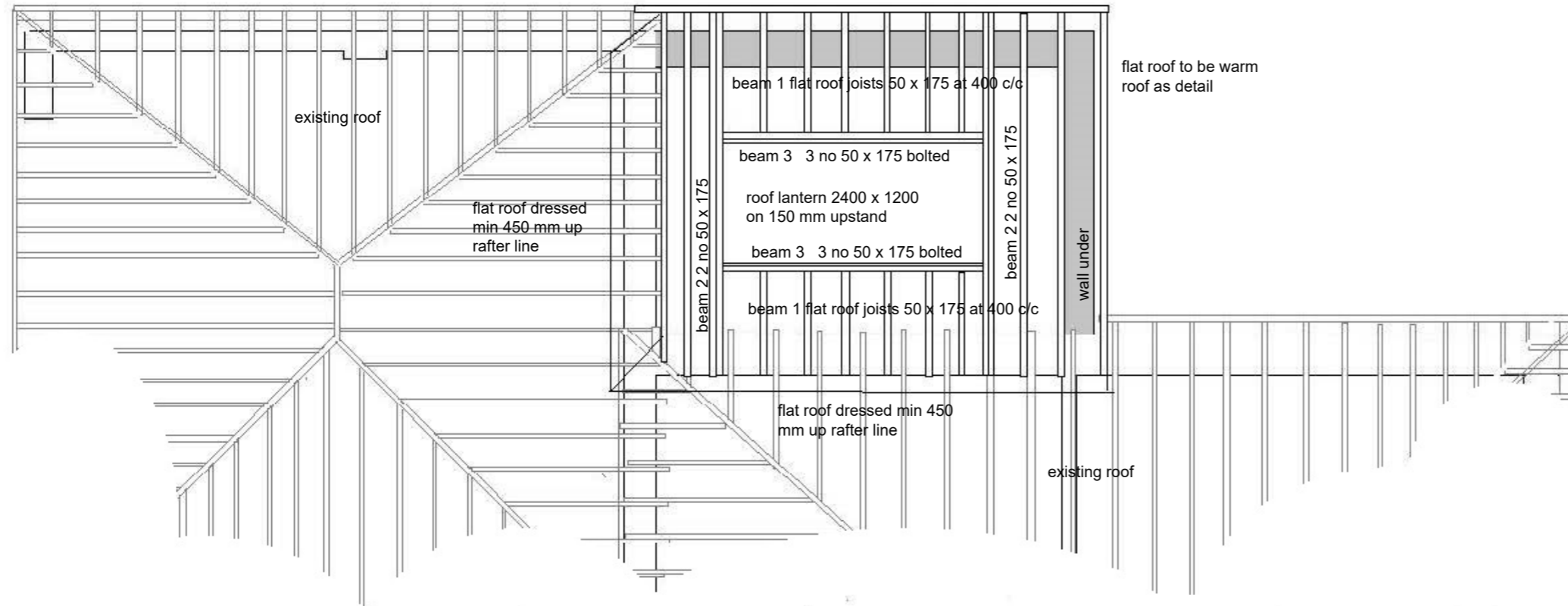


ROOF PLAN 1 : 50



lantern to have automatic black out blinds as house is in night sky location

flat roof to be warm roof as detail

BEAM DETAILS

Job number: 11266

ITEMS:

