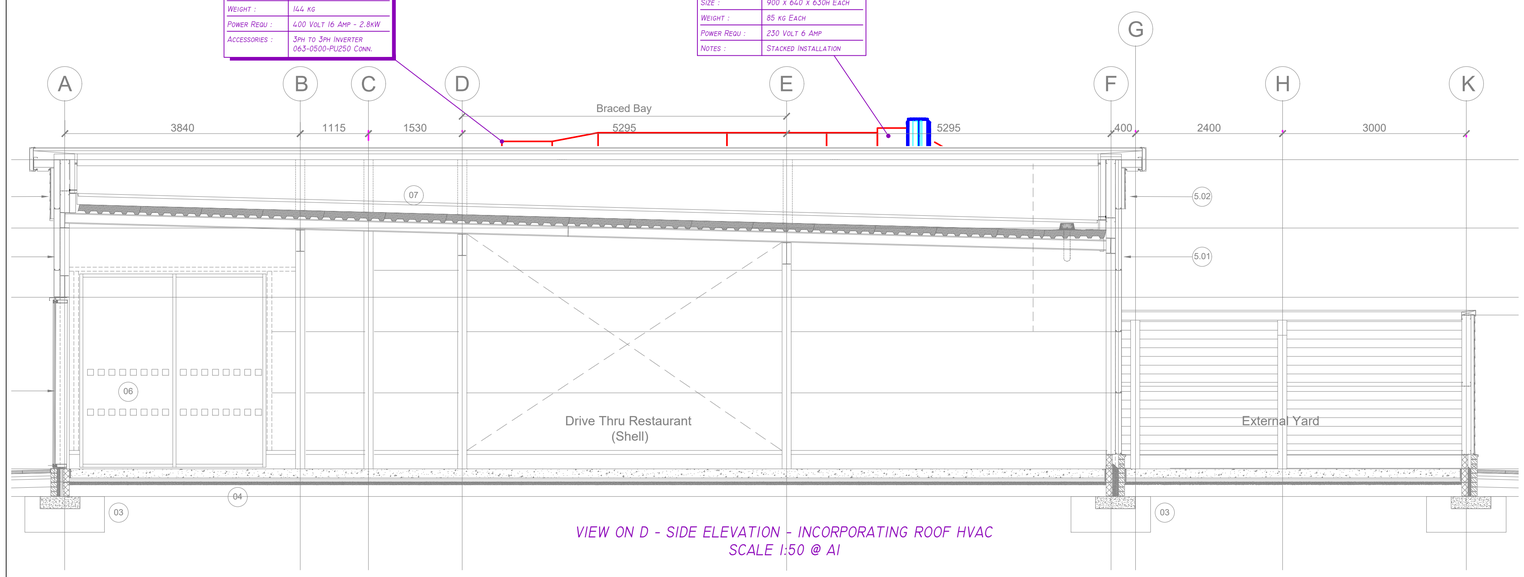
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REVISIONS

REV A	07.12.21	NEW ARCHITECTS BACKGROUND INCORPORATED. HVAC PLANT AMMENDED TO SUIT. HVAC DATA UPDATED.
REV B	25.04.22	ROOF ACCESS INCORPORATED ABOVE STAFF AREA. CAT LADDER REMOVED.

KITCHEN EXTRACT FAN	
MODEL :	-
SIZE :	820 x 820 x 820
WEIGHT :	144 KG
POWER REQU :	400 VOLT 16 AMP - 2.8kW
ACCESSORIES :	3PH TO 3PH INVERTER 063-0500-PU250 CONN.

ODOUR CONTROL PLANT : ESP	
MODEL :	-
SIZE :	900 x 640 x 630H EACH
WEIGHT :	85 KG EACH
POWER REQU :	230 VOLT 6 AMP
NOTES :	STACKED INSTALLATION

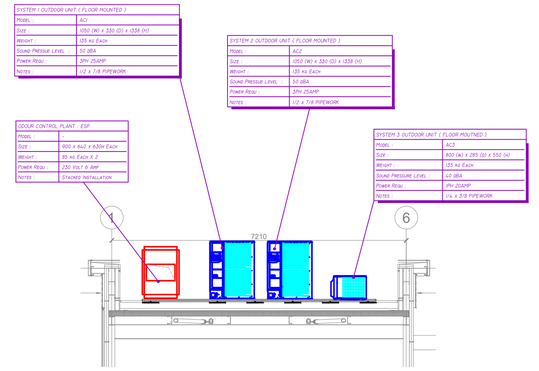


VIEW ON D - SIDE ELEVATION - INCORPORATING ROOF HVAC
SCALE 1:50 @ A1

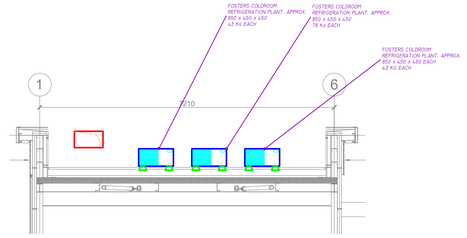
SYSTEM 1 OUTDOOR UNIT (FLOOR MOUNTED)	
MODEL :	AC1
SIZE :	1050 (W) x 330 (D) x 1338 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	50 dBA
POWER REQU :	3PH 25AMP
NOTES :	1/2 x 7/8 PIPEWORK

