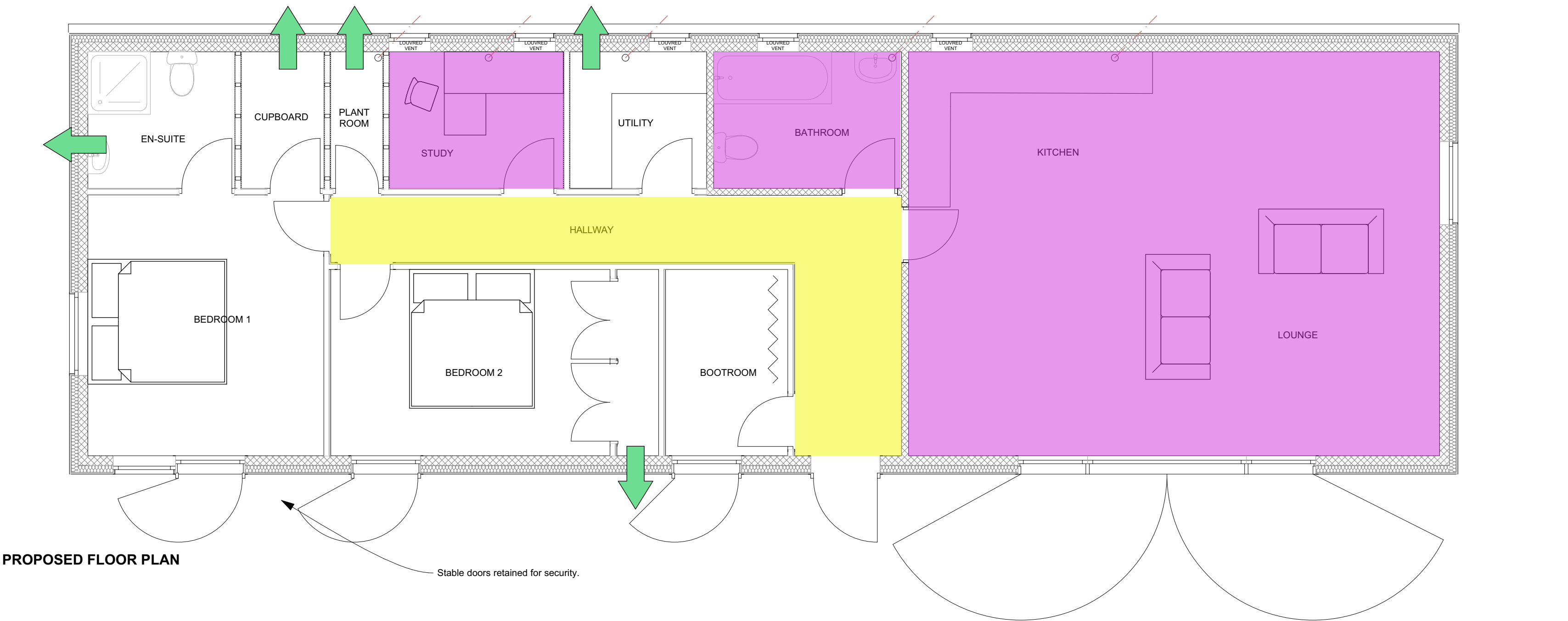
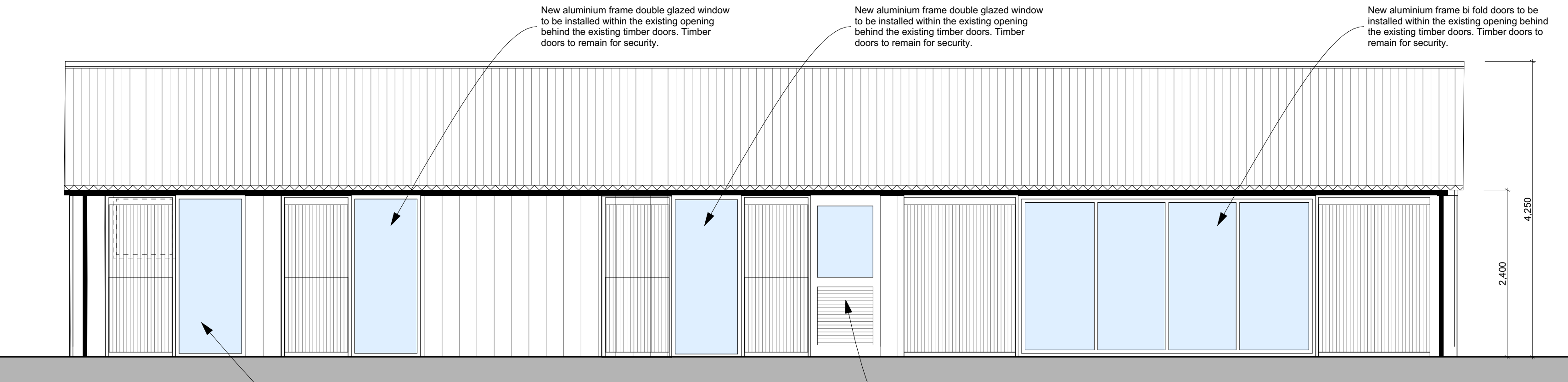
