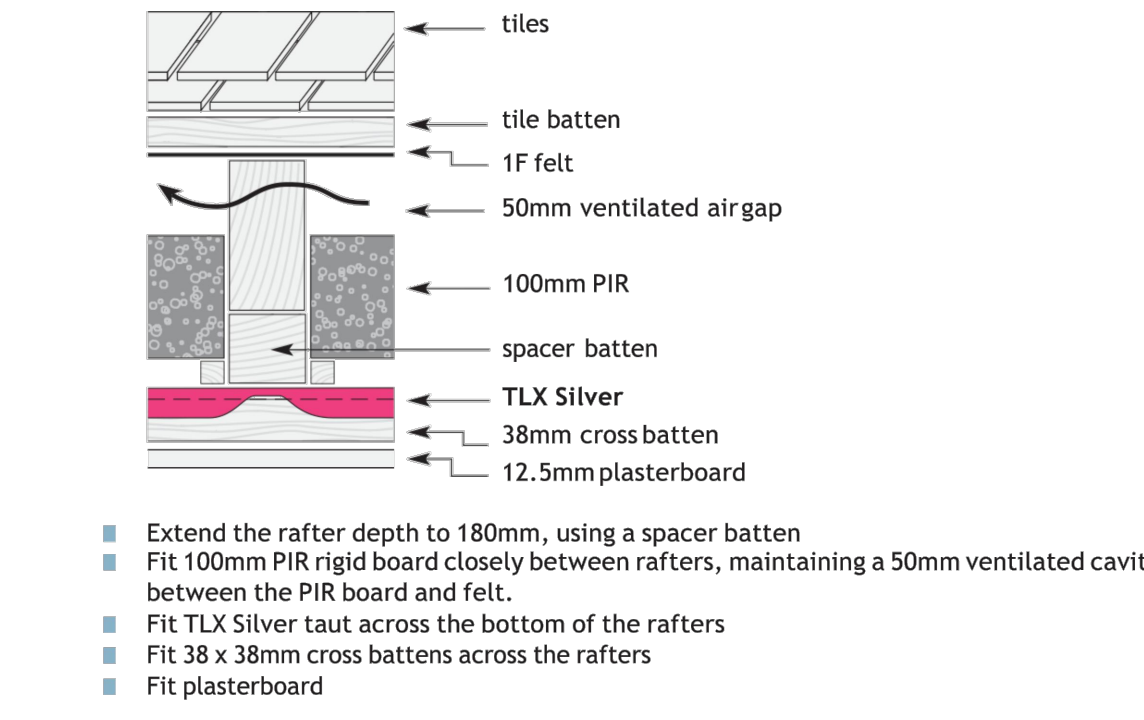


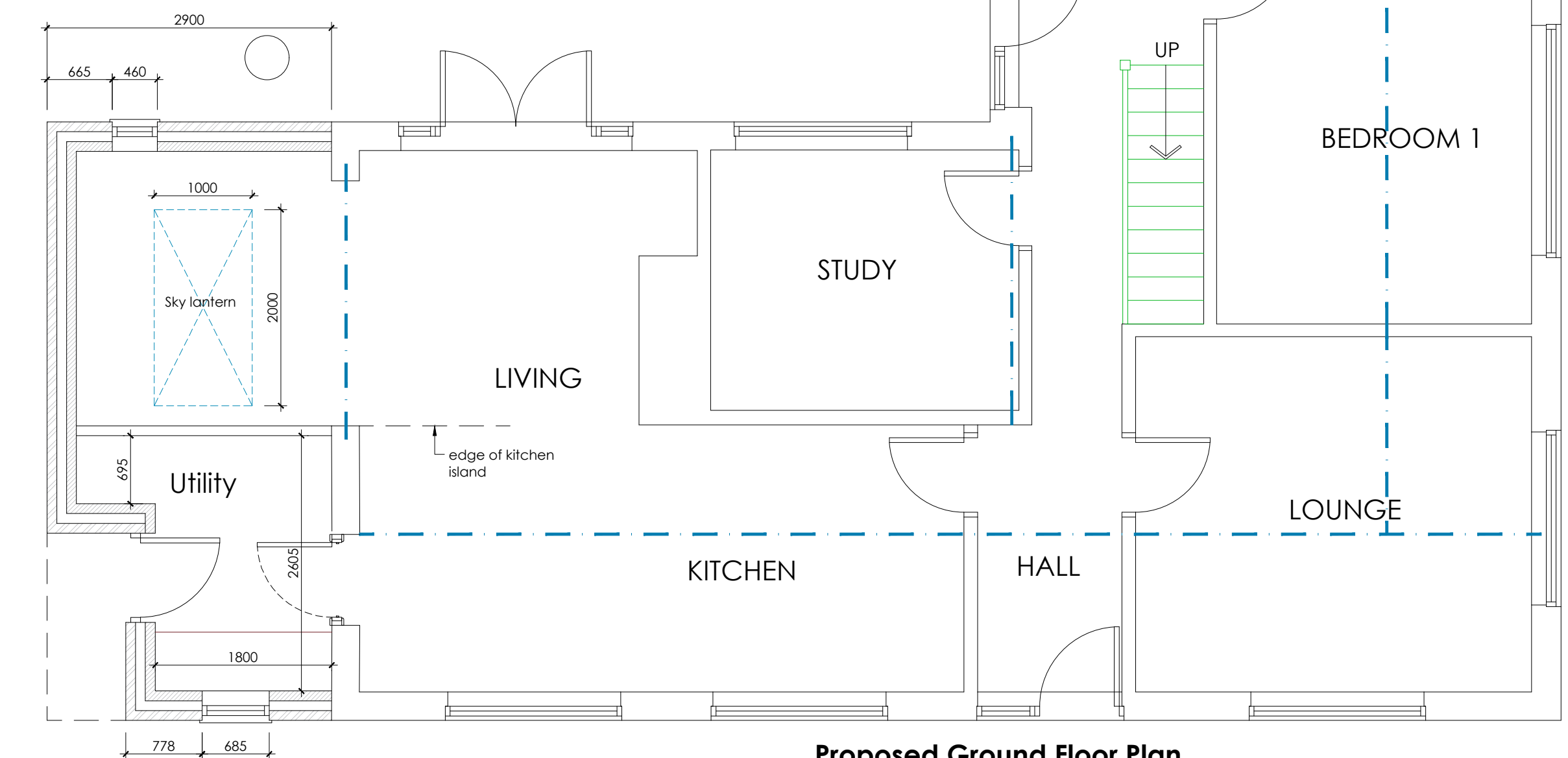
The TLX Silver solution:
Loft conversion with 1F felt - 180mm rafter @ 400mm centres



