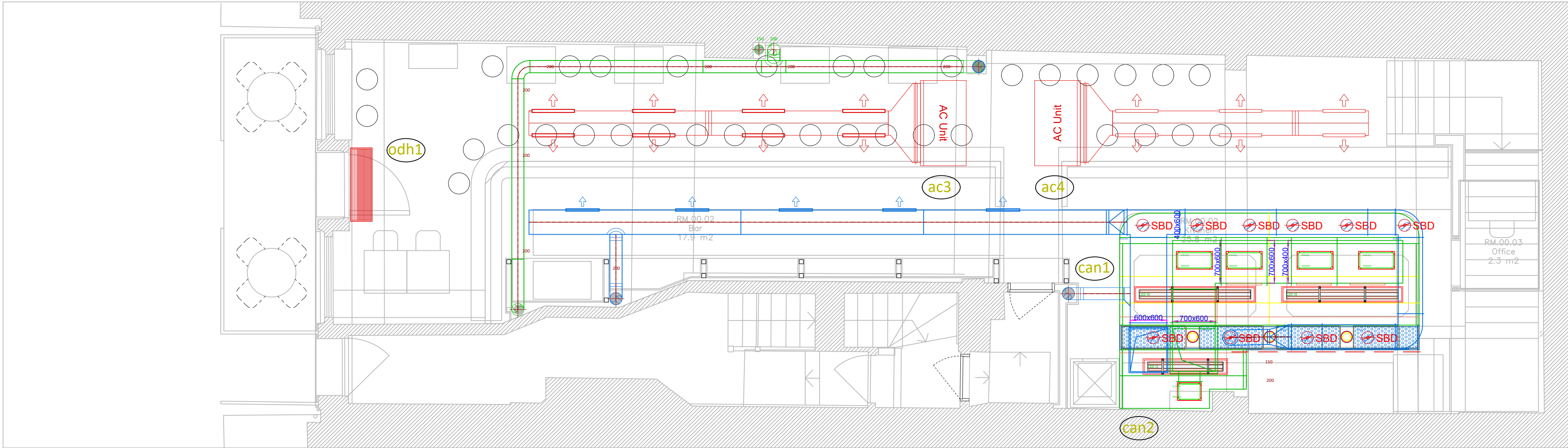
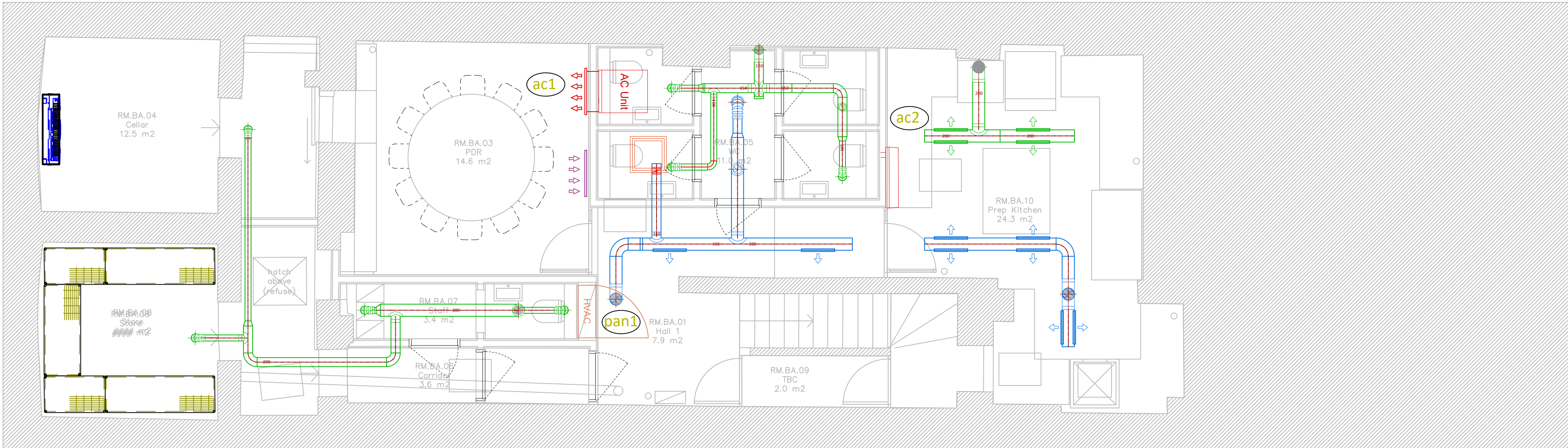




