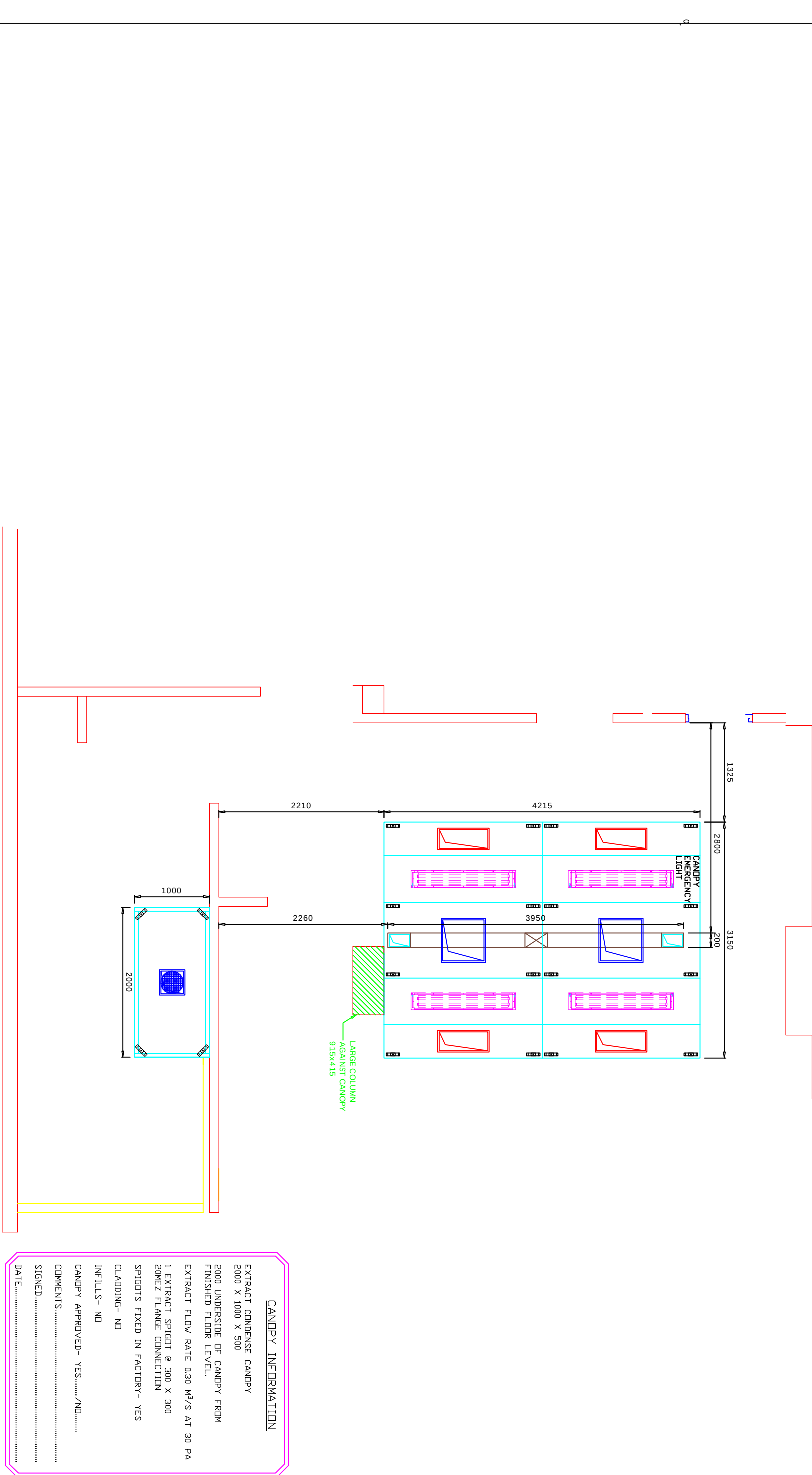


CANOPY LAYOUT
1:50 @ A1



Ref	Drawing
	N/A

Clients Drawing

CANDY INFORMATION

EXTRACT & SUPPLY CANDY

4215X3150X500

2000 UNDERSIDE OF CANOPY FROM
FINISHED FLOOR LEVEL.

EXTRACT FLOW RATE 3.76 M³/S AT 100 PA
SUPPLY FLOW RATE 3.19 M³/S AT 40 PA
SPIGOTS ARE 80MM TALL WITH 20MM MEZ
CONNECTION

2 EXTRACT SPIGOT(S) @ 550X550
4 SUPPLY SPIGOT(S) @ 650X250

SPIGOTS FIXED IN FACTORY- YES

LIGHTING- 4 OFF 4 FOOT LED LIGHTS
(1 EMERGENCY LIGHT)

