VRF SCHEDULE

Project No	C1210
Project Name	Bridgewater House
Schedule Ref:	VRF Schedule - 6th Floor Level
Revision	P2
Purpose of Revision	For Comment

FCU Reference	Room Ref	Indoor Unit Type	Indoor Unit Model	Unit Capacity Cooling (kW)	Unit Capacity Heating (kW)	Electrical Supply (V / Hz)	(A)	Outdoor Unit Model	Outdoor Unt Reference
AC1-001	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50	PURY-P700YsNW-A1	CU-001
AC1-002	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-003	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-004	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-005	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-006	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-007	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-008	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-009	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-010	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC1-011	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-001	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50	PURY-P350YSNW-A	CU-002
AC2-002	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-003	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-004	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-005	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-006	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		

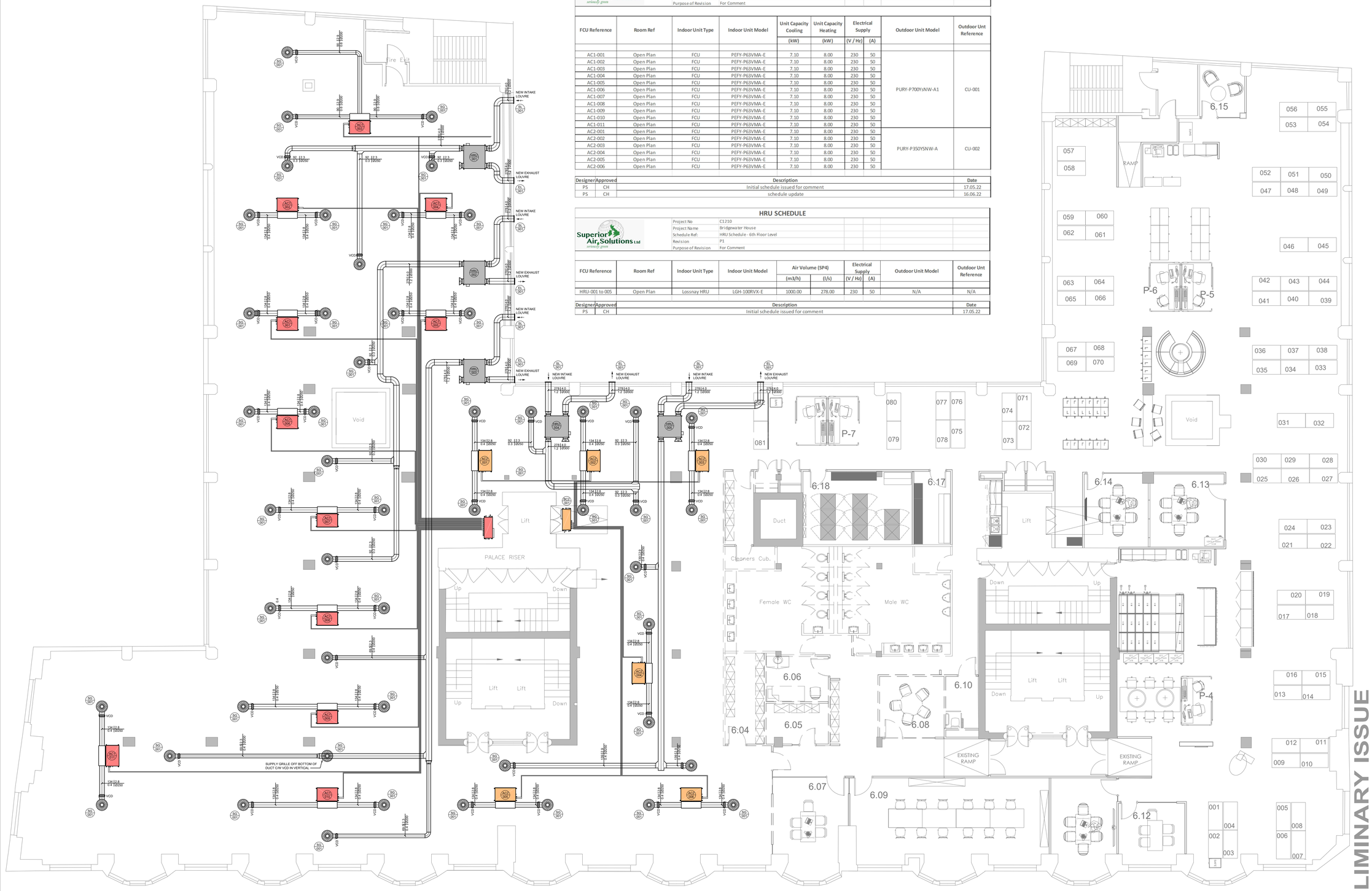
Designer	Approved	Description	Date
PS	CH	Initial schedule issued for comment	17.05.22
PS	CH	schedule update	16.06.22