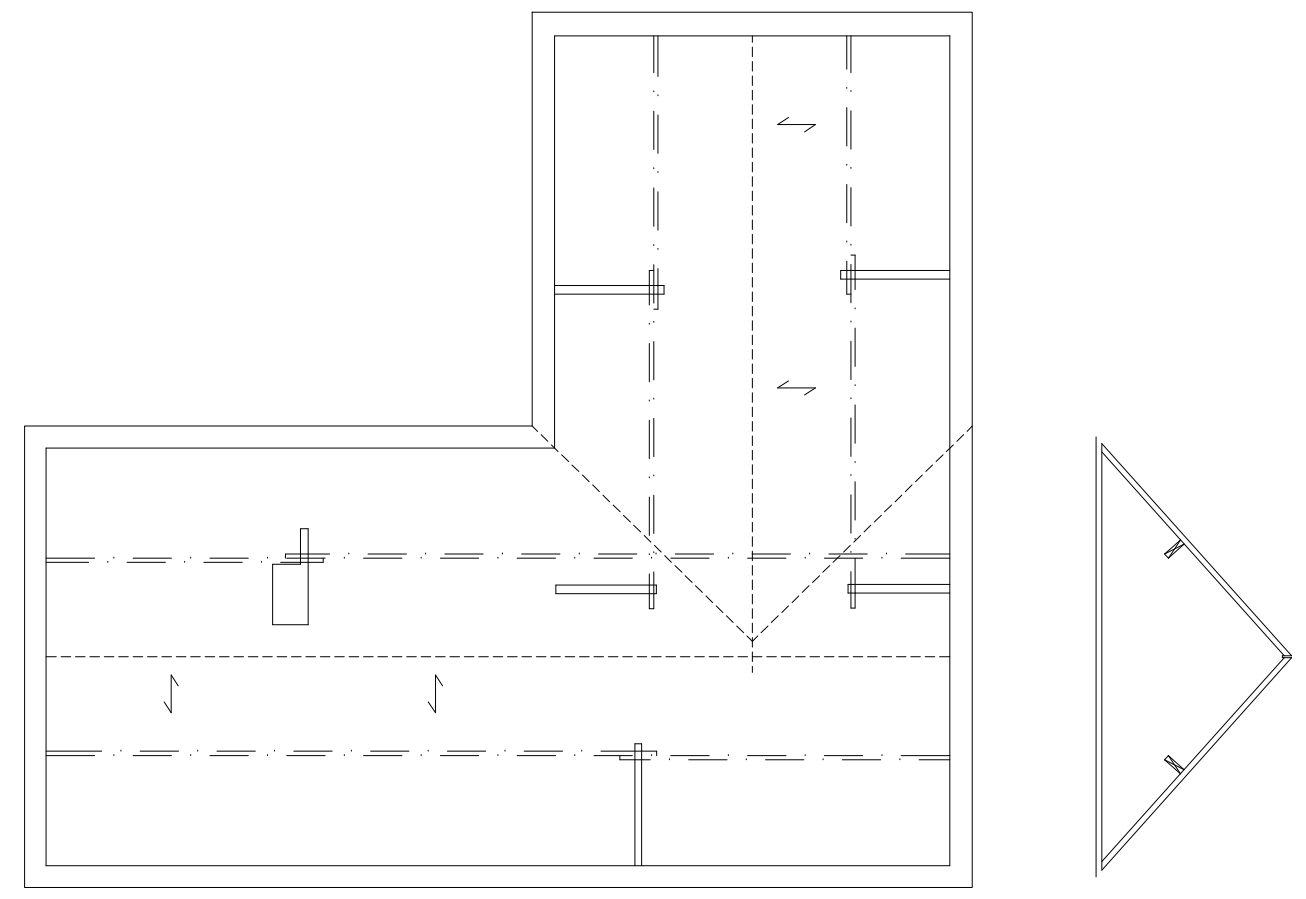
