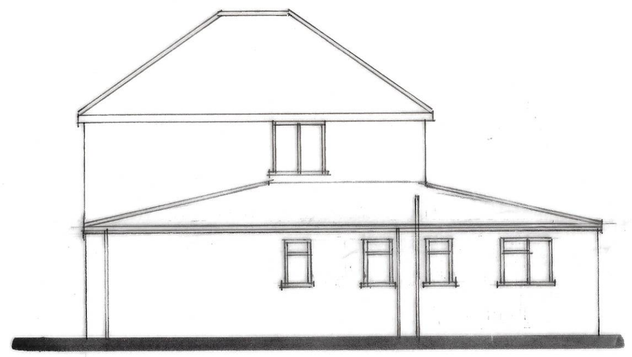
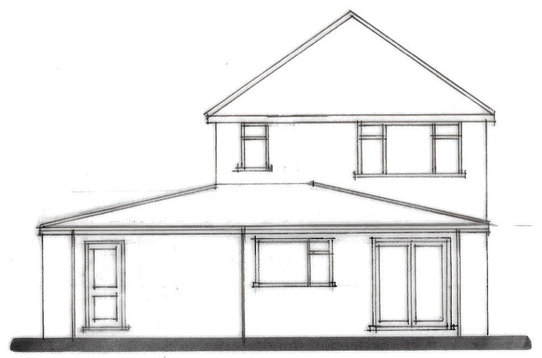


