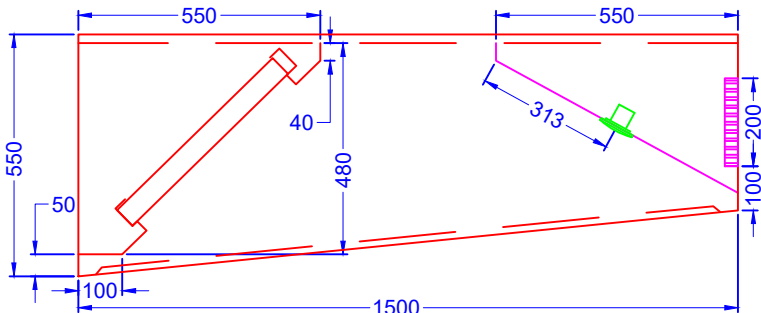
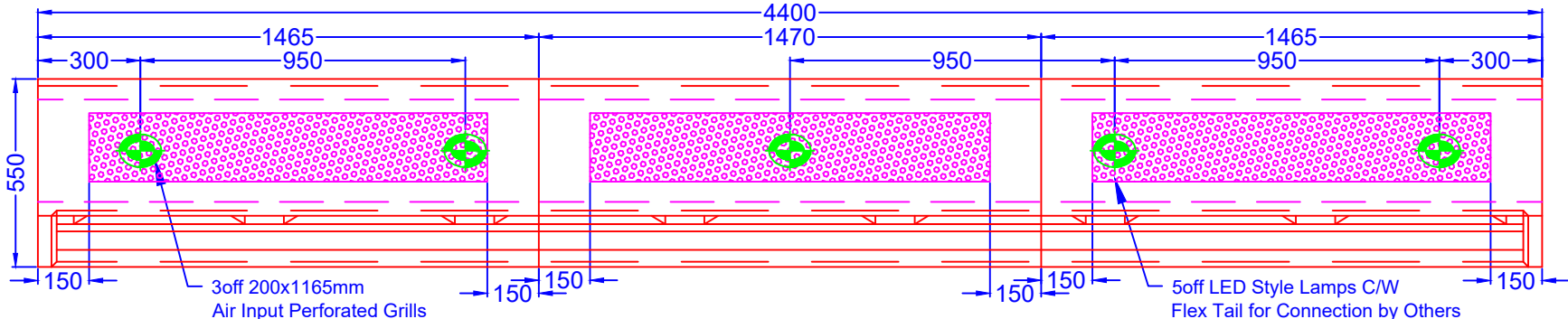