SYSTEM 2 OUTDOOR UNIT (FLOOR MOUNTED)	
MODEL :	AC2
SIZE :	1050 (W) x 330 (D) x 1338 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	50 dBA
POWER REQU :	3PH 25AMP
NOTES :	1/2 x 7/8 PIPEWORK

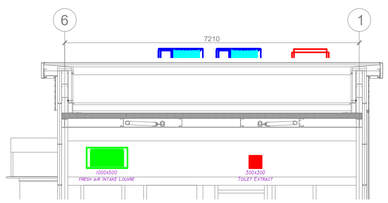
SYSTEM 3 OUTDOOR UNIT (FLOOR MOUTNED)	
MODEL :	AC3
SIZE :	800 (w) x 285 (d) x 550 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	40 dBA
POWER REQU :	1PH 20AMP
NOTES :	1/4 x 3/8 PIPEWORK



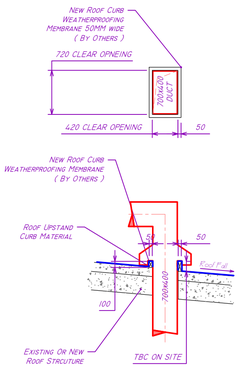
VIEW ON SECTION A
SCALE 1:75 @ A1



VIEW ON SECTION B
SCALE 1:75 @ A1



VIEW ON SECTION C - EXTERNAL VIEW ON REAL BUILDING WALL
SCALE 1:75 @ A1



ROOF / DUCT TYPICAL PENETRATION DETAIL
NTS

FOR PLANNING

Address:
Proposed Food Development
East Avenue / Hillhouse Road,
BLANTYRE

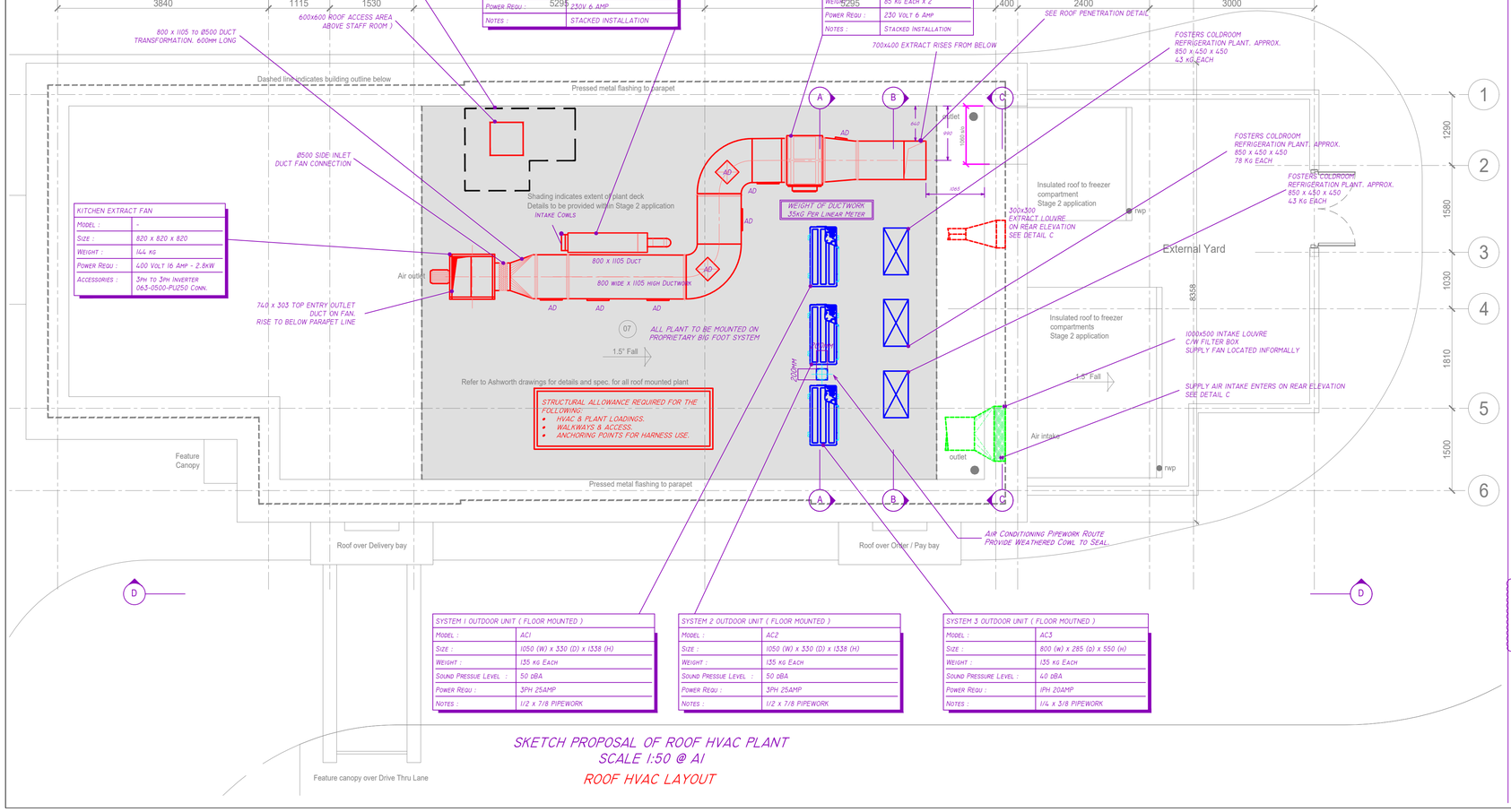
Ashworth,
Unit 9, Llancoed Court,
Llandarcy, Neath, SA10 6FG
www.ashworthuk.com

