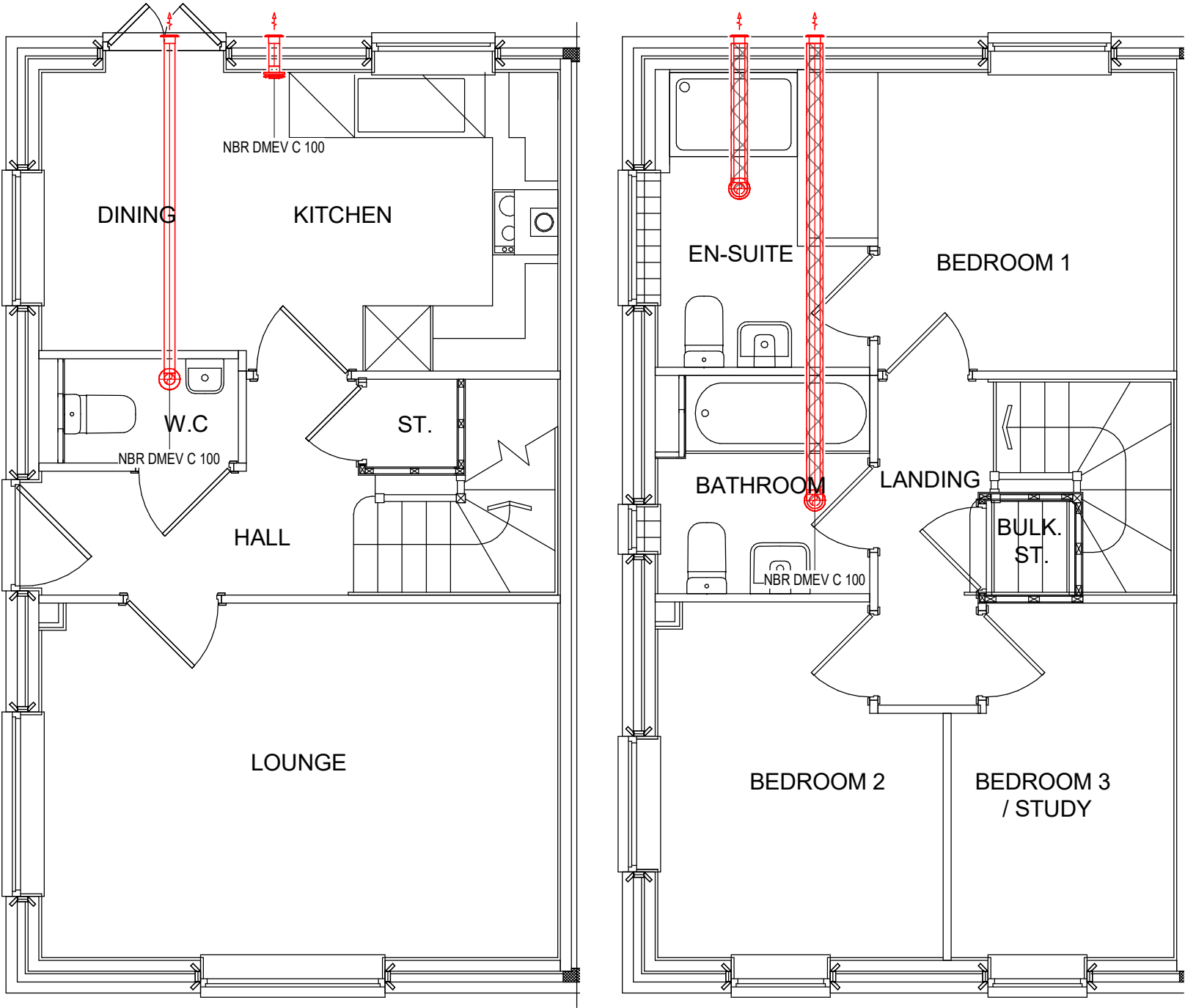




807 LYTTTELTON BYRON ISSUE 6			
Dwelling Details			I/s
Whole Dwelling Ventilation Rate			
Floor Area (m²)	76.73	Default	31
Bedrooms	3	0.3l/s per m²	23.0
		Minimum Continuous Rates	31
Extract	High Rates I/s	Extract	Continuous Rates I/s
Kitchen	15.0	Kitchen	10.0
WC	12.0	WC	8.0
Bathroom	9.0	Bathroom	6.0
En-Suite 1	9.0	En-Suite 1	6.0
Total Airflow	45.0	Total Airflow	30.0
Minimum flow rates to Doc F Building Regs 2021 Edition) Continuous rate as per Part F 2021 edition. The fan High rate will be pre-programmed at 50% more of the continuous rate. Minimum background ventilators per habitable room 4000mm² - No background ventilators in wetrooms			

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 442030) WILL BE REQUIRED. LOCAL SWITCHING NOT SPECIFICALLY REQUIRED FOR INTEGRAL HUMIDISTAT UNITS.

ALL DUCTING IN COLD ROOF SPACE, AND ALL MVHR DUCTING TO AND FROM ATMOSPHERE MUST ALWAYS BE FULLY INSULATED.

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 THERE IS SUFFICIENT SPACE TO ACCOMMODATE THE DUCTING AS SHOWN.