HRU SCHEDULE

Project No	C1210
Project Name	Bridgewater House
Schedule Ref:	HRU Schedule - 6th Floor Level
Revision	P1
Purpose of Revision	For Comment

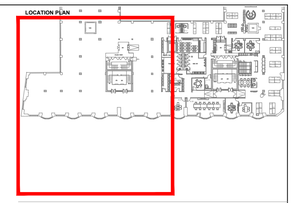
FCU Reference	Room Ref	Indoor Unit Type	Indoor Unit Model	Air Volume (SP4) (m3/h)	(l/s)	Electrical Supply (V / Hz)	(A)	Outdoor Unit Model	Outdoor Unt Reference
HRU-001 to 005	Open Plan	Lossnay HRU	LGH-100RVX-E	1000.00	278.00	230	50	N/A	N/A

Designer	Approved	Description	Date
PS	CH	Initial schedule issued for comment	17.05.22



PLAN AT 6th FLOOR LEVEL Scale 1:100

LOCATION PLAN



EQUIPMENT LEGEND

- AC — VRF TYPE IN THE CEILING FAN COIL UNIT
- HRU — HEAT RECOVERY UNIT
- SWIRL TYPE SUPPLY AIR GRILLE
- DX REFRIGERATION PIPEWORK
- VCD — VOLUME CONTROL DAMPER
- RC — AC REMOTE CONTROLLER
- CC — AC CENTRAL CONTROLLER

AIR VOLUME l/s | AIR VELOCITY m/s
PRESSURE DROP Pa/m | DUCT SIZE mm

CONDENSING UNIT SCHEDULE

- CU-001 SYSTEM 1 - PURY-P700YSNW-A1
- CU-002 SYSTEM 2 - PURY-P350YNW-A1

NOTES

1. CONDENSATE DRAIN HEADER TO BE 1½" PLASTIC PIPE WITH ALL FAN COILS CONNECTION TO HEADER IN ¾" PIPE.
2. CONDENSATE DRAINS TO CONNECT TO LOCAL DRAIN STACK WITHIN THE TOILET AREA.
3. FIRE DAMPER TO BE INSTALLED AS REQUIRED BY THE FIRE STRATEGY LAYOUTS.
4. PRIMARY AIR VOLUMES FROM HEAT RECOVERY UNITS ARE BASED ON SP4 SETTING
5. SECONDARY AIR VOLUMES FROM FAN COIL UNITS ARE BASED ON MEDIUM SETTING

PRELIMINARY ISSUE

Revision	Description	Date	Drawn by	Checked by	Dwg. Status
P2	Scheme revised	16.05.22	P.S.		Preliminary
P1	For Comment	17.05.22	P.S.		Preliminary

Client: **AXI**

Project: **Bridgewater House, Whitworth Street, Manchester**

Title: **Ventilation and Comfort Cooling Layout 6th Floor Level**

Superior Air Solutions Ltd
Superior Air Solutions Limited
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Drawn by	Checked by	Scale	Sheet Size	Date
P.S.	C.H.	1:50	A1	17.10.17

Drawing No. C1210/M02 Revision P2