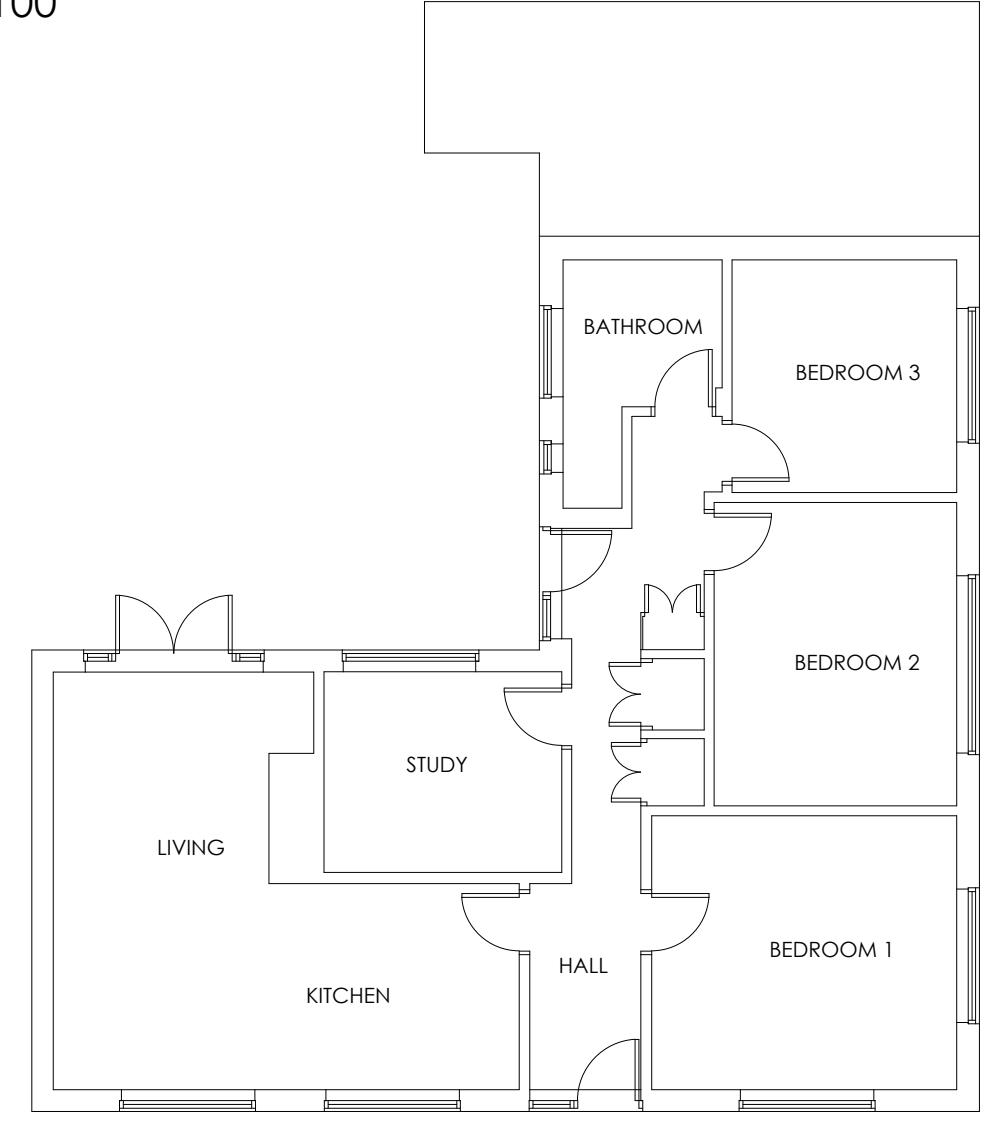
Building Regulation compliance