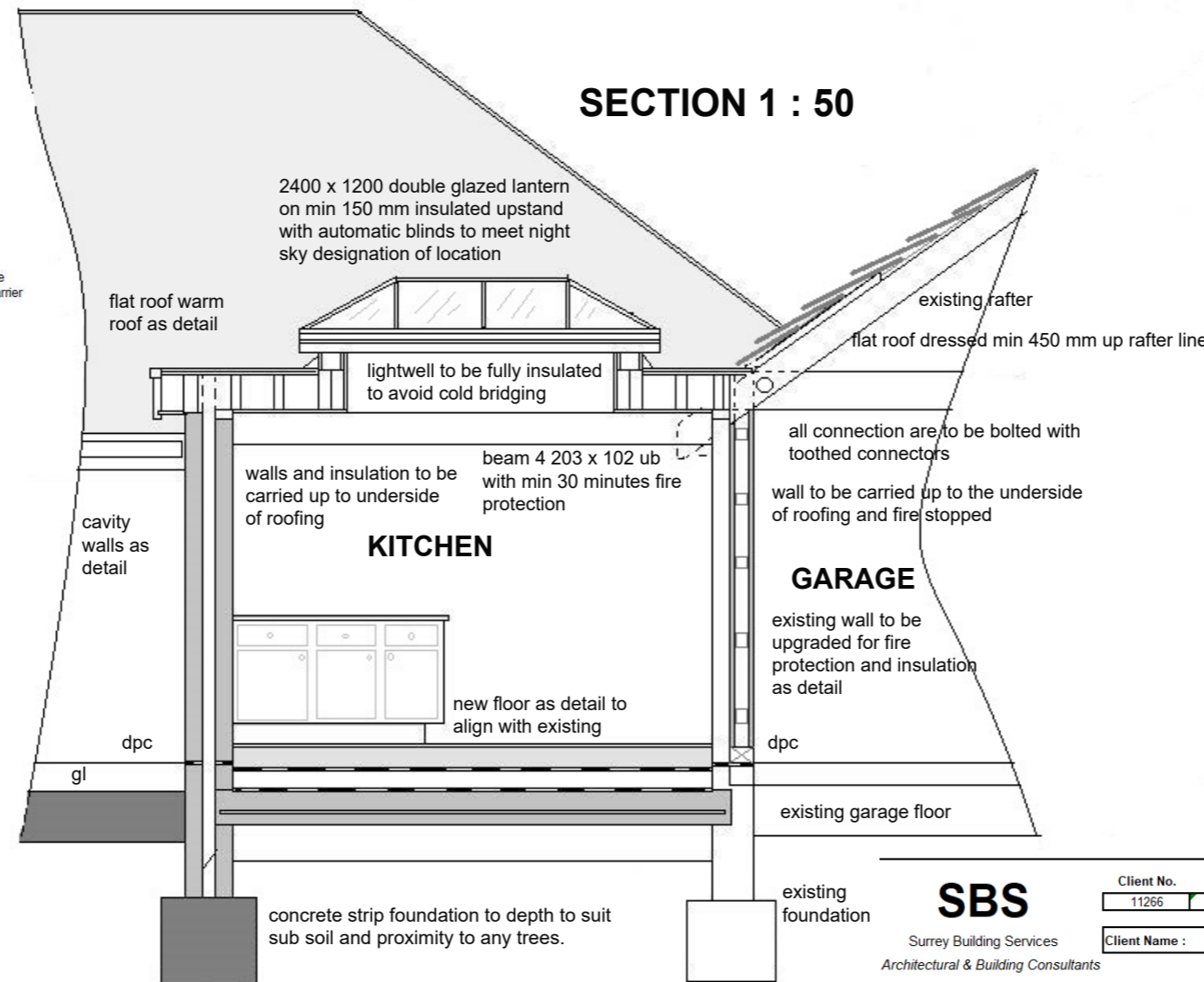
- 1: Beam: FLAT ROOF JOISTS
Span: 2.5 m.
Reactions (unfactored/factored): R1: 1.13/1.13 kN; R2: 1.13/1.13 kN
Use 50 x 175 C16

- 2: Beam: TRIMMER TO LANTERN
Span: 2.4 m.
Reactions (unfactored/factored): R1: 3.36/3.36 kN; R2: 3.36/3.36 kN
Use 2no 50 x 175 C16