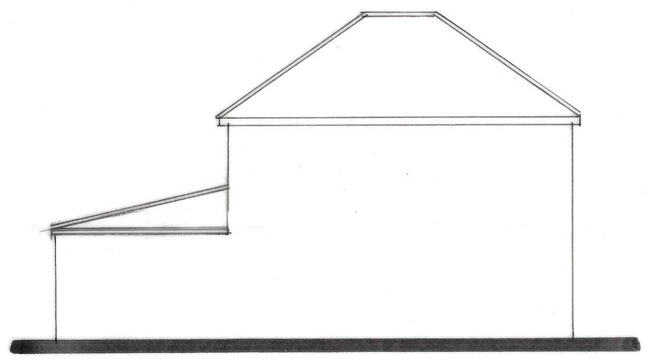
FRONT



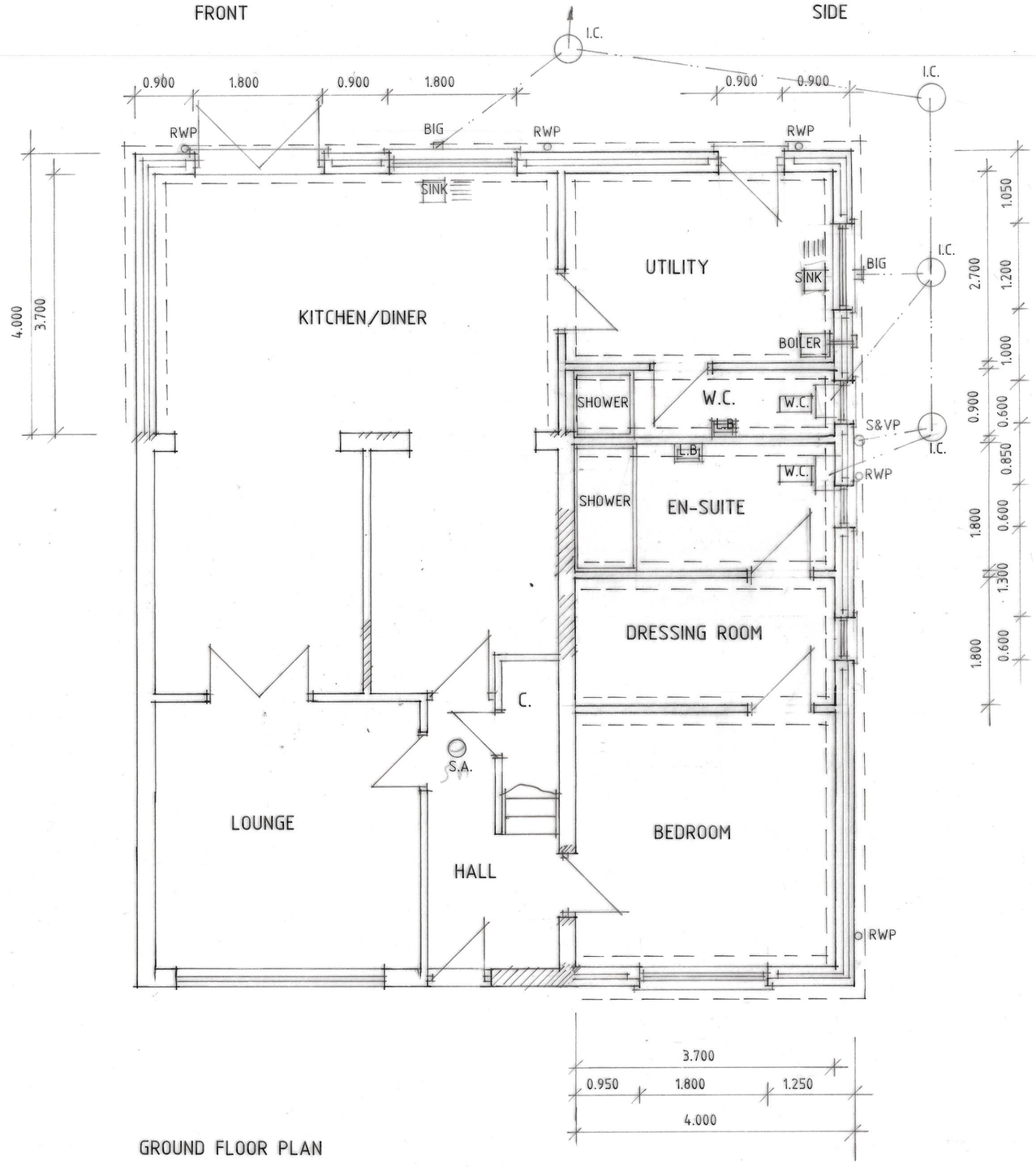
SIDE



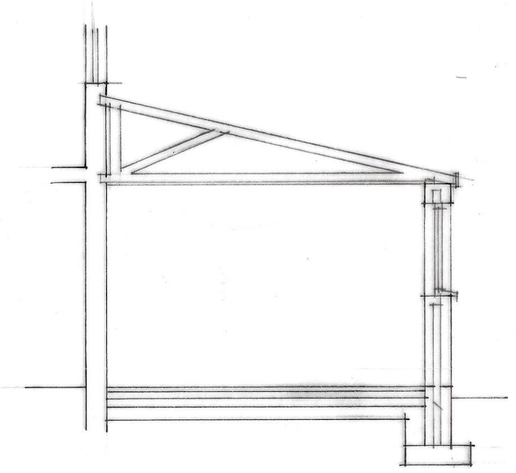
REAR



SIDE



GROUND FLOOR PLAN



SECTION

Build on new extension in the manner shown.

Roof tiles to be Forticrete Centurion Brown roof tiles.

Roof pitch to suit existing first floor windows minimum 10°

Roof Ventilation
At eaves provide proprietary ventilation equivalent to a 10mm continuous gap along eaves.

Roof Insulation
To roof spaces provide proprietary 300mm thick fibreglass insulation laid as 100mm between joists and 200mm across joists or equivalent to achieve a u-value of 0.11W/m²K. Ensure a gap of 50mm between roof underfelt and quilt at all times.

Roof Construction
Roof tiles (see site plan for details) on 38 x 25mm softwood treated timber battens on underfelt to BS747 (Type 1F) lapped 150mm horizontally and 100mm vertically. Prefabricated roof trusses at 600mm c/c and pitch as stated in accordance with BS5268, 1985. Provide 25 x 100mm timber bracing and fix in accordance with truss manufacturers instructions. All trusses and gable ladders (if any) to be strapped to 50 x 100mm timber wallplate, the gable wall at verges and ceiling level with 30 x 5mm mild steel anchor and lateral restraint straps to span minimum 3 no. trusses at a maximum of 1200mm c/c. At strap positions provide pack and noggins to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site. Provide concrete padstones at compound truss supports where required by roof design. Water storage tanks to be installed in accordance with Technical Bulletin No. 41.T.P.A. with timber support members to span 4 no. trusses.

At junction of new roof to existing house wall provide proprietary ventilation system to give 10mm continuous gaps and to be lead flashed to be completely watertight.

D - ALTS - 9.1.23
C - INF. ADDED - 21.1.22
B. - ALTS. - 20.12.21.
A - DESIGN ALTS - 14.12.21.

Status DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED EXTENSION AT
45 DELPH ROAD, LONG SUTTON FOR

MR. & MRS. R. WILKIN.

PLAN AS PROPOSED

1:50 1:100 | SD21-035/2

DEC-21 | B.GILHAM.

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