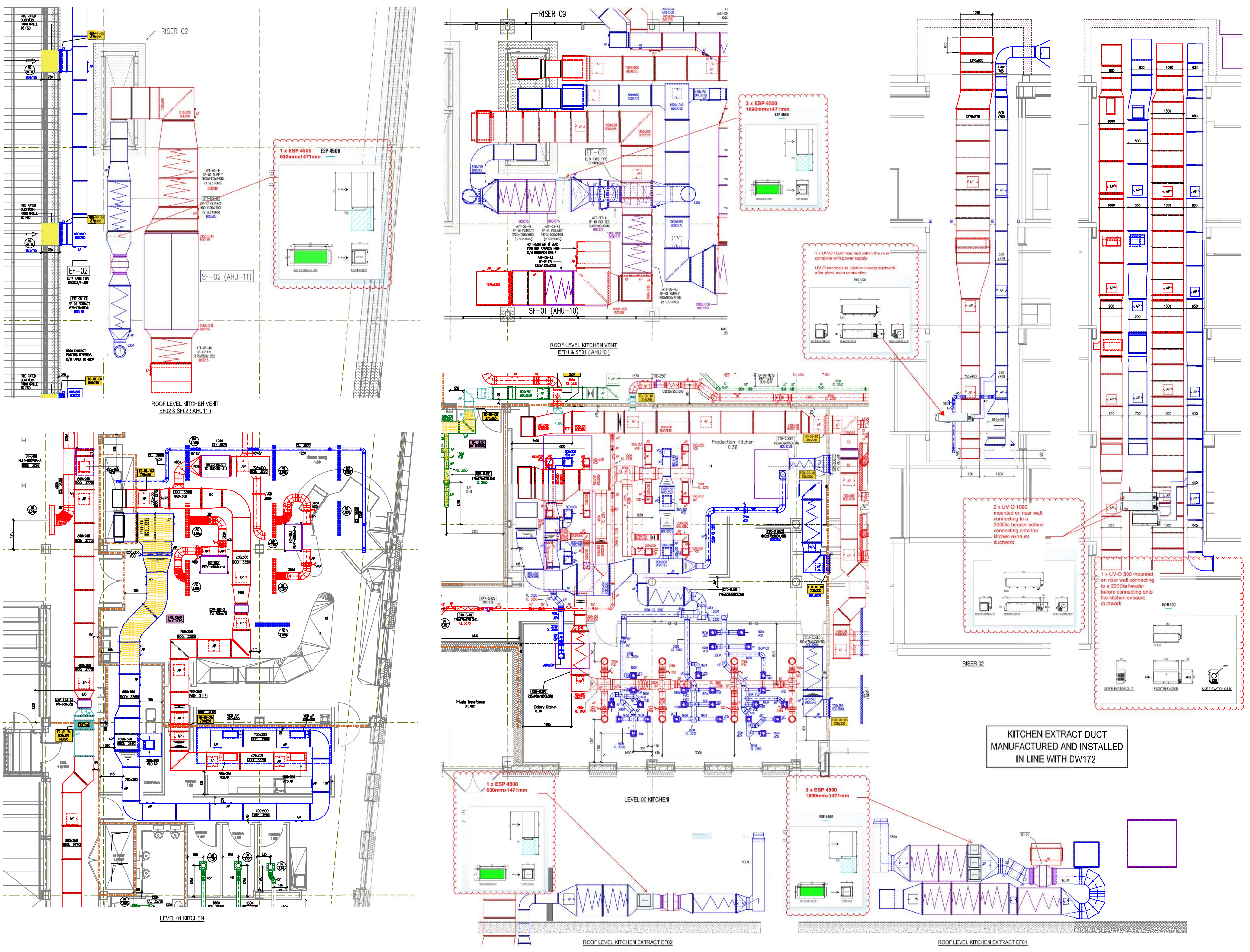
RISER 02
FIRE RATED DUCTWORK FROM GRILLE TO FSD
EF-02
SF-02 (AHU-11)
1 x ESP 4500
630mmx1471mm
ESP 4500
ROOF LEVEL KITCHEN VENT
EF02 & SF02 (AHU11)
RISER 09
EF-01
3 x ESP 4500
1890mmx1471mm
ESP 4500
SF-01 (AHU-10)
ROOF LEVEL KITCHEN VENT
EF01 & SF01 (AHU10)
1 x UV-O 1000 mounted within the riser complete with power supply.
UV-O connects to kitchen extract ductwork after pizza oven connection
UV-O 1000
2 x UV-O 1000 mounted on riser wall connecting to a 200Dia header before connecting onto the kitchen exhaust ductwork
1 x UV-O 500 mounted on riser wall connecting to a 200Dia header before connecting onto the kitchen exhaust ductwork
UV-O 500
PLAN
RISER 02
Production Kitchen
0.38
Private Transformer
Bakery Kitchen
LEVEL 00 KITCHEN
LEVEL 01 KITCHEN
1 x ESP 4500
630mmx1471mm
3 x ESP 4500
1890mmx1471mm
ESP 4500
ROOF LEVEL KITCHEN EXTRACT EF02
ROOF LEVEL KITCHEN EXTRACT EF01

