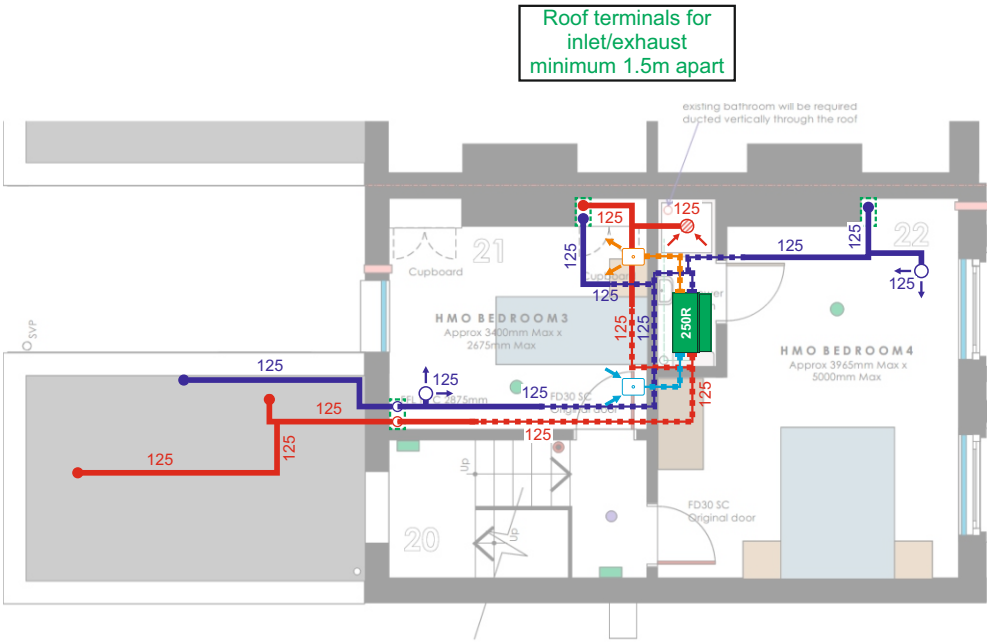
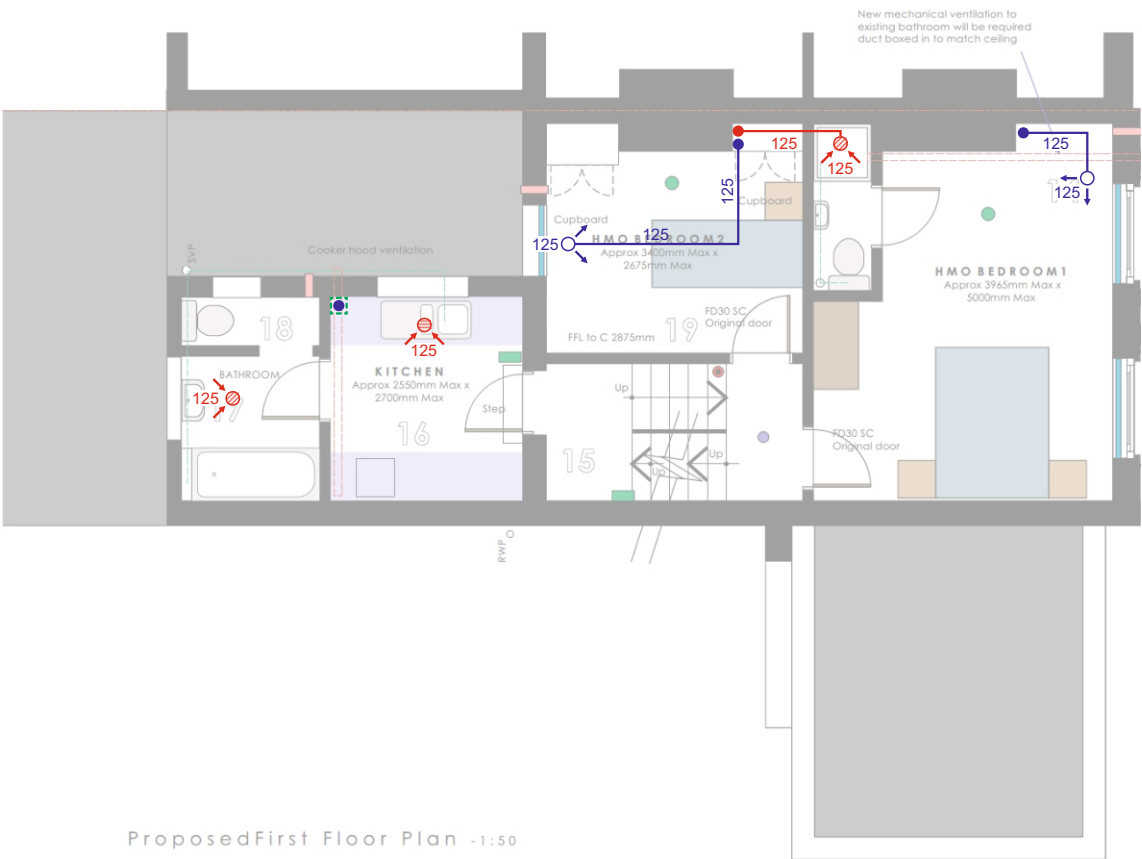
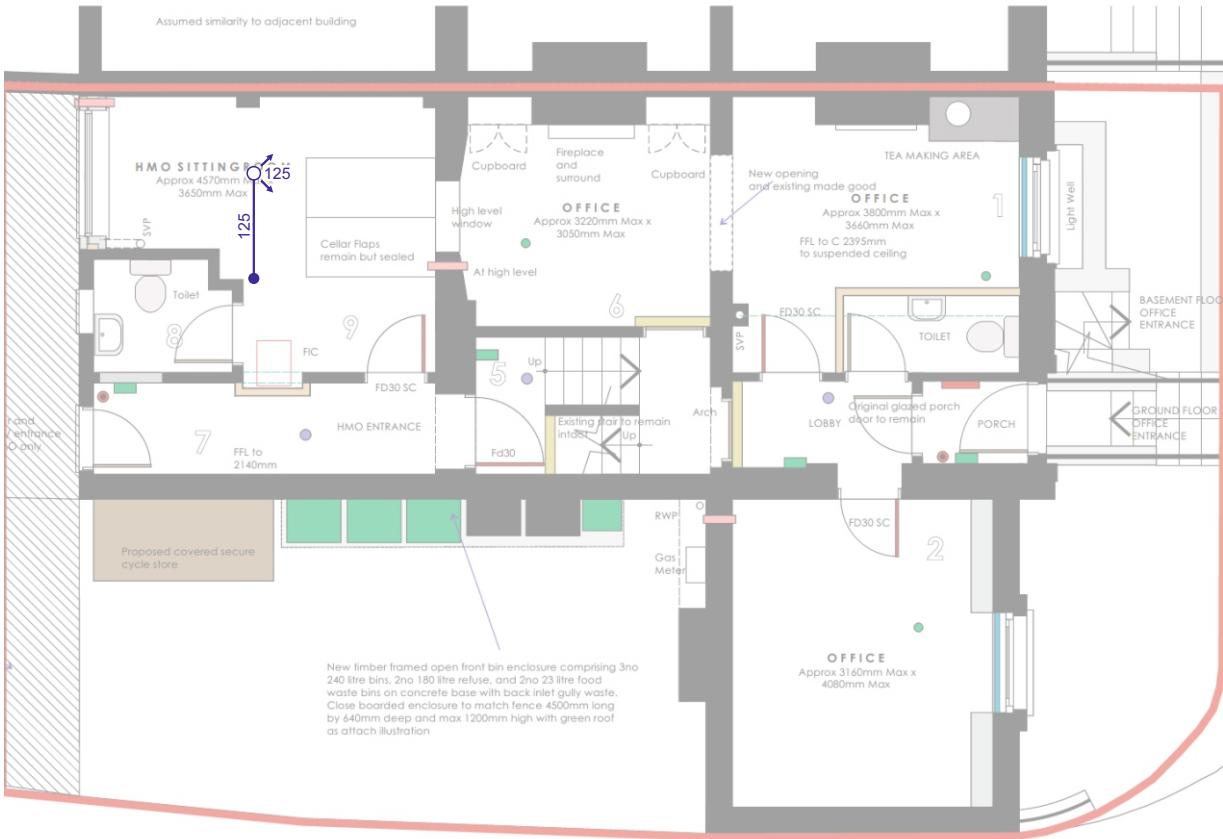




