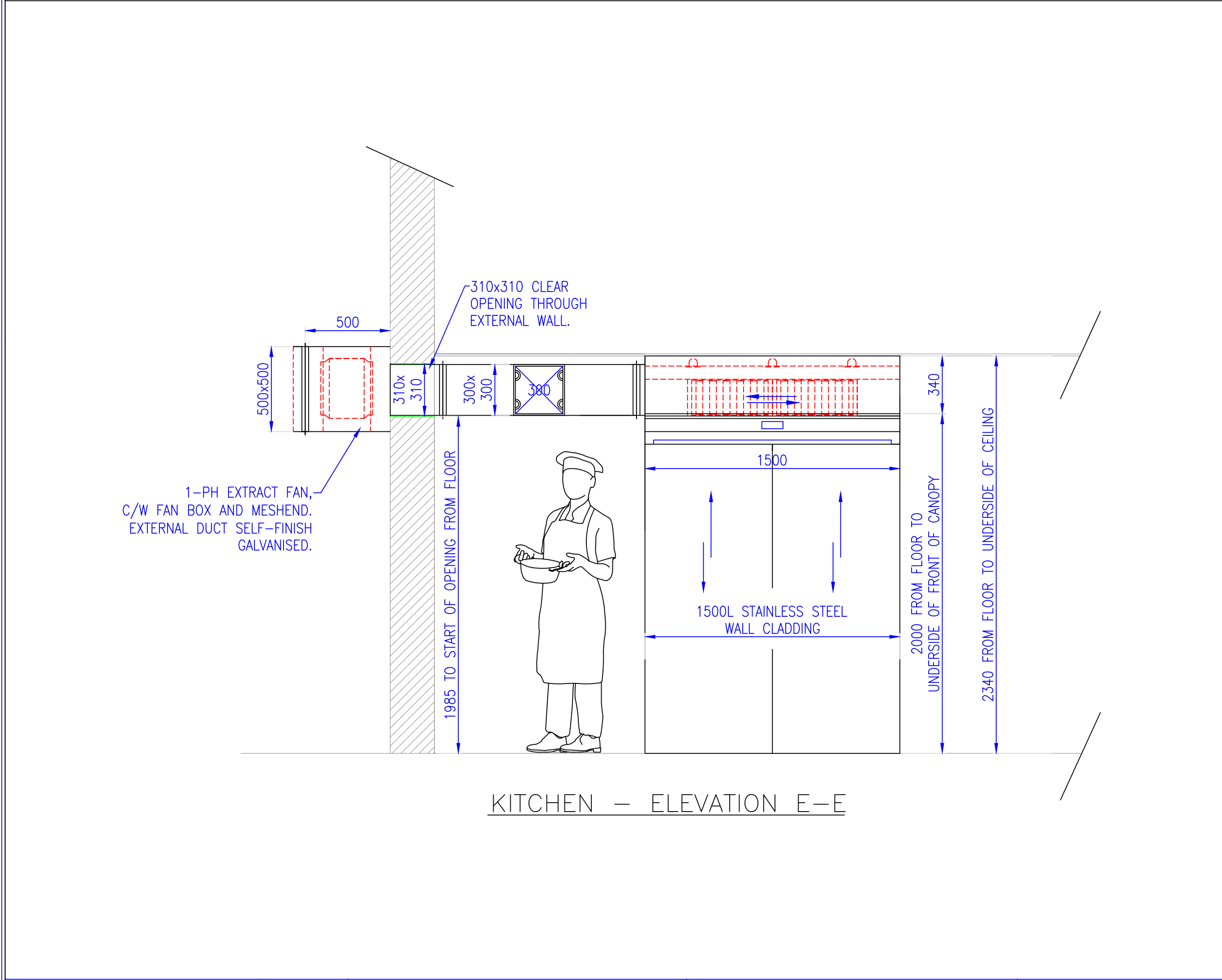
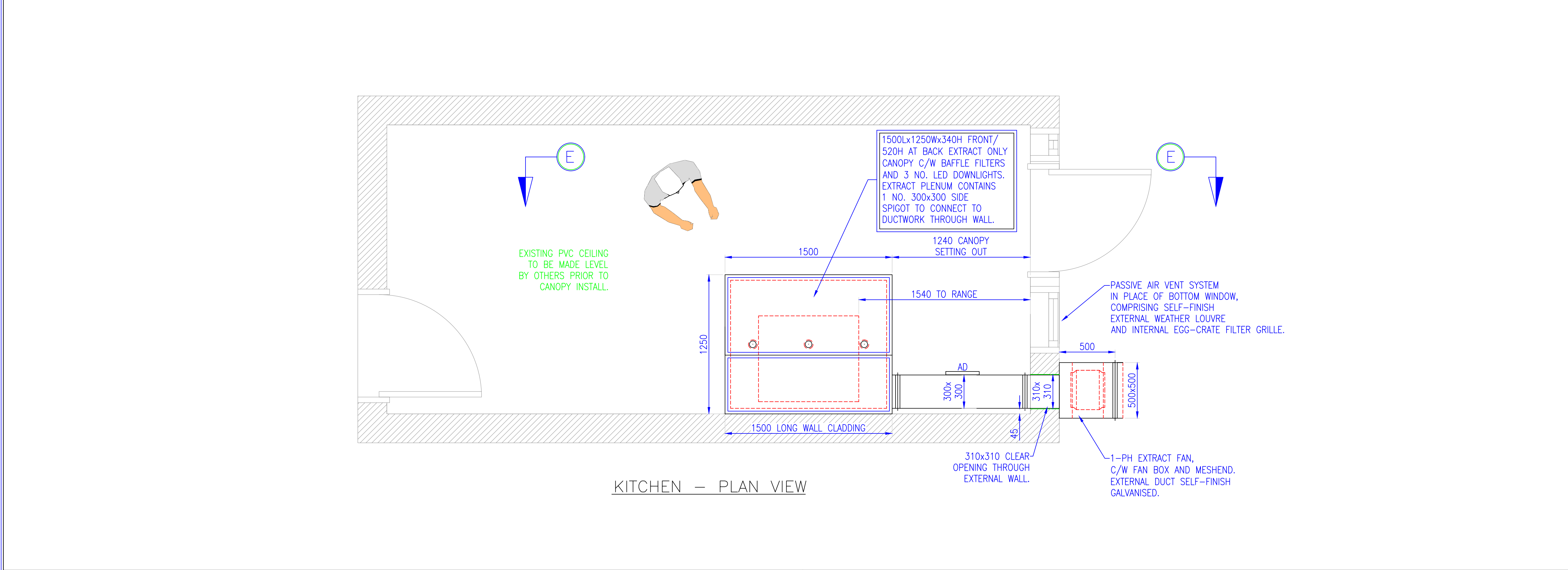




