

Architectural cross-section drawing of a house. The drawing shows the internal layout and structural details. Key areas labeled include:

- ROOF VOID**: The space above the roofline.
- BEDROOM 1** and **BEDROOM 2**: The upper floor bedrooms.
- LIVING ROOM**: The ground floor area on the left, featuring a fireplace.
- KITCHEN/DINER**: The ground floor area on the right, featuring a large arched opening.
- Chimney**: A central chimney structure passing through the roof.
- Structural Annotations**:
 - Wall plate bolted and resin fixed to wall. Structural engineer to size wall plate and restraint straps, if required.
 - Structural engineer to confirm size of steels and required width of piers to remain.
 - Reduce width of chimney breast.
 - Aluminium double glazed bi folding doors.
 - 100mm concrete slab w. 25mm insulation upstand.
 - 75mm cavity insulation.
 - 100mm Kingspan Kooltherm K3 insulation.
 - 150mm min. compacted hardcore.
 - 1200 gauge DPM overlaps min 150mm taped and sealed. Lapped under DPC.

Architectural floor plan showing the layout of a house with a red dashed line indicating the A-A Section. The plan includes a Garden, Flat Roof, Courtyard area, and rooms: Bedroom 1, Bedroom 2, Bathroom, Landing, Ensuite, and Bedroom 4. Dimensions and annotations are provided for various areas.

Key features and dimensions:

- Garden:** Located at the top of the plan.
- Flat Roof:** Located above the Garden.
- Courtyard area:** Located to the right of the main house.
- Bedroom 2:** Dimensions: 2240mm (width), 1170mm (depth).
- Bathroom:** Dimensions: 1750mm (width), 1170mm (depth).
- Landing:** Dimensions: 2300mm (width), 1170mm (depth).
- Bedroom 1:** Dimensions: 2240mm (width), 1170mm (depth).
- Ensuite:** Dimensions: 2300mm (width), 1170mm (depth).
- Bedroom 4:** Dimensions: 2300mm (width), 1170mm (depth).
- Annotations:**
 - "WALK IN WARDROBE" in Bedroom 1.
 - "Corridor created for future access into roof space" near Bedroom 4.
 - "Bedroom 3 changes in Bedroom 1 ensuite bathroom".
 - "SVP stack likely to run through bedroom 4".
 - "Replace window or install solar film to glazing internally" near Bedroom 4.

The diagram is a detailed architectural floor plan of a house, showing a proposed new extension and various structural and spatial annotations. The plan includes the following elements and labels:

- NEW EXTENSION:** A rectangular area at the top left, separated from the main house by a dashed line. It features a "Bi-folding doors" and a "DWP" (Drinking Water Point) symbol. A red dashed line labeled "A-A Section" runs through it.
- GARDEN:** Located at the top of the plan, above the new extension.
- WC:** A toilet room located between the new extension and the garage, containing a toilet fixture and a "DWP" symbol.
- GARAGE:** A large room on the right side of the plan.
- Courtyard area:** A small outdoor space between the garage and the main house.
- KITCHEN/ DINER:** A large room on the left side of the main house, with a note to "Reduce width of chimney breast".
- UTILITY:** A room located between the kitchen/diner and the living room, containing a staircase.
- LIVING ROOM:** A large room at the bottom left of the main house.
- HAL:** A hallway located between the living room and the utility room.
- First floor rear elevation line:** A horizontal dashed line indicating the boundary between the first and second floors.
- Under pass:** Two locations are marked with curved lines, one between the utility room and the living room, and another between the living room and the garage.
- Block up windows and increase width of entrance area:** A note pointing to a window in the living room.
- Dimensions:** Several dimensions are noted: "450mm" for the width of the new extension, "450mm" for the width of the utility room, and "1000mm" for the width of the entrance area.
- Structural engineer to confirm size of walls and relayed width of piers to garden:** A note pointing to the wall between the new extension and the main house.

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| Client | | | |
| Mr James Whitehead, 41 Longview Drive, Huyton, L36 | | | |
| Project | | | |
| Proposed Refurbishment Works | | | |
| Title | | | |
| Proposed Section | | | |
| Scale @ A2 | | Date | Stage |
| 1:50@A2 | | 06:10:22 | - |
| Job No | | Drawing No | Rev |
| LVD001 | | 004 | - |
| Drawn | | Approved | |