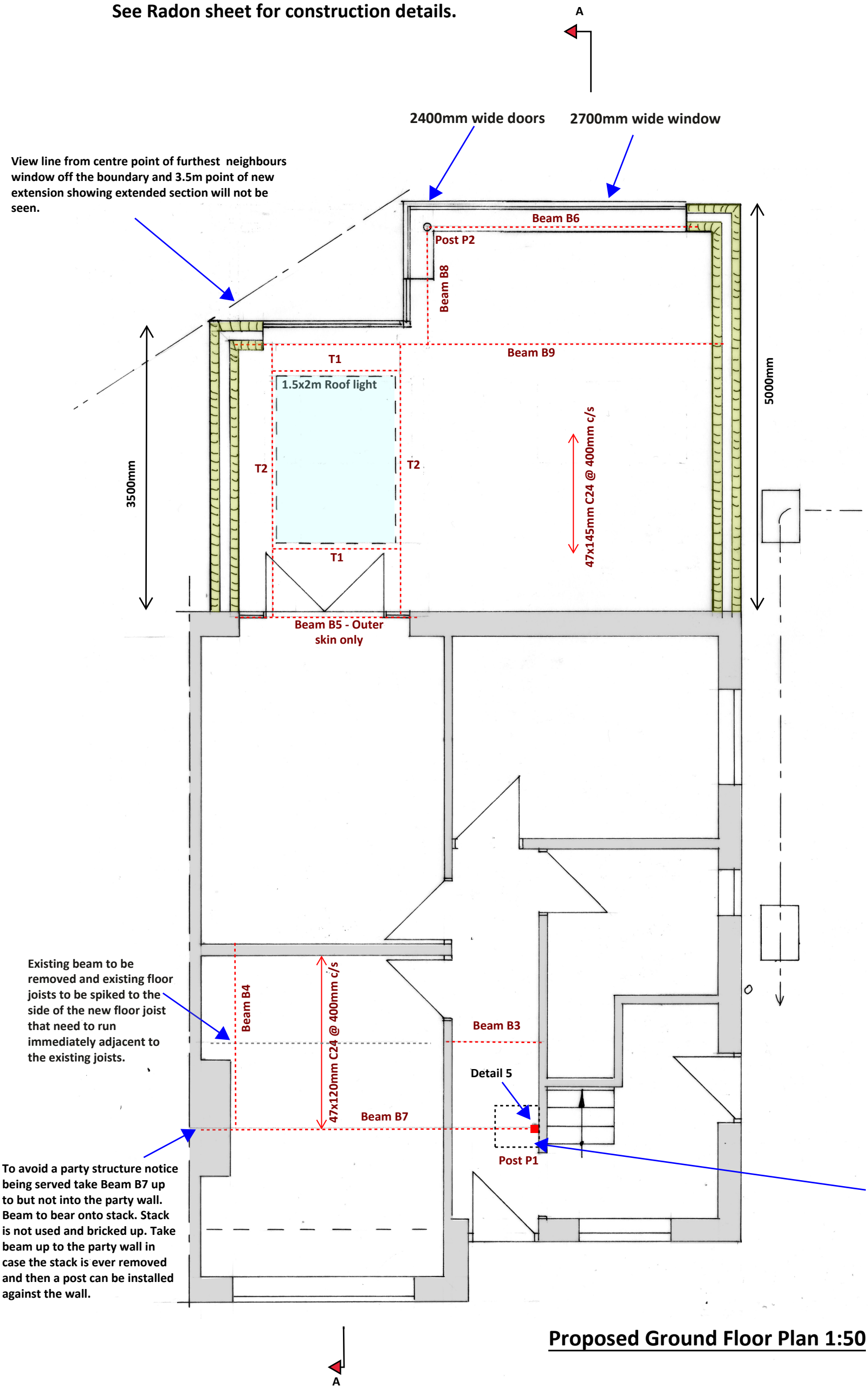
The property owner is required to serve a party structure notice on the adjoining owner as required by The Party Wall etc Act 1996.

Extension requires full Radon protection.
See Radon sheet for construction details.



Beam B3
Use 2no 47 x 95 C24

Floor joists F1 @ 400mm c/s
Use 47 x 120 C24

Beam B4
Use 2no 47 x 120 C24

Extension flat roof joists
Use 47 x 145 C24

Trimmer T1
Use 2no 47 x 145 C24

Trimmer T2
Use 2no 47 x 145 C24

Beam B5 - Sitting over outside skin of cavity wall
Use 2no 47 x 145 C24

Beam B6
Use 152 x 152 x 30 UKC S355
Bearing R1: 10 mm S275 bearing plate, size 200 x 100 mm Bearing R2: as R1

Beam B7
Use 203 x 102 x 23 UKB S355
Bearing R1: 15 mm S275 bearing plate, size 300 x 100 mm

Beam B8
Use 203 x 133 x 25 UKB S355
Bearing R1: 10 mm S275 bearing plate, size 250 x 100 mm Bearing R2: as R1

Extension Floor joists @ 400mm c/s
Use 47 x 120 C24

Post P1
Section: 60 x 60 x 5.0 SHS Grade S355 on 250 x 250 x 10mm base plate

Proposed Ground Floor Plan 1:50

1:100

1:50 @ A3

cabe chartered association of building engineers

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Rear Extension& front dormer

CBuildE chartered building engineer

Client Mr & Mrs Whitehead

Date 22.12.2023

Drwg No BSB/23075/2/A

A3