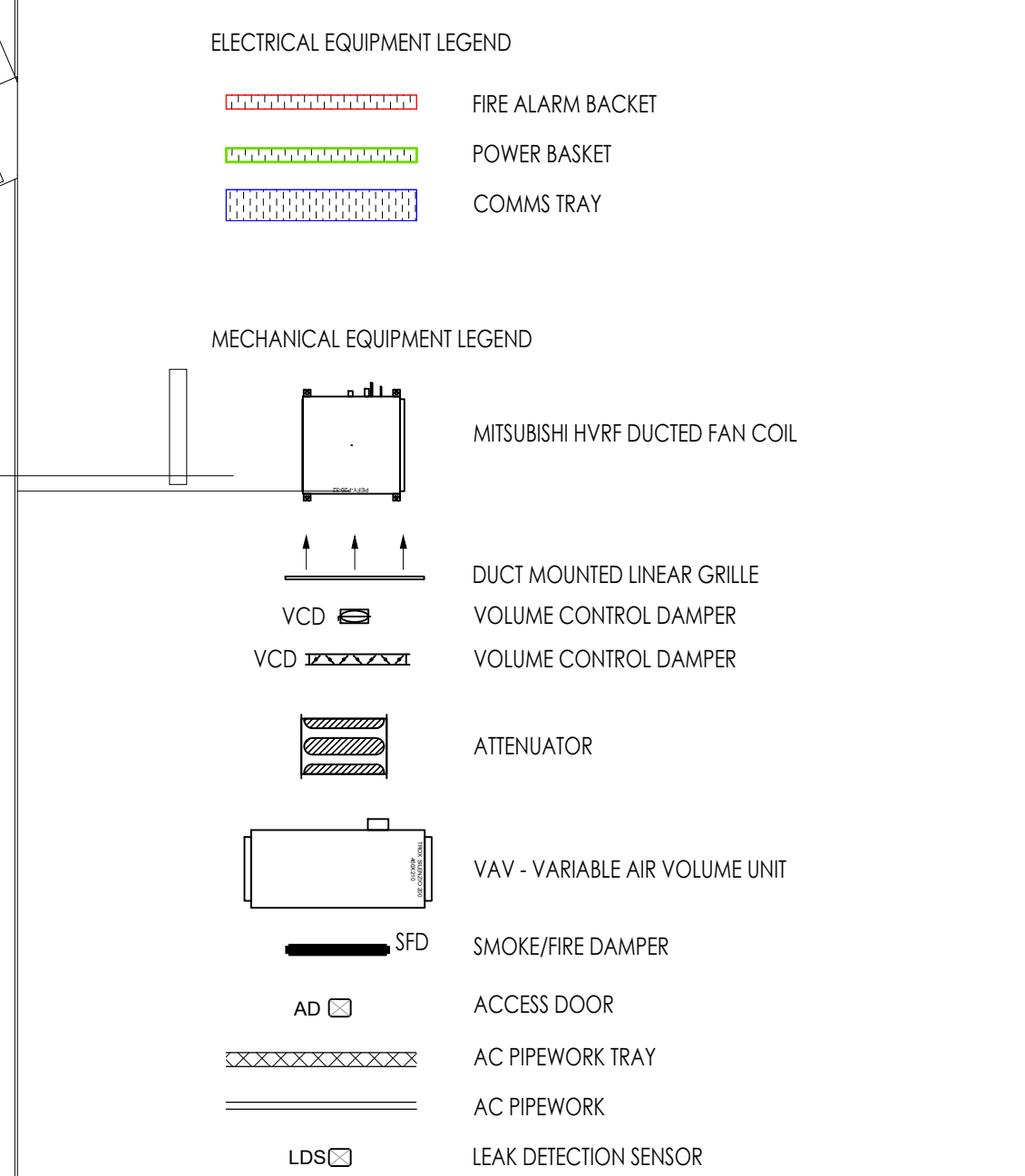
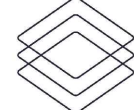
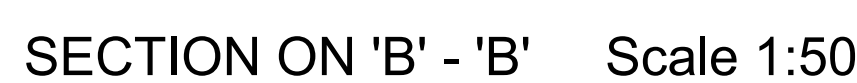




