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CASE STUDY

LOFT CONVERSION



SAMPLE 1

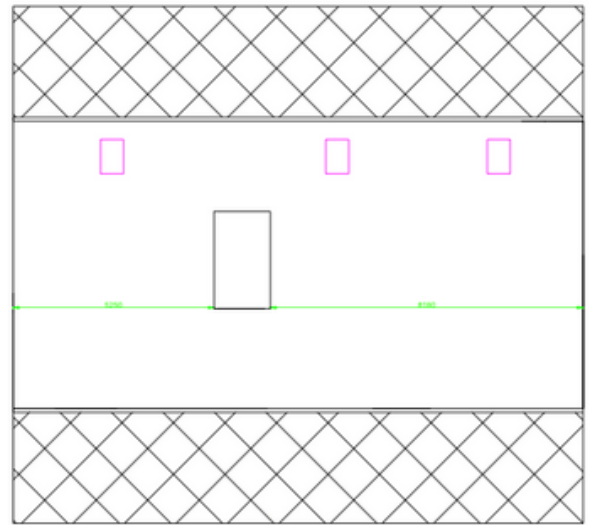
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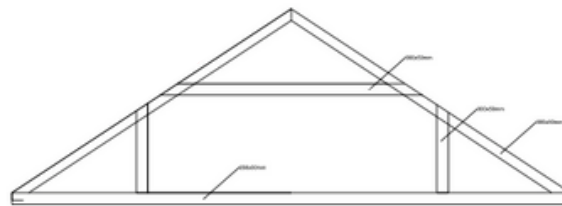
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Existing Flat Floor Plan