Proposed Second Floor Plan -1:50



Proposed First Floor Plan -1:50



Tel: 01767 600499
Address: 21-22 Eldon Way, Biggleswade.
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Scale 1:100 @ A3 Job Ref: 5898253

Project

Ward Associates

38 Windmill Street,
Gravesend,
Kent,
DA12 1BA

Build Criteria

A: Existing
B: Cold Roof Construction
C: Minimum 150mm Suspended Ceiling Void

Cold Roof

We have assumed that the roof space will be insulated at ceiling level giving “cold roof” construction. For this reason the ducts in the loft space will be insulated. If the roof is “warm” only acoustically insulated duct will be required. The inlet and exhaust connections to outside will be insulated.

Additional Info

- Acoustic duct connections to prevent noise entry from outside or travel of fan noise through the duct system.
- External connections a minimum of 1.5m apart.
- Fire dampers will be required if any ducts pass through a fire break. Please check if there are any fire breaks we are breaching so we can add these as necessary. If in doubt, consult your local Building Control to ensure compliance to Part B of the Building Regulations.

Legend

- | | |
|---------------|--------------------|
| Fresh Air In | Supply To Rooms |
| Stale Air Out | Extract From Rooms |

Ducts

- Semi Rigid Duct
- Rigid Spiral Duct
- Rectangular Duct
- Duct Below Floor

Insulated Ducts

- Semi Rigid Duct
- Rigid Spiral Duct
- Rectangular Duct
- Acoustic Duct

Intake Grilles

- Roof Terminal
- Wall Grille

Exhaust Grilles

- Roof Terminal
- Wall Grille

Rectangular Components

- Rectangular to round
- Horizontal Bend
- Tee

- Elbow
- Vertical Bend
- Reducer

Vertical Ducts

- Circular Drop/Rise
- Rectangular Drop/Rise

Internal Grilles

- | | |
|-------------------------|------------------------|
| Ceiling Mounted Extract | Ceiling Mounted Supply |
| Fire Rated | Wall Mounted |

Components

- | | |
|---------------|-----------------------|
| Reducer | Volume Control Damper |
| Fire Damper | Zone Valve |
| Unit Controls | |

MVHR Units

- | | | | |
|------|--------------|--------|--------------|
| 250R | Loft Mounted | 250R L | Wall Mounted |
|------|--------------|--------|--------------|

By Others

- | | |
|-----------------|---------------|
| Structural Beam | Hole In Beam |
| Strongback | Enclosed Duct |

Rev	Date	By	Notes
-	28/04/25	MC	PROVISIONAL ISSUE