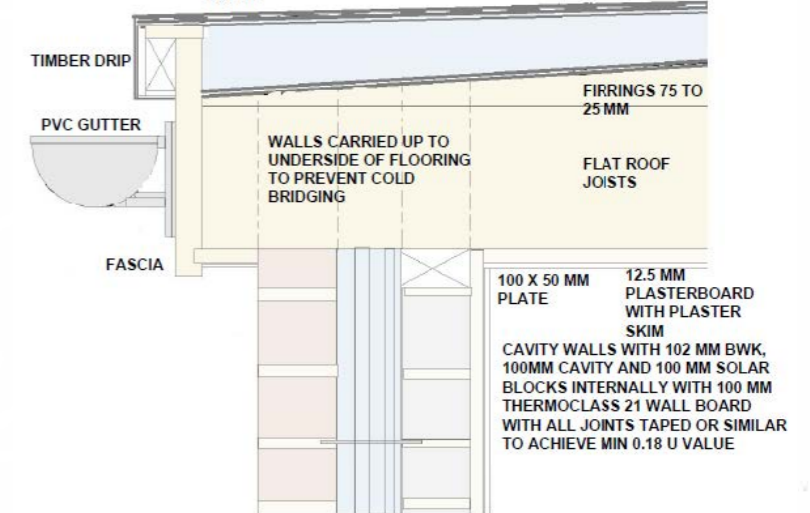
- 3: Beam: ROOF BEAMS TO LANTERN
Span: 2.5 m.
Reactions (unfactored/factored): R1: 4.64/4.64 kN; R2: 4.38/4.38 kN
Use 3no 50 x 175 C16

- 4: Beam: OPENING TO KITCHEN
Span: 3.5 m.
Reactions (unfactored/factored): R1: 16.72/16.72 kN; R2: 16.87/16.87 kN
Use 203 x 102 x 23 UB S355
Bearing R1: 15 mm m.s. bearing plate, size 350 x 100 mm
Bearing R2: 15 mm m.s. bearing plate, size 350 x 100 mm

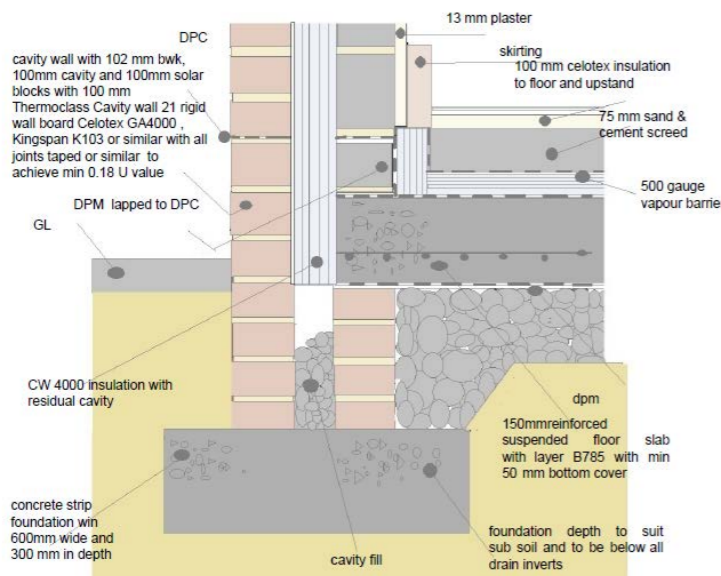
SECTION 1 : 50



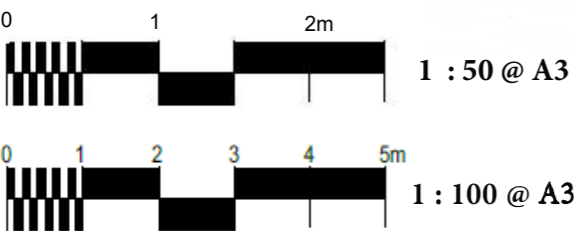
FLAT ROOF WARM ROOF WITH 150 MM RIGID INSULATION OVER JOISTS WITH 18mm BOARD ABOVE AND BELOW INSULATION WITH VAPOUR BARRIER BELOW INSULATION WITH EITHER GRP ROOFING SYSTEM OR THREE LAYER HOT BONDED BUILT UP FELT TO BS747 WITH MINERAL CHIPPINGS ALL TO ACHIEVE 0.15 U VALUE



FLAT ROOF DETAIL



FOUNDATION 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 Surrey Building Services Architectural & Building Consultants James Templeman : 0779343353 Email : surreybuildingservices@gmail.com	Client No. 11266 No. 05 Revision BR	Address Cavaliers Hill The Street Upper Farringdon Alton Hants GU34 3DS	Proposal PROPOSED SINGLE STOREY EXTENSION	Scale 1:100 1:50 Paper Size A3
	Client Name : Richard Francis			