Bed-02	0.92	1.11			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		21	1ph/6amp
		Kitchen	4.1	2.01			PEFY-M63VMA-A1		5.4	8	M1 30		30	1ph/6amp
		Bed-01	1.89	1.19			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		21	1ph/6amp
					6.91	4.31		PUMY-SP112YKM2	9.8	14	52	72	72	3ph/ 16amp
System	**Appt**	**Room**	**Cooling Load (kW)**	**Heating Load (kW)**	**Total Cooling (kW)**	**Total Heating (kW)**	**FCU Selection**	**Outdoor Unit**	**Cooling Load UK (kW)**	**Heating Load UK (kW)**	**Sound Pressure (dBA)**	**Sound Power (dBA)**	**Weight (KG)**	**Electrical**
2-2	02-02	Kitchen	3.32	1.65			PEFY-M50VMA-A1		4.8	6.3	M1 30		30	1ph/6amp
		Bed-02	1.5	1.15			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		30	1ph/6amp
		Bed-01	2.6	1.47			PEFY-M32VMA-A2		2.6	4	M1 31.5		21	1ph/6amp
					7.42	4.2.7		PUMY-SP112YKM2	9.8	14	52	72	72	3ph/ 16amp
System	**Appt**	**Room**	**Cooling Load (kW)**	**Heating Load (kW)**	**Total Cooling (kW)**	**Total Heating (kW)**	**FCU Selection**	**Outdoor Unit**	**Cooling Load UK (kW)**	**Heating Load UK (kW)**	**Sound Pressure (dBA)**	**Sound Power (dBA)**	**Weight (KG)**	**Electrical**
2-3	Studio		4	3			PEAD-M63JA2		4.6	5.1	M 32	58	26.5	Fed by ODU
2-3	Studio		4	3				PUZ-ZM60VKA2	4.6	5.1	46	65	46	1ph/16amp
System	**Appt**	**Room**	**Cooling Load (kW)**	**Heating Load (kW)**	**Total Cooling (kW)**	**Total Heating (kW)**	**FCU Selection**	**Outdoor Unit**	**Cooling Load UK (kW)**	**Heating Load UK (kW)**	**Sound Pressure (dBA)**	**Sound Power (dBA)**	**Weight (KG)**	**Electrical**
3-1	3-01	Bed-02	0.7	1.03			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		21	1ph/6amp
		Kitchen	3.69	1.8			PEFY-M63VMA-A2		4.8	6.3	M1 30		30	1ph/6amp
		Bed-01	1.92	1.12			PEFY-M25VMA-A2		2.1	3.2	M1 26.5		21	1ph/6amp
					6.31	3.95		PUMY-SP112YKM2	9.8	14	52	72	72	3ph/ 16amp
System	**Appt**	**Room**	**Cooling Load (kW)**	**Heating Load (kW)**	**Total Cooling (kW)**	**Total Heating (kW)**	**FCU Selection**	**Outdoor Unit**	**Cooling Load UK (kW)**	**Heating Load UK (kW)**	**Sound Pressure (dBA)**	**Sound Power (dBA)**	**Weight (KG)**	**Electrical**
3-2	3-02	Kitchen	3.18	1.52			PEFY-M63VMA-A2		3.6	5	M1 25.5		25	1ph/6amp
		Bed-02	1.33	1.07			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		21	1ph/6amp
		Bed-01	2.45	1.53			PEFY-M32VMA-A2		2.6	4	M1 31.5		21	1ph/6amp
		Suite	4	3			PEFY-M50VMA-A2		4.8	6.3	M1 30		30	1ph/6amp
					10.96	7.12		PUMY-SP112YKM2	9.8	14	52	72	72	3ph/ 16amp
System	**Appt**	**Room**	**Cooling Load (kW)**	**Heating Load (kW)**	**Total Cooling (kW)**	**Total Heating (kW)**	**FCU Selection**	**Outdoor Unit**	**Cooling Load UK (kW)**	**Heating Load UK (kW)**	**Sound Pressure (dBA)**	**Sound Power (dBA)**	**Weight (KG)**	**Electrical**
4-1	4-01	Bed-02	1.35	1.51			PEFY-M20VMA-A1		1.9	2.5	M1 26.5		21	1ph/6amp
		Bed 3/Study	0.82	1.15			PEFY-M20VMA-A1		1.9	2.5	M1 26.6		22	1ph/6amp
		Dressing	4.33	2.05			PEFY-M50VMA-A2		4.8	6.3	M1 30		30	1ph/6amp
		Living	3.18	1.52			PEFY-M40VMA-A2		3.6	5	M1 25.5		25	1ph/6amp
		Kitchen	7.84	2.53			PEFY-M100VMA-A3		8.4	12.5	M1 37.5		30	1ph/6amp
					17.52	8.76		PUMY-P200YKM5	17.6	25	57	76	72	3ph /20amp

Air Source Heat Pump Equipment Schedule

System	Appt	Room	Cooling Load (kW)	Heating Load (kW)	Total Cooling (kW)	Total Heating (kW)	FCU Selection	Outdoor Unit	Cooling Load UK (kW)	Heating Load UK (kW)	Sound Pressure (dBA)	Sound Power (dBA)	Weight (KG)	Electrical
ASHP	All		NA	14	NA	14		PUZ-HWM140VHA(-BS)	NW	14	53	67	132	1ph/40amp

REV	CHK	DATE	Description
P03	PC	01.09.26	PRELIMINARY - STAGE 4 ISSUE (UPDATED INTAKE)
P02	PC	27.07.26	PRELIMINARY - STAGE 4 ISSUE
P01	PC	08/07/26	STAGE 4 - PRELIMINARY ISSUE

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FF&E X-Ref Drawings:

Drawing Status: PRELIMINARY - STAGE 4

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L BRIFFA	R JORDAN	P CHAMBERS	A0
Date: JAN 2026	Scale: 1:25		

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Project: WINTER BUILDING, MANCHESTER

Drawing Title:
MECHANICAL SERVICES
HVAC LAYOUT
FOURTH FLOOR PLANTROOM DETAILS

Project No: C4384-HEC-ZZ-04-DR-M-5750 (Project Code - Originator - Volume - Level - Type - Role - Number)
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