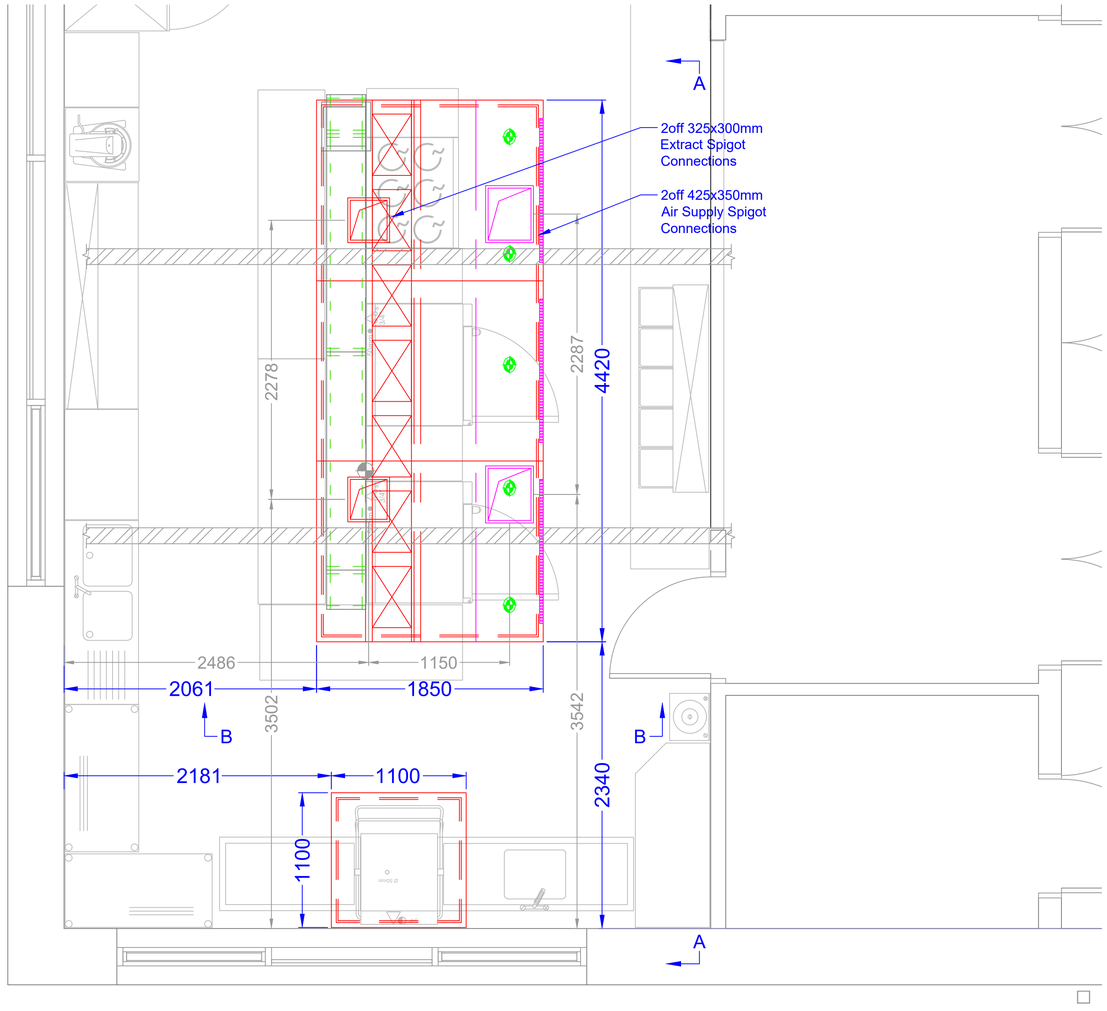
ISSUED AS BUILT

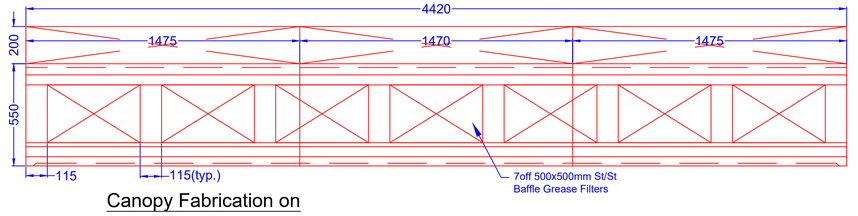
HVCA	DW/172	SPECIFICATIONS FOR EXTRACTION CANOPY UNIT						
DWG REF	ITEM	SOURCE	PLAN SIZE Length (mm)	PLAN SIZE Width (mm)	AREA M^2	COEFFICIENT	FLOW RATE M^3/S	SURFACE TEMP °C
2	Benches, Spreaders, Worktops	N/A	300	1130	0.339	0.03	0.010	0.03
3	10 Grid Combination Oven (On Stand)	Electric	990	860	0.851	0.32	0.272	
4	Benches, Spreaders, Worktops	N/A	450	780	0.351	0.03	0.011	0.03
5	10 Grid Combination Oven (On Stand)	Electric	990	860	0.851	0.32	0.272	#N/A
6	Benches, Spreaders, Worktops	N/A	450	780	0.351	0.03	0.011	0.03
7	Range/Oven (Open Top)	Electric	900	750	0.675	0.3	0.203	
8	Benches, Spreaders, Worktops	N/A	300	750	0.225	0.03	0.007	0.03
				Theoretical Extract volume required			0.864	m^3/s
		Canopy Type		*Overhead Wall, Island Dual Open End*			1.500	