EACH LED LIGHT REQUIRES 240V SUPPLY
AND WILL BE SUPPLIED WITH A 1.5M TAIL

FINAL CONNECTION OF CANDY LIGHTS TO LIGHTING CIRCUIT TO BE DONE BY ELECTRICAL CONTRACTOR 240V REQUIRED.

CLADDING-N/A

INFILLS-N/A

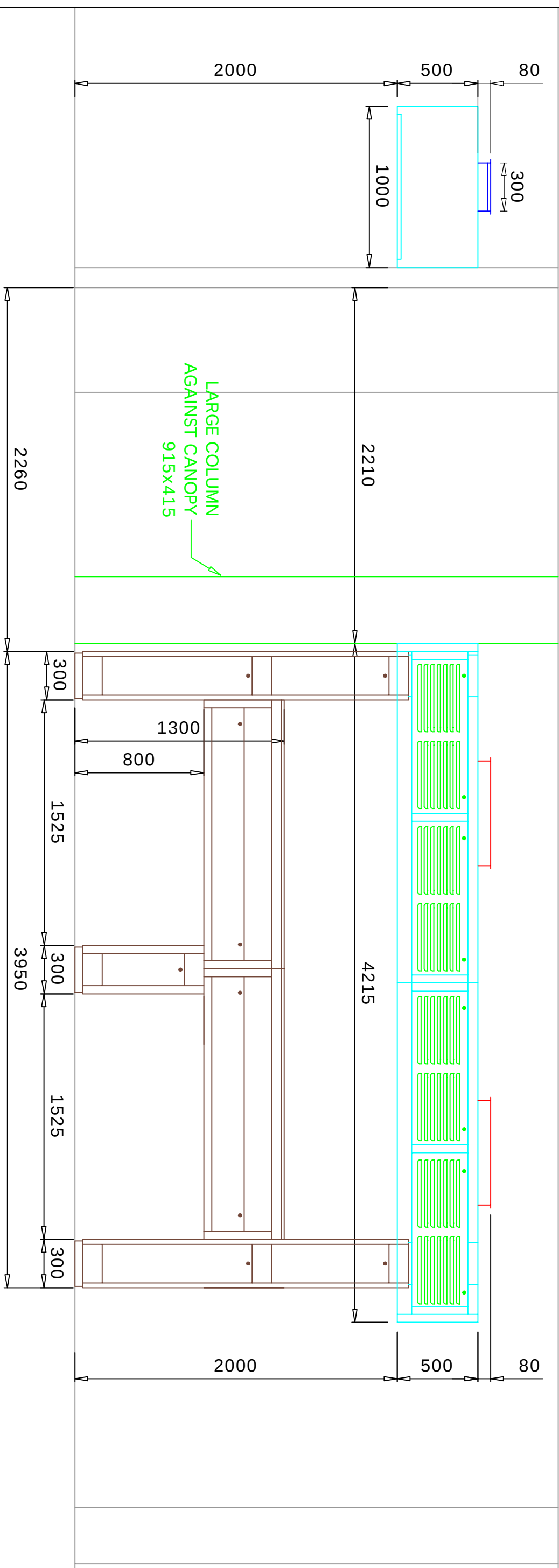
CANOPY APPROVED- YES...../NO.....

COMMENTS.....

