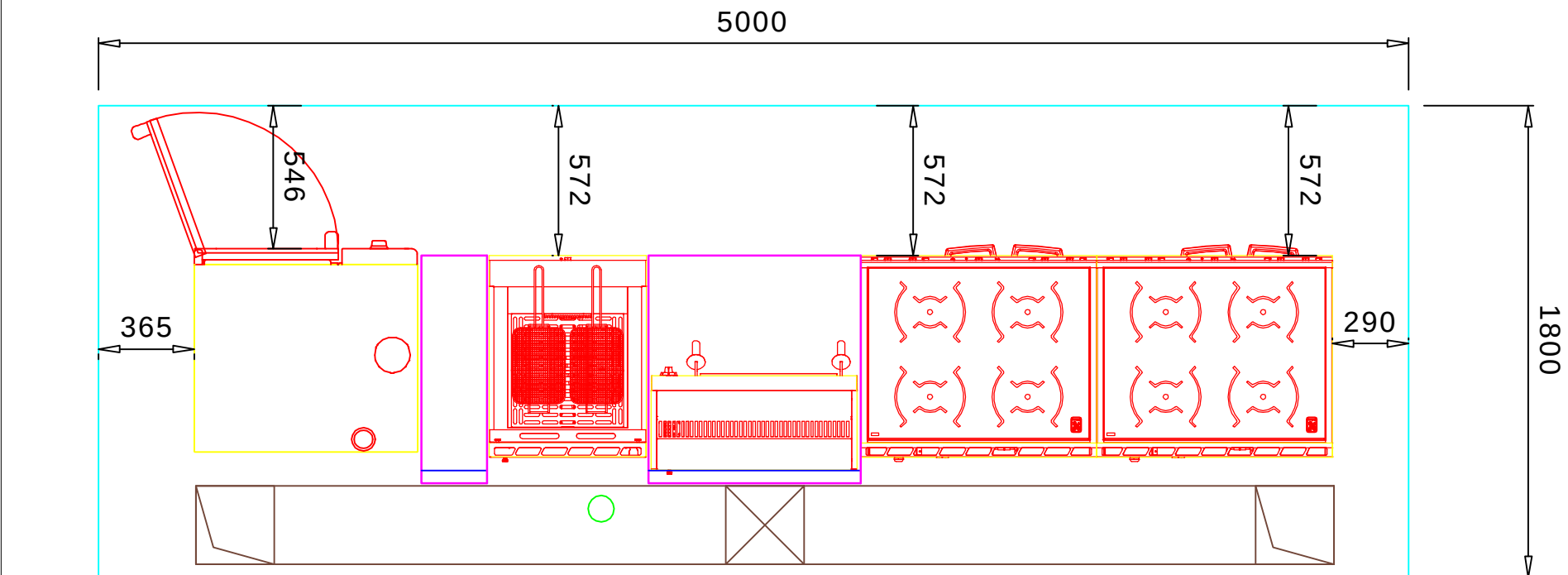


CANOPY
OVERHANGS



CANOPY
INFORMATION

CANOPY INFORMATION

CHEFTEC EXTRACT & SUPPLY CANOPY
5000X1800X450X400

1950 UNDERSIDE OF CANOPY FROM
FINISHED FLOOR LEVEL.

EXTRACT FLOW RATE 167 M³/S AT 100 PA
SUPPLY FLOW RATE 142 M³/S AT 40 PA
SPIGOTS ARE 80MM TALL WITH 20MM WEZ
CONNECTION

2 EXTRACT SPIGOT(S) @ 325X375
2 SUPPLY SPIGOT(S) @ 350X400

SPIGOTS FIXED IN FACTORY- YES

NUMBER OF BAFLE FILTERS - 8

LIGHTING - 4 OFF LED SPOT LIGHTS.

