

beam detail

Job number: 11421

ITEMS:

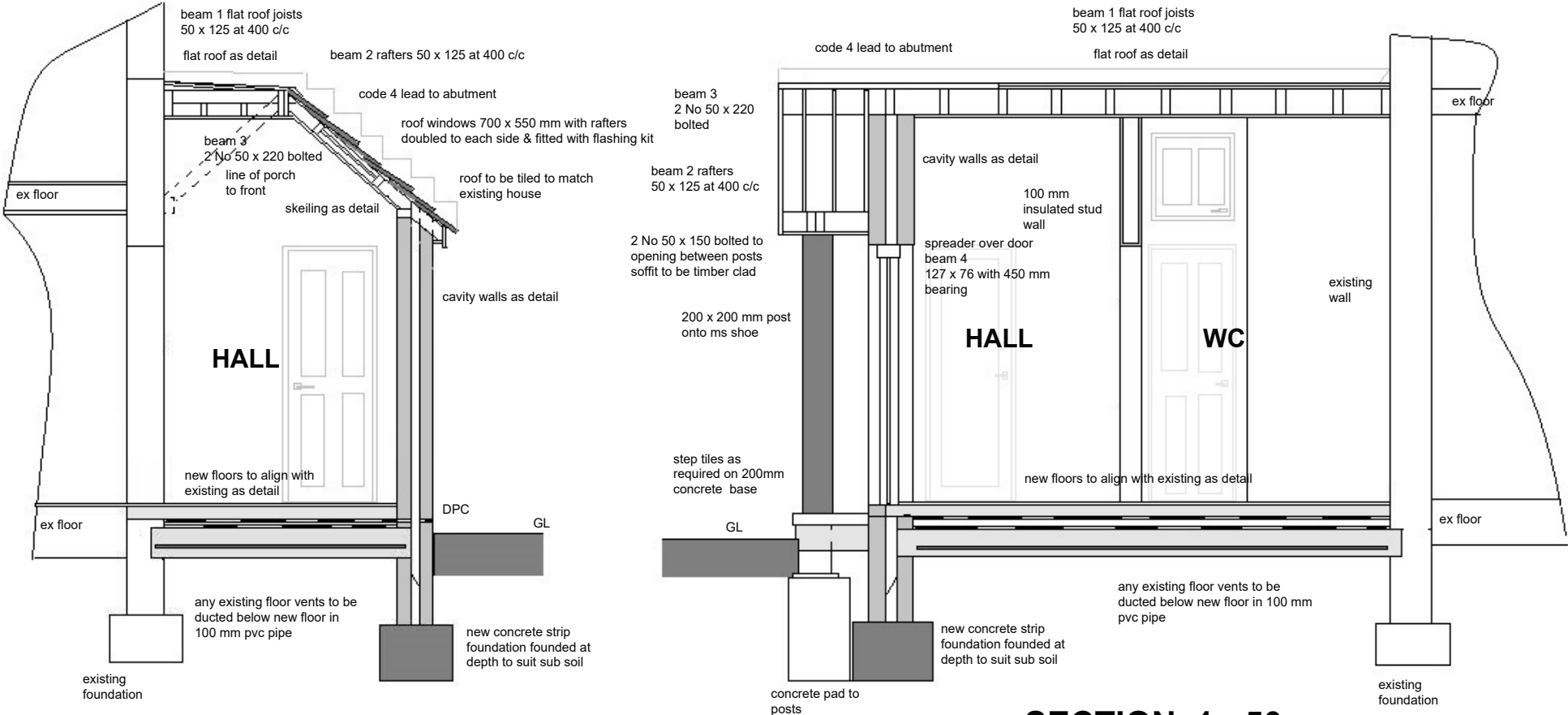
1: Beam: FLAT ROOF JOISTS
Span: 1.0 m.
Reactions (unfactored/factored): R1: 0.45/0.45 kN; R2: 0.45/0.45 kN
Use 50 x 125 C16

2: Beam: RAFTERS
Span: 1.4 m.
Reactions (unfactored/factored): R1: 0.62/0.62 kN; R2: 0.62/0.62 kN
Use 50 x 125 C16
RAFTERS DOUBLED TO EACH SIDE OF ROOF WINDOWS

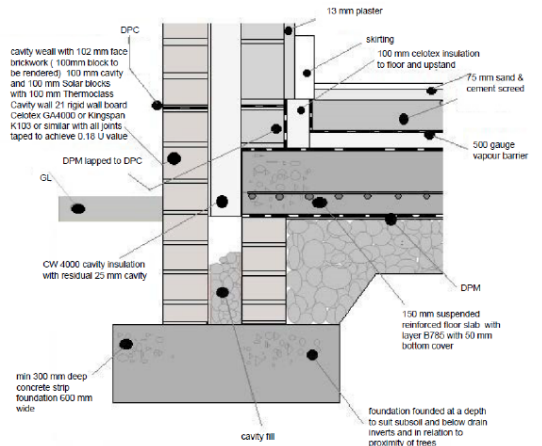
3: Beam: CENTRAL BEAM
Span: 4.0 m. + 0.800 m. RH cantilever
Reactions (unfactored/factored): R1: 4.48/4.48 kN; R2: 6.83/6.83 kN
Use 2no 50 x 220 C24

4: Beam: SPREADER BEAM OVER FRONT DOOR
Span: 1.0 m.
Reactions (unfactored/factored): R1: 21.52/21.52 kN; R2: 21.52/21.52 kN
Use 127 x 76 x 13 UB S355
Bearing R1: 100 x 450 x 50h mm padstone
Bearing R2: As R1