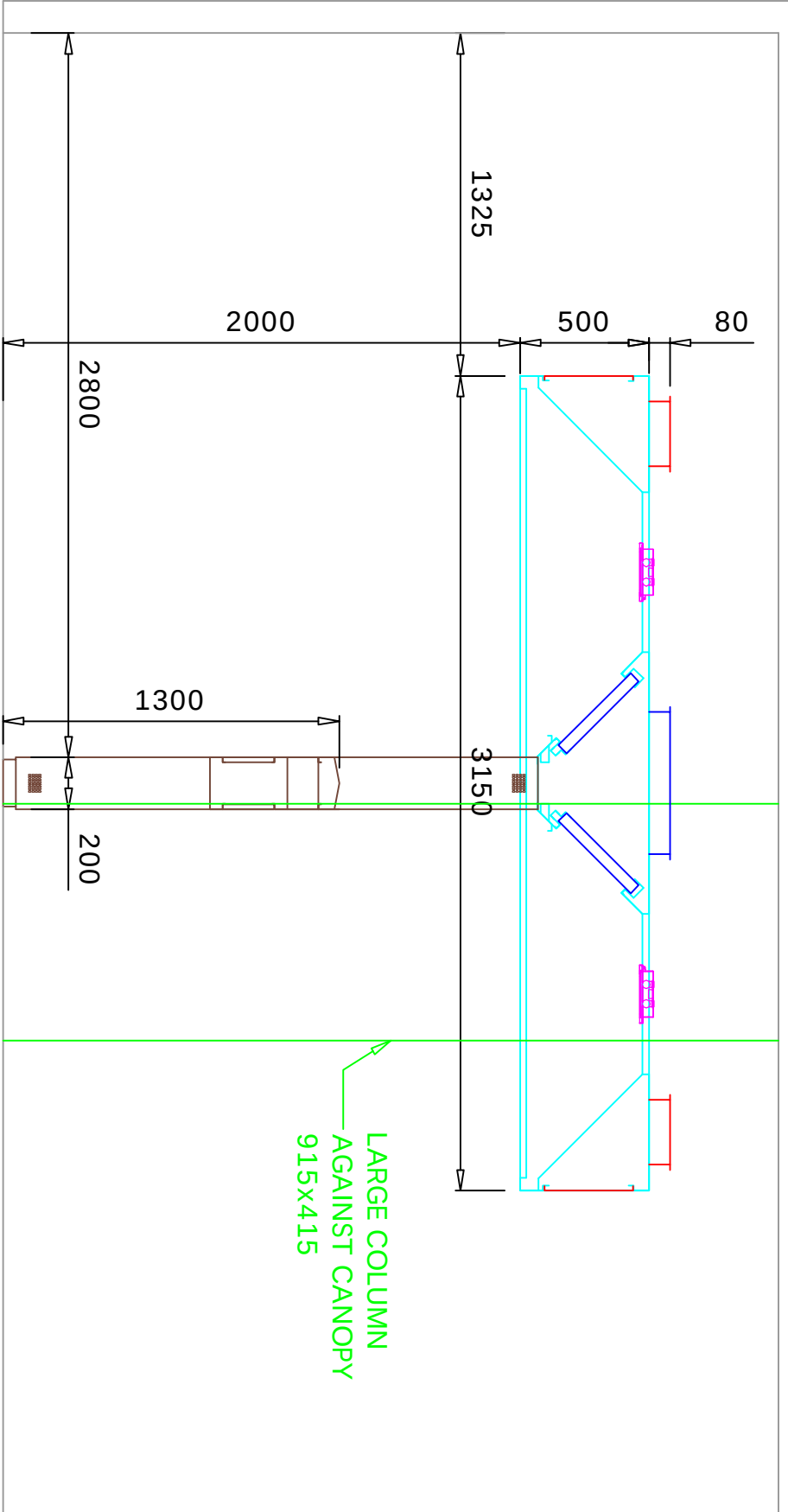
SIGNED.....

DATE.....

