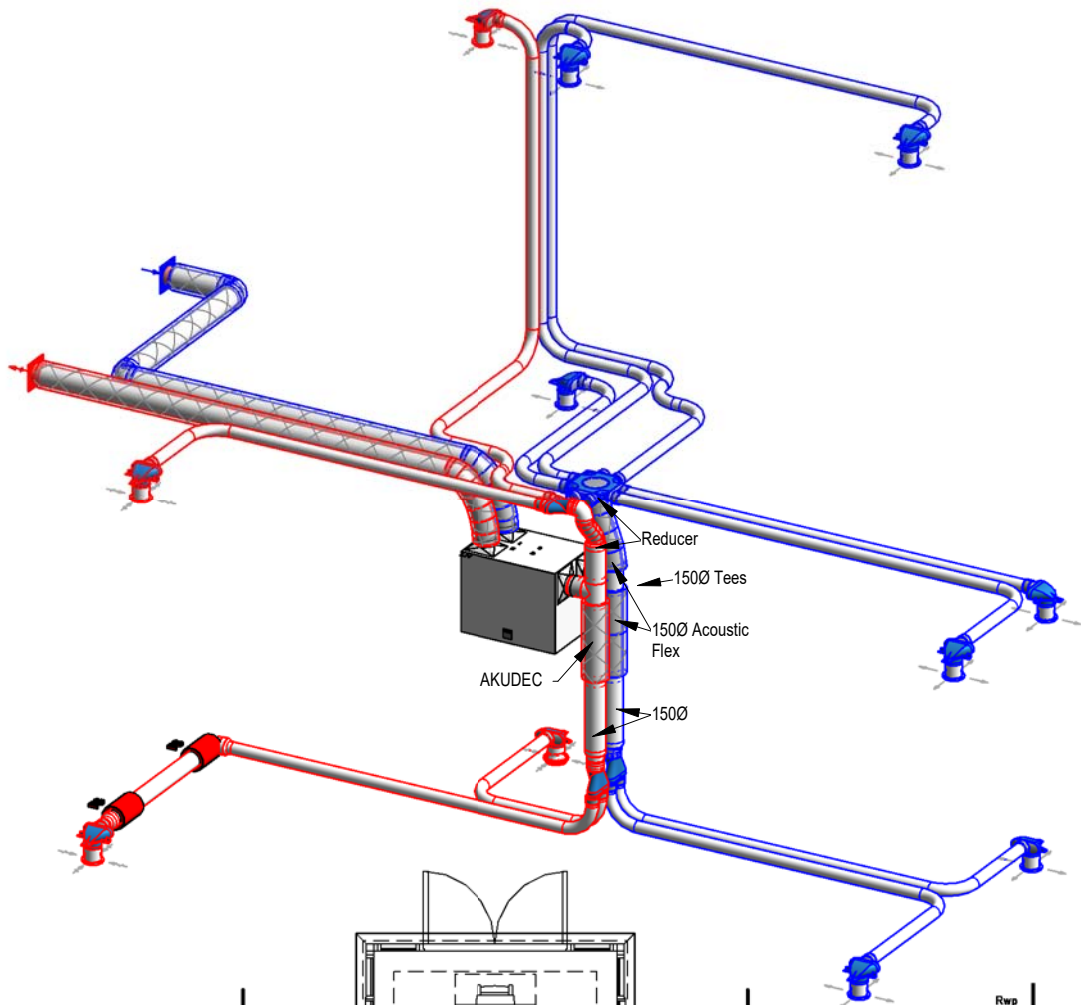




COMMISSIONING TABLE (l/s)			
EXTRACT			
Overheating	Boost	Trickle	
Kitchen	24.4	13.0	11.8
WC	17.4	9.3	8.4
Bathroom	17.4	9.3	8.4
En-Suite 1	17.4	9.3	8.4
	76.6	40.7	37.0
SUPPLY			
Overheating	Boost	Trickle	
Dining Vent 1	9.4	5.0	4.5
Dining Vent 2	9.4	5.0	4.5
Bedroom 1 Vent 1	13.8	7.3	6.6
Bedroom 1 Vent 2	13.8	7.3	6.6
Bedroom 2	13.2	7.0	6.4
Bedroom 3	11.0	5.8	5.3
Bedroom 4	6.3	3.3	3.0
	76.6	40.7	37.0

Minimum flow rates to Doc F Building Regs 2021 Edition and Overheating Assessment Report

NOTES:

THIS SYSTEM PROPOSAL HAS BEEN DESIGNED TO COMPLY WITH THE CURRENT BUILDING REGULATIONS - MEANS OF VENTILATION.