Approved Document L1B states that:

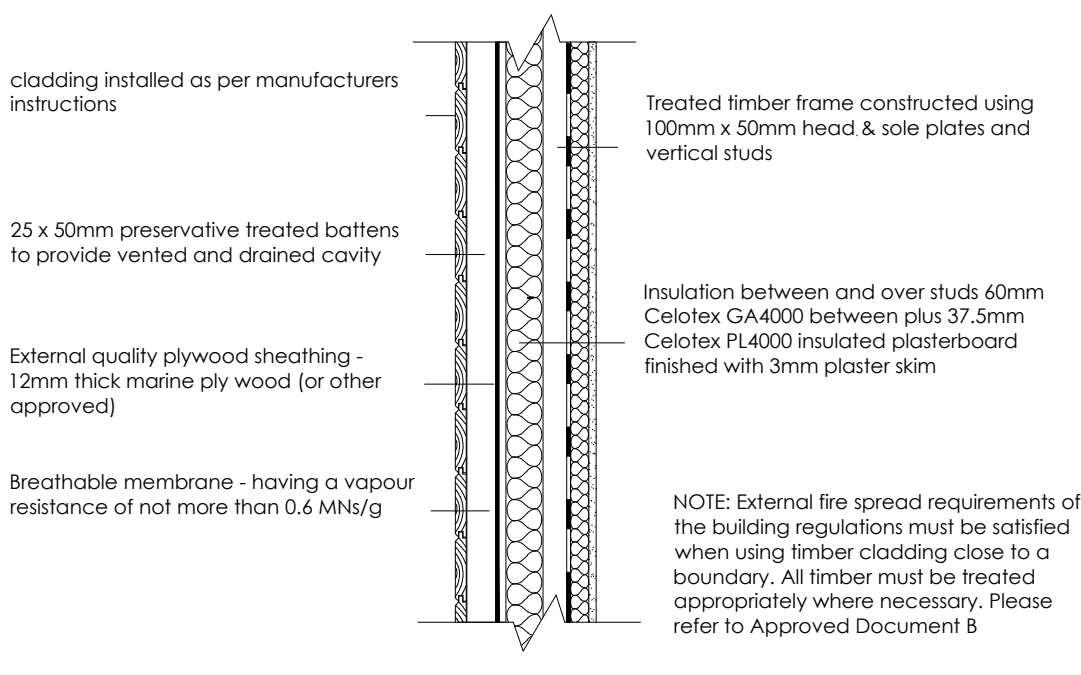
- Where an existing element is to become part of the thermal envelope where previously it was not, the thermal performance needs to be increased to reach the required threshold value.
- In the case of a loft conversion that is a retained thermal element and the thermal performance for the pitched section 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.



