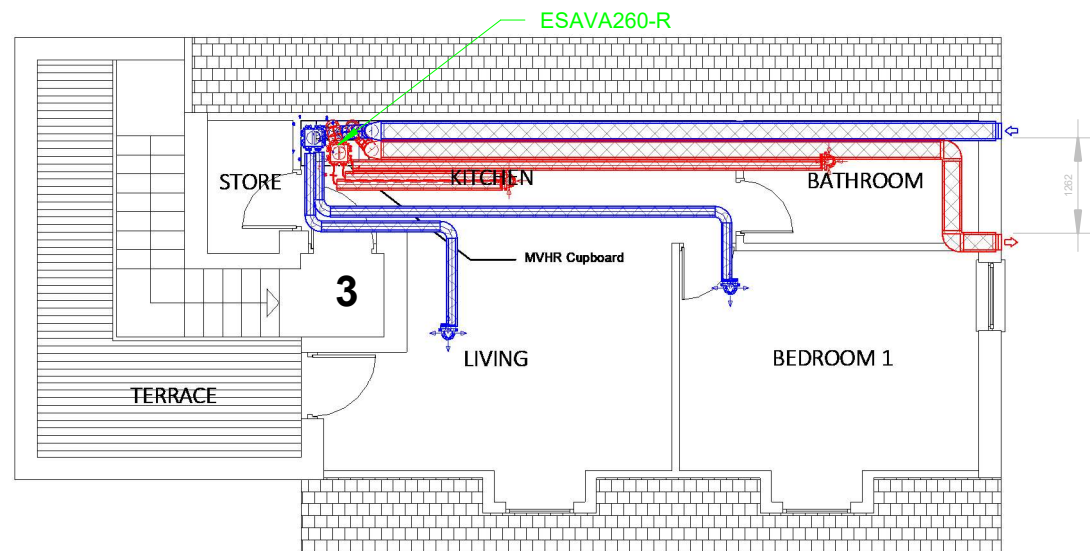
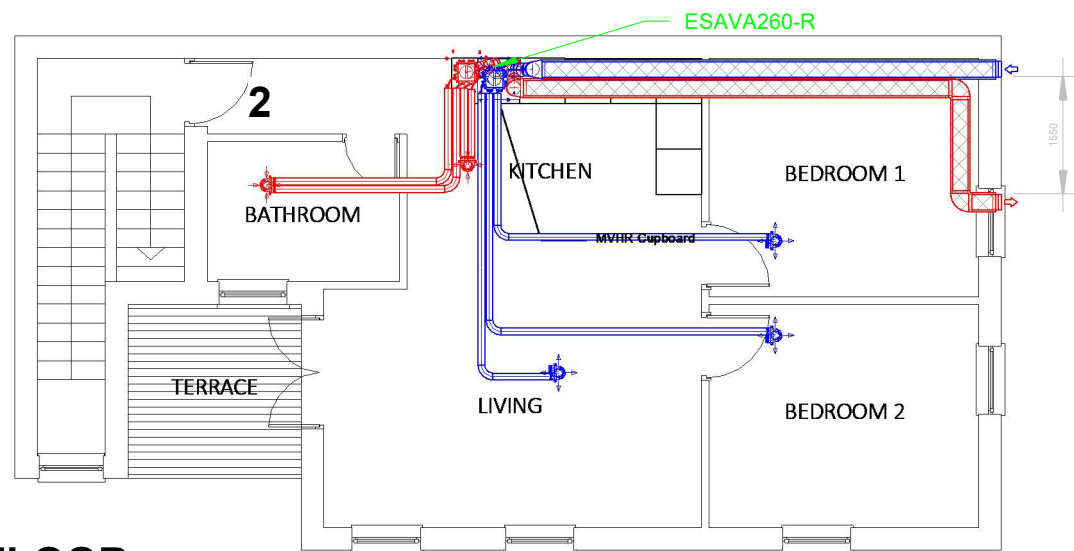


