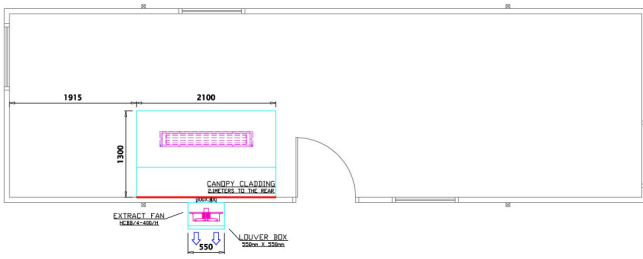


**CANDOPY LAYOUT**  
1:25 @ A1



**CANDOPY INFORMATION**

EXTRACT ONLY CANDOPY  
 2500 X 300 X 500-250  
 2500mm UNDERSIDE OF CANDOPY FROM FINISHED FLOOR LEVEL.  
 EXTRACT FLOW RATE 0.60m<sup>3</sup>/s AT 100 PA  
 SUPPLY FLOW RATE 0.50m<sup>3</sup>/s AT 40 PA  
 NUMBER OF BAFFLE FILTERS- 9  
 LIGHTING- 1 OFF 4 FOOT LED LIGHTS.  
 EACH LED LIGHT REQUIRES 240V SUPPLY AND WILL BE SUPPLIED WITH A 1.5M TAIL.  
 FINAL CONNECTION OF CANDOPY LIGHTS TO LIGHTING CIRCUIT TO BE DONE BY ELECTRICAL CONTRACTOR 240V REQUIRED.  
 CLASSING- 21METERS TO THE REAR  
 INFILLS- 6/14  
 CANDOPY APPROVED- YES...NO...  
 COMMENTS: \_\_\_\_\_  
 SIGNER: \_\_\_\_\_  
 DATE: \_\_\_\_\_

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BS6173 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.

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

**FAN AND FILTER INFORMATION**

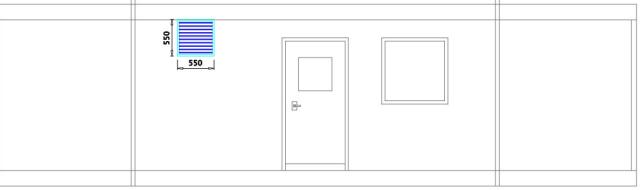
EXTRACT  
 FAN REF: HSB/4-400/H  
 IEC 0.15  
 F.L.C. 1.5  
 MESH LEVEL AT 3M 50 DBA

CANDOPY FILTERS  
 STAINLESS STEEL BAFFLE FILTERS  
 398 X 398 X 45

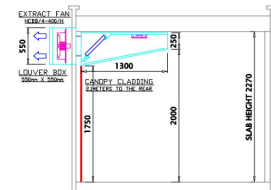
CONTROL PANEL INFORMATION  
 SUPPLY REQUIRED RAMP: 1/100/1  
 STEEL CONSTRUCTED ENCLOSURE WITH GRAY TEXTURED POLYESTER POWDER PAINT, GALVANIZED ENCLOSURE IS PPS6 PAINTED AND FITTED WITH LOCKABLE DOOR.

DUCTWORK  
 DUCTWORK CONSTRUCTED FROM GALVANIZED STEEL IN ACCORDANCE WITH DN144 WHERE POSSIBLE. DOBBY TYPE FRANGES ARE USED AT ALL JOINTS UNLESS OTHERWISE STATED. INSULATE DUCTWORK BEHIND FAN. COMPARTMENTATION FIRE RATED DUCTWORK MUST BE USED ON EXTRACT.

