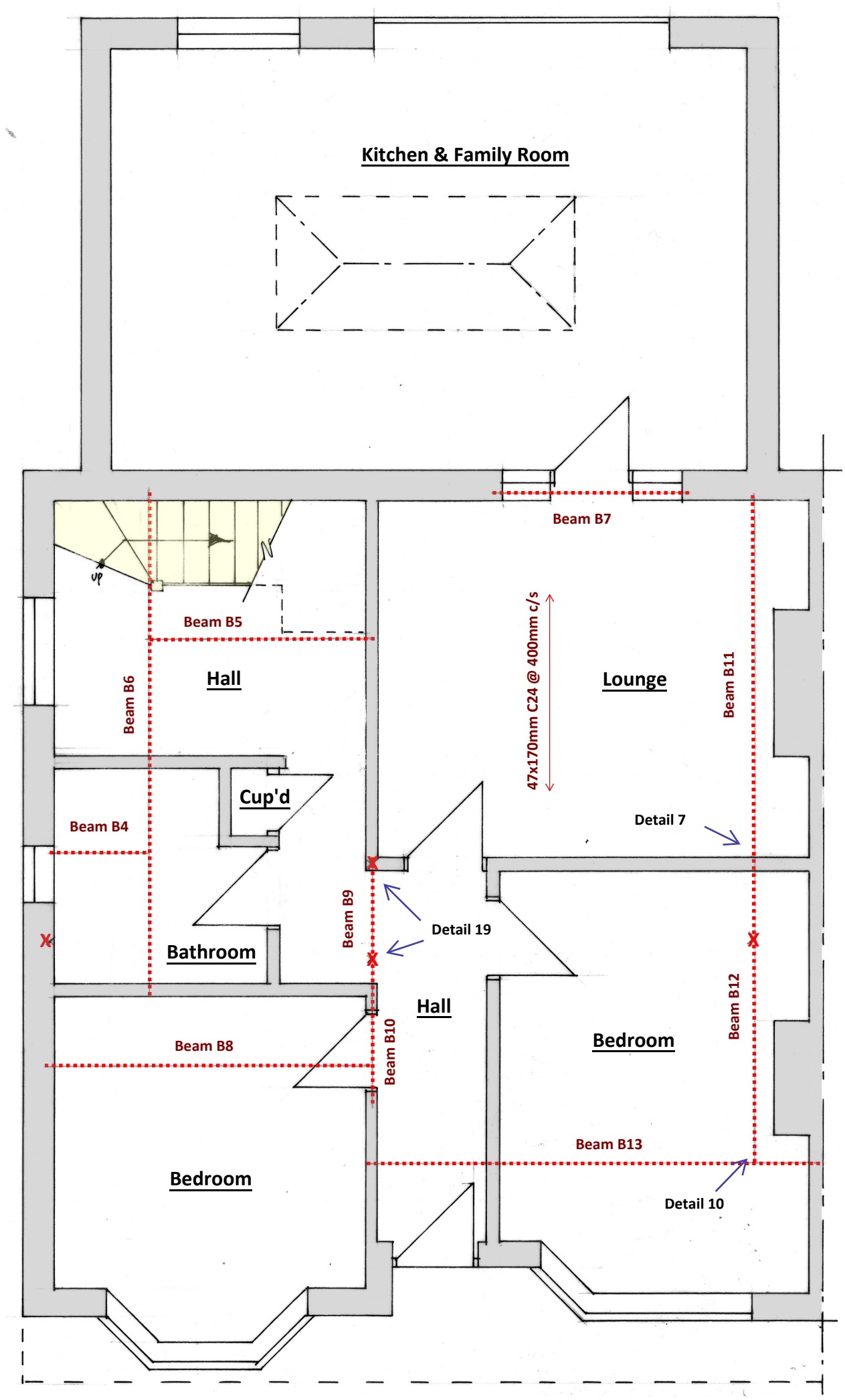
Plan 2 of 7



Floor joists @ 400mm c/s
Use 47 x 170 C24

Beam B4
Use 47 x 120 C24

Beam B5
Use 2no 47 x 170 C24

Beam B6
Use 152 x 152 x 23 UKC S355
Bearing R1: 10 mm S275 bearing plate, size 250 x 100 mm

Beam B7
Use 2no 47 x 170 C24

Beam B8
Use 152 x 89 x 16 UKB S355
Bearing R1: 15 mm S275 bearing plate, size 250 x 100 mm

Beam B9
Use 127 x 76 x 13 UKB S355
Bearing R1: 15 mm S275 bearing plate, size 250 x 100 mm

Beam B10
Use 127 x 76 x 13 UKB S355
Bearing R1: 15 mm S275 bearing plate, size 250 x 100 mm

Beam B11
Use 127 x 76 x 13 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 250 x 100 mm

Beam B12
Use 127 x 76 x 13 UKB S355
Bearing R1: 15 mm S275 bearing plate, size 250 x 100 mm

Beam B13
Use 152 x 152 x 23 UKC S355
Bearing R1: 20 mm S275 bearing plate, size 300 x 100 mm
Bearing R2: 20 mm S275 bearing plate, size 350 x 100 mm

The property owner is required to serve a party structure notice on the adjoining owner as required by The Party Wall etc Act 1996.

If any discrepancies are found with the plans or structural calculations please contact S.Barrett prior to works continuing so amendments can be made before works progress too far.

Take on site measurements before ordering steel beams etc. Do not scale from the plan or use measurements shown in calculations

Proposed Ground Floor Plan 1:50

0 1 2 3 4 5 6 7 8 9 10 1:100

0 1 2 3 4 5 6 7 8 9 10 1:50 @ A3

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Loft conversion

CBuildE chartered building engineer

CLIENT: Mr & Mrs Fielder
DATE: 12.04.2025
DRWG No: BSB/25174/1

A3