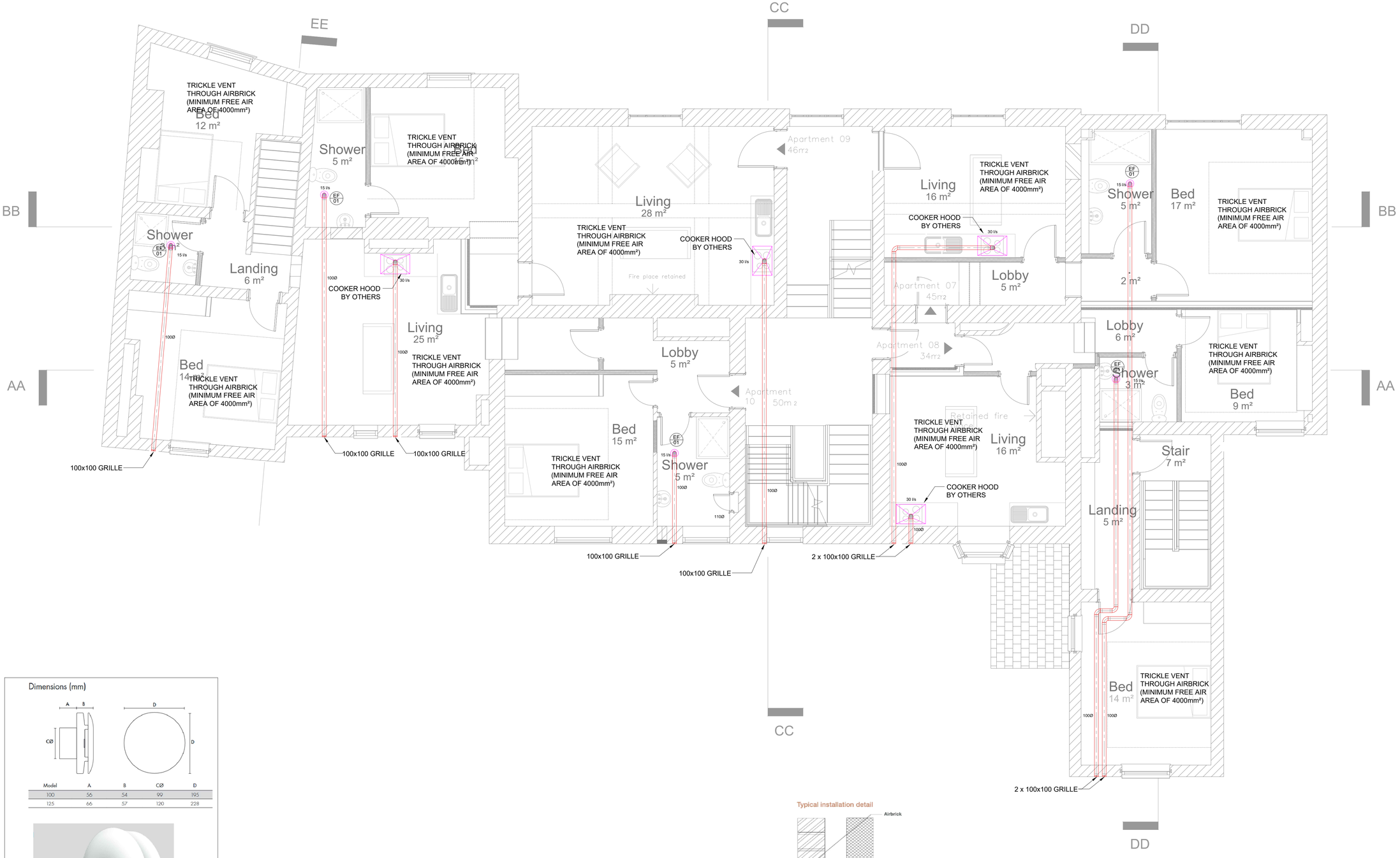


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DO NOT SCALE FROM THIS DRAWING

DRAWING BACKGROUND(S):