GROUND FLOOR



BASEMENT

equipment schedule

revision	~	client	njmk	total hvac	108
date	11/07/2021	site	30 charlotte street	total TFP panel	108

item	description	model	location	size	weight	noise	power supply	fed from panel	108	103	106	power	duty	control requirement	filter + pump size	comment
EF1	kitchen extract			height x width x depth	kg	dB(A) @ 3m dB(A) @ 1m*	V/ph/Hz		A	A	A	kW	kW or m3/s	points	mm + ltr	general
EF2	general extract	k200I	first floor	1200 x 1200 x 1900	450		45/3/50		11	11	11		3.6 m3/s @ 800			
EF3	wc extract	k150	first floor	336x231x200dia	4.8	48	230/1/50					~	0.27 @ 100			
SF1	supply fan	80-630-3-4	kitchen	336x231x150dia	4.8	48	230/1/50			0.3		~	0.15 @ 100			
EHB	electric heater battery	bespoke	plant housing	800x800x800	105	53	415/3/50		8	8	8	4.4	2.8 @ 600			
FH1	filter housing	b126I	plant housing	600 x 600 x 450	25	~	415/3/50		50	50	50	36				
AC1	cassette	RM561MUT-E	pdr	1200 x 600 x 600	20	~										
AC2	wall mount	RM561RTP-E	kitchen	256 x 757 x 575	15	59	CU1									
AC3	ducted fan coil unit	GM901BTP-E	ground floor	320 x 1050 x 250	14	57	CU2									
AC4	ducted fan coil unit	GM901BTP-E	ground floor	275 x 1400 x 750	40	52	CU3									
AC5	cassette	RM561UTP-E	first floor	275 x 1400 x 750	40	52	CU4									
AC6	cassette	RM401MUT-E	first floor	256 x 840 x 840	20	47	CU5									
AC7	cassette	RM401MUT-E	first floor	256 x 575 x 575	15	56	CU6									twin split
CU1	cassette - condenser	GM561ATP-E	plant housing	256 x 575 x 575	15	56	CU6									twin split
CU2	wall mount - condenser	GM561ATP-E	plant housing	550 x 780 x 290	40	63	230/1/50				7.93	~	5.3			
CU3	FCU - condenser	GM901ATP-E	plant housing	550x780x290	40	63	230/1/50				7.93		5.3			
CU4	FCU - condenser	GM901ATP-E	plant housing	630 x 800 x 300	68	70	230/1/50			14.5			9			
CU5	cassette - condenser	GM561ATP-E	plant housing	630 x 800 x 300	68	70	230/1/50						9			
CU6	twin split cassette - condenser	GM901ATP-E	plant housing	550 x 780 x 290	40	63	230/1/50				7.93		5.3			
ODH1	over door heater	C1000E	ground floor	550 x 780 x 290	44	65	230/1/50			10.4			7.7			
CAN1	island canopy	halton	ground floor	1137 x 275 x 198	16	55	415/3/50		13.7	13.7	13.7		4.5/9			with coalescers
CAN2	wall canopy	halton	ground floor	5000 x 1800 x 555	375	~	230/1/50				3					with coalescers
PAN1	control panel	TFP	TBC	2000 x 1000 x 555	125	~	230/1/50				2					125ATP+N
N1	fire alarm connection from panel			1200 x 1000 x 300	250	~	415/3/50									

Specific Extract Flow Rate Calculation Sheet

Based on the THERMAL CONNECTION METHOD as recommended in HVCA Specification DW172:2018

Site:

30 charlotte street

Floor Level:

ground

Area:

main kitchen

Canopy / Ceiling Ref:

main island

Canopy Type:

10.0H Wall-Type, Island Mounted (open both ends)

For:

njmk

Job No.:

1037-200

Client Drg No.:

8263-G01

Date:

06/07/2021

Assessed By:

ef

the fellerman partnership

Item	Cooking Equipment	Power	Plan Size		DW172 SEFR Method		
			X(m)	Y(m)	Area (m²)	TCC (m³/s/m²)	Flow Rate (m³/s)
	Open Grill / BBQ / Charcola Pit, Solid Fuel	Solid Fuel	1.40	0.60	0.84	0.96	0.81
	Open Grill / BBQ / Charcola Pit, Solid Fuel	Solid Fuel	1.80	0.60	1.08	0.96	1.04
	Salamander Grill, Gas	Gas	0.75	0.50	0.375	0.75	0.28

Specific Extract Flow Rate Calculation Sheet

Based on the THERMAL CONNECTION METHOD as recommended in HVCA Specification DW172:2018

Site:	30 charlotte street	For:	njmk
Floor Level:	ground	Job No.:	1037-200
Area:	main kitchen	Client Drg No.:	8263-G01
Canopy / Ceiling Ref:	wall	Date:	06/07/2021
Canopy Type:	05 Passover Type (open one end)	Assessed By:	ef

the fellerman partnership

Item	Cooking Equipment	Power	Plan Size		DW172 SEFR Method		
			X(m)	Y(m)	Area (m²)	TCC (m³/s/m²)	Flow Rate (m³/s)
	Induction Hob / Ceramic Stove, Electric	Electric	0.80	0.80	0.64	0.20	0.13
						</	

Client	MJMK		
Project	30 CHARLOTTE STREET - LISBOETA		
Title	BASEMENT + GROUND		
Contract No.	1037	Drawing No.	TFP-1037-201 B
Scale	1:50:A1 1:100:A3	Date	01/07/2021