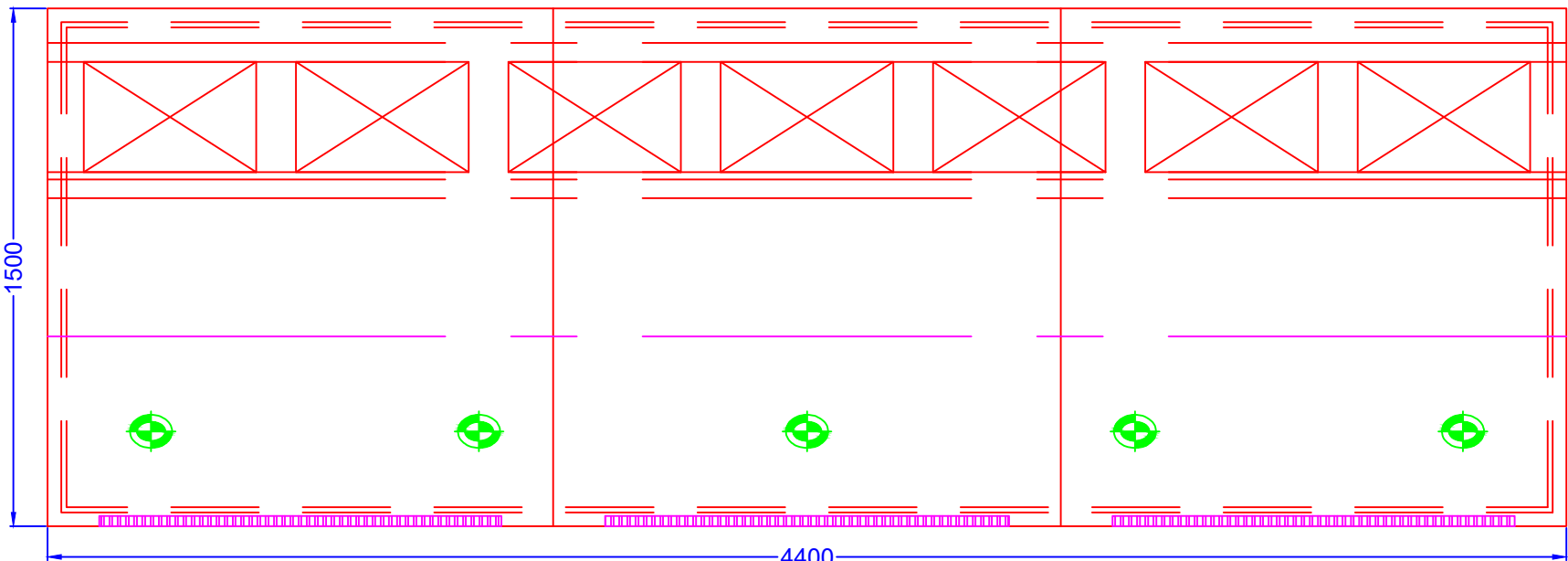
Canopy View on Baffle Filters



Canopy Profile

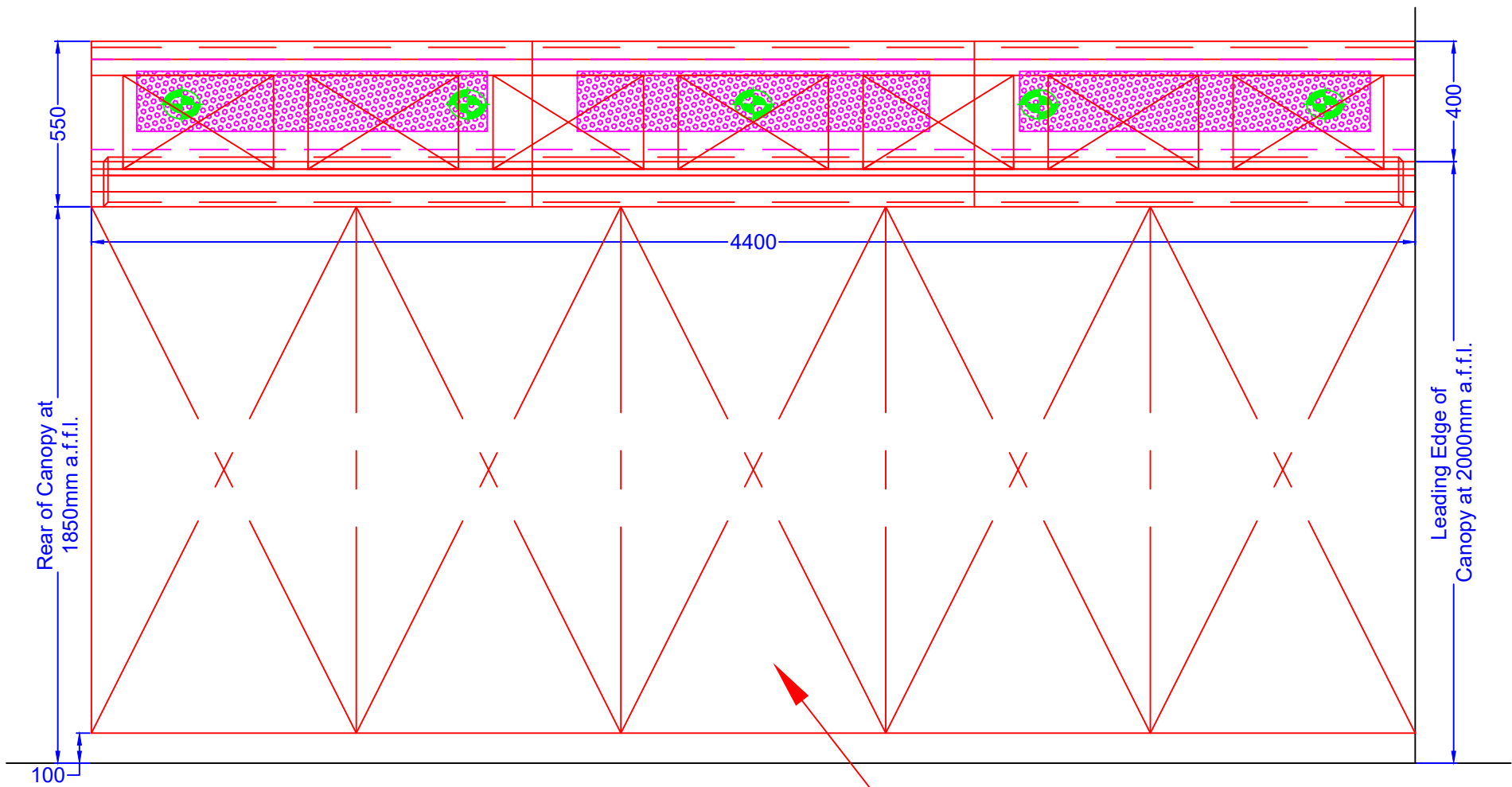


Canopy View on Front Face



Plan View on Canopy Assembly

- NOTES.
- N1. CANOPY TO BE MANUFACTURED IN FINE GRAIN 304St/St.
 - N2. TO BE SUPPLIED C/W 7off 500x500mm BAFFLE STYLE GREASE FILTERS.
 - N3. SPIGOT VELOCITY THROUGH 2off 350x350mm EXTRACT SPIGOTS 6.7ms
 - N4. EXTRACT PRESSURE DROP ACROSS CANOPY 150Pa.
 - N5. SPIGOT VELOCITY THROUGH 2off Ø450mm AIR SUPPLY SPIGOTS 3.9ms
 - N6. AIR SUPPLY PRESSURE DROP ACROSS CANOPY 95Pa.
 - N7. CANOPY TO CONTAIN 5off LED STYLE LIGHTS C/W 1.5mtr FLEX FOR CONNECTION BY OTHERS.
 - N8. APPROXIMATE CANOPY WEIGHT 220Kg's
 - N9. CANOPY TO BE MANUFACTURED IN 3off SECTIONS.
 - N10. INSTALLATION TYPE - SPIGOT ONLY INSTALLATION.
 - N11. TO BE MANUFACTURED FOR T.B.C.
 - N12. AIR SUPPLY FORWARD GRILLS TO CONTAIN FILTER MEDIA.
 - N13. AIR SUPPLY PLENUM TO BE FULLY INSULATED.



CANOPY INSTALL C/W CLADDING

RECOMMENDED REAR WALL
TO BE MARINE GRADE WITH St/St
WALL CLADDING TO REAR AND BOTH
SIDES OF CANOPY

HV/CA	DW/172	SPECIFICATIONS FOR EXTRACTION CANOPY UNIT						
DWG REF	ITEM	SOURCE	PLAN SIZE		AREA	COEFFICIENT	FLOW RATE M ³ /S	SURFACE TEMP °C
			Length (mm)	Width (mm)	M ²			
	Grill - Salamander	Electric	600	440	0.264	0.55	0.145	
	Pizza Oven (Deck) Single Deck	Electric	700	730	0.511	0.15	0.077	
	Benches, Spreaders, Worktops	N/A	600	730	0.438	0.03	0.013	0.03
	Microwave Oven (Light Duty)	Electric	550	450	0.248	0.03	0.007	
	Range/Oven (Open Top)	Gas	900	770	0.693	0.4	0.277	
	Hot Cupboard	Electric	1700	718	1.221	0.15	0.183	
	Deep Fat Fryer	Electric	600	650	0.390	0.45	0.175	
	Convection Oven - Fan Assisted	Electric	710	710	0.504	0.3	0.151	
					Theoretical Extract volume required		1.132	m³/s
