

loor joists @ 400mm c/s
Use 47 x 195 C24

Beam B5
Use 2no 47 x 170 C24

Beam B6
Use 152 x 89 x 16 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 225 x 100 mm

Beam B7
Use 2no 47 x 145 C24
Bearing R1: 15 mm S275 bearing plate, size 250 x 100 mm

Beam B8
Use 152 x 89 x 16 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 225 x 100 mm
Bearing R2: 10 mm S275 bearing plate, size 225 x 100 mm

Beam B9
Use 152 x 89 x 16 UKB S355

Beam B10
Use 60 x 60 x 3.0 HF SHS S355 (5.29 kg/m)
Bearing R1: 10 mm S275 bearing plate, size 150 x 100 mm
Bearing R2: 10 mm S275 bearing plate, size 150 x 100 mm

Post P4
Use 94 x 97 C16

Beam B11
Use 2no 47 x 195 C24

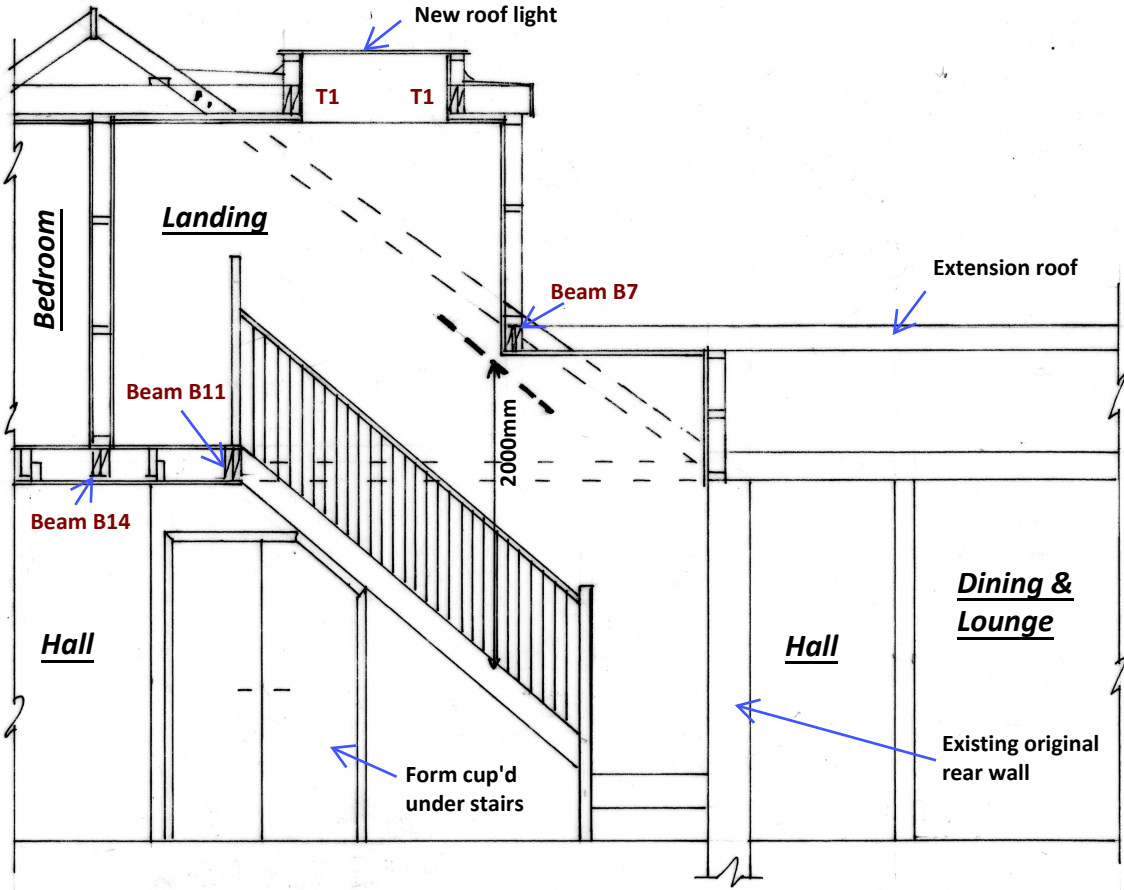
Beam B12
Use 2no 47 x 170 C24

Beam B13 & B15
Use 2no 47 x 170 C24

Beam B14 - cantilevered
Use 2no 47 x 195 C24

Beam B16
Use 178 x 102 x 19 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 225 x 100 mm
Bearing R2: 25 mm S275 bearing plate, size 450 x 100 mm

