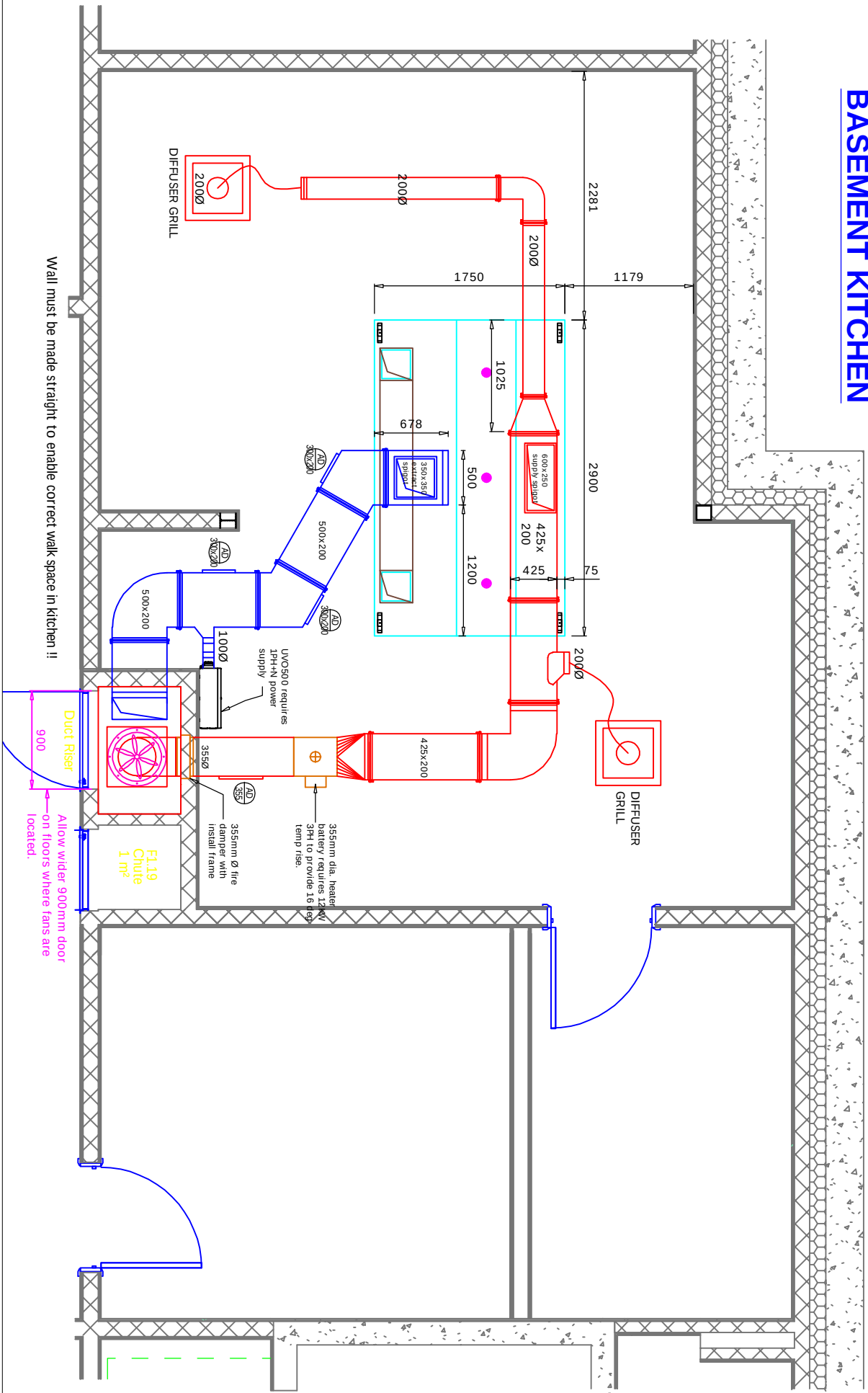


CANOPY LAYOUT
1:50 @ A1

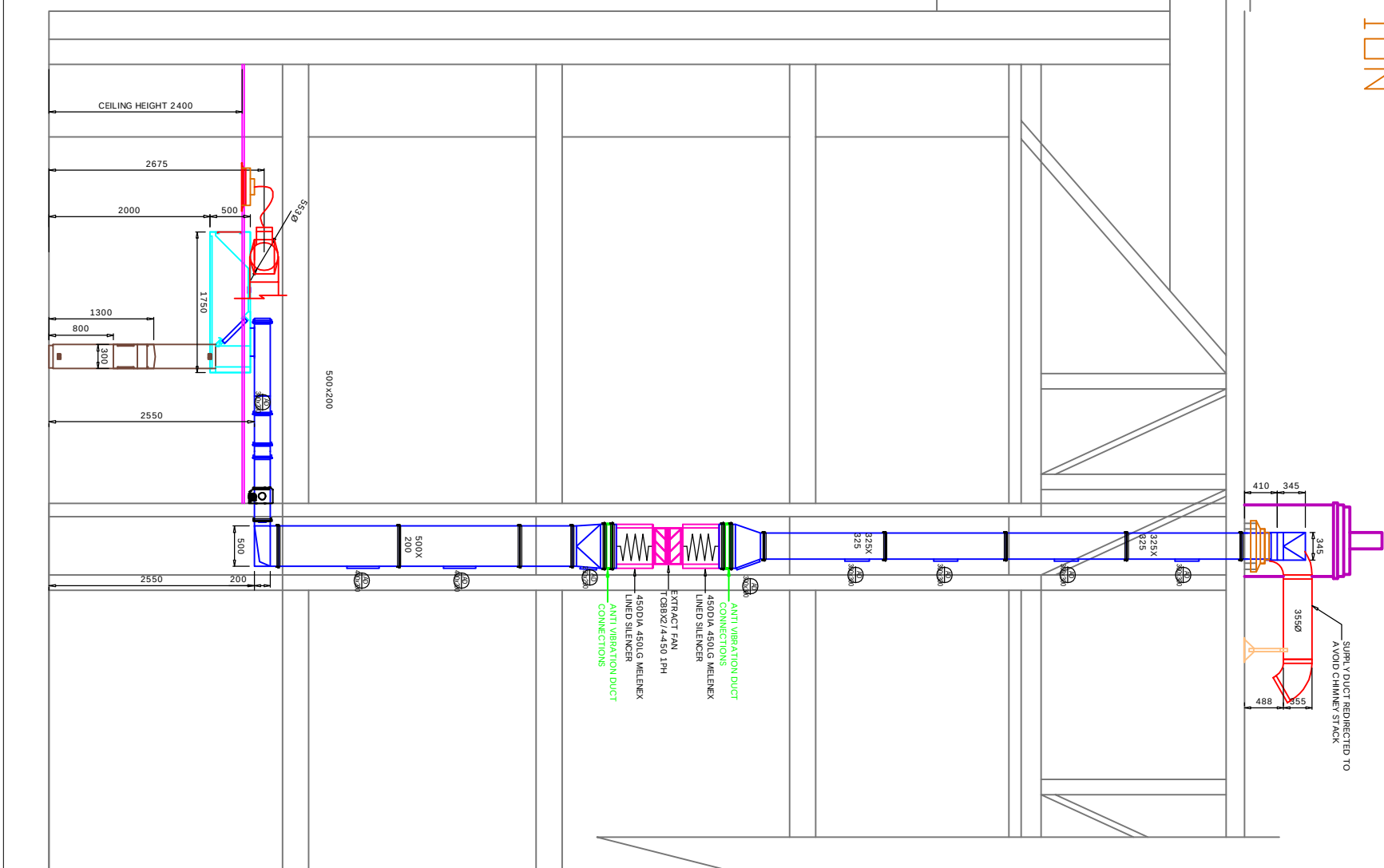
BASEMENT KITCHEN



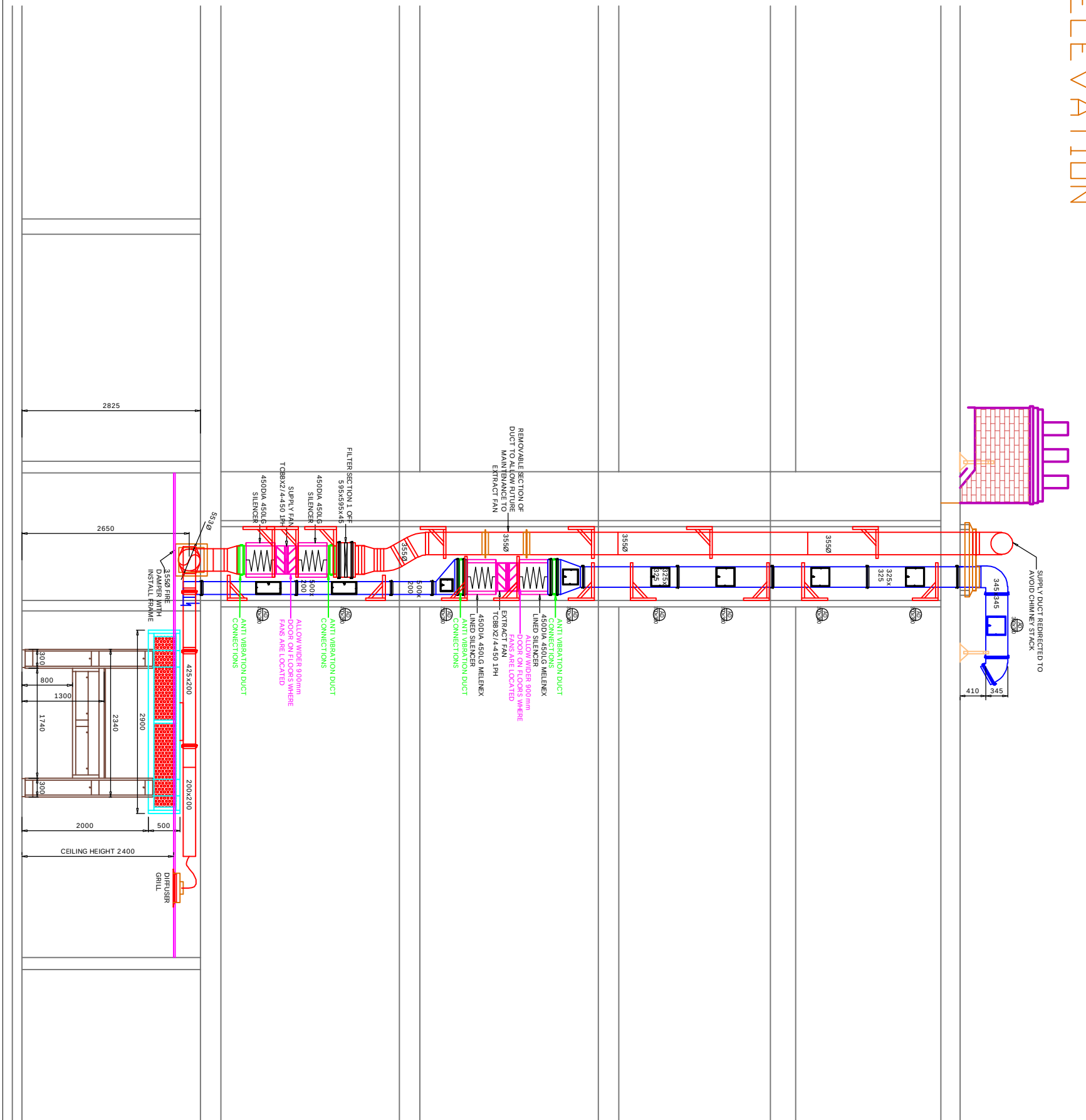
CANOPY INFORMATION

EXTRACT & SUPPLY CANOPY
2900 x 1750 x 500mm
2000mm UNDERSIDE OF CANOPY FROM
FINISHED FLOOR LEVEL
EXTRACT FLOW RATE 0.70 m³/s AT 100 PA
SPRIGTS ARE 500mm TALL WITH 200mm W/2
CONNECTIONS.
1 x EXTRACT SPRIGIT #750-250mm
1 x SUPPLY SPRIGIT #600x250mm
SPRIGITS FIXED IN FACTORY - YES
NUMBER OF BAFFLE FILTERS - TWO
LIGHTING - 3 OFF LED SPOT LIGHTS
EACH LED LIGHT REQUIRES 240V SUPPLY
AND WILL BE SUPPLIED WITH A 15m TAIL
FINAL CONNECTION OF CANOPY LIGHTS TO
ELECTRICAL CONTRACTOR 240V REQUIRED.
CLADDING - N/A
INFILLS - N/A
CANOPY APPROVED - YES / NO
COMMENTS.....
SIGNED.....
DATE.....

