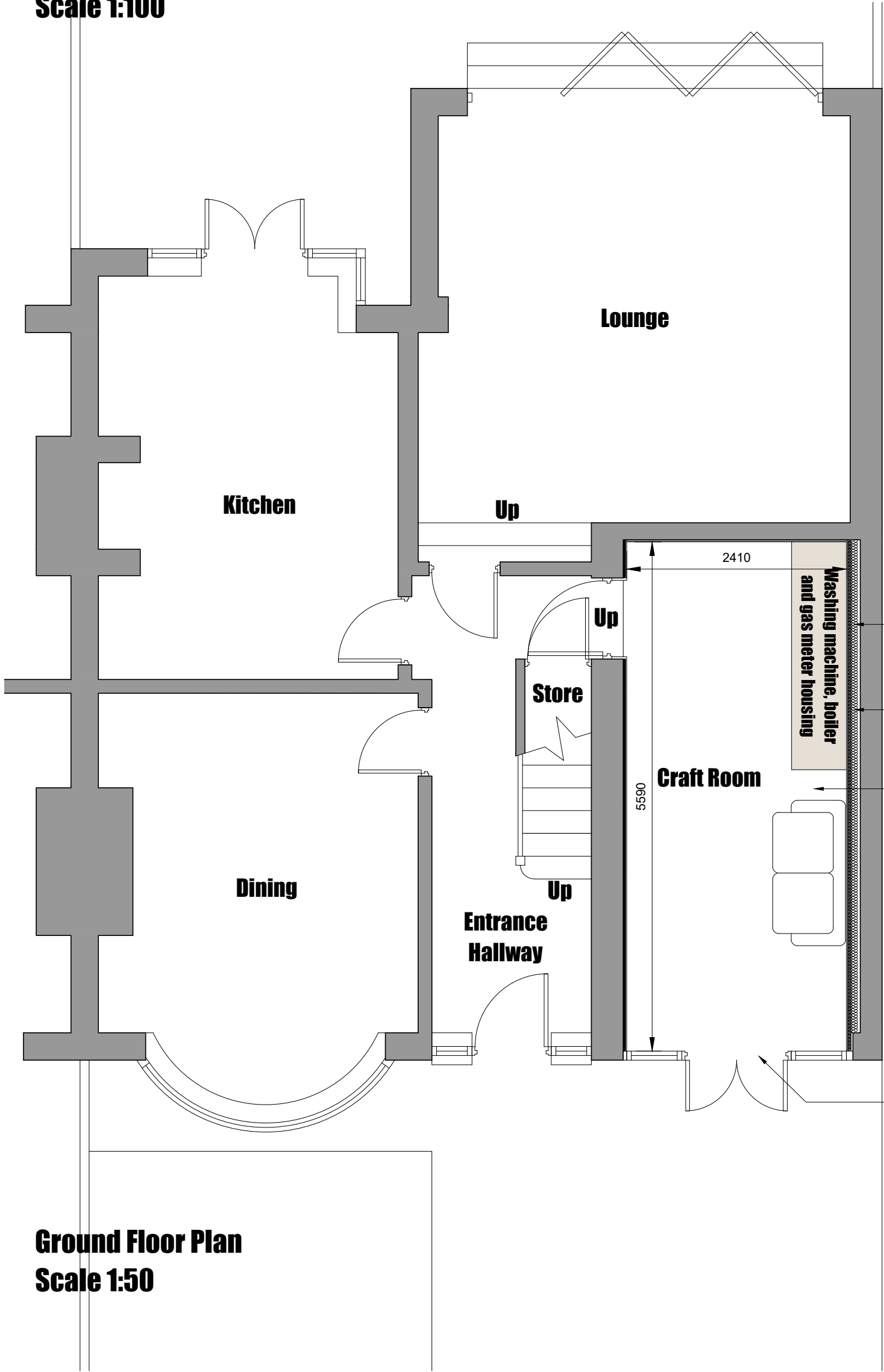




Front Elevation  
Scale 1:100



Ground Floor Plan  
Scale 1:50

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All dimensions and levels to be checked on site. No building work is to be started until all relevant approvals are in place.  
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Standard Building Regs Notes are to be provided by Conway Architectural Design prior to a building regs application being submitted.

- Line external brick walls with the following:
- Breather membrane fixed to existing wall.
  - Build 100x50mm timber stud frame.
  - Fit 75mm Kingspan Kooltherm K112 between studs.
  - Face studs with 52.5mm Kingspan Kooltherm K118 insulated plasterboard.
  - To achieve U-Value of 0.18W/m²K.

Pipework for existing boiler to be hidden behind timber stud framing

- New floor to be the following:
- Visqueen sheet laid on existing concrete floor.
  - 125x50mm C16 timber floor joists, leveled using packers.
  - 125mm Kingspan Thermafloor TF70 insulation between joists.
  - 18mm tongue and groove chipboard floor.
  - If possible, new DPC is to be fitted at new floor level.
  - To achieve U-Value of 0.18W/m²K.

- New cold roof to be the following:
- Existing roof construction (waterproof upper layer and joists) to remain.
  - 80mm Kingspan Kooltherm K107 between roof joists, leaving a 50mm airgap
  - 82.5mm Kingspan Kooltherm K118 insulated plasterboard and skim coat.
  - To achieve U-Value of 0.15W/m²K.

New doors and windows to have a U-Value of 1.4W/m²K.  
Frame to be built out to cover depth of insulated plasterboard in reveal of opening.



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|                 |                          |
|-----------------|--------------------------|
| JOB TITLE :     | Garage Conversion        |
| ADDRESS :       | 24 Home Drive, Alkington |
| DRAWING TITLE : | As Proposed              |
| SCALE :         | 1:50 @ A3                |
| DRAWN : xxx     | DATE : 07.05.24          |