IMPORTANT SITE & INSTALLATION NOTES

SUPPLY AIR TO BE PASSIVE AND UN-HEATED.

ANY EXISTING SERVICES SUCH AS PIPEWORK, LIGHTS/SURFACE MOUNTED ELECTRICAL WORKS ETC. WHICH WILL IMPEDE THE NEW CANOPY/DUCT INSTALLATION ARE TO BE RELOCATED BY OTHERS PRIOR TO OUR ATTENDANCE PLEASE. EXISTING PVC CEILING TO BE MADE LEVEL BY OTHERS PRIOR TO OUR INSTALL. NEW 310MMx310MM WALL OPENING THROUGH EXTERNAL WALL TO BE FORMED BY OTHERS PRIOR TO OUR INSTALL.

ALL ELECTRICAL WIRING OF EXTRACT FAN AND SPEED CONTROLLER, CANOPY LIGHTS BY OTHERS TO OUR WIRING DIAGRAM. ANY ELECTRICAL QUERIES PLEASE ASK!

STAINLESS STEEL WALL CLADDING PROVIDED BY KVP TO REAR WALL UNDERNEATH THE CANOPY ONLY. WALL AREAS ARE TO BE CLEAN AND FREE OF ALL SURFACE MOUNTED SERVICES, PIPES, CONDUITS ETC. ANY SERVICES WHICH PENETRATE THE WALLS NEED TO BE INSTALLED IN READINESS FOR OUR VISIT.