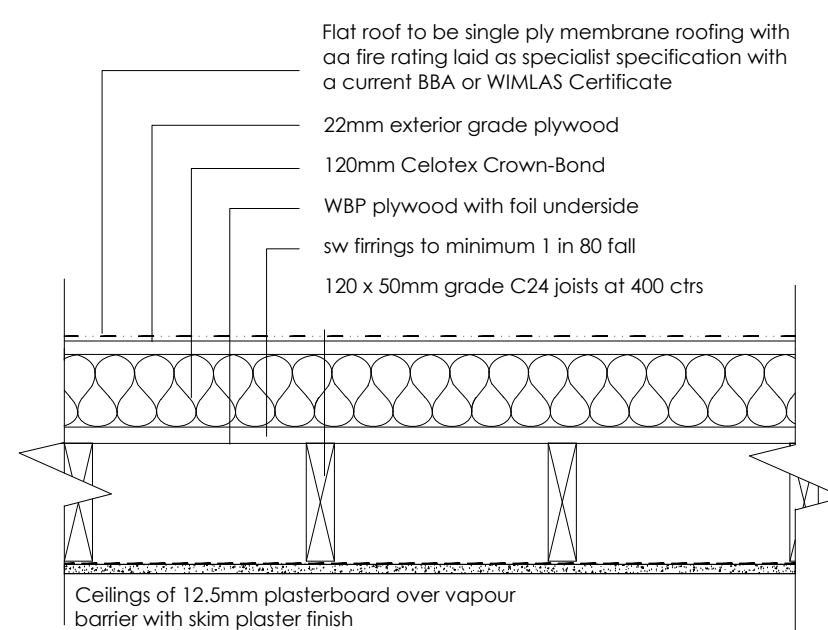
Proposed Ground Floor Plan
Scale 1:100



CLADDING TO DORMER FACE & CHEEKS



WARM FLAT DORMER ROOF



Prior to commencement of any works on site, the line and level of existing drainage systems is to be established and checks carried out to:

- confirm invert levels etc of existing runs.
- ensure proposed connections to the existing system are achievable.

All new below ground pipes to have min 100mm pea shingle bed/surround & be laid at min 1:40 falls.

Existing Purlins = 275 x 80mm
Existing rafters = 50 x 75mm @ 400c/c
Existing Ceiling joists = 75 x 50mm
Existing roof pitch = 41°

Suggested ridge detail - steel ridge beam supported on padstones into load bearing walls. All in line with Structural Engineers details.

