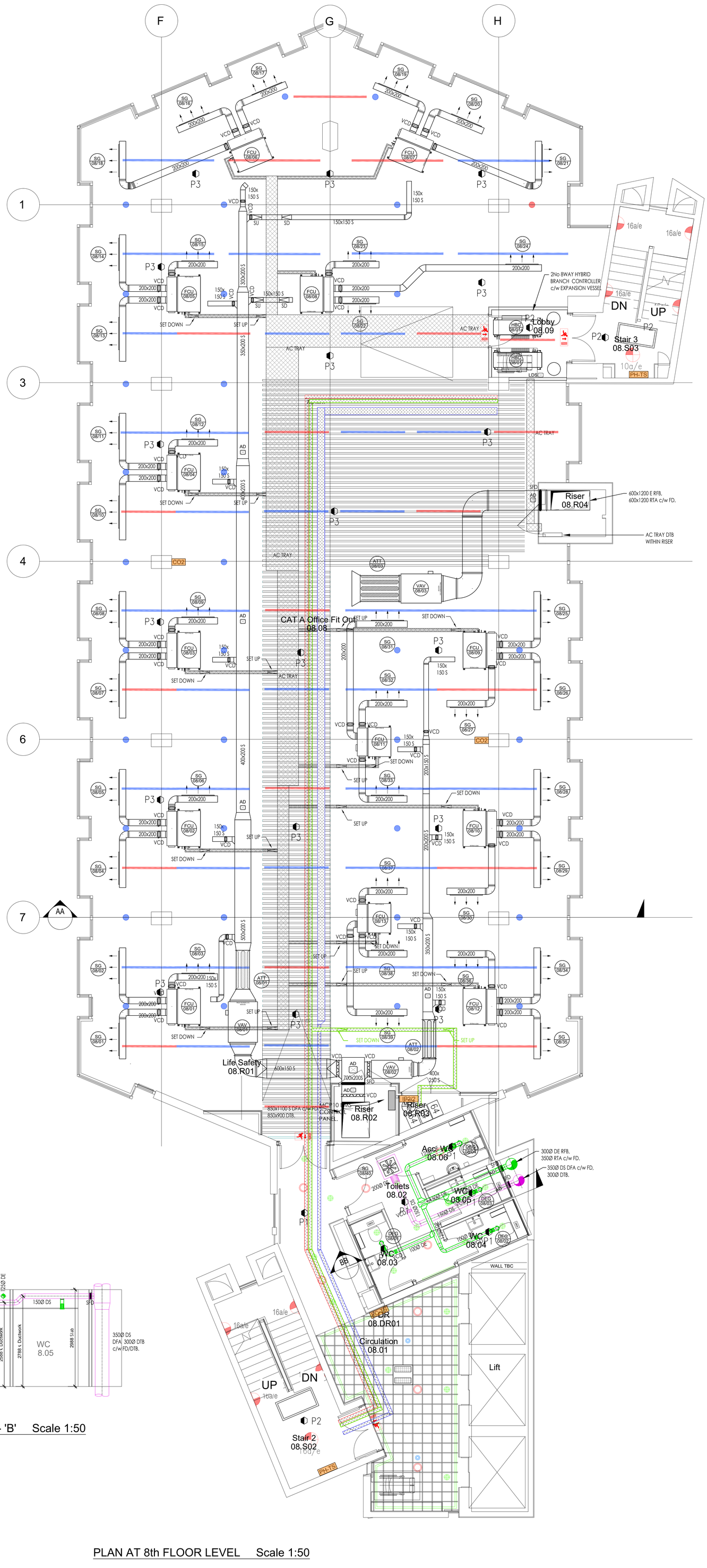


SECTION 'A' - 'A' ON GRID LINE 7 Scale 1:50

HVRF Tower Block 8th Floor Zone 1								
CU Ref	Location	Model	Cooling KW	Heating	COP/	FLC A	Input KW	Fuse
HVRF-08-01	Tower Roof	PURY-EM500YNW-A1	56	63	3.6/3.	27.9 / 28.9	18.06	50|3p
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling KW	Required Heating KW		NR
FCU-08-01	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-02	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-03	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-04	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-05	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-06	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-07	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-08	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-09	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-10	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-11	CAT A Office 08.08	PEFY-WP25-VMA-E	FCU	200	2.23	1.45		27
FCU-08-12	CAT A Office 08.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-08-13	CAT A Office 08.08	PEFY-WP25-VMA-E	FCU	200	2.23	1.45		27
HBC Ref	Location	Model	No	Size	SC A	FLC A	Input KW	Fuse
HBC-08-01	Corridor	CMB-WM108V-AA	8	1520x630x300	x	2.83	0.46	6
HBC-08-01a	Corridor	CMB-WM108V-AA	8	1520x630x300	x	2.83	0.46	6