				SPECIFIC ***EXTRACT*** FLOW RATE REQUIRED			**1.296**	m^3/s
				SPECIFIC ***SUPPLY*** FLOW RATE REQUIRED			**1.101**	m^3/s

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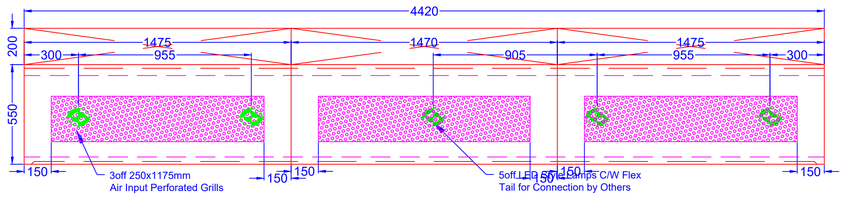


Plan View on Canopy and S.D.U. Installation

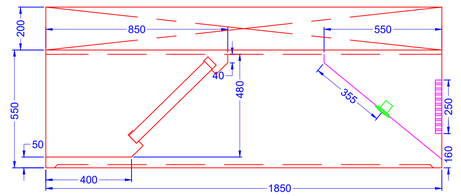
NOTES.
N1. CANOPY TO BE MANUFACTURED IN FINE GRAIN 304St/St.
N2. TO BE SUPPLIED C/W 7off 500x500mm BAFFLE STYLE GREASE FILTERS.
N3. SPIGOT VELOCITY THROUGH EXTRACT SPIGOTS 6.6ms
N4. EXTRACT PRESSURE DROP ACROSS CANOPY 150Pa.
N5. SPIGOT VELOCITY THROUGH AIR SUPPLY SPIGOTS 3.7ms
N6. AIR SUPPLY PRESSURE 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 255Kg's
N9. CANOPY TO BE MANUFACTURED IN 2off 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.
N14. FOR SERVICE WALL ASSEMBLY DRAWING Ref. TO BAC-11511S