AIR MOVEMENT DATA

EXTRACT VOLUME 0.35 m³/s

SUPPLY VOLUME 0.29 m³/s

IMPORTANT ELECTRICAL NOTES

TO ENSURE THE MANUFACTURER'S WARRANTY IS UPHOLD, THE FOLLOWING MUST BE STRICTLY ADHERED TO:

- > ALL ELECTRICAL WORKS MUST BE UNDERTAKEN BY SUITABLY QUALIFIED AND EXPERIENCED PERSONS IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND GOOD PRACTICE.
- > IT IS THE INDIVIDUAL RESPONSIBILITY OF THE ELECTRICIAN TO PROVIDE SUITABLE FAN AND CONTROLLER OVERLOAD PROTECTION TO MAINTAIN WARRANTY OF PLANT eg. A DOL STARTER WITH AN OVERLOAD SET TO THE FULL LOAD CURRENT OF THE FAN.
- > MCB'S AT THE DISTRIBUTION BOARD MUST BE 'C' OR 'D' MOTOR RATED (DISTRIBUTION BOARD MCB'S ARE INTENDED TO PROTECT THE CABLE TO THE APPLIANCE, NOT THE APPLIANCE ITSELF).
- > LOCAL ISOLATION ADJACENT TO THE CONTROLLER AND FAN MUST BE PROVIDED UNLESS THE MCB IS LOCATED WITHIN 1m OF THE PLANT ITEM. FAILURE TO PROVIDE THIS WILL PREVENT THE PLANT FROM BEING ABLE TO BE SERVICED SAFELY.
- > IF THE FAN IS PROVIDED WITH EXTERNAL THERMAL CONTACTS (SOMETIMES LABELLED 'TP' OR 'TK') AT THE SPEED REGULATOR, THESE MUST NOT BE BY-PASSED UNLESS SPECIFICALLY SHOWN ON OUR WIRING DIAGRAMS BELOW (SOMETIMES PERMITTED BY MANUFACTURERS ON SMALL FAN MOTORS).
- > WHERE THE TP/TK LINKS ARE BY-PASSED (AS ALLOWED BY THE MANUFACTURER), NOTICE SHOULD ALSO BE TAKEN IN RESPECT OF SECTIONS 552-01-02 & 552-01-03 (ROTATING MACHINES) OF THE IEE REGULATIONS BS7671 (17th EDITION) 2001. IN THESE INSTANCES, MANUALLY RE-SETTABLE THERMAL CONTACT MOTOR PROTECTION MUST BE PROVIDED TO PREVENT DANGEROUS AUTOMATIC RE-STARTING OF THE FAN.
- > CARE SHOULD BE TAKEN TO ENSURE ALL TERMINALS ARE DONE UP TIGHTLY.
- > ROTATION OF 3 PHASE FANS MUST BE CHECKED AND ANY TWO PHASES SWAPPED OVER IF REQUIRED TO CORRECT ROTATION.
- > AS SOON AS FAN IS RUNNING, RUNNING CURRENT SHOULD BE CHECKED (USING A CLAMP METER OR SIMILAR) ON FULL SPEED TO ENSURE IT DOES NOT EXCEED THE STATED FLC DETAILED ON MOTOR PLATE.

EXTRACT FAN DATA

MANUFACTURER: SYSTEMAIR

MODEL: KD 315 L1

TYPE: CENTRIFUGAL FLOW FAN

SUPPLY: 230 V / 1 Ph. / 50 Hz.

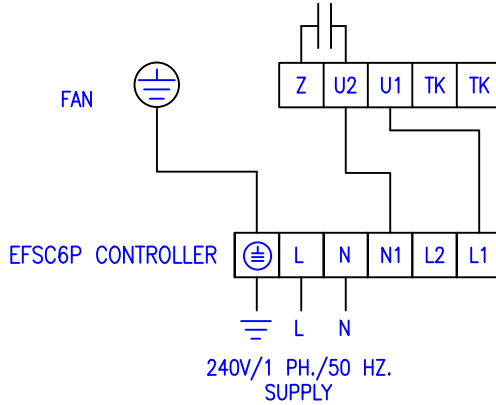
FLC: 1.62 Amps

MOTOR: 0.37 kW

NOISE LEVEL: 54 dba @ 3m

WIRING DIAGRAM

ALL SITE WIRING BY OTHERS. CONTROLLER PROVIDED FREE ISSUE.



