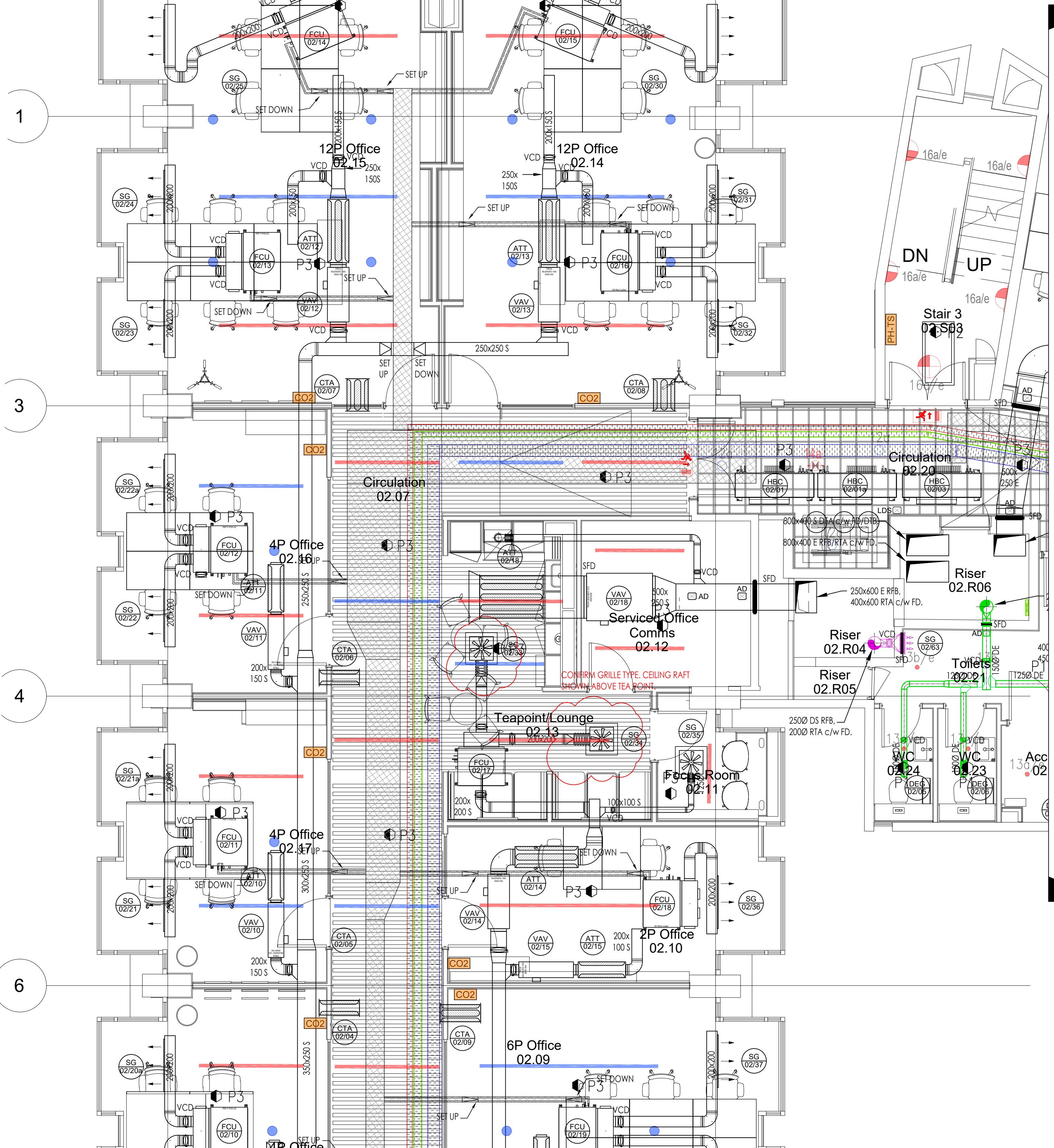


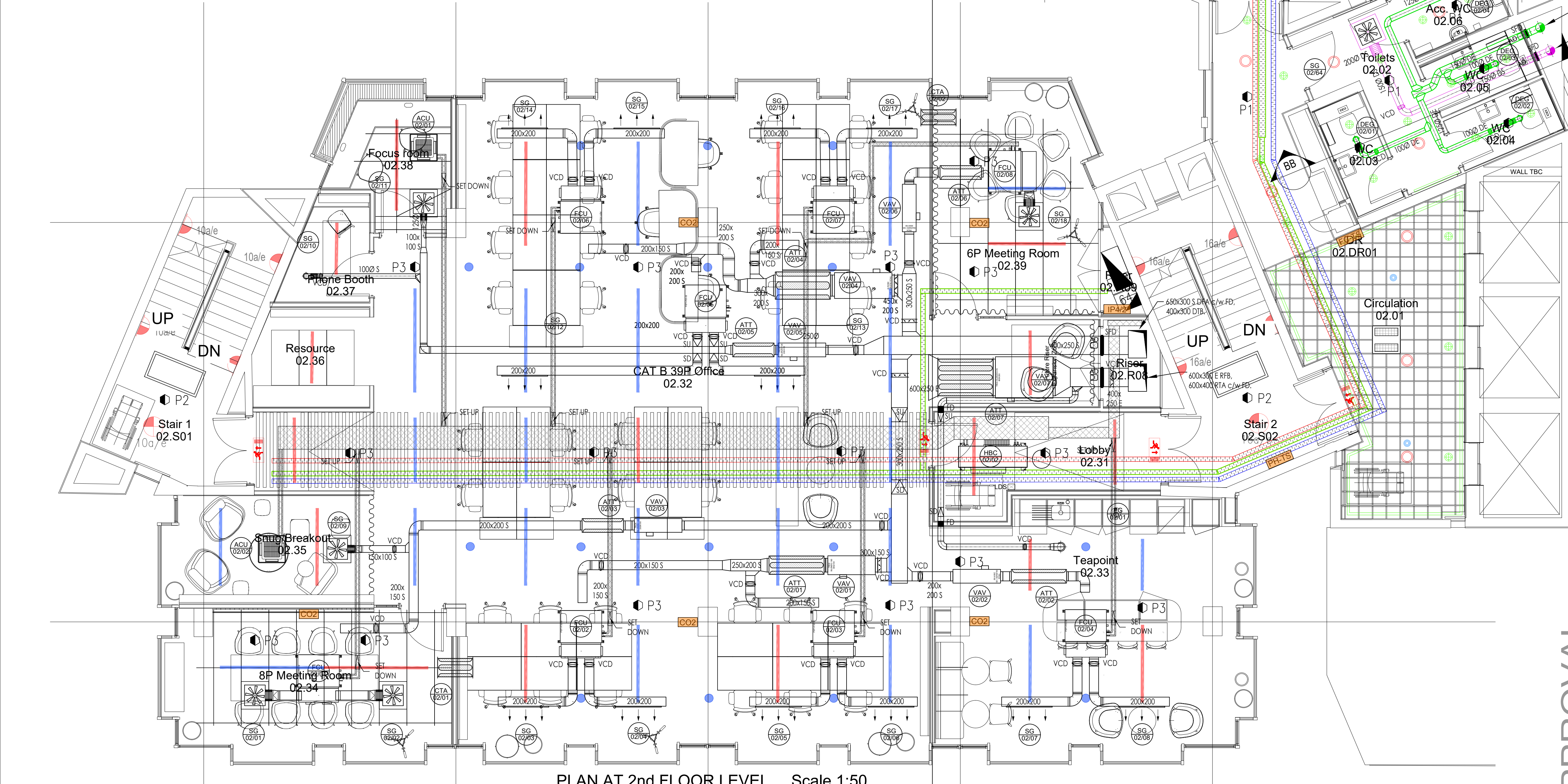
CONTINUATION OF DRAWING 'MARDEN STREET'

CONTINUATION OF DRAWING 'MARDEN STREET'



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

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



PLAN AT 2nd FLOOR LEVEL Scale 1:50

- ELECTRICAL EQUIPMENT LEGEND**
- FIRE ALARM BASKET
 - POWER BASKET
 - COMMS TRAY
- MECHANICAL EQUIPMENT LEGEND**
- MITSUBISHI HVRV 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 PEW/WORK TRAY
 - AC PEW/WORK
 - LEAK DETECTION SENSOR

Undated as comments from client and discussed in meeting.		Rev	P4
Undated as comments from client. Reissued for final approval.		Rev	P3
Reissued for final approval. Updated as comments from client 14.06.24		Rev	P2
For Approval		Rev	P1
Revision description		Rev	
Client		Rev	
Project		Rev	
Bruntwood		Rev	
Pall Mall Manchester		Rev	
Coordinated M+E Services Layout 2nd Floor Level		Rev	
Title		Rev	
Drawn by P.S.		Rev	
Checked by D.I.		Rev	
Approved by S.K.		Rev	
Scale 1:50		Rev	
Sheet Size A0		Rev	
Issue Date March24		Rev	
Contract No. CW1193		Rev	
Drawing No. ME-59-02-01		Rev	
Revision P4		Rev	
The contractor is to check all dimensions and conditions on site before commencing. DO NOT SCALE - USE DIMENSIONS ON DRAWING ONLY. This drawing is confidential & is the property of CubicWorks Ltd. It must not be copied, loaned or disclosed to any third party without prior written consent.		Rev	