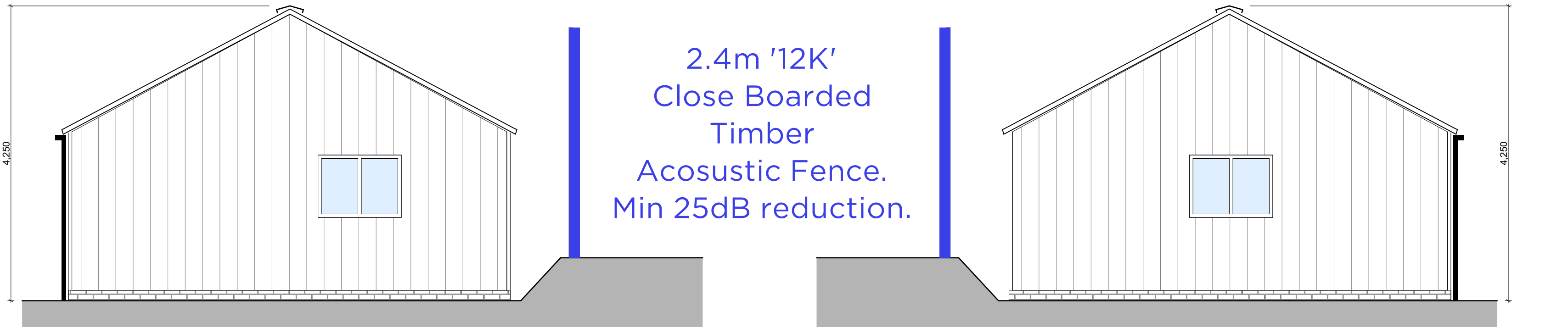