THE SYSTEM MUST BE INSTALLED AND COMMISSIONED WITH GOOD INSTALLATION PRACTICE AND AS PER THE DESIGN SPECIFICATION.

VENT-AXIA CANNOT GUARANTEE SYSTEM COMPLIANCE IF ALTERNATIVE DESIGN IS USED OR INSTALLED BY OTHERS. THE COMMISSIONED SYSTEM MUST COMPLY WITH THE LATEST EDITION I.E. BS7671 WIRING REGULATIONS.

VENT-AXIA WILL NOT BE RESPONSIBLE FOR CONSEQUENCES OUTSIDE OUR CONTROL, CAUSED BY THE SYSTEM INSTALLATION E.G. PROPERTY ACOUSTICS, STRUCTURAL INTEGRITY ETC.

THIS DESIGN PROPOSAL HAS BEEN PRODUCED IN GOOD FAITH BUT IS SUBJECT TO APPROVAL BY THE PROJECT CLIENT.

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 VENT-AXIA.

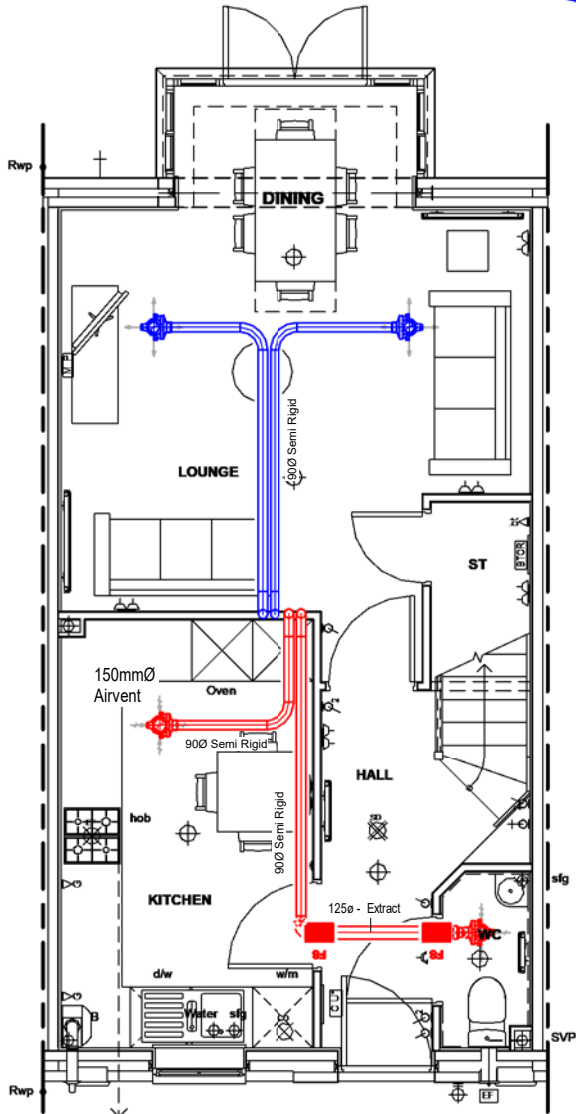
UNIT IS TO RUN AT CONTINUOUS TRICKLE WITH BOOST BEING ACTIVATED VIA A TRICKLE / BOOST CONTROLLER AND LOCAL BOOST SWITCHES (EG LIGHTS) IN ALL WET ROOMS. IF SWITCHING VIA LIGHTS, DOUBLE POLE SWITCHED OR RELAYS (E.G. VA 44303) WILL BE REQUIRED. LOCAL SWITCHING NOT SPECIFICALLY REQUIRED FOR INTEGRAL HUMIDISTAT UNITS.

EVALUATE AND INTAKE DUCTING TO AND FROM ATMOSPHERE AND ALL DUCTING IN COLD ROOF SPACE TO BE DUCTED VIA FULLY INSULATED RIGID PLASTIC DUCTING TO EXTERNAL TERMINATIONS (INSTALLED BY OTHER).