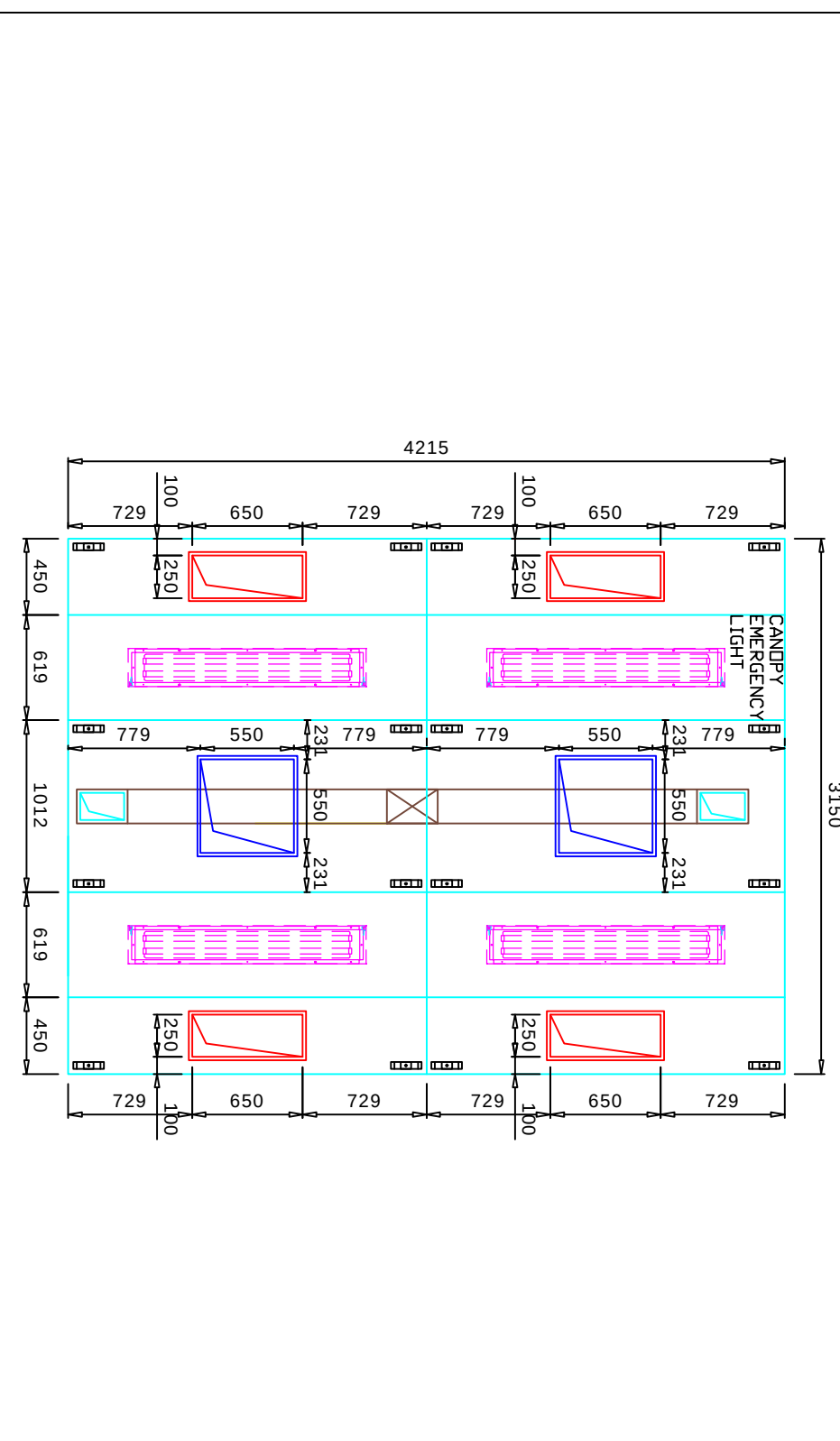
FRONT ELEVATION 1:25 @ A1



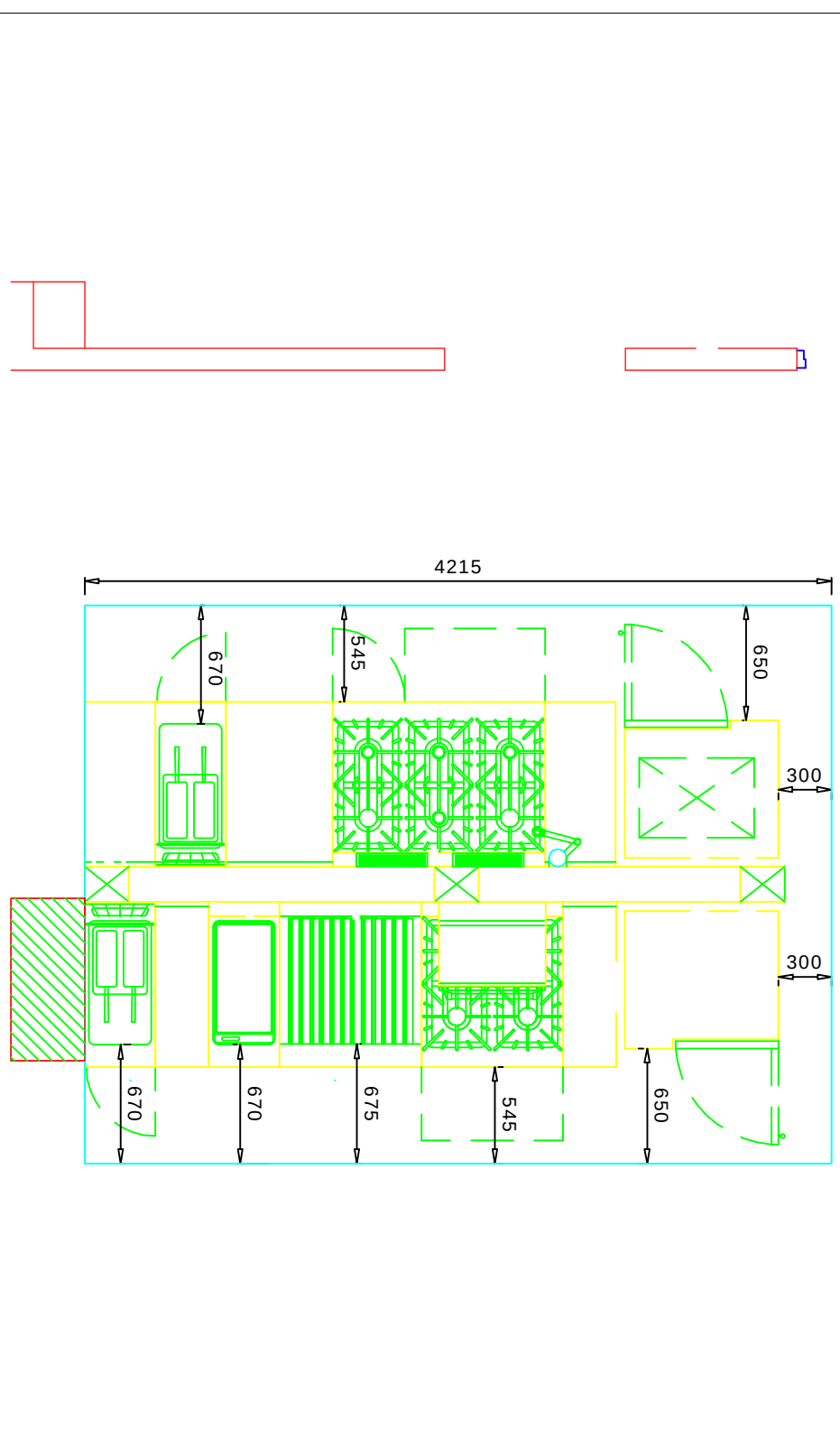
CANDOPY CROSS SECTION 1:25 @ A1



CANOPY/SPIGOT DIMENSIONS



CANOPY OVERHANGS



CANDPY AIRFLOW CALCS

Leightec Thermal Convection Airflow Calculation										
In Accordance With BESA Specification DMI/72-2018										
Project 0929 - MALBORN MANCHESTER - REV A										
Date 04/09/2021										
Drawing		Island - Open Both Ends		Geometry		Safety Factor		44		
Model				Extrude Volume		3.76 M ³ /S				
				Supply Volume		3.19 M ³ /S				
Item	Description	Width	Depth	Power	Coefficient	Gas MW	Sub total			
45	Band / Worktops	397	930	N/A	0.03	0	0.0110763			
46	Deep Rail Fryer	400	930	Electric	0.45	0	0.1574			
48	Band / Worktops	620	930	N/A	0.03	0	0.0167958			
49	Open Top Range & Oven	1200	930	Gas	0.4	0	0.4464			
47	Band / Worktops	397	930	N/A	0.03	0	0.0110763			
50	Combination Oven to grid.	867	775	Electric	0.32	0	0.215016			
53	Combination Oven to grid.	867	775	Electric	0.32	0	0.215016			
54	Band / Worktops	300	930	N/A	0.03	0	0.00837			
55	Open Top Range & Oven	800	930	Gas	0.4	0	0.2976			
56	Salamander Grill	602	470	Gas	0.75	0	0.212205			
57	Char grill / Charbroiler	900	930	Gas	0.95	0	0.7068			
58	Chromie Grill / Panhatch	400	930	Gas	0.45	0	0.1574			
59	Band / Worktops	300	930	N/A	0.03	0	0.00837			
60	Deep Rail Fryer	400	930	Electric	0.45	0	0.1574			

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED

B56173 was introduced in May 2001. It is a standard requirement to have the extract and supply fans interlocked with the gas valve where gas appliances are installed within the kitchen.

