

NOTES

THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE 2010 BUILDING REGULATIONS PART F -MEANS OF VENTILATION.

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 THE 17th EDITION IEE BS7671 PART 7 (ADDITIONAL WORKS).

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 SERVICE VENT VENTILATION SPECIALISTS.

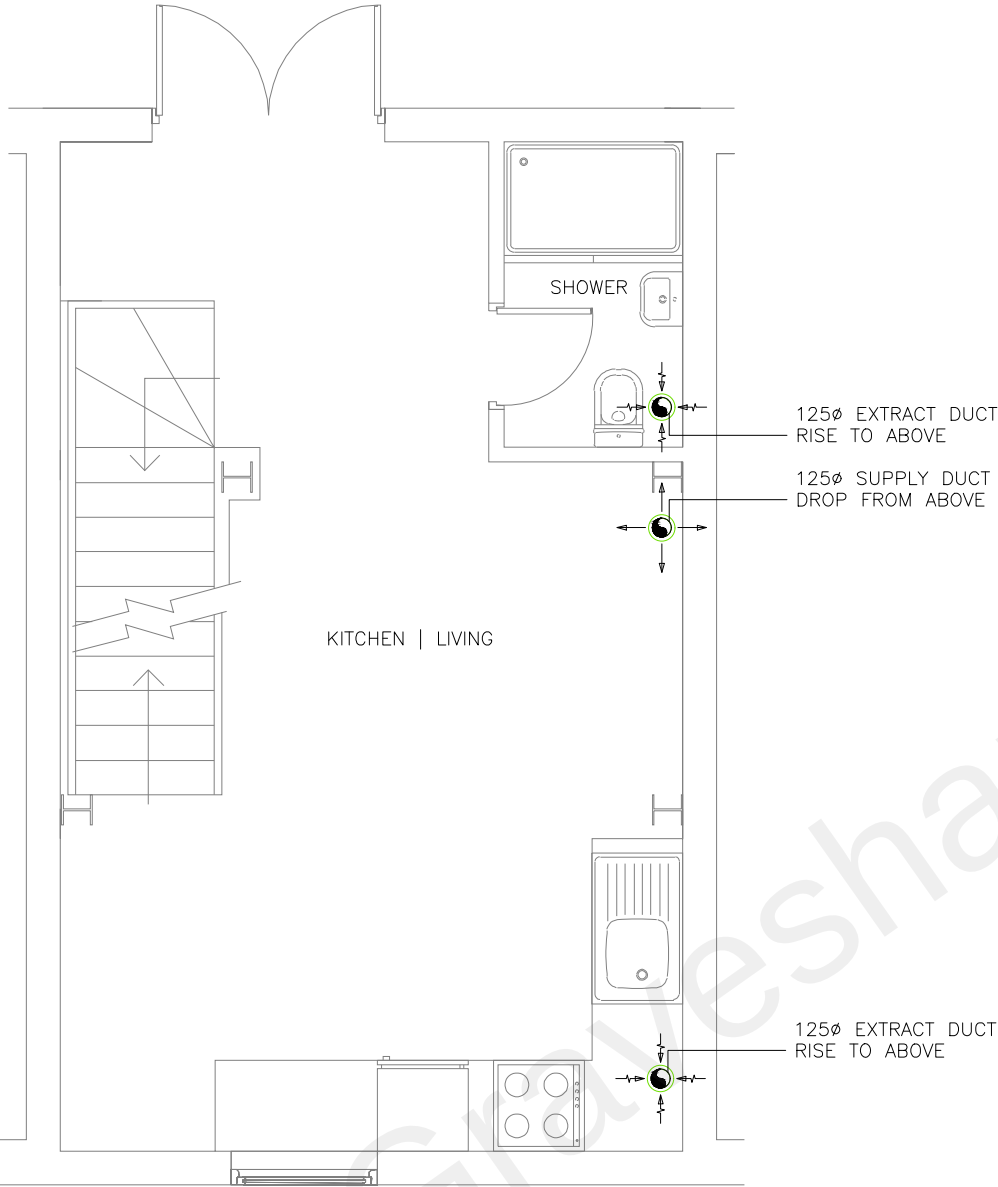
- LEGEND
- Stale/Moist Air Extract - RED DUCT
Pre-Warmed Fresh Air Supply -BLUE DUCT
1. VENT-AXIA SENTINEL KINETIC FH MVHR UNIT VERTICALLY MOUNTED WITHIN THE STORE AS INDICATED ON THE DRAWING.
 2. UNIT IS TO RUN AT CONTINUOUS TRICKLE WITH BOOST BEING ACTIVATED VIA A WIRELESS CONTROLLER AND INTEGRAL HUMIDISTAT.
 3. THE SYSTEM UTILISES 125mmØ AND 204x60mm RIGID PLASTIC DUCTING INTERCONNECTING TO 125mmØ CEILING MOUNTED ADJUSTABLE DIFFUSERS. FINAL CONNECTION TO THE UNIT AND DIFFUSERS TO BE VIA FLEXIBLE DUCTING (UNIT=INSULATED, EXTRACT DIFFUSER=PVC, SUPPLY DIFFUSER=ACOUSTIC).
 4. EXHAUST AND INTAKE DUCTING TO AND FROM ATMOSPHERE IS TO BE DUCTED VIA 125mmØ PRE-INSULATED RIGID PLASTIC DUCTING TO EXTERNAL ROOF VENT TERMINATIONS. FINAL POSITION TO BE ESTABLISHED ON SITE. TERMINALS TO HAVE A MINIMUM SEPARATION DISTANCE OF ONE METRE.
 5. THE UNIT REQUIRES A CONDENSATE DRAIN TO RUN TO THE NEAREST INTERNAL WASTE SYSTEM.
 6. THE DESIGN ASSUMES THE CEILING VOIDS ARE SUFFICIENT TO ACCOMMODATE THE DUCTING.

