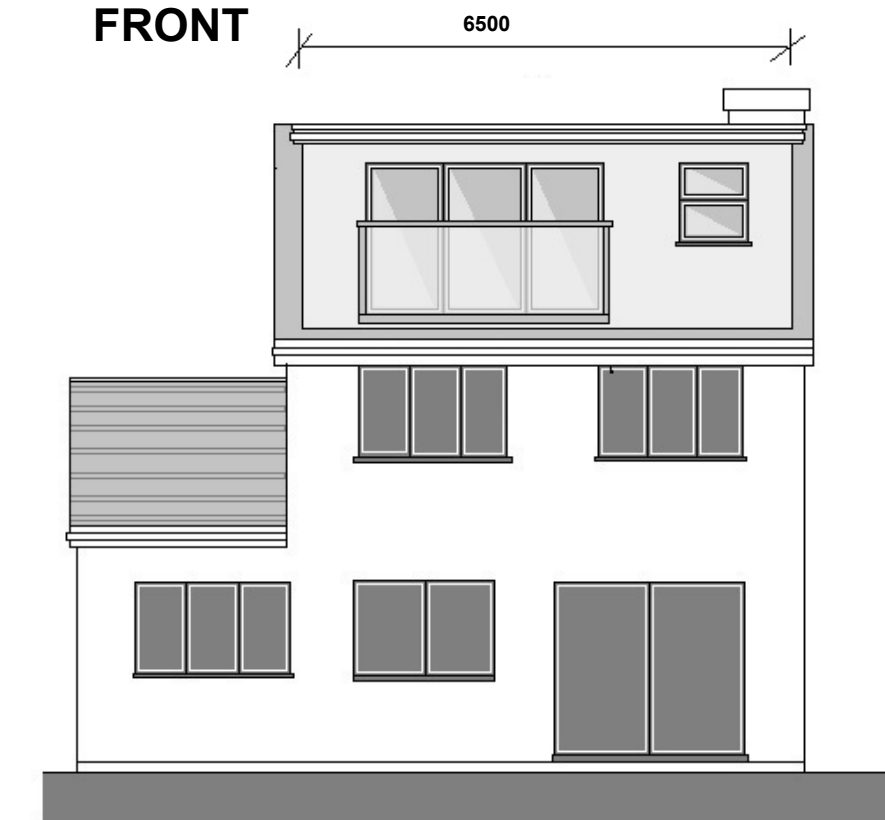
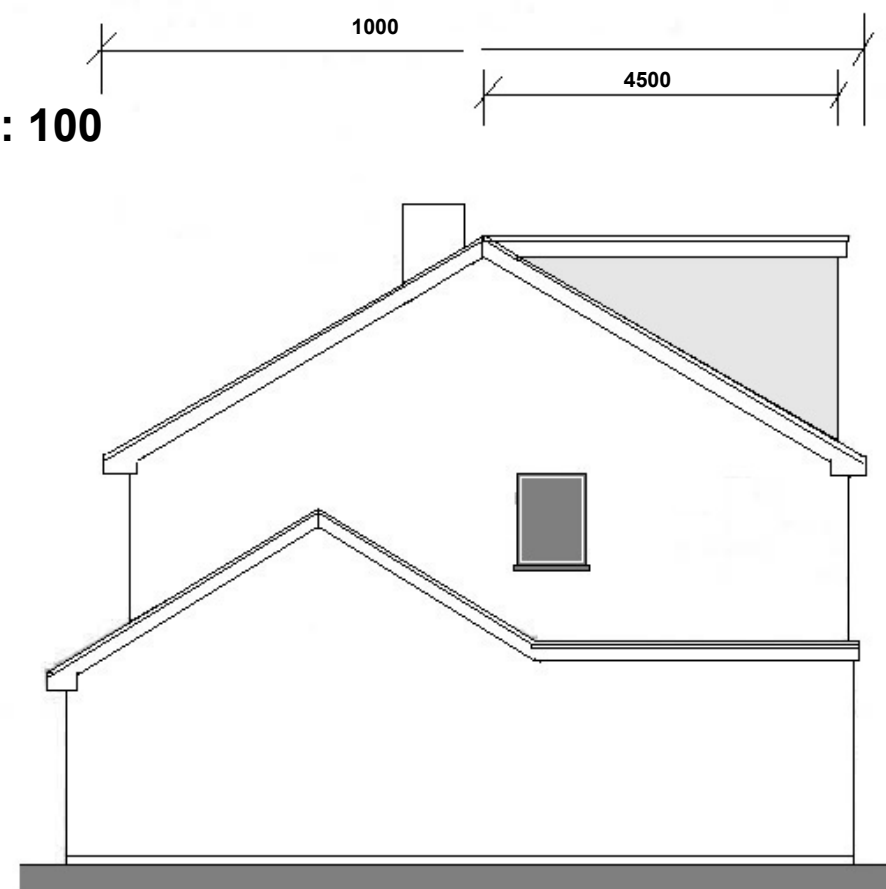