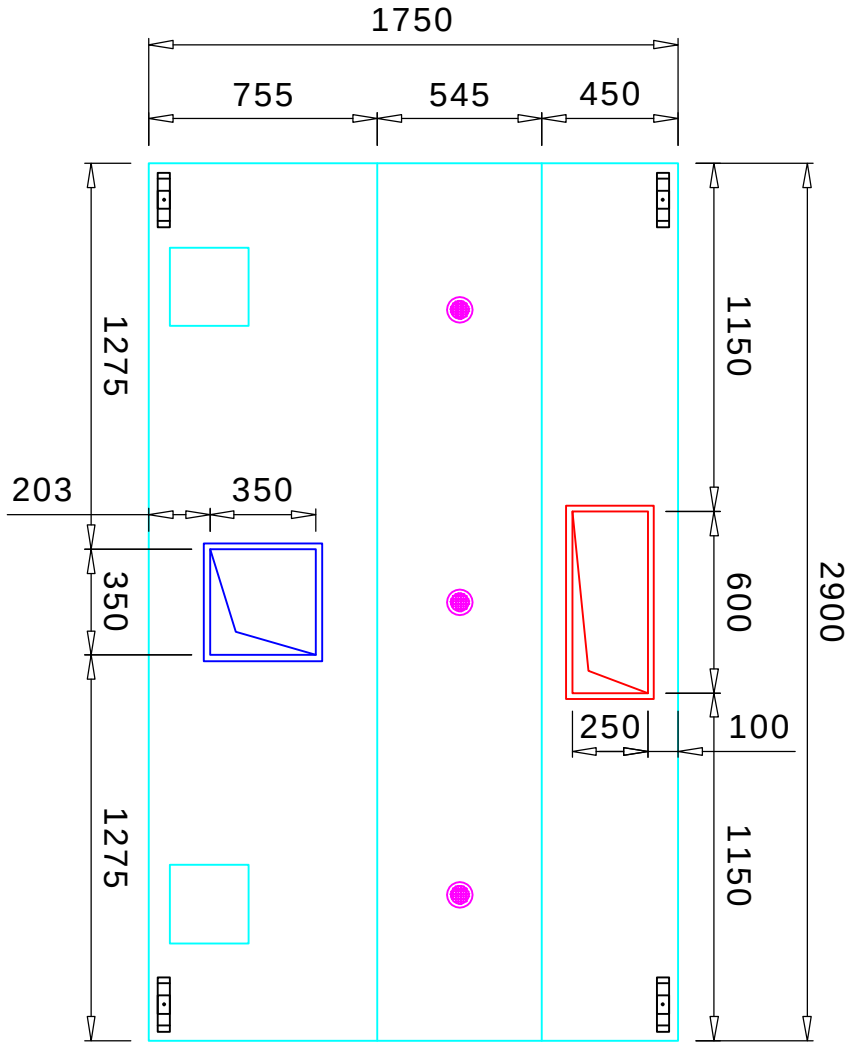
CANOPY CROSS SECTION
1:75@A1



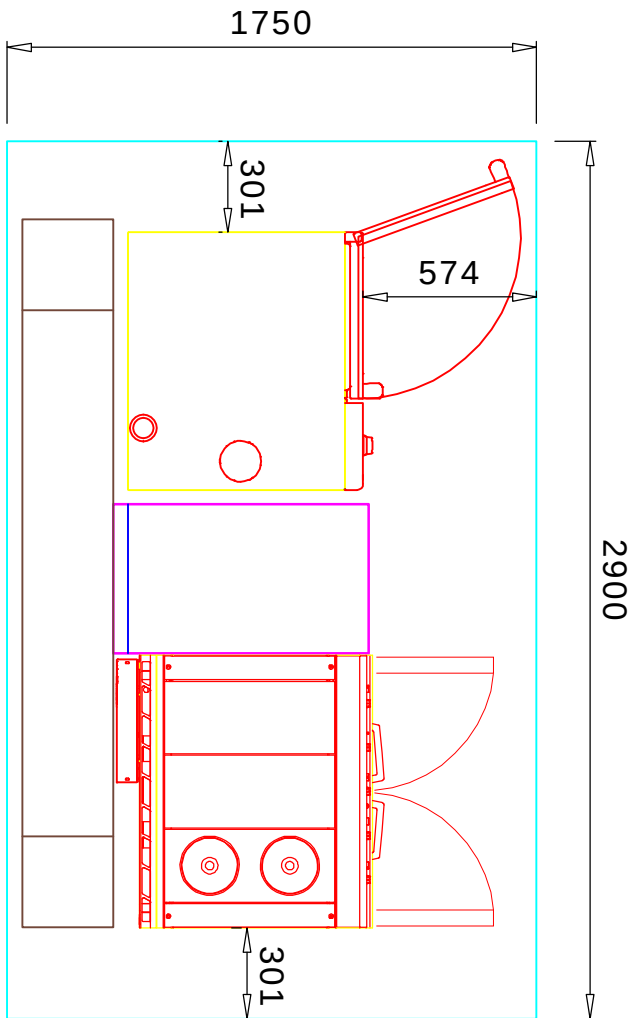
FRONT ELEVATION
1:75@A1



CANOPY/SPIGOT DIMENSIONS Scale 1:25



CANOPY OVERHANGS Scale 1:25



CANOPY AIRFLOW CALCS

Leightec Thermal Convection Airflow Calculation			
In Accordance With BESA Specification DW/172-2018			
Project	Northern Moor		Date
Drawing	2348 Rev E	Canopy Ref	Main Canopy
Model	Wall Island Mounted - Open Both Ends	Safety Factor	5%
		Extract Volume	0.70 m³/s
		Supply Volume	0.60 m³/s
Item	Description	Width	Depth
0	Combination Ovens 10 grid.	852	776
0	Open-top Range & Oven	900	770
		Power	Coefficient
		Electric	0.32
		Gas kW	0
		Subtotal	0.2158664
		Electric	0.3
		Gas kW	0
		Subtotal	0.2079

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AMENDED NOR REPRODUCED FOR THE EXECUTION OF ANY WORKS WHETHER IN CONNECTION WITH THE
DRAWING OR OTHERWISE WITHOUT THE EXPRESS WRITTEN
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ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

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.

FAN AND FILTER INFORMATION

EXTRACT	SUPPLY
FAN REF: T08Bx2/4-450 1PH KW 1.316 FLC 3.7 NOISE LEVEL AT 3M 67 DBA	FAN REF: T08Bx2/4-450 1PH KW 1.316 FLC 3.7 NOISE LEVEL AT 3M 67 DBA
CANOPY FILTERS STAINLESS BAFFLE FILTERS 398 x 398 x 45	PRE FILTERS HVAC PLATED PANEL FILTERS SIZE 1 OFF 595X595X45

CONTROL PANEL INFORMATION

2 OFF 6AMP SPEED CONTROLLERS
REQUIRE 2 OFF 13AMP 1PH+N SUPPLY
1 OFF UV0 UNIT REQUIRES 1 OFF
13AMP 1PH+N SUPPLY
12KW 3PH SUPPLY REQUIRED FOR
HEATER BATTERY

DUCTWORK
DUCTWORK CONSTRUCTED FROM
GALVANIZED STEEL IN ACCORDANCE
WITH DW144 WHERE POSSIBLE. DOBY