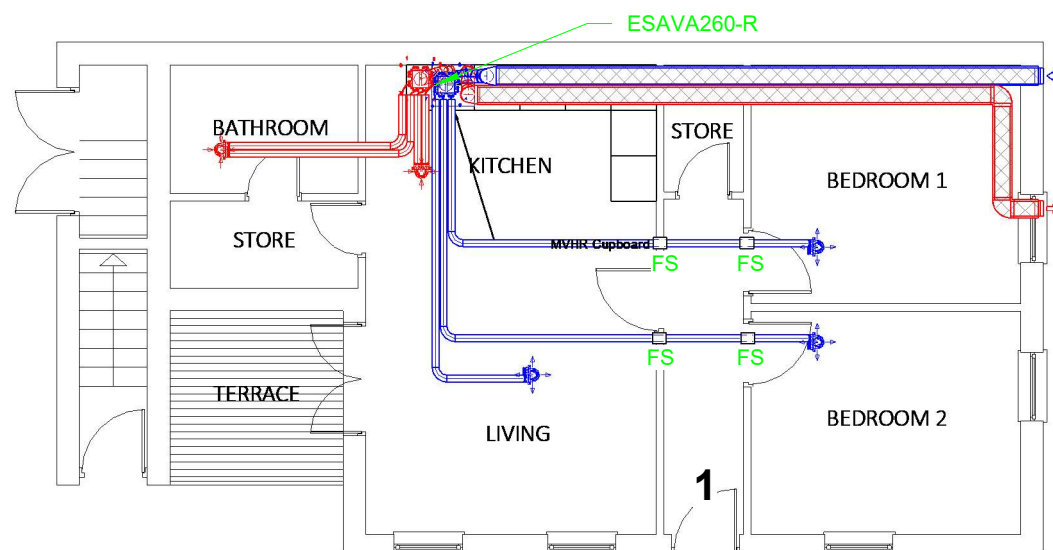
SECOND FLOOR



FIRST FLOOR



GROUND FLOOR
NEW BUILD BLOCK



Minimum Flow Rates - Flat 1 - 61.2m²			
Room	Boost Rate	Trickle Rate	No. Runs

Bathroom	14.0 L/s	11.0 L/s	Double
Kitchen	17.0 L/s	14.0 L/s	Double
	31.0 L/s	25.0 L/s	
Bedroom 1	10.0 L/s	8.0 L/s	Single
Bedroom 2	9.0 L/s	7.0 L/s	Single
Living	12.0 L/s	10.0 L/s	Single
	31.0 L/s	25.0 L/s	

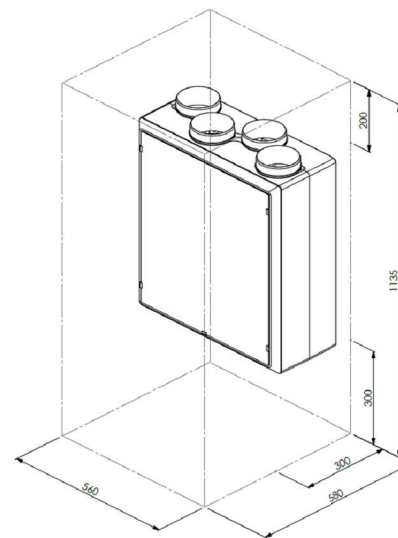
Minimum Flow Rates - Flat 2 - 58.5m²			
Room	Boost Rate	Trickle Rate	No. Runs

Bathroom	14.0 L/s	11.0 L/s	Double
Kitchen	17.0 L/s	14.0 L/s	Double
	31.0 L/s	25.0 L/s	
Bedroom 1	10.0 L/s	8.0 L/s	Single
Bedroom 2	9.0 L/s	7.0 L/s	Single
Living	12.0 L/s	10.0 L/s	Single
	31.0 L/s	25.0 L/s	

Minimum Flow Rates - Flat 3 - 41.2m²			
Room	Boost Rate	Trickle Rate	No. Runs

Bathroom	10.0 L/s	8.0 L/s	Single
Kitchen	13.0 L/s	11.0 L/s	Double
	23.0 L/s	19.0 L/s	
Bedroom	11.0 L/s	9.0 L/s	Single
Living	12.0 L/s	10.0 L/s	Single
	23.0 L/s	19.0 L/s	

*If Ø90mm semi-rigid duct is specified, please do not commission over 13l/s for single run or 20l/s for double run.



