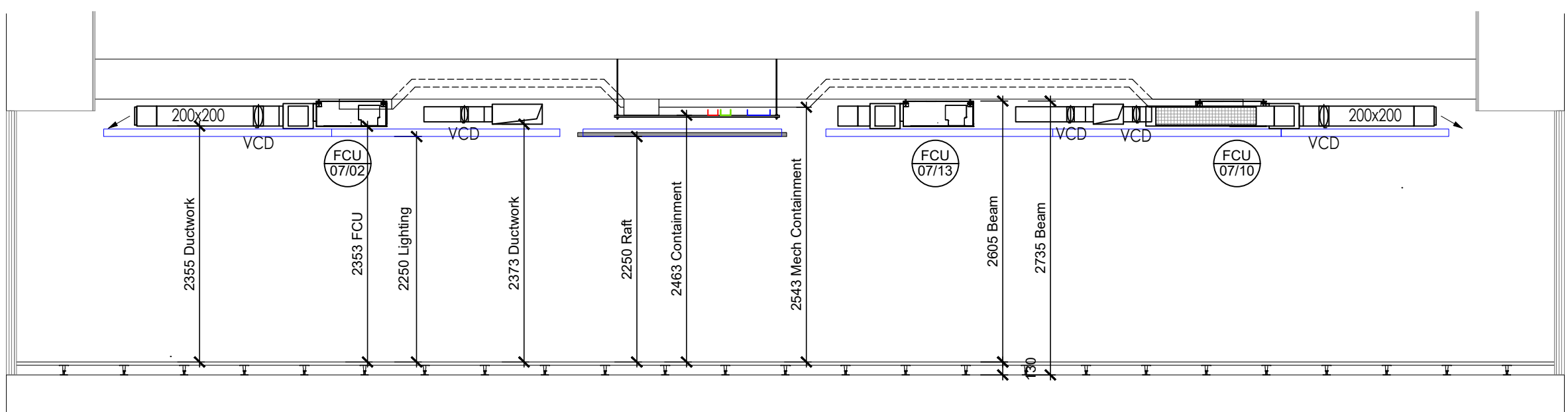


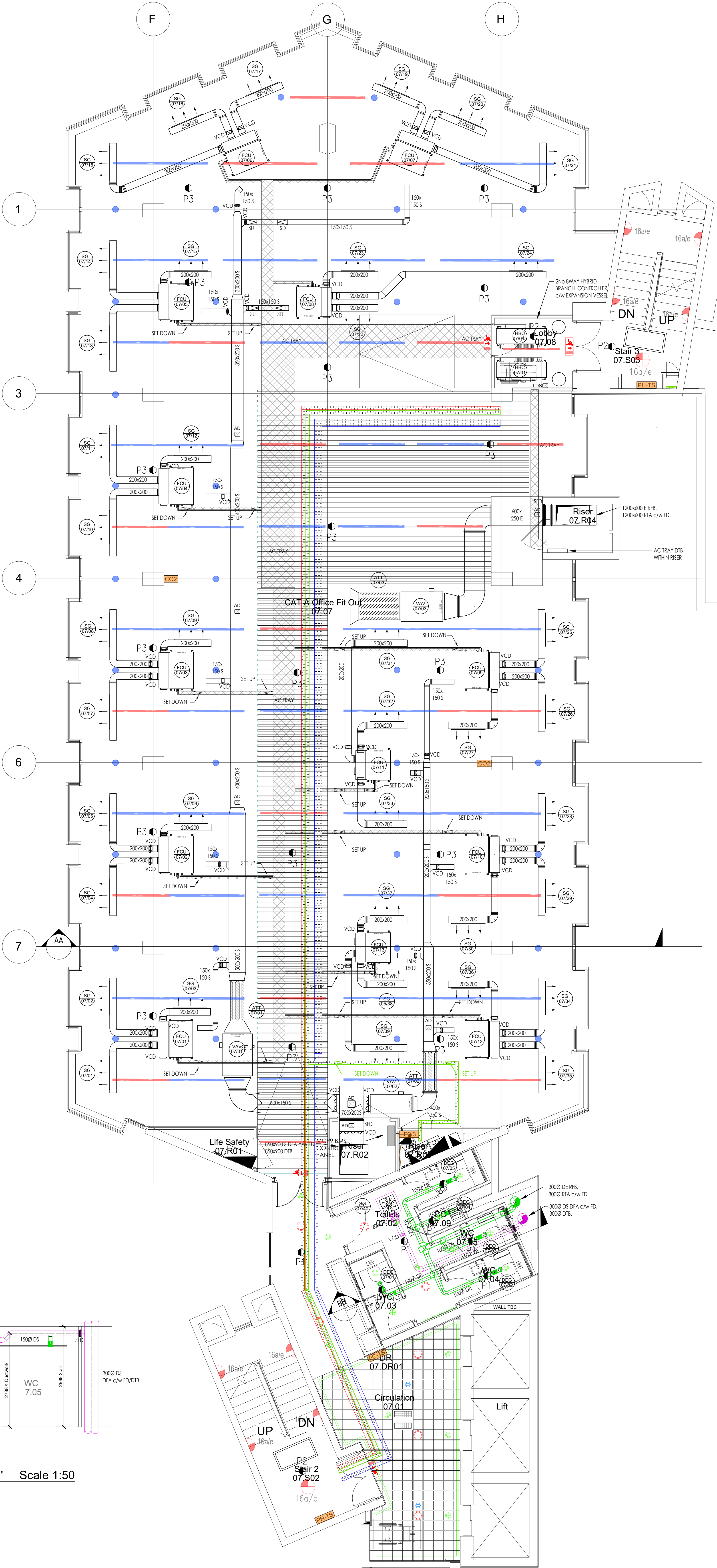


SECTION 'A' - 'A' ON GRID LINE 7 Scale 1:50

HVRF Tower Block 7th Floor Zone 1									
CU Ref	Location	Model	Cooling KW	Heating KW	COP	FLC A	Input KW	Fuse	
HVRF-07-01	Tower Roof	PURV-EM500/11W	56	63	3.6/3	27.9 / 28.9	18.06	50A	
Unit Ref	Room	Model	Type	Air Us	Required Sensible Cooling KW	Required Heating KW	NR		
FQJ07-01	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-02	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-03	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-04	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-05	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-06	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-07	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-08	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-09	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-10	CAT A Office 07.07	PEFY-WP40-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-11	CAT A Office 07.07	PEFY-WP25-VMA-E	FCU	200	2.23	1.45	27		
FQJ07-12	CAT A Office 07.07	PEFY-WP25-VMA-E	FCU	300	3.45	2.05	20		
FQJ07-13	CAT A Office 07.07	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-07-01	Corridor	CMB-WM108V-AA	8	150x650x30	x	2.83	0.46	6	
HBC-07-08	Corridor	CMB-WM108V-AA	8	150x650x30	x	2.83	0.46	6	

VAV Schedule Seventh Floor									
Unit Ref	Zone Served	Model	Attenuator	Air max (l/s)	SP (Pa)	Length (mm)	Width (mm)	Connections (mm)	Room NR
VAV-07-01	07.07 - CAT A Office (West) - Supply	T2-Silencio250BMO	No	411	32	1250	700	311	588
VAV-07-02	07.07 - CAT A Office (East) - Supply	T2-Silencio250BMO	No	281	35	1250	560	381	458
VAV-07-03	07.07 - CAT A Office - Extract	T2-Silencio315BMO	No	682	35	1250	900	361	768

Attenuator Schedule Seventh Floor									
Ref	System	Location	L/S	Dimensions (mm)	Noise Criteria	Max PD (Pa)	Duct Size		
