

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

Due to the fact that not all information is available to confirm 100% that any proposed work is permitted development it is recommended that clients request a certificate of lawfulness is submitted.

Rafters @ 600mm c/s
Use 47 x 195 C24

Alternative rafter spacing @ 300mm c/s
Use 47 x 170 C24

Rafters either side of velux R2
Use 2no 47 x 195 C24

Ceiling joists @ 600mm c/s
Use 47 x 95 C24

Beam B1
Use 203 x 133 x 25 UKB S355
Bearing R2: 15 mm S275 bearing plate, size 225 x 100 mm
End plate splice at 1.60 m.

Post P1
Section: 70 x 70 x 3.2 SHS Grade S355 on 100 x 225 x 15mm base plate

Post P1 Alternative - 3No 47x97mm C24 well spiked together& well restrained within stud wall

Floor joists FJ1 @ 300mm c/s
Use 47 x 220 C24

Floor joists FJ2 @ 600mm c/s
Use 47 x 145 C24

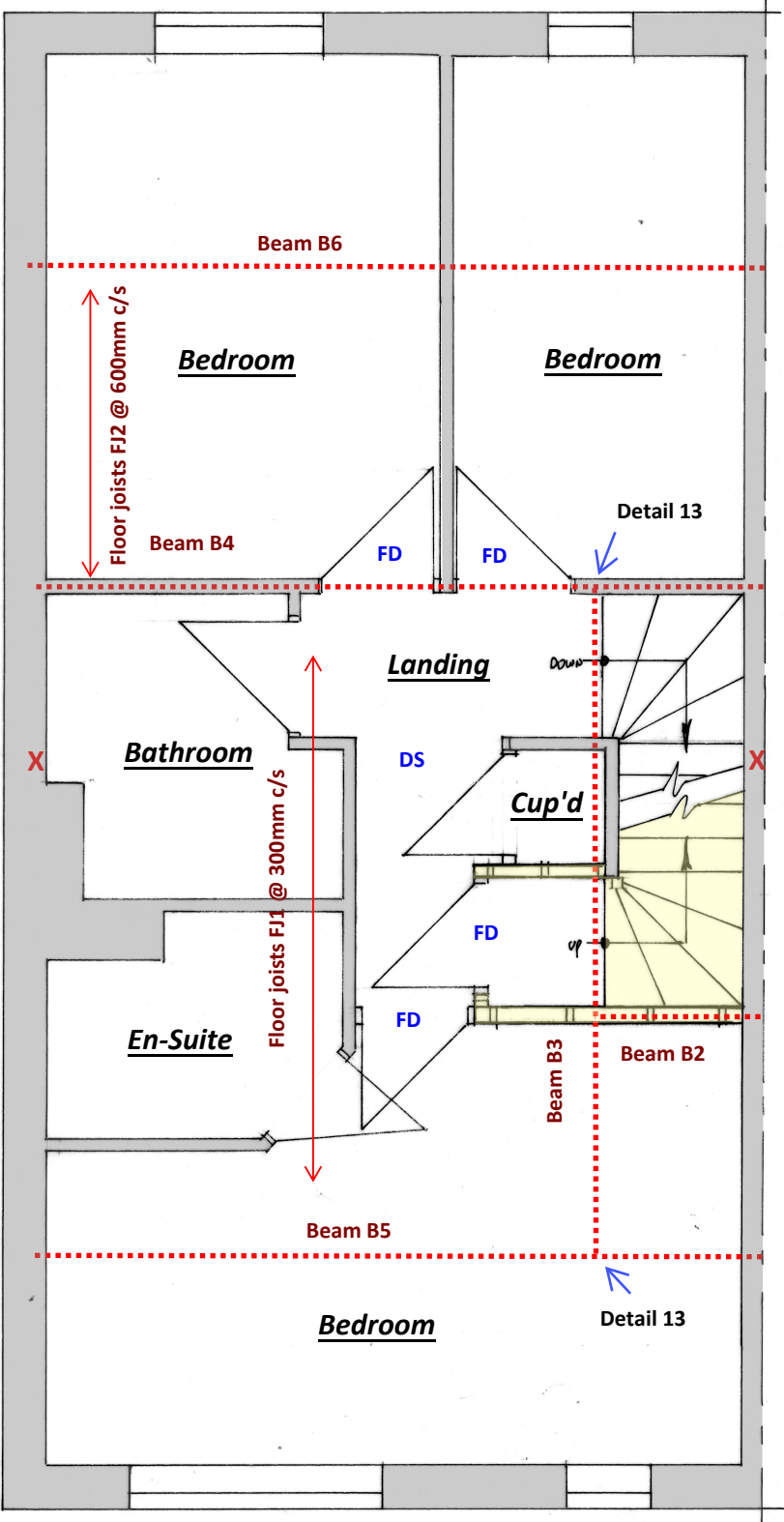
Beam B2
Use 2no 47 x 120 C24

Beam B3
