

ROOF PLAN 1 :: 50

BEAM DETAIL

Job number: 11280

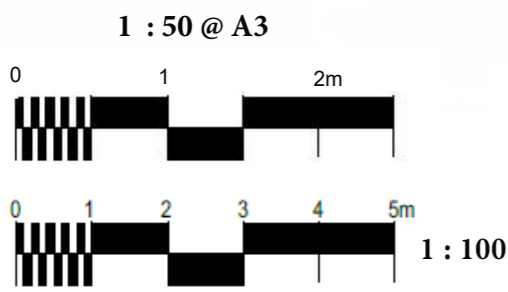
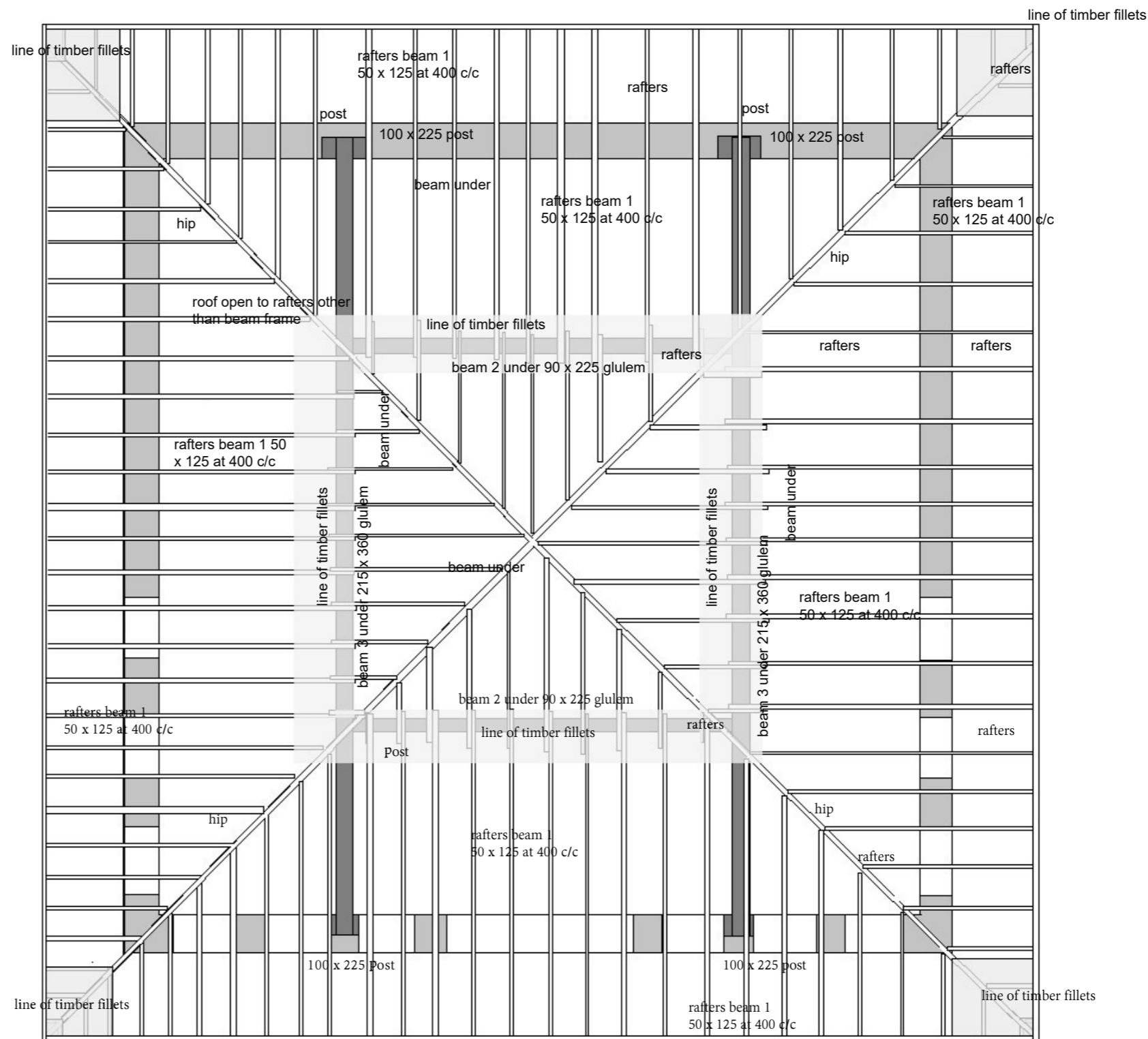
ITEMS:

1: Beam: RAFTERS TO ROOF
 Span: 2.0 m. + 1.00 m. RH cantilever
 Reactions (unfactored/factored): R1: 0.95/0.95 kN; R2: 2.86/2.86 kN
 Use 50 x 125 C16

2: Beam: BEAM GIVING SUPPORT
 Span: 3.75 m.
 Reactions (unfactored/factored): R1: 7.59/7.59 kN; R2: 7.59/7.59 kN
 Use 90 x 225 C24 Glulam (5 x 90 x 45 mm laminations)

3: Beam: MAIN SUPPORTING BEAMS
 Span: 7.8 m.
 Reactions (unfactored/factored): R1: 15.69/15.69 kN; R2: 15.69/15.69 kN
 Use 215 x 360 GL28c Glulam (8 x 215 x 45 mm laminations)

4: Timber post/stud: POST SUPPORTING BEAM
 Use 100 x 225 C16



Scale	1:100 1:50
Paper Size	A3
Proposal	PROPOSED DETACHED GARDEN ROOM
Address	122c Reading Road South Fleet Hants GU52 7TP
Client No.	11280
No.	07
Revision	P
Client Name	Mr R Gould
SBS	Surrey Building Services Architectural & Building Consultants