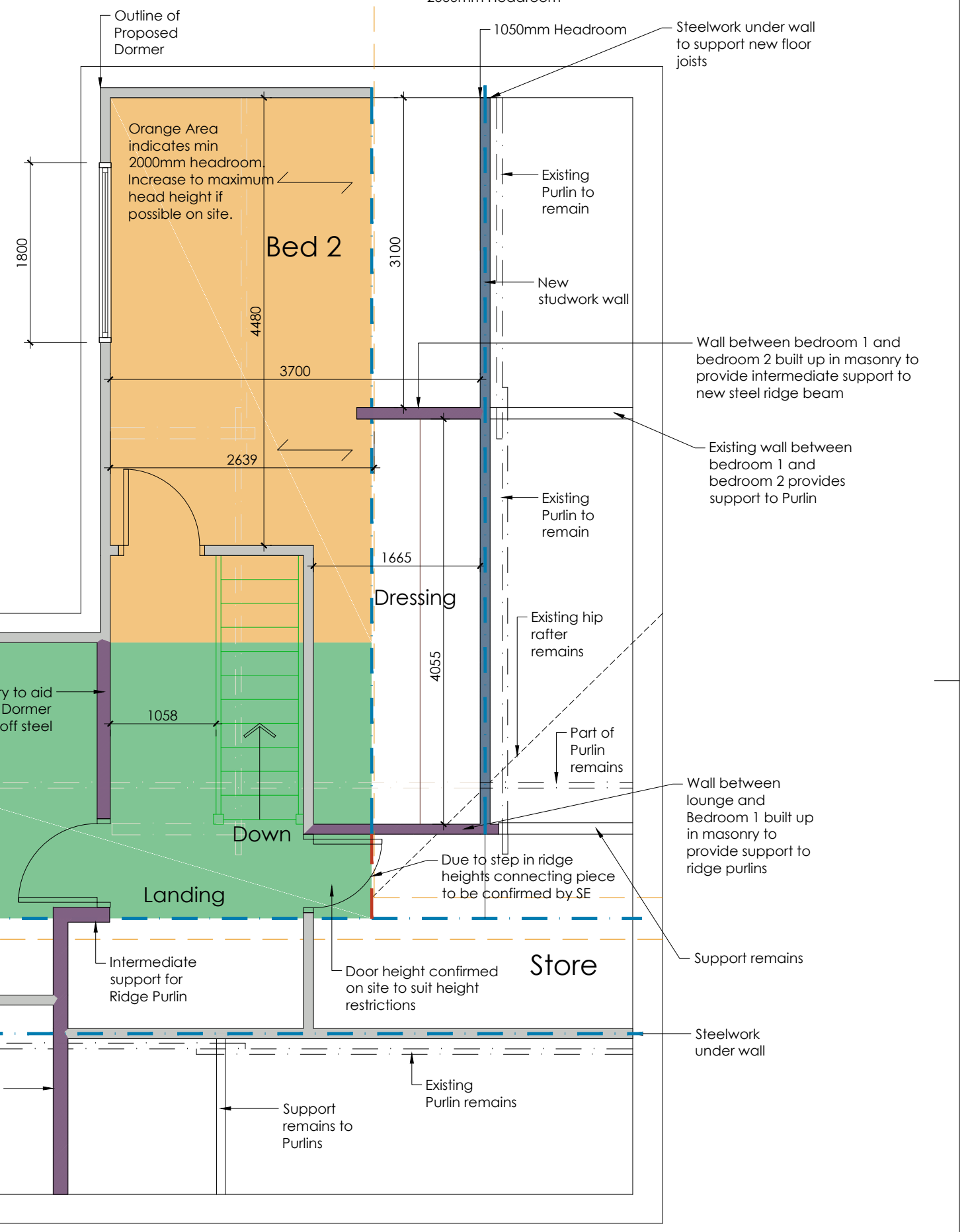
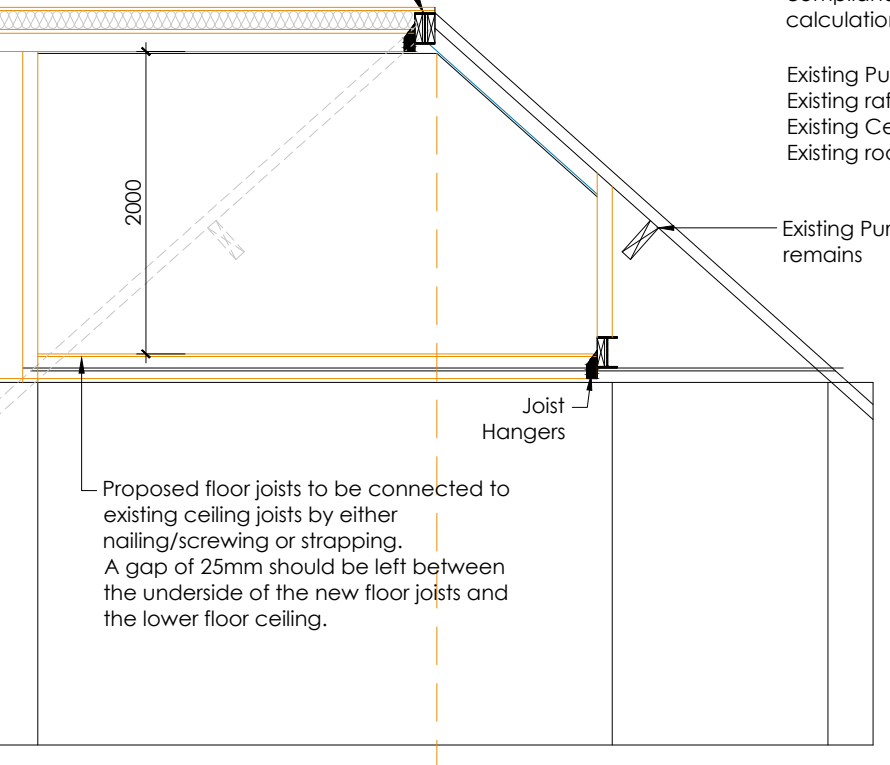
NO PART OF PROPOSED ROOF STRUCTURE TO BE HIGHER THAN EXISTING RIDGE