TYPE FLANGES ARE USED AT ALL
JOINTS UNLESS OTHERWISE STATED.
WHERE DUCTING BREAKS FIRE RATED
COMPARTMENTATION FIRE RATED
DUCTWORK MUST BE USED. FIRE
DAMPERS MUST NOT BE USED ON
EXTRACT.

SUPPLY AIR

IF NOT INCLUDED WITHIN THE KITCHEN VENTILATION PACKAGE IT BE PROVIDED BY OTHERS. TO
ACHIEVE A GOOD VENTILATION RATE AND COMFORTABLE WORKING CONDITIONS IN COLD WEATHER
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 0.9MM 304 GRADE STAINLESS STEEL. COMPLETE WITH
BAFFLE FILTERS AND COOL WHITE LED LIGHTS RATED AT IP 54 TO UNDERSIDE UNLESS
STATED OTHERWISE. CANOPES 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. LINE EQUIPMENT IS CLEAR OF
ALL LOOSE PLASTER WORK, TIMBER, TILES AND SERVICES TO ENABLE STAINLESS STEEL WALL
CLADDING TO BE FITTED
- WALLS TO THE REAR OF COOK LINES TO BE OF A NON-COMBUSTIBLE/FIRE RATED MATERIAL
PRIOR TO STAINLESS STEEL WALL CLADDING BEING FITTED.
- ALL EXISTING CANOPES AND DUCTING NOT TO BE REUSED ARE TO BE STRIPPED OUT BY
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	06/01/2024	CDJ
B	LAUNDRY DUCTING ADDED TO LAYOUT	02/05/2024	CDJ
C	DRAWING REVISED TO COMMENTS	11/09/2024	CDJ
D	19/08/24 CEILING DIFFUSERS ADDED TO KITCHEN AREA	11/09/2024	CDJ
E	CEILING DIFFUSERS RELOCATED IN KITCHEN AREA. DUCT SIZES AMENDED.	28/01/2025	RJB
F	EXTRACT DUCTWORK RE-ROUTED TO AVOID NIB WALL 7 STEEL COLUMN. TERMINATIONS ON ROOF REVISED TO AVOID CHIMNEYS.	12/02/2025	RJB
G		05/03/2025	CDJ



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NORTHERN MOOR
CARE HOME

M23 OEA

Client

Postcode

CANOPY LAYOUT

Title	1:50 1:75	CDJ	22/04/2024	2922-001	G
Scale	1:25@A1	Brown	Date	Drawing Number	Revision