VENTILATION NOTES

1. DUCTWORK INSTALLATION TO BE IN ACCORDANCE WITH DW/144.
2. FIRE DAMPERS AND ACCESS PANELS TO BE PROVIDED WHEN DUCTS PASS THROUGH FIRE BARRIERS. FIRE DAMPERS TO BE OUT OF AIR STREAM TYPE.
3. ALL FAN COIL UNITS DUCTWORK, GRILLES AND PLENUM BOXES SHALL BE SUPPORTED USING DROP ROD FIXING AND UNISTRUT. GRIPPLE WIRE SHALL NOT BE ACCEPTED AS A MEANS OF SUPPORT.
4. ACCESS HATCHES SHALL BE PROVIDED IN THE DUCTWORK IN ACCORDANCE WITH DW144, TABLE 25, LEVEL 3.
5. MAXIMUM PERMITTED LENGTH OF FLEXIBLE DUCTWORK SHALL BE 500mm.
6. CONTRACTOR/MANUFACTURER TO ENSURE ALL GRILLES ARE BLANKED TO SUIT CORRECT AIRFLOW.
7. CONTRACTOR/MANUFACTURER TO ENSURE ALL SPIGOT SIZES ARE CORRECT FOR THE DIFFUSER VOLUME
8. CONTRACTOR/MANUFACTURER TO ENSURE DIFFUSER PLATE IS SUPPLIED AND FITTED IN SUCH A WAY THAT AIRSTREAM IS EQUALLY DIVIDED.
9. CONTRACTOR/MANUFACTURER TO ENSURE CEILING TYPE IS CONFIRMED PRIOR TO ANY MANUFACTURE.
10. CONTRACTOR/MANUFACTURER TO ENSURE GRILLE CORES ARE REMOVABLE SO PLENUM CAN BE CLEANED.
11. CONTRACTOR/MANUFACTURER TO ENSURE PLENUM BOXES ARE LINED AS STANDARD ELIMINATING NOISE PROBLEMS.

Dimensions (mm)

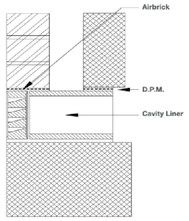
Model	A	B	CØ	D
100	56	54	99	195
125	66	57	120	228

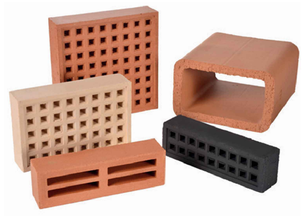




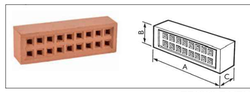
EF 01 - VENT-AXIA Lo-Carbon NBR dMEVc 100mm

Typical installation detail





TYPICAL AIRBRICK INSTALLATION DETAIL



Cat No	A mm	B mm	C mm	Free Air Space mm²
YA13	215	65	50	1300
YA14	215	140	50	2890
YA15	215	215	50	4624

TRICKLE VENT THROUGH HEPWORTH TERRACOTTA AIRBRICK
(MINIMUM 4000mm² FREE AIR SPACE)

Extract Fan							
Reference	Fan Type	Duty (l/s)	External Static Pressure (Pa)	S.F.P.	Manufacturer	Model	Comments / Accessopries
EF 01	Single Fan	15	30	0.3	Vent-Axia	Lo-Carbon NBR dMEVc 125HT	

Rev	Date	Description	Eng	Chk
P3	13.03.25	ADDED AIRBRICK DETAIL AND VENT NOTES	PK	DR
P2	12.03.25	AMENDED VENTILATION STRATEGY	PK	DR
P1	28.11.24	PRELIMINARY ISSUE	PK	DR

Client

AVA WREXHAM LTD.
48-52 PENNY LANE,
MOSSLEY HILL, LIVERPOOL
L18 1DG

Project

23 CHESTER STREET,
WREXHAM

Drawing Title

FIRST FLOOR VENTILATION LAYOUT

Status

PRELIMINARY

Project No.: 1125

Drawn: PK

Scale / Paper Size: 1:100 @ A1

Drawing No.: 1123-AVA-ZZ-01-DR-M-500

Rev: P3