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KITCHEN VENTILATION PROJECTS LIMITED

COMMERCIAL KITCHEN VENTILATION SPECIALISTS

-	-	-	-
-	-	-	-
-	-	-	-
REV:	MODIFICATION:	DATE:	CHKD:

CLIENT:

JLA LIMITED

PROJECT:

ROMNEY HOUSE
11 WESTWOOD ROAD
TROWBRIDGE
BA14 9BR

DWG. TITLE:

KITCHEN VENTILATION LAYOUT

DATE:
27/08/25

SCALE:
1:20 @ A1

DRAWING No:

P25075-01

REV:

-

DRAWING APPROVED BY:

SIG:.....
NAME:..... DATE:

*** NO MANUFACTURE WILL PROCEED ***
*** UNTIL DRAWING IS APPROVED ***

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CANOPY SPECIFICATION

CANOPY & WALL CLADDING SHALL BE MANUFACTURED FROM TYPE 304S16 FINE GRAIN BRUSH POLISHED STAINLESS STEEL SHEET IN ACCORDANCE WITH DW172 STANDARD FOR KITCHEN VENTILATION SYSTEMS. ALL VISIBLE SURFACES SHALL BE FINE GRAIN BRUSH POLISHED AND POLYTHENE PROTECTED. SILICONE SEALANT SHALL BE KEPT TO A MINIMUM AND LIMITED ONLY TO JOINTS WHICH REQUIRE A HYGIENIC SEAL.

CANOPY SUPPORT

OUR CLIENT MUST ENSURE THAT THE BUILDING STRUCTURE IS SUFFICIENTLY CAPABLE OF SUPPORTING THE WEIGHT OF THE CANOPY. CANOPY WEIGHT IS EITHER DETAILED HEREIN OR AVAILABLE UPON REQUEST.

FINISHING

AS OUR CANOPIES ARE MANUFACTURED TRUE AND SQUARE, ANY DISCREPANCY FROM INSTALLED CANOPIES AND UN-LEVEL OR OUT OF SQUARE WALLS, CEILINGS ETC. SHALL BE MADE GOOD BY OTHERS. SHOULD INFILL PANELS BE REQUIRED AFTER THE CANOPY IS INSTALLED, THESE SHALL BE SITE MEASURED AND INSTALLED POST-COMPLETION AND COSTED FOR ACCORDINGLY.

CANOPY PROTECTION

OUR CANOPIES ARE SUPPLIED WITH THE PROTECTIVE PLASTIC COATING, WHICH SHALL REMAIN IN PLACE AFTER INSTALLATION AND SHALL BE REMOVED BY OTHERS. NO ADDITIONAL PROTECTION SHALL BE SUPPLIED UNLESS SPECIFICALLY STATED ON THIS DRAWING.

KITCHEN RADIANT HEAT

OUR CANOPIES ARE DESIGNED TO REMOVE CONTAMINATION FROM THE COOKING PROCESSES, AND PROVIDE SAFE AND COMFORTABLE CONDITIONS FOR THE OCCUPANTS. THEY ARE NOT DESIGNED TO CONTROL OVERALL AMBIENT TEMPERATURES WITHIN THE KITCHEN. HEAT GAIN EXTREMES (SPECIFICALLY FROM HIGH RADIANT OUTPUT COOKING EQUIPMENT) AND HEAT LOSS MUST BE ALLOWED FOR BY OTHERS IN THE OVERALL KITCHEN HEATING/COOLING DESIGN.

COMBINATION STEAMING OVENS

WHERE THERE ARE ONE OR MORE COMBINATION STEAMING OVENS PRESENT WITHIN THE COOKLINE, THE OVEN FLUE CAN BE SITED CLOSE TO THE CANOPY FILTER HOUSING CAUSING EXCESS CONDENSATION TO BUILD UP. THIS CAN BE RECTIFIED BY USE OF A STEAM DEFLECTOR EITHER PROVIDED BY OTHERS OR BY KVP AT AN ADDITIONAL COST.