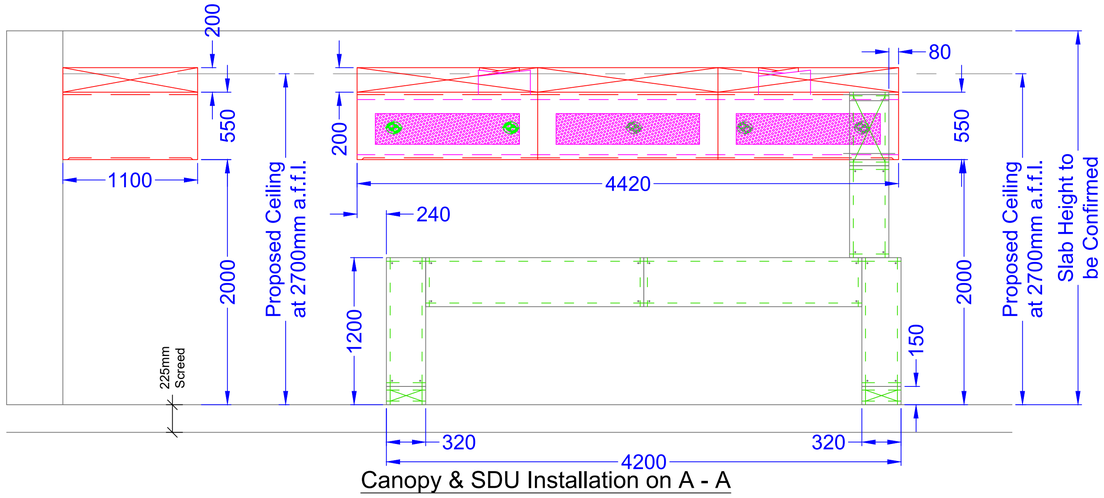
Canopy Fabrication on Baffle Filters



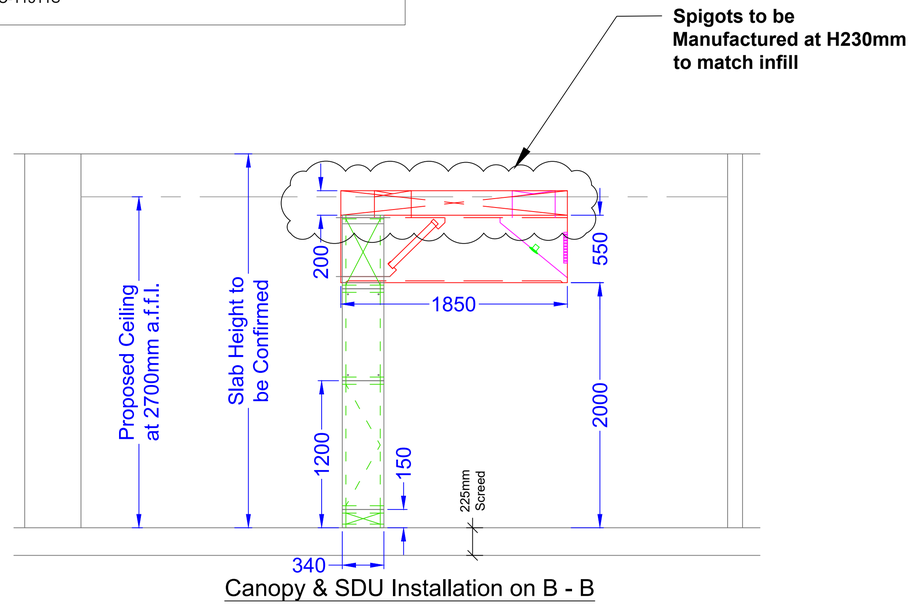
Canopy Fabrication on Air Supply Grills



Canopy Fabrication on Profile



Canopy & SDU Installation on A - A



Canopy & SDU Installation on B - B

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Client
CONLON CONSTRUCTION RE
OLIVE SCHOOL
MANCHESTER

Dwg Title
Proposed Kitchen Ventilation Canopy

Date **22.05.24** | Scale **1/20 @A1**

Dwg No. **BAC-11511C** | REV **D**