- Envirovent ESAVA 260 unit mounted at high level in cupboard as indicated on the drawings.
- Unit to run at continuous trickle speed with boost mode operated via integral humidity sensors or via manual boost switch.
- The system utilises Ø125mm insulated flexible/rigid ducting, 204x60mm flat rigid ducting & Ø90mm semi-rigid ducting. Any ducting requiring insulation is shown with cross hatching on the design.
- Including ceiling mounted Ø125mm supply & extract adjustable diffusers within all habitable rooms.
- Fast Track ducting includes anti-bacterial lining. Access for cleaning ducting can be made by removing ceiling valves and from the distribution box.
- The unit requires a condensate drain to run to the nearest internal waste system. Drain should be fitted with non-return valve or trap.
- Acoustically insulated flexible duct to be used to connect unit spigot to supply/extract rigid duct to rooms only. it must not be used for duct runs going to atmosphere.
- Ducting in unheated area and to and from atmosphere must be suitably insulated.
- The design assumes that the ceiling voids are sufficient to accommodate the ducting. Any round semi-rigid 90-degree bends indicated on this design are indicative of a sweeping bend achieved by bending the fast-track ducting reel. Please notify if space is limited before confirming order.
- External terminations need to be a minimum of 1m apart.

* Where the ducted system penetrates a fire compartment wall or ceiling, fire-stopping will be needed. Where a fire strategy is provided and fire stopping is requested, we will only provide a proposal. This proposal should be checked and approved by building control or a suitably qualified person. Please note intumescent fire-rated valves can only be mounted horizontally on the ceiling.

FS - Fire Sleeve

envirovent

Harrogate West Business Park
Unit 1 Bardner Bank
Killinghall
Harrogate
HG3 2SP
Tel: 01423 810810
www.envirovent.com

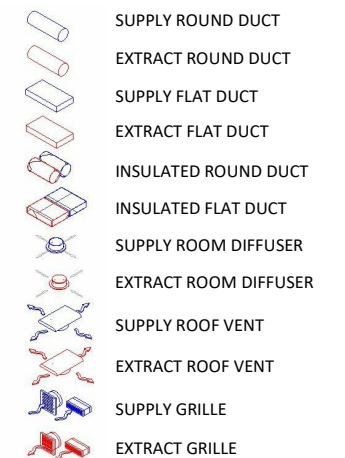
Notes:

THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE 2010 BUILDING REGULATIONS PART F - MEANS OF VENTILATION (ENGLAND '2021 EDITION' & WALES '2022 EDITION').

AS SUCH THE SYSTEM MUST BE INSTALLED AND COMMISSIONED AS PER THE DESIGN SPECIFICATION TO ENSURE COMPLIANCE WITH THE ABOVE MENTIONED.

ADDITIONALLY THE COMMISSIONED SYSTEM MUST COMPLY WITH IET 18th EDITION WIRING REGULATIONS (BS7671).

THE DESIGN IS SUBJECT TO COPYRIGHT AND MUST NOT BE ALTERED, AMENDED OR INCORPORATED IN ANYWAY WHATSOEVER. NOR SHALL IT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF ENVIROVENT LTD.



Project

233 LONDON ROAD

Client

ITS CONSULTANCY

Drawing

NEW BUILD

Designer

CT

Project No.	Drawing No.	Revision
ENV-12129	1 of 1	A
Date	Scale	Paper Size
13/3/25	1 : 100	A3