DUCTWORK

PROVIDED BY OTHERS
DUCTWORK TO WHERE POSSIBLE ACCORD WITH DW144. 20MM DOBY
TYPE FLANGES ARE USED AT SPIGOT CONNECTIONS UNLESS
OTHERWISE STATED. WHERE DUCTING BREAKS FIRE
COMPARTMENTATION FIRE RATED DUCTWORK MUST BE USED. FIRE
DAMPERS MUST NOT BE USED ON EXTRACT DUCT.

SUPPLY AIR

IF NOT INCLUDED WITHIN THE KITCHEN VENTILATION PACKAGE TO BE PROVIDED BY OTHERS, TO ACHIEVE ADEQUATE COMBUSTION AIR IN ACCORDANCE WITH GAS SAFE, REQUIREMENTS:

IF THE AIR IS NOT TEMPERED DRAUGHTS AND DISCOMFORT MAY BE CAUSED IN COLD WEATHER

CAS APPLIANCES LIKE HEATING BOILERS LOCATED IN THE KITCHEN VICINITY ARE TO BE ISOLATED FROM THE KITCHEN'S NEGATIVE AIR PRESSURE BY OTHERS.

CANOPY

CANOPY CONSTRUCTED FROM 0.9MM 304-GRADE STAINLESS STEEL, COMPLETE WITH Baffle FILTERS AND COOL WHITE LED LIGHTS RATED AT IP 54 TO WITHSTAND UNDERSIDE. UNLESS STATED OTHERWISE, CANOPIES TO BE SEALED WITH FOOD SAFE SILICONE. ALL BUILDER WORK OPENINGS TO BE FORMED PRIOR TO INSTALLATION. SUSPENDED CEILINGS WHERE FITTED TO BE INSTALLED FOLLOWING CANOPY INSTALLATION

- ALL OPENINGS TO BE FORMED BY MAN CONTRACTOR INCLUDING ALL BUILDERS WORKS FOR VENTILATION SYSTEMS MAKING GOOD OF OPENINGS BY OTHERS
- MAIN CONTRACTOR TO ENSURE THE REAR WALL OF THE COOK LINE EQUIPMENT IS CLEAR OF ALL LOOSE PLASTER WORK, TIMBER, TILES AND SERVICES TO EXPOSE STAINLESS STEEL WALL
- WALS TO THE REAR OF COOK LINE TO BE OF A NON-COMBUSTIBLE/FIRE RATED MATERIAL
- PRIOR TO STAINLESS STEEL WALL CLADDING BEING FITTED
- ALL EXISTING COMPOTES AND DUCTING NOT TO BE REUSED ARE TO BE STRIPPED OUT BY OTHERS
- MAIN CONTRACTOR TO PROVIDE & FIT ALL FLASHING & SEALING MATERIALS FOR DUCTING THROUGH ROOF
- POWER SUPPLY TO INTERLOCK PANEL TO BE PROVIDED BY MAIN CONTRACTOR.
- WHERE ANY APPLIANCE IS SHOWN THAT IS NOT UNDERNEATH A CANOPY, ROOM VENTILATION IS TO BE CALCULATED AND INSTALLED TO THESE AREAS

RevM	Revision note	Date	Signature checked
A	PRELIMINARY ISSUE FOR APPROVAL	04/03/2021	W/M
B	AMENDED DRAWING	04/03/2021	W/M
C	ALLOWED FOR EXTRACT SPICOT ON	05/03/2021	W/M
	CONDENSE CAUDRY		

HORIZON
 FOODSERVICE EQUIPMENT LIMITED

Horizon Foodservice Equipment Limited
 Mere View Industrial Estate
 Yaxley Cambridgeshire
 PE7 3HS
 email: info@hfe.co.uk
 Tel: 01733 246392 Fax: 01733 243767
 web: www.hfe.co.uk

Project	MALDRON MANCHESTER
Postcode	M1 5GA

Title		CANOPY LAYOUT	
1:25/50 Scale @ A1	WM Drawn	05/03/2021 Date	0929 Drawing Number
			C Revision