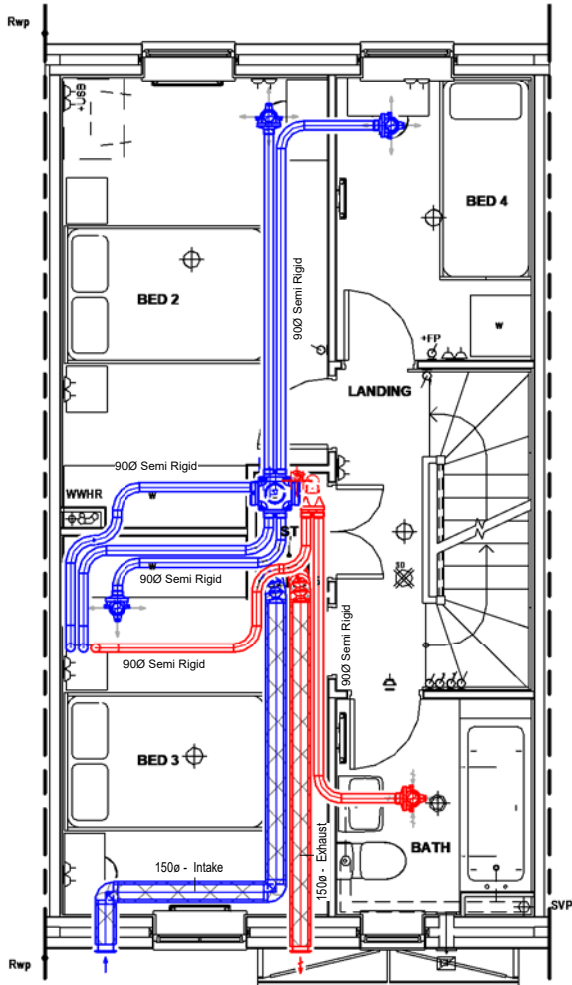
ALL VENTILATION UNITS MUST BE INSTALLED IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE AND IN CONJUNCTION WITH THE RELEVANT INSTALLATION INSTRUCTIONS.

THE DESIGN ASSUMES THAT THE CEILING VOIDS ARE SUFFICIENT TO ACCOMMODATE THE DUCTING.

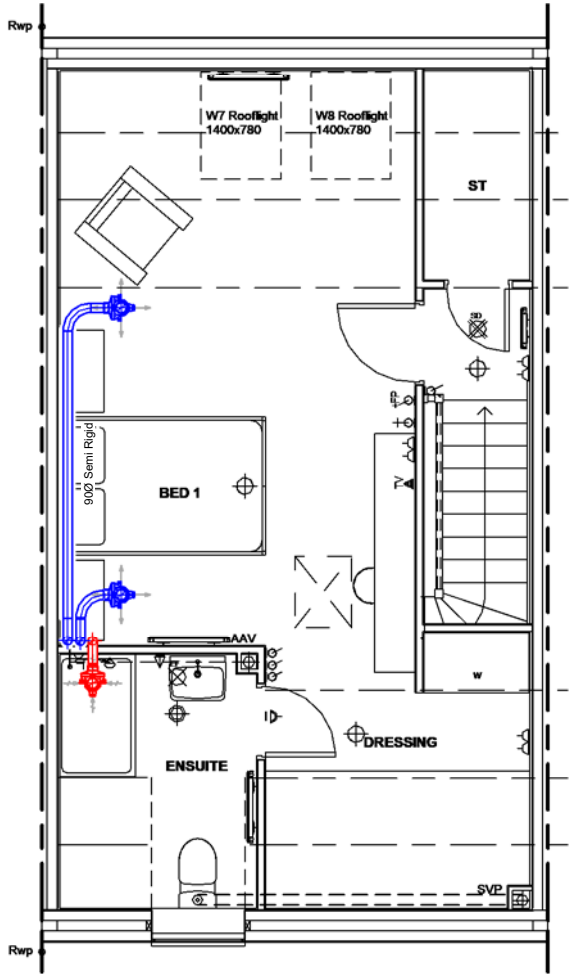
IF NOT USING VENT-AXIA EXTERNAL TERMINATIONS THE FREE AREA MUST BE MIN. 11,000mm² FOR THE KINETIC PLUS OR THE INTEGRA PLUS, 10,880mm² FOR ANY OTHER SYSTEM AT THE TERMINALS TIGHTEST POINT.



Ground Floor



First Floor



Second Floor

LEGEND	
	Extract diffuser 125mmø (150ø in kitchen only)
	Supply diffuser 125mm ø
	90mmØ Semi Rigid in Ceiling to airvents 125 / 150mm ø Rigid Duct (Pre-insulated to / from Exterior)
	Sentinel Kinetic Plus Heat Recovery Unit (LH) Ref 443028L

B	24.11.22	AH	Requested Revs, Add Acoustic Flex Attn, split dining vents
A	24.10.22	AH	Kinetic Plus, Semi Rigid in ceilings
Rev	Date	By	Description

Vent-Axia

New Build Residential

Fleming Way, Crawley West
Sussex
Tel. +44(0)1293 441520
Fax. +44 (0)1293 539209

Project
B16_WOODCOTE (MVHR)

Drawing
BWO0_00CI

Date 24.10.22	Scale 1 : 75 @A3	Design AH
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Drawing No. CAS 15045 _02	Rev B
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