**EXTERNAL ELEVATION**  
1:25 @ A1



**CANDOPY CROSS SECTION**  
1:25 @ A1



**SUPPLY AIR**

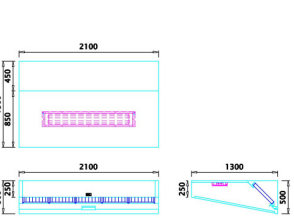
IF NOT INCLUDED WITH THE KITCHEN VENTILATION PACKAGE, TO BE PROVIDED BY OTHERS. TO ACHIEVE ROOMS POSITIVE AIR PRESSURE IN ACCORDANCE WITH GAS SAFE REQUIREMENTS. IF THE AIR IS NOT DUMPED OUTSIDE AND DISCONNECTED MAY BE CALLED IN TO BE MOVED AND APPEARANCE LINE MARKING BEHIND LOCKED IN THE KITCHEN KITCHEN MAY BE TO BE ISOLATED FROM THE KITCHEN NEGATIVE AIR PRESSURE BY OTHERS.

**CANDOPY**

CANDOPY CONSTRUCTED FROM 0.8MM 304 GRADE STAINLESS STEEL COMPLETE WITH BAFFLE FILTERS AND COOL WHITE LED LIGHTS (BASED ON 9 BA TO UNLESS OTHERWISE STATED) OTHERWISE CANDOPY 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 CANDOPY INSTALLATION.

- ALL OPENINGS TO BE FORMED BY MAIN CONTRACTOR INCLUDING ALL BUILDERS WORKS FOR VENTILATION SYSTEMS AROUND ROOMS OF OPENINGS BY OTHERS
- MAIN CONTRACTOR TO INSURE THE SIDE WALL OF THE BODY LINE EQUIPMENT IS CLEAN OF ALL LOOSE PLASTER WORK, TIMBER, TILES AND SERVICES TO ENABLE STAINLESS STEEL WALL CLADDING TO BE FITTED
- WALLS TO BE BUILT TO THE DEPTH OF ROOM WHICH TO BE OF A NON-COMBUSTIBLE/FIRE RATED MATERIAL PRIOR TO STAINLESS STEEL WALL CLADDING BEING FITTED.
- ALL SYSTEMS CANDOPY WAS DESIGNED NOT TO BE SEISED AND TO BE CONTROLLED BY OTHERS OR THE OWN PROVIDE THIS SERVICE
- MAIN CONTRACTOR TO PROVIDE A FIT ALL FLASHING & SEALING MATERIALS FOR DUCTING THROUGH ROOF
- POWER SUPPLY TO INTERLOCK PANEL TO BE PROVIDED BY MAIN CONTRACTOR LTD TO MAKE PANELS OPERATE AND RETAIL INTERLOCK PANELS
- WHERE ANY OVERHANG IS SHOWN THIS IS THE INFORMATION A CANDOPY ROOM VENTILATION IS TO BE CALCULATED AND INSTALLED TO THESE NEEDS

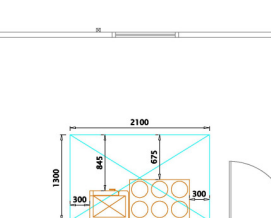
**CANDOPY/SPIGOT DIMENSIONS**  
1:25 @ A1



**CANDOPY AIRFLOW CALCS**

LTS Thermal Convection Airflow Calculation Results																									
Project	Barton Hill - Temporary Building			Date	28-11-17																				
Drawing Reference	Area	Flow	Vel	Model	Wall Candopy																				
Area	2100	0.50	0.238	0.100	0.100																				
Flow	0.50	0.50	0.238	0.100	0.100																				
Vel	0.238	0.238	0.238	0.100	0.100																				
Model	0.100	0.100	0.100	0.100	0.100																				
Wall Candopy	0.100	0.100	0.100	0.100	0.100																				
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**CANDOPY OVERHANGS**  
1:25 @ A1



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Revised/Revision note	Date	Signature/Checked
A PRELIMINARY ISSUE FOR APPROVAL	01/09/2017	PS

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CHEF TOM COE  
 Barton Hill Temporary Building YD60 7JZ

Client: \_\_\_\_\_ Project: \_\_\_\_\_

PROPOSED LAYOUT DRAWING

Title: 1:25 @ A1 PS 91/12/2017 8982 A  
 Scale: Drawn: \_\_\_\_\_ Date: \_\_\_\_\_ Drawing Number: \_\_\_\_\_ Revisions: \_\_\_\_\_