PROPOSED FLOOR PLAN

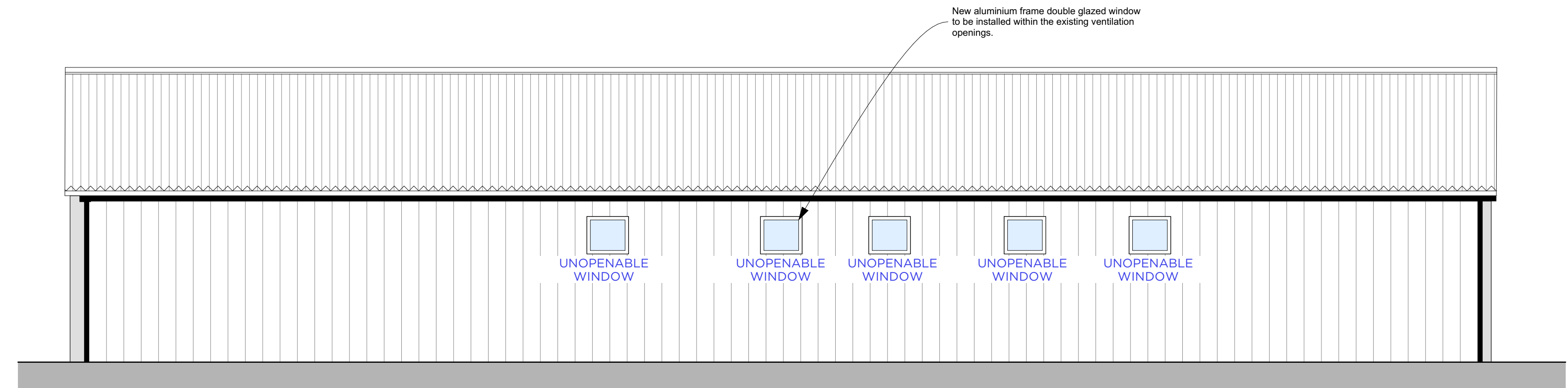


PROPOSED FRONT ELEVATION
VENTILATION TERMINALS LOCATED ON THIS FACE

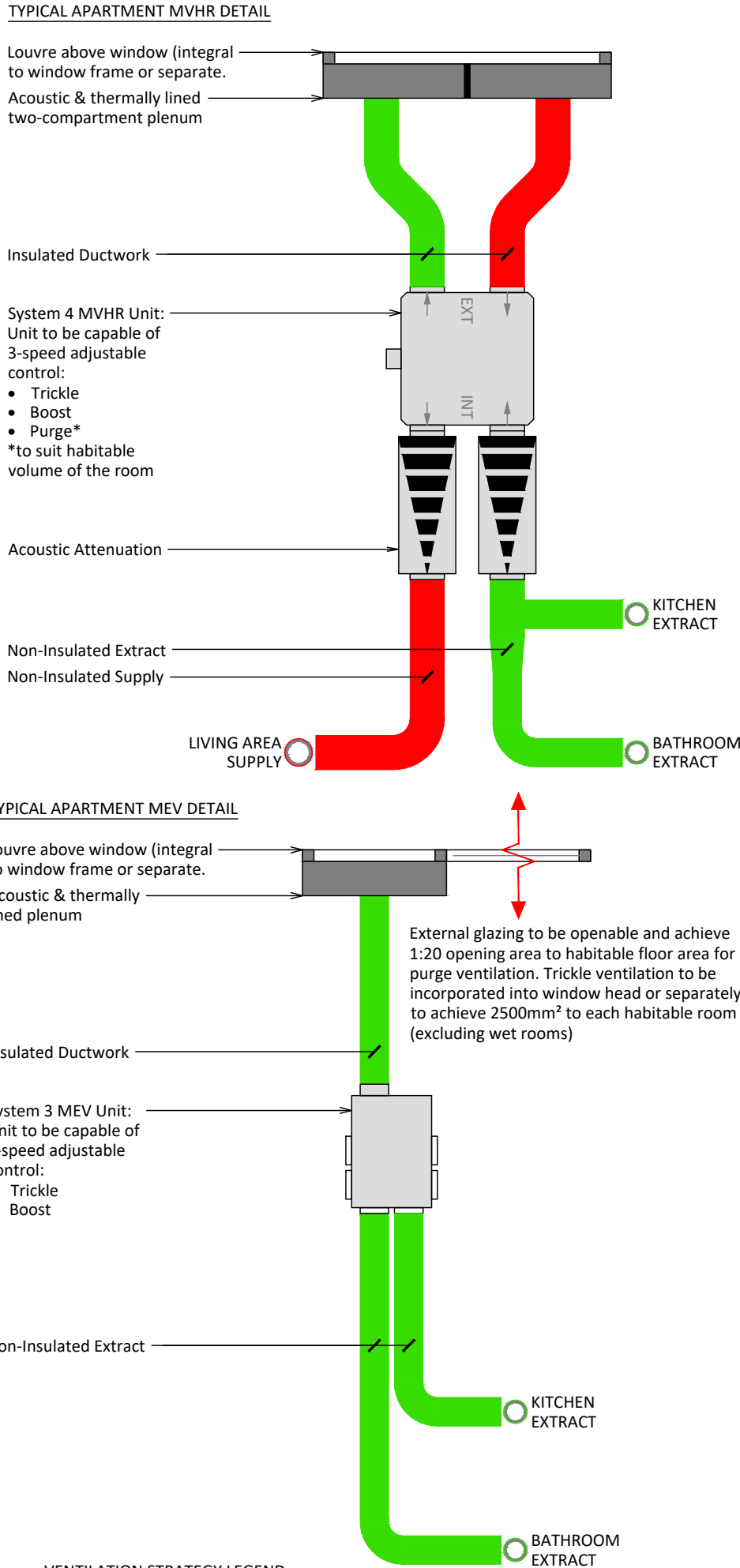


PROPOSED SIDE ELEVATION

PROPOSED SIDE ELEVATION



PROPOSED REAR ELEVATION NO VENTILATION TERMINALS ON THIS FACE



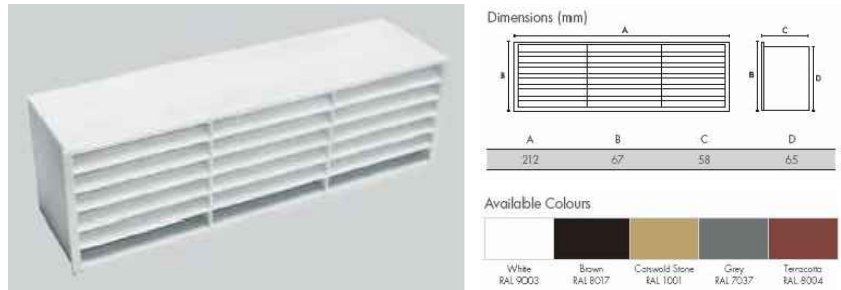
VENTILATION STRATEGY LEGEND:

- ALL HABITABLE ROOMS FACING M1 MOTORWAY
- ADF System 4: Continuous Mechanical Supply & Extract Ventilation with heat recovery (MVHR).
- System designed to ensure that incoming air is sourced from an area of improved air quality typically the roof or a facade facing away from Belgrave Road to maximum its effectiveness. Either through rear facing roofs or through rear facing facades.
- It is assumed windows will not be openable for the purposes of providing purge ventilation in accordance with Approved Document F ADF. Therefore, the MVHR units shall be capable of exchanging 4.0 air changes of air per hour to suit the relevant habitable volume.
- Trickle Ventilation to be provided within windows and rooflights
- Noise levels within room not to exceed 30dB(A) whilst ventilating at 4.0 air changes of air per hour

- ALL INTERNAL NON HABITABLE ROOMS
- CIBSE GUIDE B: Standards for maintaining healthy indoor environments should be adopted, typically 10-12/s per person of fresh air.

VENTILATION TERMINAL DETAILS:

- Low resistance Inlet/Outlet Air Brick:
212W x 67H x 58D.
90% free area.
Colour to suit.

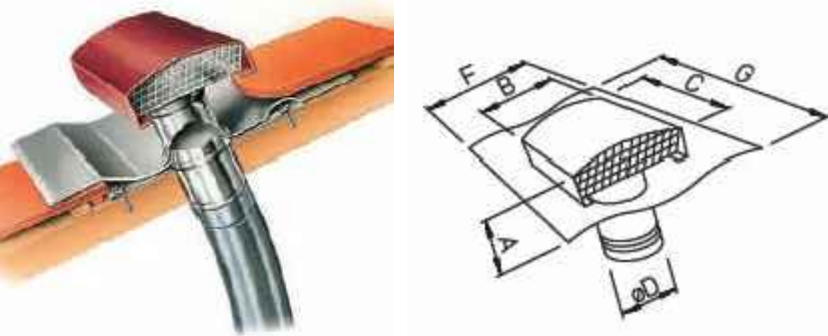


Termination locations to be determined on site once full design is undertaken.

High capacity roof terminal:

- 328W x 200H x 124D.
RAL 8012 (brick red) or RAL 7024 (slate grey).
Helios DDF Ø125 or similar.

ALL VENTS TO TERMINATE ON SOUTH FACING ROOF AWAY (FACING AWAY FROM MOTORWAY)

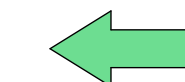


Type ¹	Ref. no.	Type ²	Ref. no.	Dimensions in mm						Weight kg
				A	B	C	Ø D	F	G	
DDF 125	1964	DDF 125 G	1848	124	200	328	125	500	400	4

Notes

- This drawing MUST NOT BE SCALED.
- All dimensions to be CHECKED ON SITE and any DISCREPANCY reported to the Architects.
- The site boundary shown is the best assumed from available data and does NOT represent legal ownership.

AAH125HP Rytons internal fit super acoustic controllable background room ventilator fitted through the external wall.



Revisions.

- | | |
|--------------------------------------|---|
| ☐ APPROVAL | ☐ INFORMATION |
| ☐ PRELIMINARY | ☐ FOR CONSTRUCTION |

Project
WHITTINGTON EDGE STABLES
MARKFIELD ROAD
LE6 0LU

Client
MR AND MRS BERRIDGE

Drawing Title
PROPOSED VENTILATION STRATEGY

Drawing By PJT	Checked By JHS
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Date JANUARY 2023	Scale 1:50 @ A1
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Drawing Number 7579 / 24	Revision
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