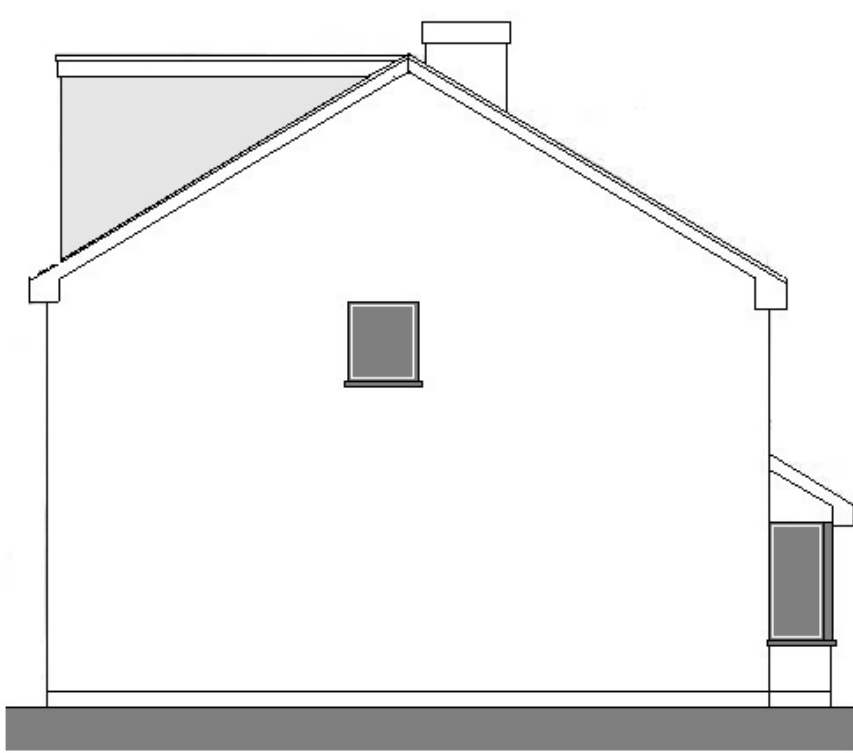
FRONT



REAR



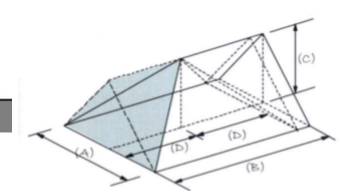
SIDE



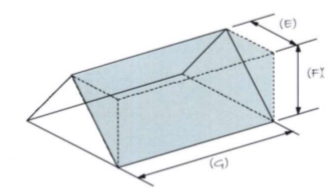
SIDE

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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ROOF VOLUME CHECK

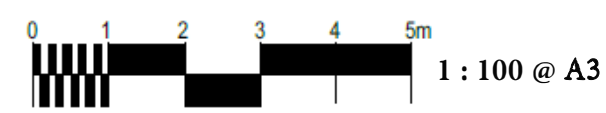


Calculation for roof volume (Hip to gable with rear dormer)		Metres
A	Depth of main roof	10
B	Width of main roof	7.2
C	Height of main roof	3.2
D	Ridge to eaves in plan	0
E	Projection of rear dormer	4.5
F	Height of rear dormer	2.75
G	Width of rear dormer	6.5



Volume of the triangular prism Area of the triangle x its length (A x C / 2 x (D x 2))	-	cubic metres
Volume of the pyramid Base area x 1/3 height (A x (D x 2) x 1/3 C)	-	cubic metres
Volume of the additional segment Hip to Gable (Prism - Pyramid) / 2	-	cubic metres
Volume of the additional rear dormer area of the triangle x its length (E x F / 2 x G)	40.22	cubic metres
TOTAL volume of development in the roof	40.22	cubic metres

This sum is less than the 50 cubic metres permitted for a semi-detached property that has not been previously extended, therefore complies with Permitted Development Rights. Additionally, the dormer extension is set a least 200mm from the eaves (not hip to gable)



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Client No.	No.	Revision
11457	05	BR

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Proposal
PROPOSED LOFT CONVERSION WITH
REAR DORMER

Scale 1:100 1:50

Paper Size A3