KITCHEN EXTRACT DUCT
MANUFACTURED AND INSTALLED
IN LINE WITH DW172

NOTES :-

DUCTWORK WAS MANUFACTURED AND INSTALLED IN ACCORDANCE WITH DW-144 (2013) CLASS 'A' AND TR19 (2013) PDI INTERMEDIATE LEVEL

FD ▯ DENOTES 'ACTIONAIR FIRESHIELD 201 & 301 DWFX-F' TYPE FIRE DAMPER

SD ▯ DENOTES 'ACTIONAIR SMOKESHIELD PTC DWFX-F' TYPE SMOKE DAMPER

VCD ▯ DENOTES RECTANGULAR 'ACTIONAIR AEROFOIL' TYPE MULTI BLADE VOLUME CONTROL DAMPERS c/w GALVANISED BLADES

VCD ▯ DENOTES CIRCULAR 'ACTIONAIR AEROFOIL' TYPE MULTI BLADE VOLUME CONTROL DAMPERS c/w GALVANISED BLADES

AP ☐ DENOTES ACCESS PANEL FOR RECTANCULAR DUCTWORK

AP ⊙ DENOTES ACCESS PANEL FOR CIRCULAR DUCTWORK

ACCESS PANELS LOCATION FOR INSPECTION / SERVICING & INTERNAL CLEANLINESS

EQUIPMENT	LOCATION	DUCTWORK CONTRACTOR	SPECIALIST CLEANING CONTRACTOR
CONTROL DAMPERS	BOTH SIDE	UP STREAM	DOWN STREAM
FIRE DAMPERS	BOTH SIDE	TO SUIT DAMPER MAINTENANCE	OPPOSITE SIDE
HEATING / COOLING COIL	BOTH SIDE	ONE EACH SIDE	N/A
ATTENUATORS (RECT)	BOTH SIDE	UP STREAM	DOWN STREAM
ATTENUATORS (CIRC)	BOTH SIDE	UP STREAM	DOWN STREAM
FILTER SECTIONS	BOTH SIDE	UP STREAM	DOWN STREAM
AIRTURN VANES	BOTH SIDE	UP STREAM	DOWN STREAM
CHANGE OF DIRECTION	ONE SIDE	N/A	ONE PANEL TO SUIT
IN DUCT FAN / DEVICES	BOTH SIDE	UP STREAM	DOWN STREAM
INLET / EXHAUST LOUVRE	ONE SIDE		N/A
INTERMEDIATE CLEANING PANELS		LOCATIONS TO BE CONFIRMED	TO SUIT FREQUENCY SPECIFIED IN TR/19 & DW/172

Rev	Description	Drawn	Date

Briggs & Forrester
ENGINEERING SERVICES LTD
Cinnabar Court
6200 Daresbury Park
Daresbury
Cheshire
WA4 4GE
www.briggsandforrester.co.uk
Tel: (01928) 798279
Registered in England No. 1867941

Client:
WILLMOTT DIXON

Project:
THE MANCHESTER COLLEGE
CITY CENTRE CAMPUS
5255

Drawing Title:
KITCHEN AREAS
VENTILATION LAYOUT

Scale: 1:50 @ A0 / 1:75 @ A1
Checked: AG/CG/RG/MB

Drawing Number: AMG-MCCC-KITCHENS
Revision: AF

Suitability: A1
Drawing Status: AS FITTED DRAWING

AMG Sheet Metal
31-33 CAYLEY COURT
HOPPER HILL ROAD
SCARBOROUGH BUSINESS PARK
YO11 3YJ
16-02-22
Drawing office email :-
cad@amgsheetmetal.co.uk