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

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

CLADDING - N/A

INFILLS - N/A

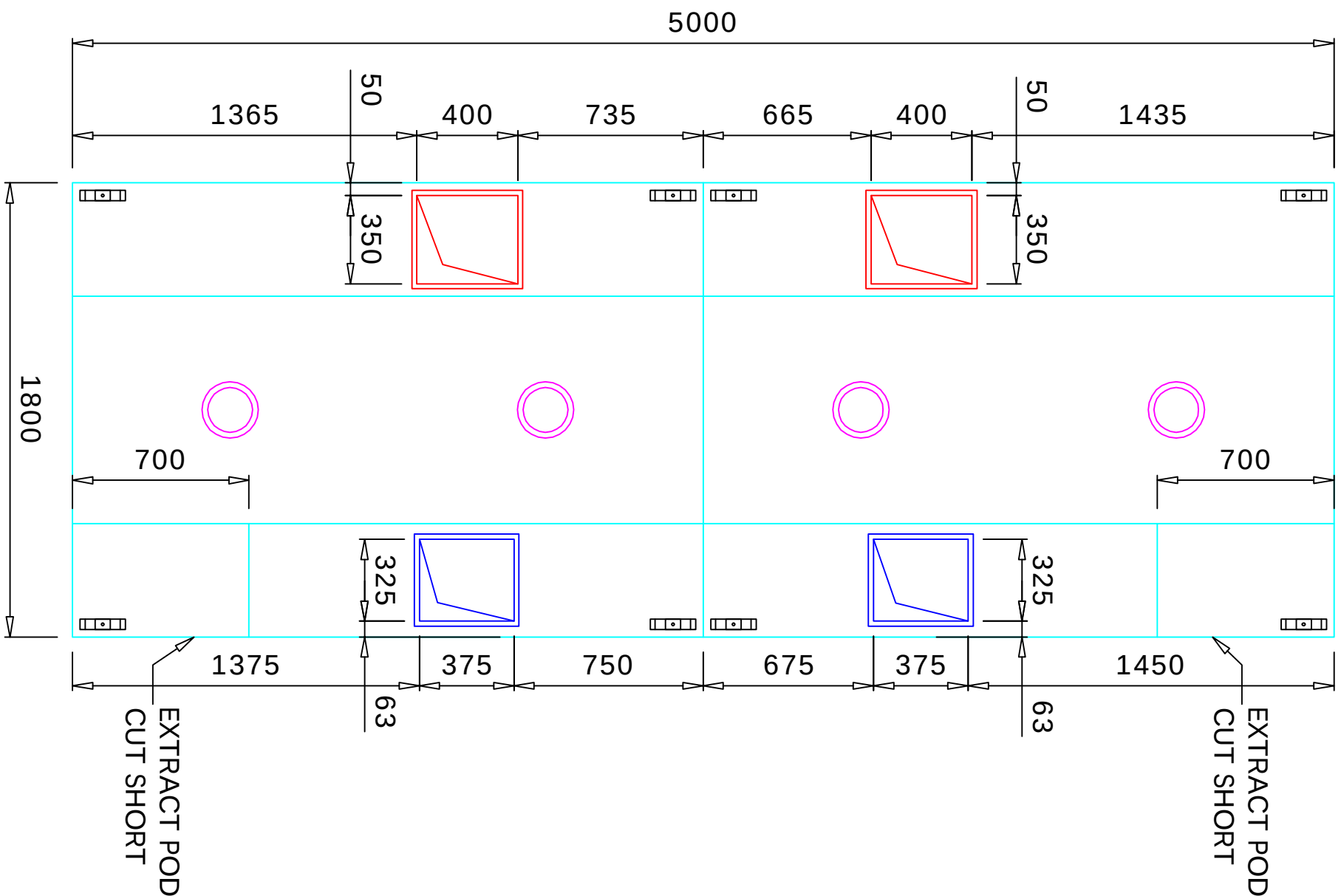
CANOPY APPROVED- YES...../ND.....

COMMENTS.....

SIGNED.....

DATE.....