ATT-07-01	VAV-07-01 Supply Air	07.07 CAT A Office	416	Width: 700, Height: 311	35	30	400x250		
ATT-07-02	VAV-07-02 Supply Air	07.07 CAT A Office	280	Width: 560, Height: 381	35	30	400x200		
ATT-07-03	VAV-07-03 Extract Air	07.07 CAT A Office	686	Width: 900, Height: 361	35	30	800x250		



PLAN AT 7th FLOOR LEVEL Scale 1:50

- NOTES
- CONDENSATE DRAINS TO FOLLOW ROUTES OF REFRIGERATION PIPING AND DISCHARGE INTO LOCAL WASTE STACK (LOCATION TO BE AGREED ON SITE TO SUIT FALL OF DRAIN PIPING)
 - FOR DETAILS OF LHVW PIPING SEE DRG. CW1193-M-56-07-01

ELECTRICAL EQUIPMENT LEGEND

- FIRE ALARM BASKET
- POWER BASKET
- COMMS TRAY

MECHANICAL EQUIPMENT LEGEND

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

Revision	Description	Author	Check	For Approval
P1	Undated as comments from client 13.09.24. Reissued for approval.			
P2	Undated as comments from client. Reissued for final approval.			
P3	Reissued for final approval. Updated as comments from client 14.06.24			
P4	Reissued for final approval. Updated as comments from client 14.06.24			
P5	Reissued for final approval. Updated as comments from client 14.06.24			

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The contractor is to check all dimensions and conditions on site before commencing. (S) NOT SCALE - USE FIGURED DIMENSIONS ONLY. This drawing is confidential & is the property of CubicWorks Ltd. It must not be copied, lent or disclosed to any third party without prior written consent.

ISSUED FOR APPROVAL

Client: Bruntwood
Project: Pall Mall Manchester
Title: Coordinated M+E Services Layout 7th Floor Level

Drawn by: P.S.
Checked by: D.I.
Approved by: S.K.
Scale: 1:50
Sheet Size: A0
Issue Date: March 24
Contract No: CW1193
Drawing No: ME-59-07-01
Revision: P5



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