VAV Schedule Eighth Floor										
Unit Ref	Zone Served	Model	Attenuator	Air max (l/s)	ΔP (Pa)	Dimensions (mm) Length	Width	Connections (mm) Width	Height	Room NR
VAV-08-01	08.08 - CAT A Office (West) - Supply	TZ-Silenzio/250/BMO	No	411	32	1250	700 | 311	598	201	35
VAV-08-02	08.08 - CAT A Office (East) - Supply	TZ-Silenzio/200/BMO	No	281	35	1250	560 | 281	458	210	35
VAV-08-03	08.08 - CAT A Office - Extract	TZ-Silenzio/315/BMO	No	692	35	1250	900 | 361	798	252	35

Attenuator Schedule Eighth Floor								
Ref	System	Location	L/S	Dimensions (mm) Width	Height	Length	Noise Criteria	Max PD (Pa)	Duct Size
ATT-08-	VAV-08-01 Supply Air	08.08 CAT A Office	416				35	30	400x250
ATT-08-	VAV-08-02 Supply Air	08.08 CAT A Office	280				35	30	400x200
ATT-08-	VAV-08-03 Extract Air	08.08 CAT A Office	696				35	30	800x250



PLAN AT 8th FLOOR LEVEL Scale 1:50

SECTION ON 'B' - 'B' Scale 1:50

NOTES

- CONDENSATE DRAINS TO FOLLOW ROUTES OF REFRIGERATION PIPEWORK AND DISCHARGE INTO LOCAL WASTE STACK (LOCATION TO BE AGREED ON SITE TO SUIT FALL OF DRAIN PIPEWORK)
- FOR DETAILS OF LTHW PIPEWORK SEE DRG. CW1193-M-56-08-01

ELECTRICAL EQUIPMENT LEGEND

- FIRE ALARM BACKET
- POWER BASKET
- COMMS TRAY

MECHANICAL EQUIPMENT LEGEND

- MITSUBISHI HVRF DUCTED FAN COIL
- DUCT MOUNTED LINEAR GRILLE
- VCD VOLUME CONTROL DAMPER
- VCD VOLUME CONTROL DAMPER
- ATTENUATOR
- VAV - VARIABLE AIR VOLUME UNIT
- SFD SMOKE/FIRE DAMPER
- AD ACCESS DOOR
- AC PIPEWORK TRAY
- AC PIPEWORK
- LDS LEAK DETECTION SENSOR

ISSUED FOR APPROVAL

Revision	Date	Drawn by	Checked by	Dwg. Status
P5	Undated as comments from client 13.09.24. Reissued for approval.	Oct24	P.S.	D.I. For Approval
P4	Undated as comments from client. Reissued for final approval.	Aug24	P.S.	D.I. For Approval
P3	Reissued for final approval. Updated as comments from client 14.06.24	July24	P.S.	D.I. For Approval
P2	SG08-18 and SG08-21 repositioned to give better air distribution, VAV08-03 & ATT08-03 repositioned due to limited height above ceiling raft.	May24	P.S.	D.I. For Approval
P1	For Approval	March24	P.S.	D.I. For Approval

Client: Bruntwood

Project: Pall Mall Manchester

Title: Coordinated M+E Services Layout 8th Floor Level

Drawn by	P.S.
Checked by	D.I.
Approved by	S.K.
Scale	1:50
Sheet Size	A0
Issue Date	March24
Contract No.	CW1193
Drawing No.	ME-59-08-01
Revision	P5

CubicWorks

2nd Floor Spinnaker Court, 31 Broadway, Salford, Manchester M50 2YR.

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