



Odour Control: None

Leightec Thermal Convection Airflow Calculation			
In Accordance With BESA Specification DW/172-2018			
Project	Manchester College - GF (Main Island 2)	Date	26/01/2022
Drawing	CC-VCK-XX-00-DR-Y-1001 - P08	Canopy Ref	Main Island 2
Model	Island - Open Both Ends	Safety Factor	5%
		Extract Volume	1.30 m ³ /s

es updated to
best layout

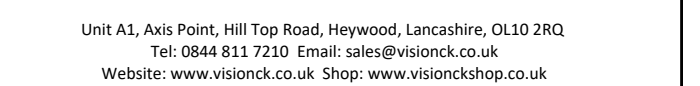
INFILLS-YES ALL SIDES
16.95 LINEAR METERS (150MM TALL)
CANDOPY APPROVED- YES...../NO.....
COMMENTS.....
SIGNED.....
DATE.....

Item	Description	Width	Depth	Power	Coefficient	Gas kW	Sub total
4.8	Chrome Griddle / Plancha	400	600	Electric	0.4	0	0.096
4.9	Induction Hob / Ceramic Stove	305	545	Electric	0.2	0	0.033245
4.7	Salamander Grill	600	500	Electric	0.55	0	0.165

<u>CANDY INFORMATION</u>	
CONDENSE CANDY 1000 X 1000 X 500	
2100 UNDERSIDE OF CANDY FROM FINISHED FLOOR LEVEL.	
CLADDING- NO	
INFILLS- YES OPEN TO 3 SIDES 3 LINEAR METERS (150MM TALL)	
CANDY APPROVED- YES...../NO.....	
COMMENTS.....	
SIGNED.....	
DATE.....	

Item	Description	Width	Depth	Power	Coefficient	Gas kW	Sub total
5.	6'x10inch Hob / Ceramic Stove	695	535	Electric	0.2	0	0.78465
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5.	6'x10inch Hob / Ceramic Stove	695	535	Electric	0.2	0	0.78465
5.1	5.1x34" Pasty / Baking Ovens: Single Deck	595	630	Electric	0.1	0	0.03485
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5.3.1	Bench / Worktops	3300	1400	N/A	0.03	0	0.1386
5.3.2	Bench / Worktops	3300	1400	N/A	0.03	0	0.1386
5.3.3	Bench / Worktops	3300	1400	N/A	0.03	0	0.1386
5.3	Bench / Worktops	6600	750	N/A	0.03	0	0.15025

P05	01/02/21	Canopy drawings - As Noted	LGR	
P04	21/12/20	Canopy drawings - As Noted	LGR	
P03	10/12/20	Canopy drawings - As Noted	LGR	
P02	01/12/20	Canopy drawings - revised to suit latest equipment layout	LGR	
P01	24/09/20	Canopy drawings first issue	LGR	MPS
rev	date	revision description	by	ch'd



PRIOR TO THE APPOINTMENT OF THE OFFICIAL CDM
CO-ORDINATOR AND PRINCIPAL CONTRACTOR, THIS DRAWING IS ISSUED STRICTLY AS DESIGN INTENT ONLY

project name

Manchester College

sheet name

GF Ground Floor - FET Training
Kitchens - Ventilation Canopy

Kitchens Ventilation canopy
Details

architects / clients drawing reference

originator: LeighTec
title: Catriona Layout
dwg number: 0413(00)
date: 26/01/2011
Rev: 01

VCK project no.	designed by	scale	paper size
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220110 LGR 1:50 A1

Drawing number



CC-VCK-XX-00-DR-Y-4001

status	suitability description
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S2 **SUITABLE FOR INFORMATION**

P05 **PRELIMINARY**



Odour Control: None

Leightec Thermal Convection Airflow Calculation						
In Accordance With BESA Specification DW/172-2018						
Project	Manchester College - GF (Island)				Date	26/01/2021
Building	CC-VCK-XX-00-DR-Y-1001 - P08			Canopy Ref	9.4	
Model	Wall Island Mounted - Open Both Ends			Safety Factor	5%	
				Extract Volume	0.05 M ³ /S	
				Supply Volume	0.05 M ³ /S	

Location: Student Bakery k

Canopy Type: Ventilated C

Filter Type: Bespoke Ceilings

Filter Location: Refer to gre
Ventilation System (Ductwork

Odour Control: None

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