HVRF Tower Block 2nd Floor Zone 1									
CU Ref	Location	Model	Cooling kW	Heating kW [COP]	FLC A	Input kW	Fuse	Required Heating	NR
HVRF-02-01	Tower Roof	PURV-EM400Y-NW	45	50	3.6/3	22.9 / 22.9	13.88	40.5p	
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling kW	Required Heating kW			
FCU-02-09	4P Office 2.19	PEFY-WP32-VMA-E	FCU	242	3.02	1.87	29		
FCU-02-10	4P Office 2.18	PEFY-WP32-VMA-E	FCU	242	3.02	1.87	29		
FCU-02-11	4P Office 2.17	PEFY-WP32-VMA-E	FCU	242	3.02	1.87	29		
FCU-02-12	4P Office 2.16	PEFY-WP32-VMA-E	FCU	242	3.02	1.87	29		
FCU-02-13	12P Office 2.15	PEFY-WP40-VMA-E	FCU	300	3.67	2.22	29		
FCU-02-14	12P Office 2.14	PEFY-WP40-VMA-E	FCU	300	3.67	2.22	29		
FCU-02-15	12P Office 2.13	PEFY-WP40-VMA-E	FCU	300	3.67	2.22	29		
FCU-02-16	12P Office 2.12	PEFY-WP40-VMA-E	FCU	300	3.67	2.22	29		
FCU-02-17	Teapoint 2.11	PEFY-WP32-VMA-E	FCU	150	1.76	0.98	29		
FCU-02-18	2P Office 2.10	PEFY-WP32-VMA-E	FCU	200	2.23	1.45	27		
FCU-02-19	6P Office 2.08	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
FCU-02-20	6P Office 2.07	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
HBC-02-01	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6	
HBC-02-01a	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6	

HVRF King Street 3rd Floor Zone 2									
CU Ref	Location	Model	Cooling kW	Heating kW [COP]	FLC A	Input kW	Fuse	Required Heating	NR
HVRF-02-02	King Street Roof	PURV-EM250Y-NW	28	31.5	3.56/3	14.1 / 12.3	8.84	25.5p	
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling kW	Required Heating kW			
FCU-02-01	BP Meeting 02.34	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
FCU-02-02	CAT B 3BP Office	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
FCU-02-03	CAT B 3BP Office	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
FCU-02-04	Teapoint 02.33	PEFY-WP32-VMA-E	FCU	200	2.29	1.45	27		
FCU-02-05	CAT B 3BP Office	PEFY-WP32-VMA-E	FCU	200	2.29	1.45	27		
FCU-02-06	CAT B 3BP Office	PEFY-WP32-VMA-E	FCU	200	2.29	1.45	27		
FCU-02-07	CAT B 3BP Office	PEFY-WP32-VMA-E	FCU	200	2.29	1.45	27		
FCU-02-08	BP Meeting 02.38	PEFY-WP32-VMA-E	FCU	242	3.43	2.01	29		
ACU-02-01	Focus Rm 02.38	PLFY-WL32-VMA-E	Cassette	n/a	1.88	0.92	29		
ACU-02-02	SnigBreakout	PLFY-WL32-VMA-E	Cassette	n/a	1.88	0.92	29		
HBC Ref	Location	Model	No	Size	SCA	FLC A	Input kW	Fuse	
HBC-02-02	Corridor	CMB-WM108V-AA	16	1800x630x30	x	2.83	0.46	6	

HVRF Marden Street 2nd Floor Zone 3									
CU Ref	Location	Model	Cooling kW	Heating kW [COP]	FLC A	Input kW	Fuse	Required Heating	NR
HVRF-02-03	Marden Street Roof	PURV-EM250Y-NW	28	31.5	3.56/3	14.1 / 12.3	8.84	25.5p	
Unit Ref	Room	Model	Type	Air l/s	Required Sensible Cooling kW	Required Heating kW			
FCU-02-21	26P Office 02.26	PEFY-WP32-VMA-E	FCU	242	3.33	2.01	29		
FCU-02-22	26P Office 02.26	PEFY-WP32-VMA-E	FCU	242	3.33	2.01	29		
FCU-02-23	26P Office 02.26	PEFY-WP32-VMA-E	FCU	242	3.33	2.01	29		
FCU-02-24	26P Office 02.26	PEFY-WP32-VMA-E	FCU	242	3.33	2.01	29		
FCU-02-25	18P Office 02.30	PEFY-WP32-VMA-E	FCU	242	3.04	1.97	29		
FCU-02-26	18P Office 02.30	PEFY-WP32-VMA-E	FCU	242	3.04	1.97	29		
FCU-02-27	18P Office 02.30	PEFY-WP32-VMA-E	FCU	242	3.04	1.97	29		
ACU-02-02	Focus Rm 02.28	PLFY-WL32-VMA-E	Cassette	n/a	1.54	0.45	29		
ACU-02-03	Meeting 2.27	PLFY-WL32-VMA-E	Cassette	n/a	1.54	0.45	29		
HBC Ref	Location	Model	No	Size	SCA	FLC A	Input kW	Fuse	
HBC-02-03	Corridor	CMB-WM108V-AA	8	1520x630x30	x	2.83	0.46	6	

