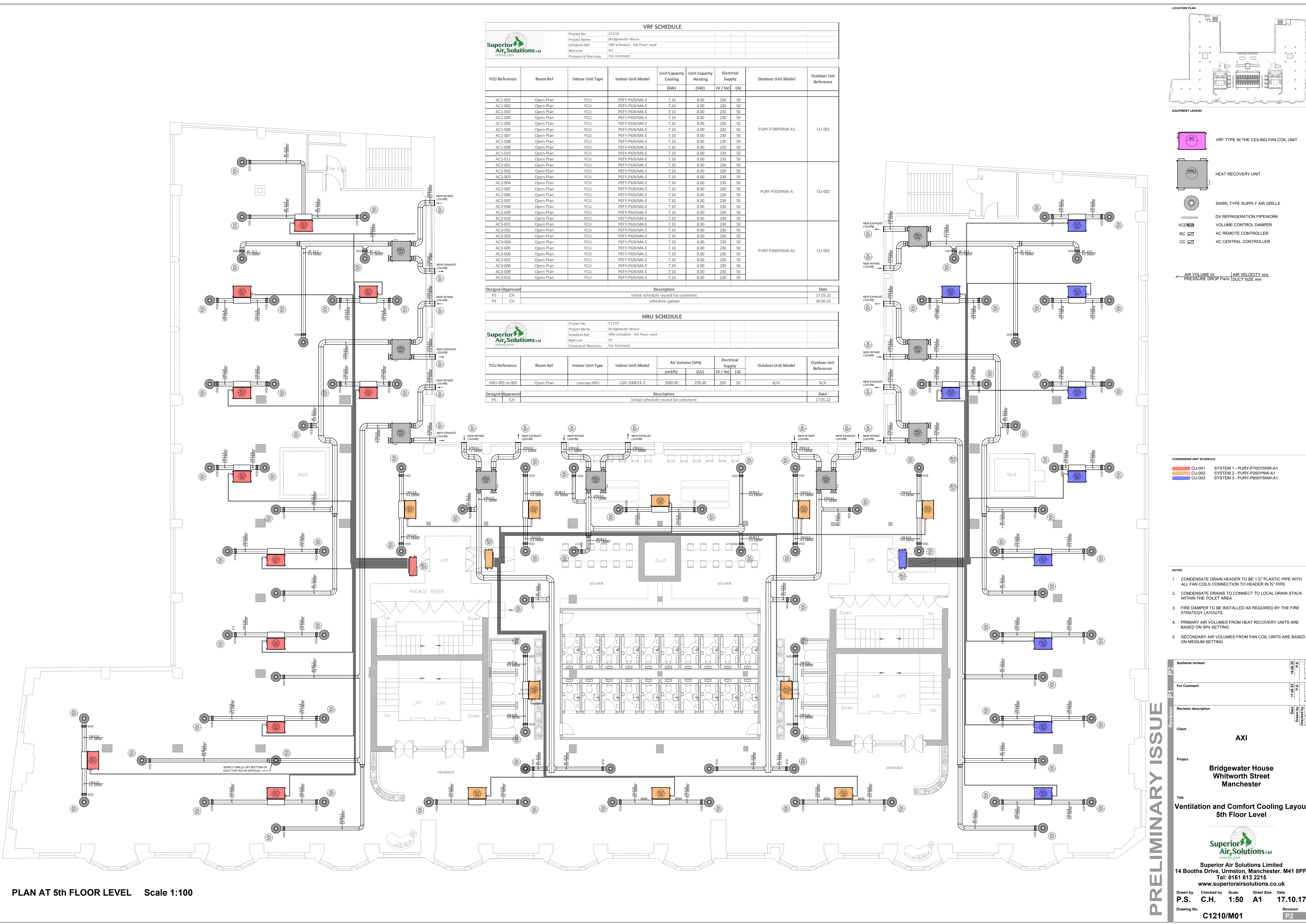


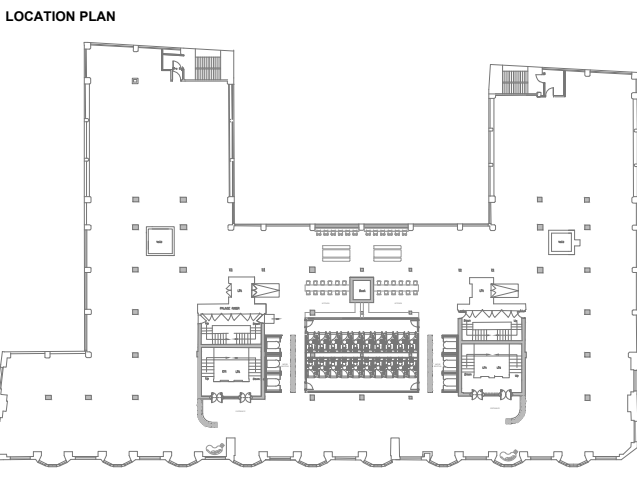


PLAN AT 5th FLOOR LEVEL Scale 1:100

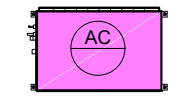
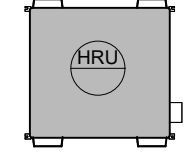
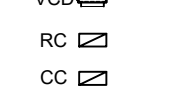
VRF SCHEDULE									
		Project No	C1210						
		Project Name	Bridgewater House						
		Schedule Ref:	VRF Schedule - 5th Floor Level						
		Revision	P2						
		Purpose of Revision	For Comment						
FCU Reference	Room Ref	Indoor Unit Type	Indoor Unit Model	Unit Capacity	Unit Capacity	Electrical		Outdoor Unit Model	Outdoor Unit Reference
				Cooling	Heating	(kW)	(V / Hz) (A)		
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		
AC2-001	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50	PURY-P350YNW-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		
AC2-007	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-008	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-009	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC2-010	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-001	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50	PURY-P650YSNW-A1	CU-003
AC3-002	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-003	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-004	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-005	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-006	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-007	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-008	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		
AC3-009	Open Plan	FCU	PEFY-P63VMA-E	7.10	8.00	230	50		

Design/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 - 5th Floor Level						
		Revision	P1						
		Purpose of Revision	For Comment						
FCU Reference	Room Ref	Indoor Unit Type	Indoor Unit Model	Air Volume (SP4)		Electrical		Outdoor Unit Model	Outdoor Unit Reference
				(m³/h)	(l/s)	(V / Hz)	(A)		
HRU-001 to 009	Open Plan	Lossnay HRU	LGH-100RVX-E	1000.00	278.00	230	50	N/A	N/A
Design/Approved		Description		Date					
PS		CH		Initial schedule issued for comment		17.05.22			



EQUIPMENT LEGEND

-  VRF TYPE IN THE CEILING FAN COIL UNIT
-  HEAT RECOVERY UNIT
-  SWIRL TYPE SUPPLY AIR GRILLE
-  DX REFRIGERATION PIPEWORK
-  VOLUME CONTROL DAMPER
-  AC REMOTE CONTROLLER
-  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
- CU-003 SYSTEM 3 - PURY-P650YSNW-A1

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

PRELIMINARY ISSUE

Revision	P1	P2
Revision description	For Comment	Scheme revised
Client	AXI	
Project	Bridgewater House Whitworth Street Manchester	
Title	Ventilation and Comfort Cooling Layout 5th Floor Level	
Drawn by	Checked by	Scale
P.S.	C.H.	1:50
Sheet Size	A1	
Date	17.10.17	
Revision	P2	


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