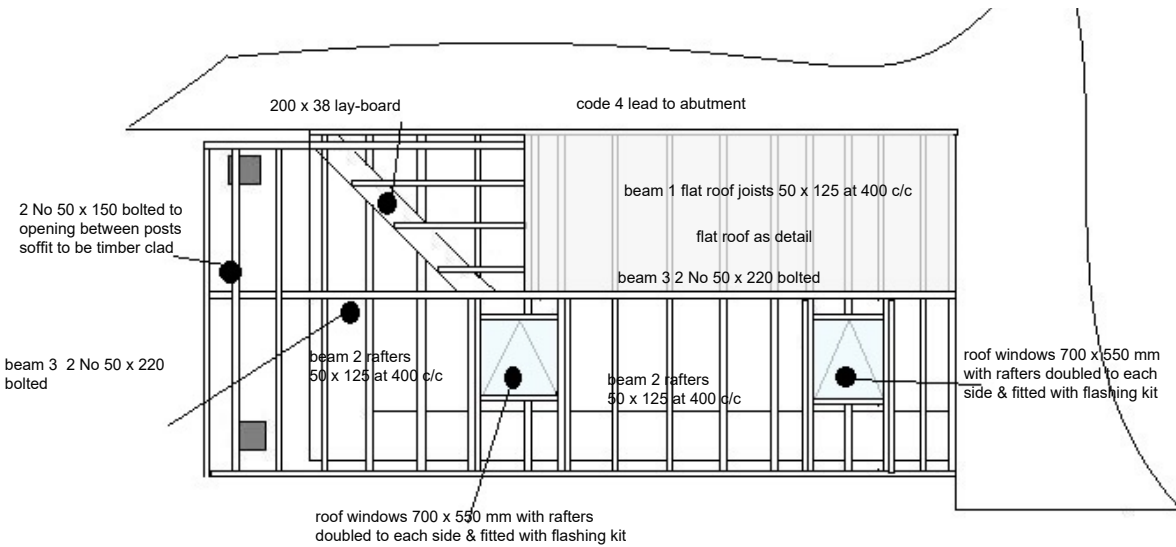
5: Beam: BEAM TO KITCHEN DINING OPENING
Span: 3.4 m.
Reactions (unfactored/factored): R1: 14.28/14.28 kN; R2: 14.28/14.28 kN
Use 178 x 102 x 19 UB S355
Bearing R1: 102 x 300 x 50h mm padstone
Bearing R2: As R1



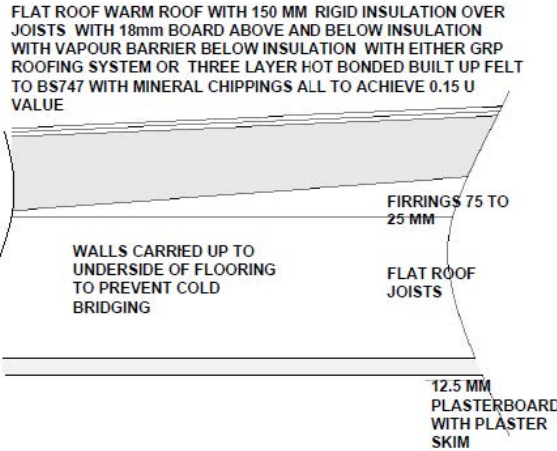
SECTION 1 : 50



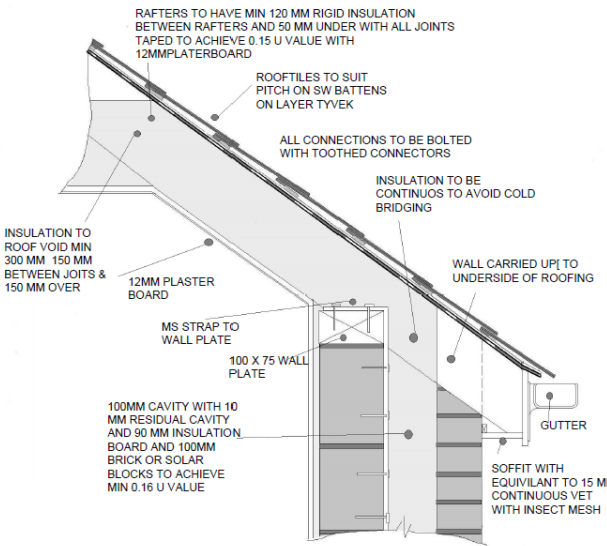
FOUNDATION DETAIL



ROOF PLAN 1 : 50



FLAT ROOF DETAIL

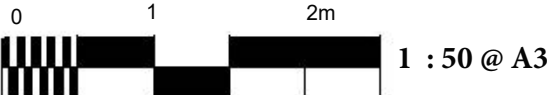


SKEILING DETAIL

• Should Any Conflict Between Details And Measurements On This Drawing Or On Other Drawings, Then Surrey Building Services Should Be Informed Prior To Construction On Site

• Until Full Approval Of Both Planning And Building Regulations (And Any Other Approval Applicable) Has Been Granted From The Relevant Authorities, It Should Be Understood That All Drawings Are Preliminary And Are Not For Construction. Should Work Commence Prior To Such Approvals Being Granted It Is Entirely At His Or Her Own Risk

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SBS

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Client No.	No.	Revision
11421	05	BR

Client Name : Mr Mullar

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Proposal

PROPOSED SINGLE STOREY FRONT
EXTENSION

Scale 1:100 1:50

Paper Size A3