Use 152 x 89 x 16 UKB S355

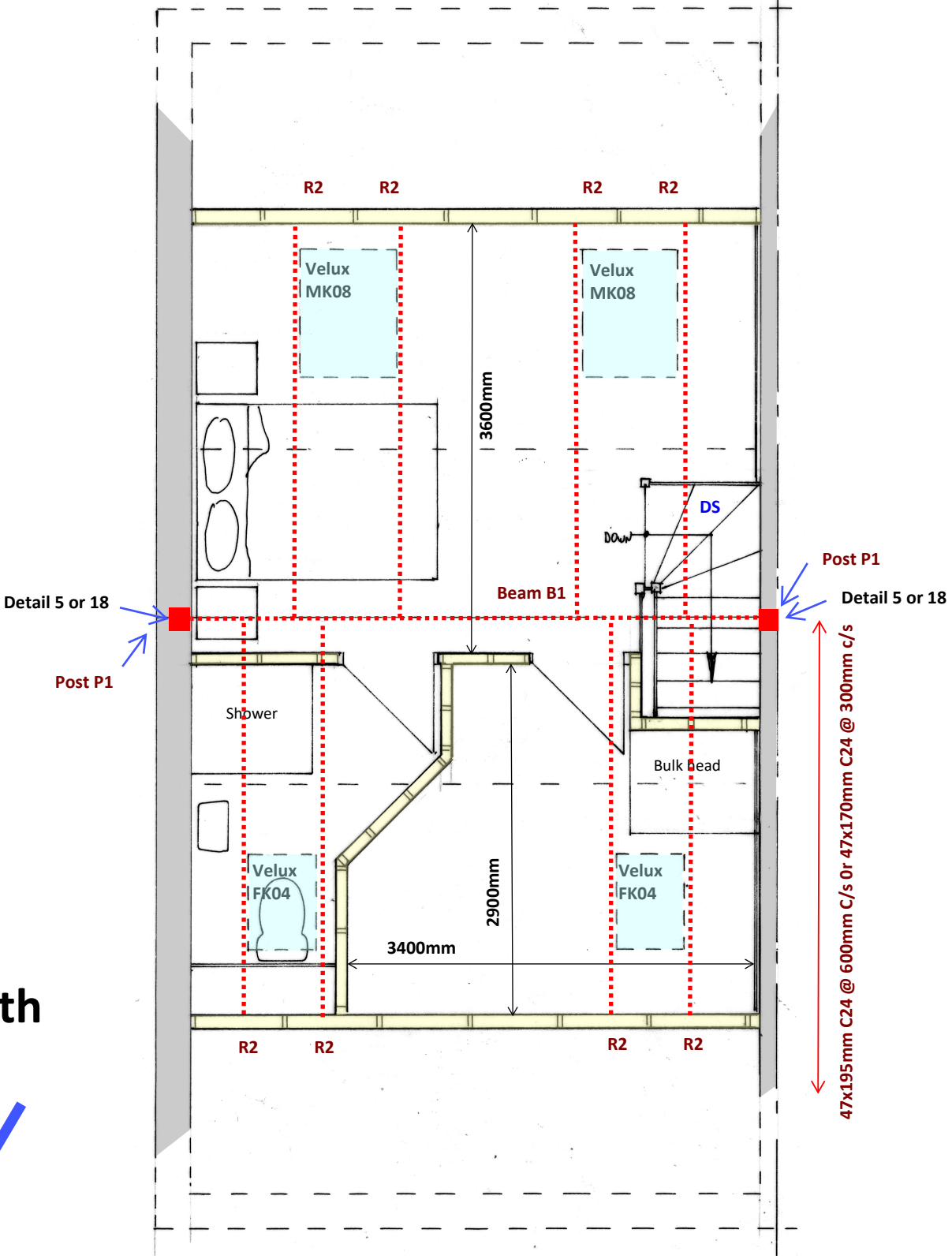
Beam B4
Use 152 x 152 x 30 UKC S355
Bearing R1: 15 mm S275 bearing plate, size 300 x 100 mm
Bearing R2: 15 mm S275 bearing plate, size 300 x 100 mm
End plate splice at 1.60 m.

Beam B5
Use 203 x 133 x 30 UKB S355
Bearing R1: 20 mm S275 bearing plate, size 350 x 100 mm
Bearing R2: 20 mm S275 bearing plate, size 350 x 100 mm
End plate splice at 1.60 m

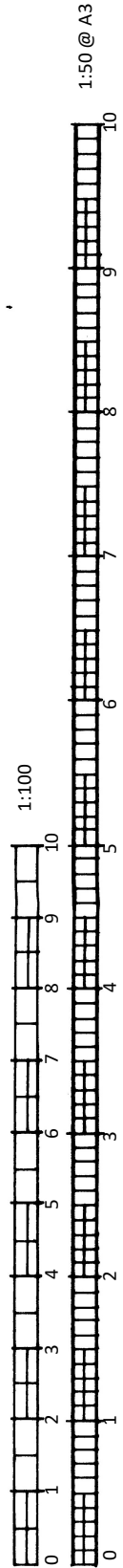
Beam B6
Use 203 x 133 x 30 UKB S355
Bearing R1: 20 mm S275 bearing plate, size 350 x 100 mm
Bearing R2: as R1
End plate splice at 1.60 m.



Proposed First Floor Plan 1:50



Proposed Second Floor Plan 1:50



BSB S.Barrett Architectural, Structural & Party Wall Services stevebsbltd@yahoo.com 07974 715009		6 Celandine Road, Worthing		Loft & Garage conversion	CLIENT: Sam Grove DATE: 26.02.2026 DRWG No: BSB/26228/4/B	A3
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