ashworth
DESIGN INSTALL MAINTENANCE SERVICE

KITCHEN EXTRACT FAN	
MODEL :	-
SIZE :	820 x 820 x 820
WEIGHT :	144 KG
POWER REQU :	400 VOLT 16 AMP - 2.8kW
ACCESSORIES :	3PH TO 3PH INVERTER 063-0500-PU250 CONN.

ODOUR CONTROL PLANT : OZONE	
MODEL :	-
SIZE :	1568 x 363 x 350 (H)
WEIGHT :	50 KG
POWER REQU :	230V 6 AMP
NOTES :	STACKED INSTALLATION

ODOUR CONTROL PLANT : ESP	
MODEL :	-
SIZE :	900 x 640 x 630H EACH
WEIGHT :	85 KG EACH X 2
POWER REQU :	230 VOLT 6 AMP
NOTES :	STACKED INSTALLATION



SYSTEM 1 OUTDOOR UNIT (FLOOR MOUNTED)	
MODEL :	AC1
SIZE :	1050 (W) x 330 (D) x 1338 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	50 dBA
POWER REQU :	3PH 25AMP
NOTES :	1/2 x 7/8 PIPEWORK

SYSTEM 2 OUTDOOR UNIT (FLOOR MOUNTED)	
MODEL :	AC2
SIZE :	1050 (W) x 330 (D) x 1338 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	50 dBA
POWER REQU :	3PH 25AMP
NOTES :	1/2 x 7/8 PIPEWORK

SYSTEM 3 OUTDOOR UNIT (FLOOR MOUTNED)	
MODEL :	AC3
SIZE :	800 (w) x 285 (d) x 550 (H)
WEIGHT :	135 KG EACH
SOUND PRESSURE LEVEL :	40 dBA
POWER REQU :	1PH 20AMP
NOTES :	1/4 x 3/8 PIPEWORK

SKETCH PROPOSAL OF ROOF HVAC PLANT
SCALE 1:50 @ A1
ROOF HVAC LAYOUT

VENTILATION

THE VENTILATION INSTALLATIONS SHALL BE IN ACCORDANCE WITH :

THE BUILDING (SCOTLAND) REGULATIONS 2004.
CHARTERED INSTITUTE OF BUILDING SERVICES ENGINEERS (CIBSE)
GUIDE B : HEATING VENTILATION, AIR CONDITIONING & REFRIGERATION.

BUILDING ENGINEERING SERVICES ASSOCIATION (BESA)
DOCUMENT DW144 : SPECIFICATION FOR SHEET METAL DUCTWORK.
DOCUMENT DW145 : GUIDE TO GOOD PRACTICE FOR THE INSTALLATION OF FIRE 7 SMOKE DAMPERS.

The ventilation system to be constructed in accordance with the recommendations of Legionnaires' Disease: The Serving Aberdeenshire from mountain to sea - the very best of Scotland control of legionella bacteria in water systems - approved code of practice and guidance -HSE L8.

AIR CONDITIONING

THE REFRIGERATION & AIR CONDITIONING INSTALLATIONS SHALL BE IN ACCORDANCE WITH :

THE BUILDING (SCOTLAND) REGULATIONS 2004.
BUILDING ENGINEERING SERVICES ASSOCIATION (BESA)
DOCUMENT RAC80 : DESIGN, SPECIFICATION FOR DX PACKAGED AIR CONDITIONING EQUIPMENT IN BUILDINGS.
AIR CONDITIONING AND REFFRIGERATION INDUSTRY BOARD (ACRIB) REGULATIONS
F-GAS CERTIFICATION.
CHARTERED INSTITUTE OF BUILDING SERVICES ENGINEERS (CIBSE)
GUIDE B : HEATING VENTILATION, AIR CONDITIONING & REFRIGERATION.

PROJECT:	Little DTR - Generic Model
CLIENT:	Euro Garages
DRAWING:	General Arrangement of Roof Plant HVAC Layout
	FOR INFORMATION ONLY
SCALE: 1:50@A1	DRAWN: LSD — DATE: 30/11/21
JOB No: 0000	CHECKED: — DATE:
DRAWING No:	0000/M/100 REV B