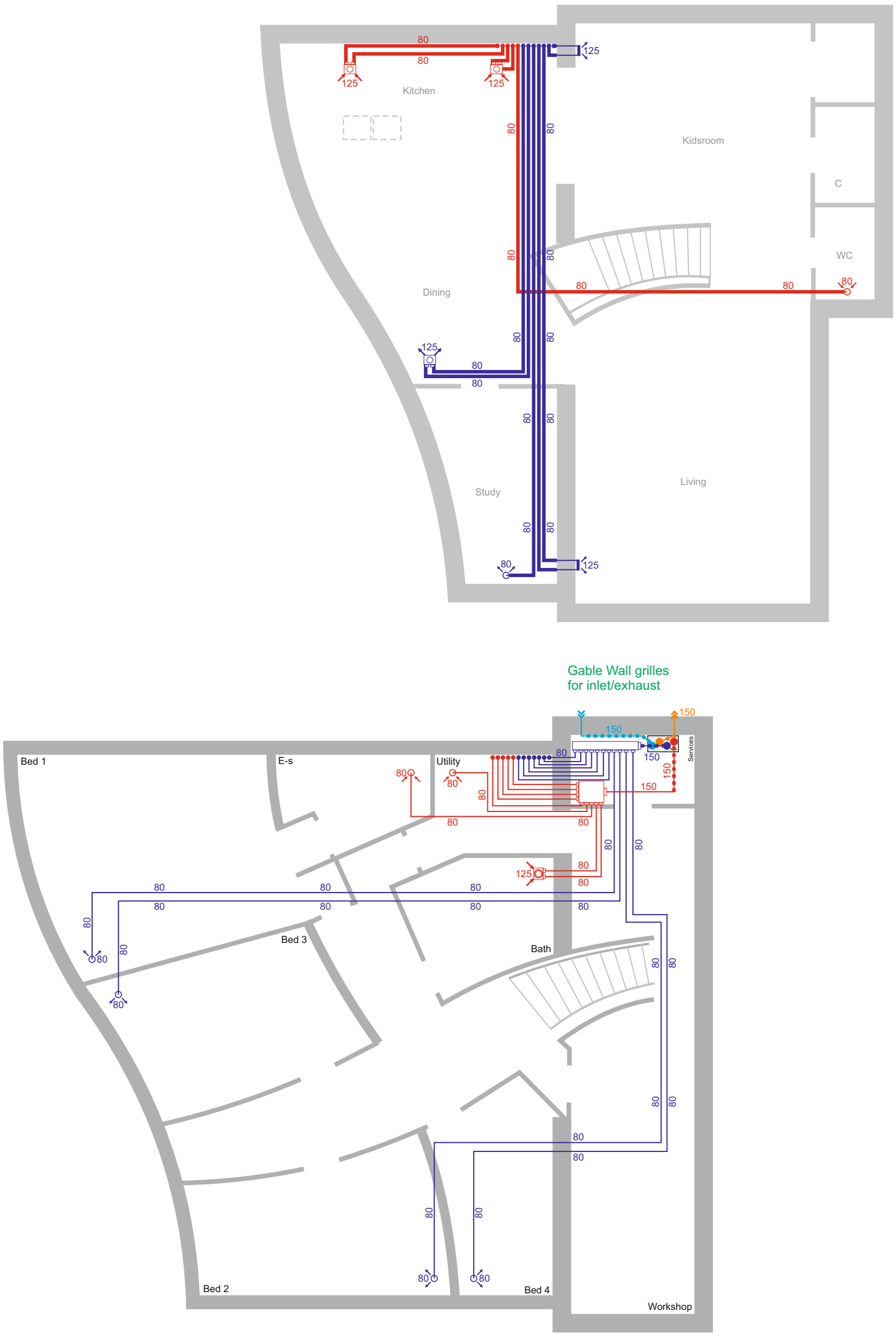

Legend

- Exhaust Out
- Fresh Air In
- Extract Duct
- Supply Duct
- Acoustically Insulated Duct
- Thermally Insulated Duct
- Rigid Spiral Duct
- Insulated Spiral Duct
- Rectangular PVC Duct
- Duct Risers
- Ceiling Mounted Grille
- Wall Mounted Grille
- Reducer
- Fire Damper
- Volume Control Damper
- Zone Valve
- Loft Mounted Air Unit
- Wall Mounted Air Unit

Rega Ventilation Ltd
21/22 Eldon Way
Biggleswade
SG18 8NH

Job Number: 1213181
Daniel Bryars
Apple Brook House, Horseshoe Lane
Postcode: OX7 3NB

Scale 1:100 @ A3

RegaVent 300R HRV System
(Wall mounted air unit)

180518 R1 SC

Design Criteria
A: Warm Roof Construction.
B: Rectangular 200 x 60 ducts to be concealed within floor insulation layer.
C: Circular/Rectangular risers to be boxed into corner of rooms.
D: Gable wall vents for inlet/exhaust at ground floor level.

Site Requirements by Others
Cabling:
Power Supply - 240v - 13 amp fused electrical socket to location of central air unit.
Controls - 10v - 4 core cable to be run to the proposed location of the Summer/Winter and boost switch.

Drainage
A suitable 22mm drain point with U bend giving 60mm depth of water will be required adjacent to the air unit to take the condensate from the heat exchanger.

Roof Terminals
When applicable roof terminals are included in the quotation but will be fitted by the roofing contractor.

Fire Dampers
As Fire Dampers are not normally required for domestic MVHR systems they are not included in our quotation. They may be required if ducts pass through a fire resistant wall or protected stair well. You may wish to consult your local Building Control to ensure compliance to Part B of the Building Regulations.

Air Circulation
In accordance with Building Regulation F all internal doors should have an undercut of 10mmm above the floor finish or 20mm above the floor surface if the finish is not fitted