Suggested ridge detail - steel ridge beam supported on padstones into load bearing walls. All in line with Structural Engineers details.

NO PART OF PROPOSED ROOF STRUCTURE TO BE HIGHER THAN EXISTING RIDGE

Notes:

- Alterations to existing roof structure including removal of structural members etc must be in compliance with Structural Engineers details and calculations.
- Existing Purlins = 275 x 80mm
Existing rafters = 50 x 75mm @ 400c/c
Existing Ceiling joists = 75 x 50mm
Existing roof pitch = 41°



Proposed First Floor Plan
Scale 1:100

DISCLAIMER

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.

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THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CLIENTS SPECIFICATION/EMPLOYERS REQUIREMENTS AND STRUCTURAL ENGINEERS DESIGN DETAILS.

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ARCHITECTURAL SERVICES

Project.
PROPOSED LOFT CONVERSION
6 FIVE ACRES, CAWTHORNE
BARNESLEY, S75 4HZ

Drawing
Title.
PLANS

Date
28/01/2020
20/02/2020
25/02/2020
26/02/2020

Suffix
A
B
C
D

Description
SINGLE STOREY ADDED
REVISED TO CLIENTS REQUIREMENTS
REVISED TO CLIENTS REQUIREMENTS
REVISED TO CLIENTS REQUIREMENTS

Date
28/01/2020
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25/02/2020
26/02/2020

Suffix
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D

Description
SINGLE STOREY ADDED
REVISED TO CLIENTS REQUIREMENTS
REVISED TO CLIENTS REQUIREMENTS
REVISED TO CLIENTS REQUIREMENTS

Client.
MR & MRS PROSSER

Date.
SEPT 2019

Scale.
1:50 @A1

Ref.
16-173

Dwg. No.
02

Rev.
D