A	27.09.16	GR	Duct layout revised as no access to ground floor ceiling voids
ORIG	19.09.16	GR	Drawing issued for approval
Ref	Date	Dgn	Details

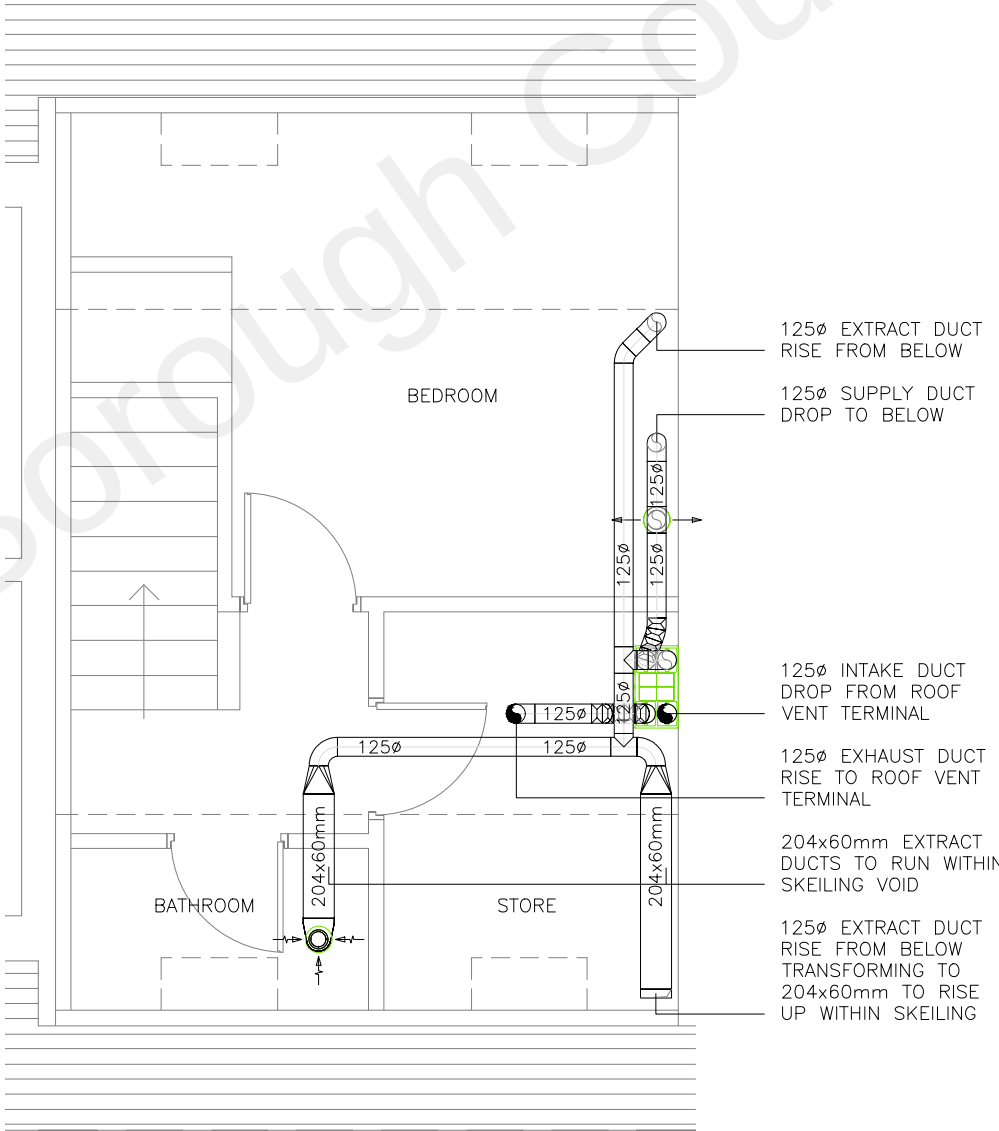
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Drawing
MVHR Ventilation Layout

Drawn	Scale	Date
GR	1:50@A3	19.09.16
Drawing No.	Sheet No.	Revision
SV3198-01	1	A



GROUND FLOOR PLAN



FIRST FLOOR PLAN

SCALE BAR 1:50

