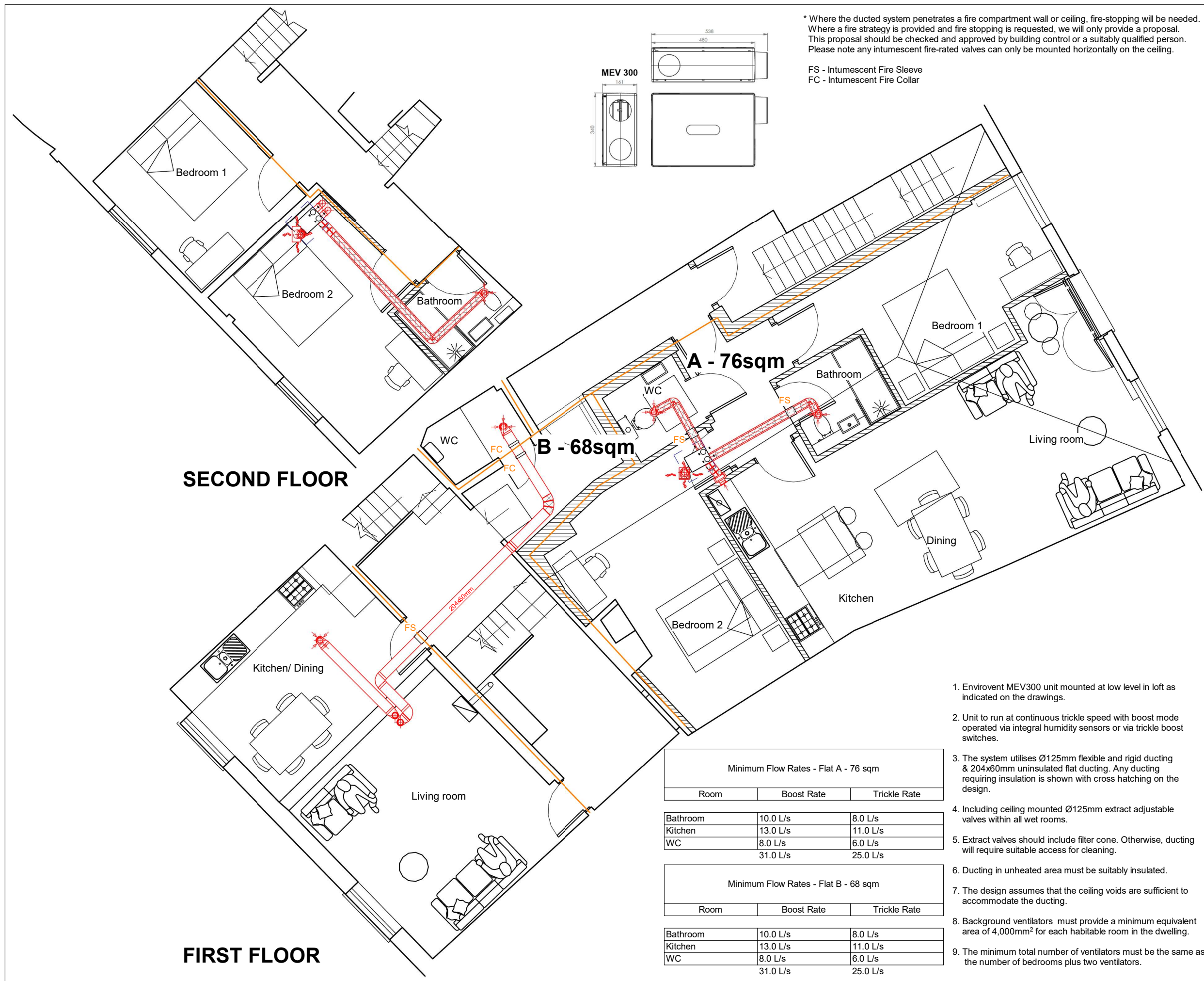




* Where the ducted system penetrates a fire compartment wall or ceiling, fire-stopping will be needed. Where a fire strategy is provided and fire stopping is requested, we will only provide a proposal. This proposal should be checked and approved by building control or a suitably qualified person. Please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

FS - Intumescent Fire Sleeve
FC - Intumescent Fire Collar



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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.

- SUPPLY ROUND DUCT
- EXTRACT ROUND DUCT
- SUPPLY FLAT DUCT
- EXTRACT FLAT DUCT
- INSULATED ROUND DUCT
- INSULATED FLAT DUCT
- SUPPLY ROOM DIFFUSER
- EXTRACT ROOM DIFFUSER
- SUPPLY ROOF VENT
- EXTRACT ROOF VENT
- SUPPLY GRILLE
- EXTRACT GRILLE

- Envirovent MEV300 unit mounted at low level in loft as indicated on the drawings.
- Unit to run at continuous trickle speed with boost mode operated via integral humidity sensors or via trickle boost switches.
- The system utilises Ø125mm flexible and rigid ducting & 204x60mm uninsulated flat ducting. Any ducting requiring insulation is shown with cross hatching on the design.
- Including ceiling mounted Ø125mm extract adjustable valves within all wet rooms.
- Extract valves should include filter cone. Otherwise, ducting will require suitable access for cleaning.
- Ducting in unheated area must be suitably insulated.
- The design assumes that the ceiling voids are sufficient to accommodate the ducting.
- Background ventilators must provide a minimum equivalent area of 4,000mm² for each habitable room in the dwelling.
- The minimum total number of ventilators must be the same as the number of bedrooms plus two ventilators.

Minimum Flow Rates - Flat A - 76 sqm		
Room	Boost Rate	Trickle Rate
Bathroom	10.0 L/s	8.0 L/s
Kitchen	13.0 L/s	11.0 L/s
WC	8.0 L/s	6.0 L/s
	31.0 L/s	25.0 L/s

Minimum Flow Rates - Flat B - 68 sqm		
Room	Boost Rate	Trickle Rate
Bathroom	10.0 L/s	8.0 L/s
Kitchen	13.0 L/s	11.0 L/s
WC	8.0 L/s	6.0 L/s
	31.0 L/s	25.0 L/s

Project

12 MARYPORT STREET

Client

JIA ARCHITECTS

Drawing

MEV - FLOOR PLANS

Designer

RCB

Project No.	Drawing No.	Revision
ENV-12835	1 of 1	OR
Date	Scale	Paper Size
16/03/2026	1 : 75	A3
UK ☒ SC ☐	TF ☐ PH ☐ OH ☐ PG ☐	