Revision	P4	Limited comments from client and discussed in meeting.				
	P3	Updated as comments from client. Released for final approval.			Approved By	(S)
	P2	Reissued for final approval. Updated as comments from client 14.06.24			Approved By	(S)
	P1	For Approval			Memo	(S)
		Revision description			Date Submitted	Checked by
		Client				
<p style="text-align: center;">Brunttwood</p>						
<p>Project</p> <p style="text-align: center;">Pall Mall Manchester</p>						
<p>Title</p> <p style="text-align: center;">Coordinated M+E Services Layout 1st Floor Level</p>						
<p>Drawn by P.S.</p> <p>Checked by D.I.L.</p> <p>Approved by S.K.</p> <p>Scale 1:50</p> <p>Sheet Size A0</p> <p>Issue Date March24</p> <p>Contract No. CW1193</p> <p>Drawing No. ME-59-01-01</p> <p>Revision P4</p>						
			 <p style="font-size: 2em; font-weight: bold;">CubicWorks</p>			
			<p style="text-align: right;">2nd Floor Spinnaker Court, 31 Broadway, Salford, Manchester M50 2YB.</p>			
<p>The contractor is to check all dimensions and conditions on site before commencing. DO NOT SCALE - USE FLOORPLANS ONLY! This drawing is confidential & it is the property of CubicWorks Ltd. It must not be copied, lent or disclosed in any third party without prior written consent.</p>						

HWRF King Street 1st Floor Zone 2										
CU Ref	Location	Model	Model	Cooling kW	Heating kW	COP	FLCA	Input kW	Phase	
Unit Ref	Room	Model	Model	28	31.2	1.360				
					Reqd			Required Heating kW		NR
FCU-01-01	48P Office 01.38	WPV3-WP23-VMA-E	FCU	242	2.88		1.86	29		
FCU-01-02	48P Office 01.38	WPV3-WP23-VMA-E	FCU	200	2.23		1.45	27		
FCU-01-03	48P Office 01.38	WPV3-WP23-VMA-E	FCU	200	2.23		1.33	27		
FCU-01-04	48P Office 01.33	WPV3-WP23-VMA-E	FCU	242	2.88		1.86	29		
FCU-01-05	48P Office 01.38	WPV3-WP23-VMA-E	FCU	242	3.03		1.56	29		
FCU-01-06	48P Office 01.38	WPV3-WP23-VMA-E	FCU	242	3.03		1.56	29		
FCU-01-07	48P Office 01.38	WPV3-WP23-VMA-E	FCU	242	3.03		1.56	29		
ACU-01-01	Focus 01.36	PLV3-WJ23VME	Cassette	NA	1.55		0.44	29		
ACU-01-02	Meeting 01.39	PLV3-WJ23VME	Cassette	NA	2.44		1.37	30		
HSB-01-01	Corridor	CMB3-WM15-18-A	NA	16	18000Btu30	3	2.63	0.46	6	

HVFR Main Stand Fire Zone 3a									
CJ Ref	Location	Material	Coating	Kg	Heating Kg	COP	F.L.C.A	Input Kg	Fuse
HVFR 01	Main Stand Roof	PURTY-EG200T-1W	22	4	24	41.36	9.9-8.2	8.23	303
Unit Ref	Room	Material	Type	Alt	kg	Resealable Coating	kg	Heating	NR
FCU-01-22	8P Office 01-22	PEFY-WP22-VALE	FCU	242	2.85		1.67	29	
FCU-01-23	8P Office 01-23	PEFY-WP22-VALE	FCU	242	2.55		1.44	29	
FCU-01-24	8P Office 01-24	PEFY-WP22-VALE	FCU	242	2.52		1.72	29	
FCU-01-25	8P Office 01-25	PEFY-WP22-VALE	FCU	242	2.54		1.97	29	
FCU-01-26	12P Office 01-26	PEFY-WP22-VALE	FCU	242	2.88		1.67	29	
FCU-01-27	12P Office 01-27	PEFY-WP22-VALE	FCU	242	2.89		1.67	29	
HC85-01	Corridor	OMB-WM108-VA	8	1520	693.00	X	2.83	0.46	6



ISSUED FOR APPROVAL



CubicWorks