IF NOT USING VENT-AXIA EXTERNAL TERMINATIONS THE FREE AREA MUST BE MIN. 14,000mm² FOR 150mmØ / 220x90mm OR 10,080mm² FOR 125mmØ / 204x60mm DUCTING AT THE TERMINALS TIGHTEST POINT.

LEGEND	
	100mm Round Ducting
	NBR dMEV C 100mm
	204x60mm Low Resistance Single Airbrick (Colour to be Confirmed by Others)
	100mm ø Louvre Grille (Colour to be Confirmed by Others)

Rev	Date	By	Description
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Vent-Axia
New Build Residential

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

Project
Bloor Standard House
Types
Drawing
807_LYTTTELTON_BYRON Left

Date 14.06.23 Scale 1 : 50 @A3 Design KT

Drawing No. CAS 13841 _49	Rev
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807 LYTTELTON BYRON ISSUE 6			
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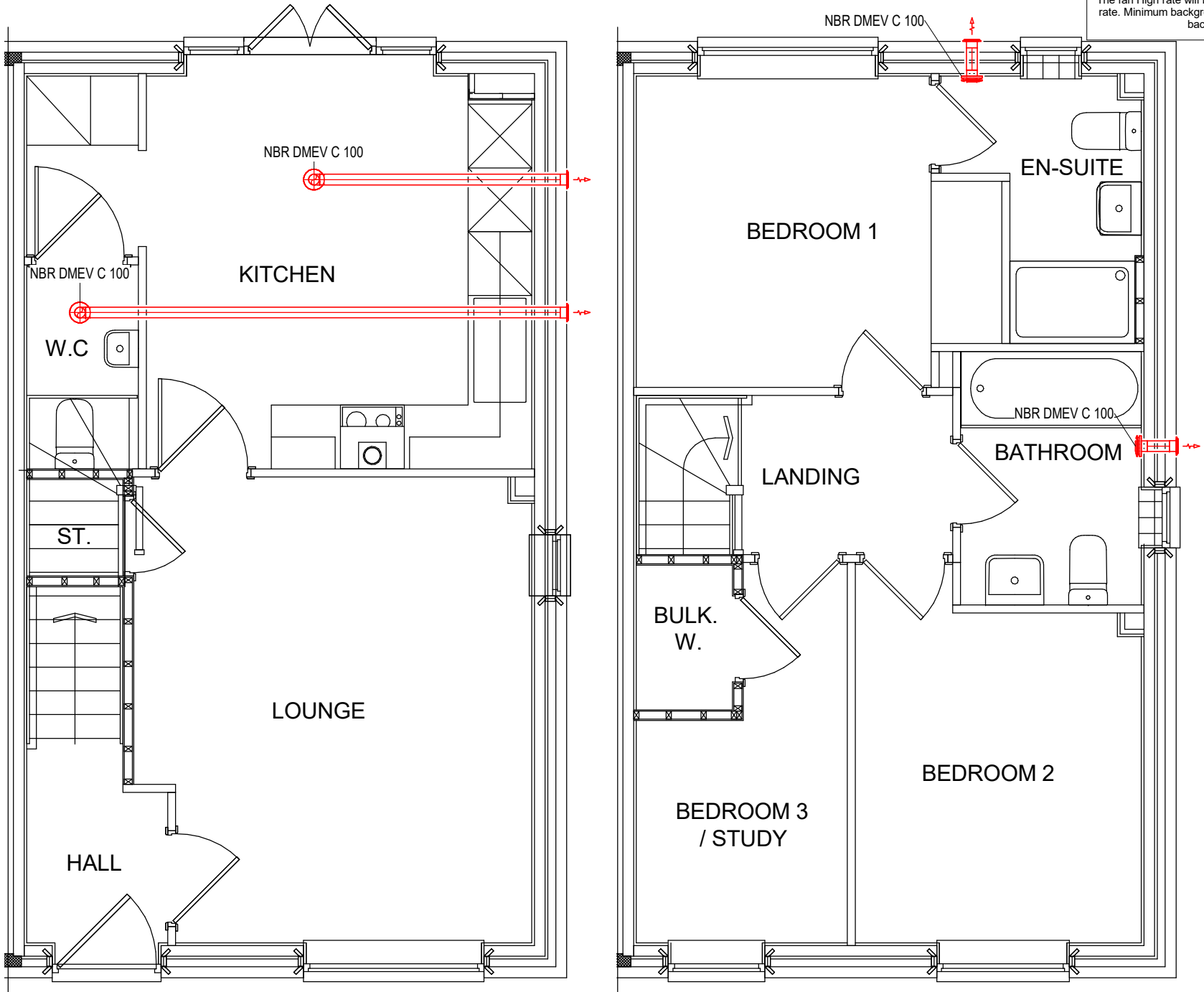
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Rev	Date	By	Description
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Vent-Axia

New Build Residential

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Tel. +44(0)1293 441520
Fax. +44 (0)1293 539209

Project
Bloor Standard House
Types
Drawing
807_LYTTELTON_BYRON
Right
14.06.23
Scale
1 : 50 @A3
Design
KT

Drawing No. CAS 13841 _48	Rev
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