CANOPY/SPIGOT
DIMS



CANOPY
AIRFLOW CALC

Leightec Thermal Convection Airflow Calculation							
In Accordance With BESA Specification DW/172-2018							
Project	BEDHAMPTON CARE HOME					Date	06/07/2022
Drawing	2300					Canopy Ref	1.28
Model	Wall Island Mounted - Open Both Ends				Safety Factor	5%	
					Extract Volume	1.67 M³/S	
					Supply Volume	1.42 M³/S	
Item	Description	Width	Depth	Power	Coefficient	Gas kW	Sub total
1.22	Combination Ovens 10grid.	852	776	Electric	0.32	0	0.21156864
1.24	Deep Fat Fryer	600	770	Electric	0.45	0	0.2079
1.26	Salamander Grill	785	367	Electric	0.55	0	0.15845225
1.27	Open-Top Range & Oven	900	770	Electric	0.3	0	0.2079
1.27	Open-Top Range & Oven	900	770	Electric	0.3	0	0.2079

2300

Clients Drawing

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ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

BES173 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.

FAN AND FILTER INFORMATION

EXTRACT	SUPPLY
FAN REF: TGBX2/4-500L KW 1.255 FLC 6.5 NOISE LEVEL AT 3M 68 DBA WITH ATTENUATION AT 3M 58DBA	FAN REF: TGBX2/4-500L KW 1.255 FLC 6.5 NOISE LEVEL AT 3M 68DBA WITH ATTENUATION AT 3M 58DBA
CANOPY FILTERS STAINLESS BAFLE FILTERS 398 X 398 X 45	PRE FILTERS HEVAC PLEATED PANEL FILTERS SIZE 2 OFF 595X595X45

CONTROL PANEL INFORMATION

CONTROL PANEL
SUPPLY REQUIRED 20AMP 1PH+NN
ENCLOSURE DIMENSIONS IN MM
600(H) X 600(W) X 200(D)

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

CANOPY

CANOPY CONSTRUCTED FROM 0.6MM 304 GRADE STAINLESS STEEL. COMPLETE WITH BAFLE FILTERS AND COOL WHITE LED LIGHTS RATED 142 M³/S. UNDERSIDE UNLESS STATED OTHERWISE. CANOPIES TO BE SEALED WITH FOOD SAFE SILICONE. ALL BUILDERS WORK OPENINGS TO BE FORMED PRIOR TO INSTALLATION. SUSPENDED CEILING WHERE FITTED TO BE INSTALLED FOLLOWING CANOPY INSTALLATION

- ALL OPENINGS TO BE FORMED BY MAIN 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 ENABLE STAINLESS STEEL WALL CLADDING TO BE INSTALLED
- PRIOR TO THE REAR OF COOK LINES TO BE OF A NON-COMBUSTIBLE/FIRE RATED MATERIAL
- ALL EXISTING CANOPIES 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
- WHERE ANY APPLIANCE IS SHOWN THAT IS NOT UNDERNEATH A CANOPY, ROOM VENTILATION IS TO BE CALCULATED AND INSTALLED TO THESE AREAS

RevNo	Revision note	Date	Signature	Checked
A	PRELIMINARY ISSUE	06/07/2022		
B	DUCT AMENDED TO SUIT ROOF TRUSSES	22/07/2022	WM	
C	SPIGOT SIZES AMENDED	20/09/2022	WM	
D	ROOF DUCT LAYOUT AMENDED	22/09/2022	WM	
E	ROOF DUCT LAYOUT AMENDED DUE TO VISIBILITY	23/09/2022	WM	
F	REMOVED HEATER BATTERY	28/09/2022	WM	
G	ROOF DUCT LAYOUT REVISED	28/09/2022	WM	



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Project	Postcode
BEDHAMPTON CARE HOME	PD9 3LV

CANOPY INFORMATION

Title	1:35 @ A1	WM	28/09/2022	1972	G
Scale	Drawn	Date	Drawing Number	Revision	