CONTINUATION OF DRAWING 'MARSDEN STREET'

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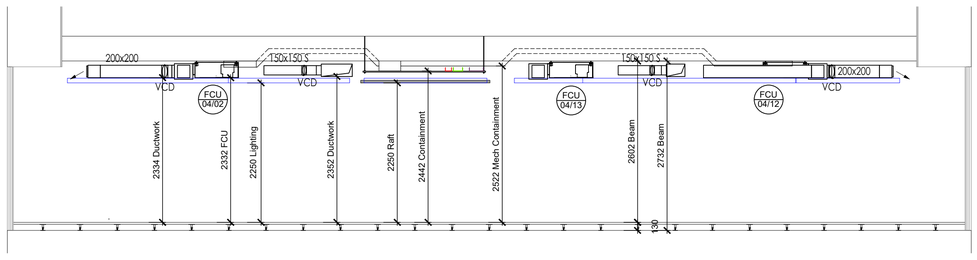

SECTION 'A' - 'A' ON GRID LINE 7 Scale 1:50

PLAN AT 4th FLOOR LEVEL Scale 1:50

HVRF Tower Block 4th Floor Zone 1								
CU Ref	Location	Model	Cooling KW	Heating KW	COP/	FLC A	Input KW	Fuse
HVRF-04-01	Tower Roof	PURY-EM500Y NW-	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-04-01	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-02	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-03	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-04	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-05	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-06	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-07	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-08	CAT A Office 04.08	PEFY-WP25-VMA-E	FCU	200	2.23	1.45		27
FCU-04-09	CAT A Office 04.08	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-10	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-11	CAT A Office 04.08	PEFY-WP25-VMA-E	FCU	200	2.23	1.45		27
FCU-04-12	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
FCU-04-13	CAT A Office 04.08	PEFY-WP25-VMA-E	FCU	200	2.23	1.45		27
FCU-04-14	CAT A Office 04.08	PEFY-WP40-VMA-E	FCU	300	3.45	2.05		29
HBC Ref	Location	Model	No	Size	SC A	FLC A	Input KW	Fuse
HBC-04-01	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6
HBC-04-01a	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6

HVRF King Street 4th Floor Zone 2								
CU Ref	Location	Model	Cooling KW	Heating KW	COP/	FLC A	Input KW	Fuse
HVRF-04-02	King Street Roof	PURY-EM250Y NW-	28	31.5	3.56/3	14.1/ 12.3	8.84	25(3p
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling KW	Required Heating KW		NR
FCU-04-22	Teapoint 04.20	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
FCU-04-23	26P Office 04.18	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
FCU-04-24	26P Office 04.18	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
FCU-04-25	Meeting Room 04.21	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
FCU-04-26	26P Office 04.18	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
FCU-04-27	26P Office 04.18	PEFY-WP32-VMA-E	FCU	242	3.43	2.01		29
ACU-04-01	Phonebooth	PLFY-WL20-VFM-E	Cassette	n/a	2.11	0.92		29
ACU-04-02	Meeting	PLFY-WL25-VFM-E	Cassette	n/a	2.44	1.37		30
HBC Ref	Location	Model	No	Size	SC A	FLC A	Input KW	Fuse
HBC-04-02	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6

HVRF Marsden Street 4th Floor Zone 3								
CU Ref	Location	Model	Cooling KW	Heating KW	COP/	FLC A	Input KW	Fuse
HVRF-04-03	Marsden Road Roof	PURY-EM250Y NW-	28	31.5	3.56/3	14.1/ 12.3	8.84	25(3p
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling KW	Required Heating KW		NR
FCU-04-15	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-16	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-17	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-18	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-19	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-20	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
FCU-04-21	CAT A Office 04.16	PEFY-WP32-VMA-E	FCU	242	3.03	1.89		29
HBC Ref	Location	Model	No	Size	SC A	FLC A	Input KW	Fuse
HBC-04-03	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6

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-56-06-01

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

Revision	Revision description	Date / Drawn by / Checked by / Dwg. Status
P5	Undated as comments from client and discussed in meeting.	Sept24 / 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	Jun24 / P.S. / D.I. / For Approval
P2	SG04-18 and SG04-21 repositioned to give better air distribution, VAV04-09 & ATT04-09 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

ISSUED FOR APPROVAL

Client: Bruntwood

Project: Pall Mall Manchester

Title: Coordinated M+E Services Layout 4th 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-59-04-01
Revision	P4

CubicWorks

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

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