					Canopy Type Overhead Wall Single Open End		1.200	
					SPECIFIC EXTRACT FLOW RATE REQUIRED		1.359	m³/s
					SPECIFIC SUPPLY FLOW RATE REQUIRED		1.155	m³/s

AIR FLOW CALCULATION BASED ON EXISTING LOWER GROUND COOKING EQUIPMENT

It should be noted that this calculation may differ from the original scheme due to updates in current legislation/guideline, due to the age of the lower ground system it is recommended on a full system clean prior to odour control installation to ensure secure sealed system.

HVCA	DW/172	SPECIFICATIONS FOR EXTRACTION CANOPY UNIT						
DWG REF	ITEM	SOURCE	PLAN SIZE		AREA	COEFFICIENT	FLOW RATE	SURFACE
			Length (mm)	Width (mm)	M ²			
	Chargrill	Solid Fuel	1200	770	0.924	0.96	0.887	
	Deep Fat Fryer	Electric	400	730	0.292	0.45	0.131	
	Range/Oven (Open Top)	Gas	900	770	0.693	0.4	0.277	
					Theoretical Extract volume required		1.425	m ³ /s
					Overhead Wall Closed Ends		1.150	
					SPECIFIC EXTRACT FLOW RATE REQUIRED		1.639	m ³ /s
					SPECIFIC SUPPLY FLOW RATE REQUIRED		1.393	m ³ /s

AIR FLOW CALCULATION BASED ON PROPOSED NEW EQUIPMENT - GROUND FLOOR

This air flow calculation has been used to define duct extension, sizes and plant selection any changes or deviations will result in the required modification and revision of the scheme.

Project Title			ARMENIAN EXPERIENCE CANOPY ASSEMBLY DRAWING		
Site Address.			Client.		
			Status		
			Initial Issue		
			Scale 1:20 at A2		
Description.					
Drawn by J Hindle		Date 20/11/22		© This drawing is the property of KitchenVentilation.Uk. This drawing may be used for the purposes of information only and may not be copied, reproduced or disclosed to any third party either whole or in part without written consent.	
Checked by.		Date.			
Approved by.		Date.			
Dwg. No. KVUK-1037-KV-02		Rev. A			