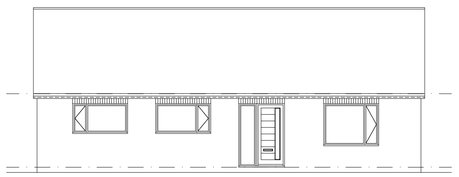
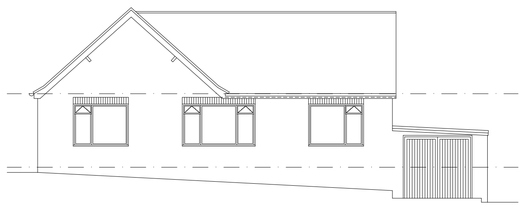


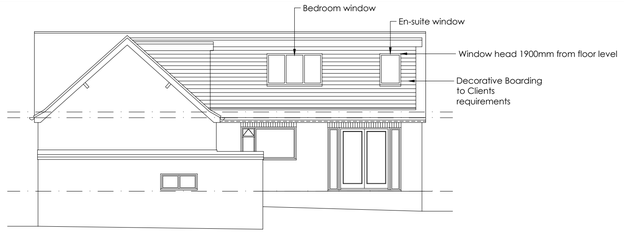
Proposed Side Elevation
Scale 1:100



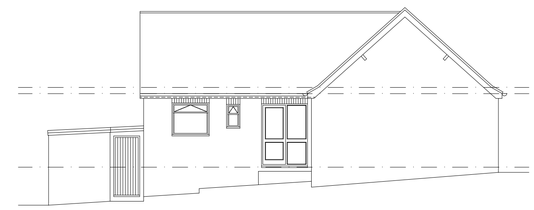
Proposed Front Elevation
Scale 1:100



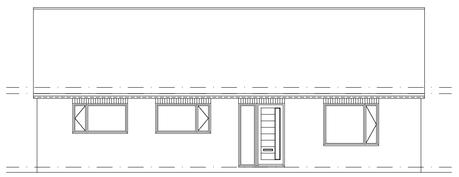
Proposed Side Elevation
Scale 1:100



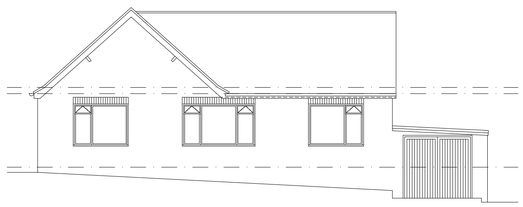
Proposed Rear Elevation
Scale 1:100



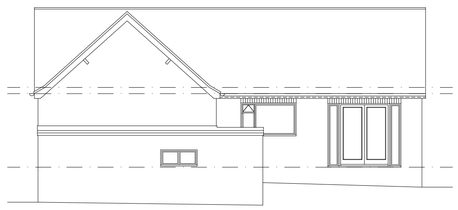
Existing Side Elevation
Scale 1:100



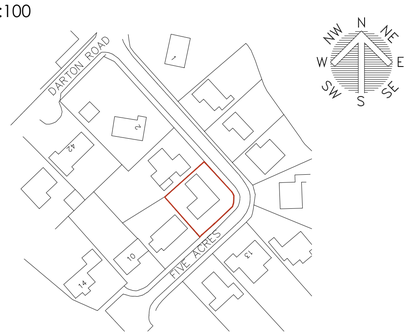
Existing Front Elevation
Scale 1:100



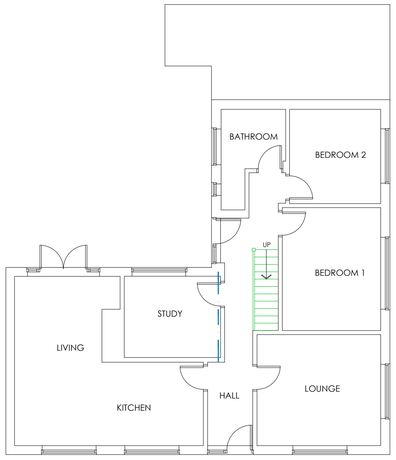
Existing Side Elevation
Scale 1:100



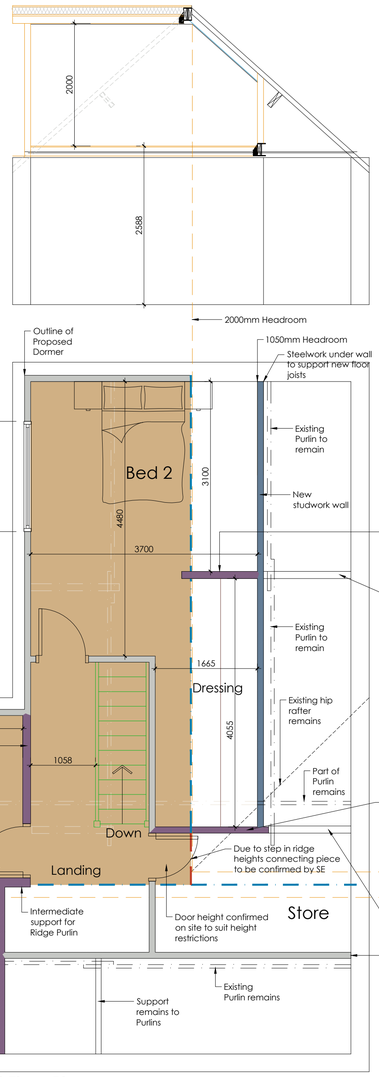
Existing Rear Elevation
Scale 1:100



Location Plan
Scale 1:1250



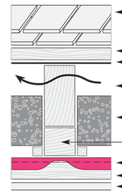
Proposed Ground Floor Plan
Scale 1:100



Proposed First Floor Plan
Scale 1:100

UPGRADE OF EXISTING ROOF

The TLX Silver solution:
Loft conversion with 1F felt - 180mm rafter @ 400mm centres



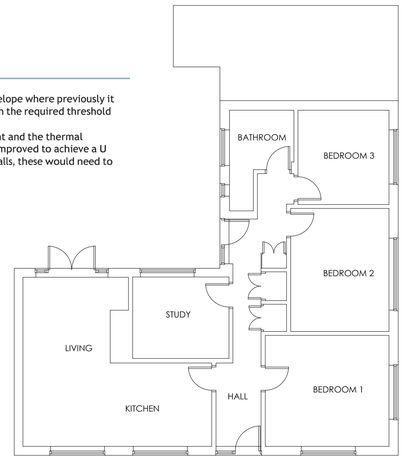
- Extend the rafter depth to 180mm, using a spacer batten
- Fit 100mm PIR rigid board closely between rafters, maintaining a 50mm ventilated cavity between the PIR board and felt.