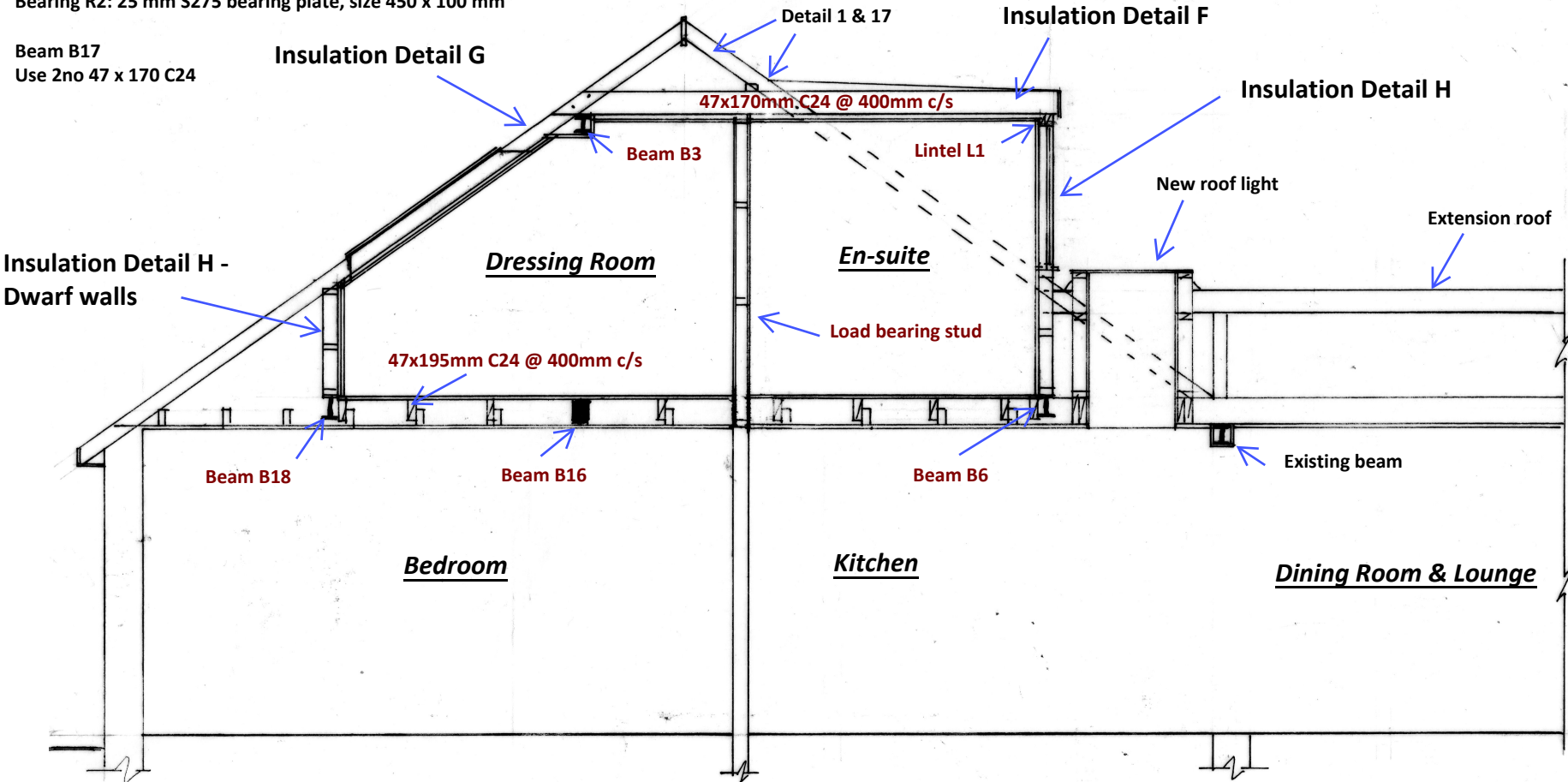
Beam B17
Use 2no 47 x 170 C24



Section through stairs 1:50

Beam B18 & B19
Use 152 x 89 x 16 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 250 x 100 mm
Bearing R2: as R1

Beam B20
Use 60 x 60 x 3.2 HF SHS S355 (5.62 kg/m)
Bearing R1: 10 mm S275 bearing plate, size 200 x 100 mm
Bearing R2: 10 mm S275 bearing plate, size 200 x 100 mm



Section through dressing room and en-suite 1:50