- Fit TLX Silver taut across the bottom of the rafters
- Fit 38 x 38mm cross battens across the rafters
- Fit plasterboard

Renovated roof U = **0.18 W/m².K**

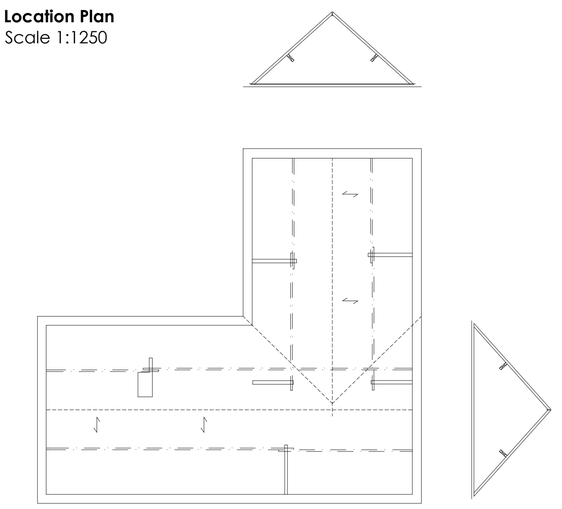
Building Regulation compliance

Approved Document L1B states that:

- Where an existing element is to become part of the thermal envelope where previously it was not, the thermal performance needs to be increased to reach the required threshold value.
- In the case of a loft conversion that is a retained thermal element and the thermal performance for the pitched section of the roof will need to be improved to achieve a U value of 0.18 W/m².K. In the case of dormer cheeks and dwarf walls, these would need to achieve a U value of 0.28 W/m².K.



Existing Plans
Scale 1:100



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ARCHITECTURAL SERVICES

Project.	Client.
PROPOSED LOFT CONVERSION 6 FIVE ACRES, CAWTHORNE BARNSLEY, S75 4HZ	MR & MRS PROSSER
Drawing Title. PLANS & ELEVATIONS	Date. JUNE 2019 / Scale. 1:50 @A1 Ref. 16-173 / Dwg. No. 01 / Rev. A

Date	Suffix	Description	Date	Suffix	Description
24/06/2019	A	REVISED TO CLIENTS REQUIREMENTS			