Existing Loft Floor Plan



Existing Truss Profile

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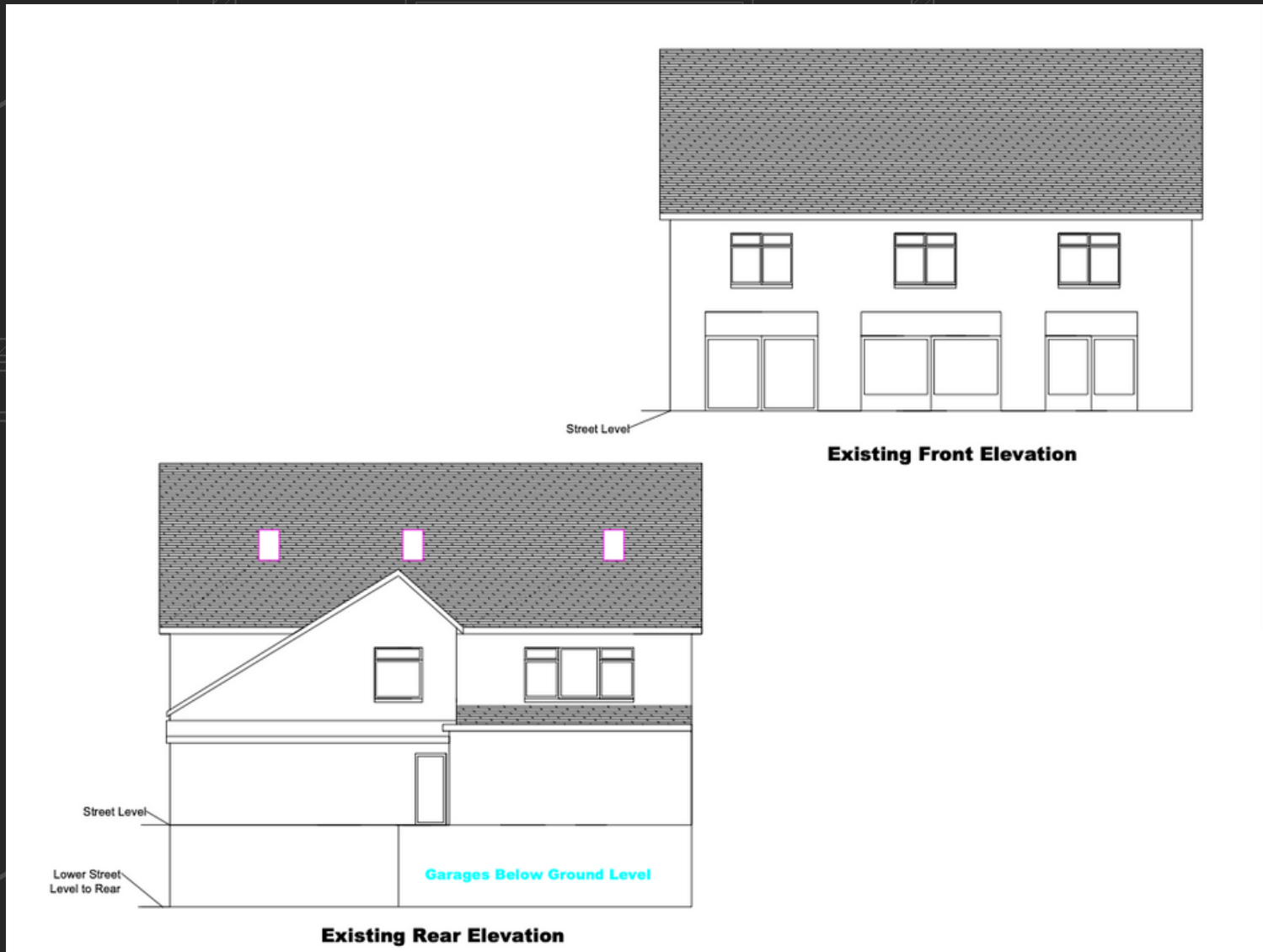
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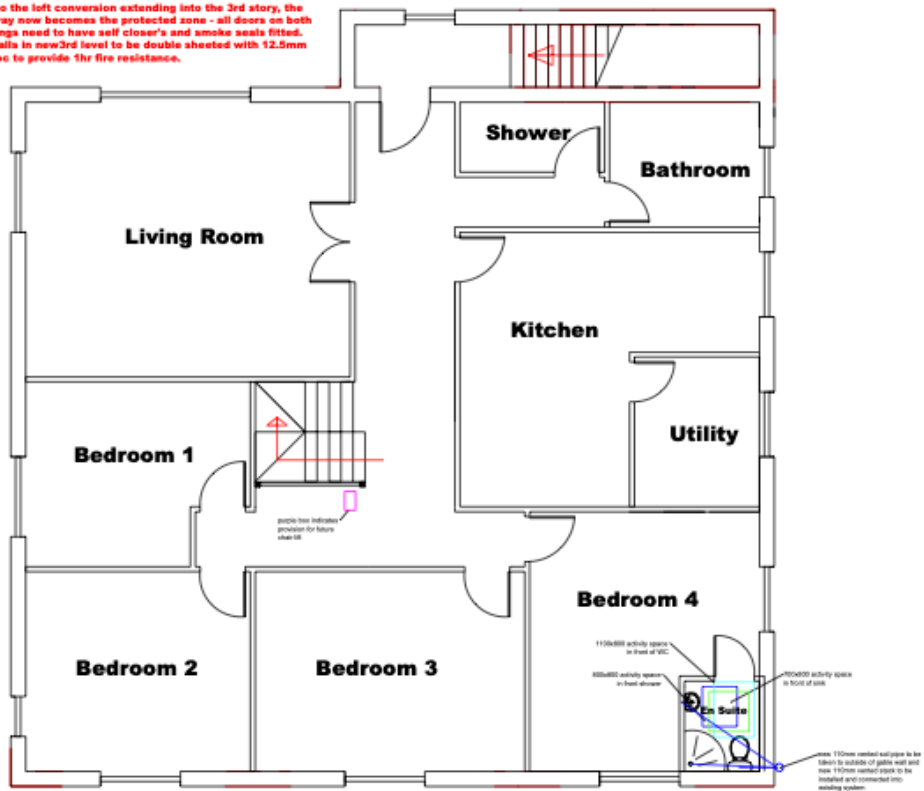
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due to the loft conversion extending into the 3rd story, the hallway now becomes the protected zone - all doors on both landings need to have self closers and smoke seals fitted. all walls in new 2nd level to be double sheeted with 12.5mm gyproc to provide 1hr fire resistance.



Proposed Flat Floor Plan

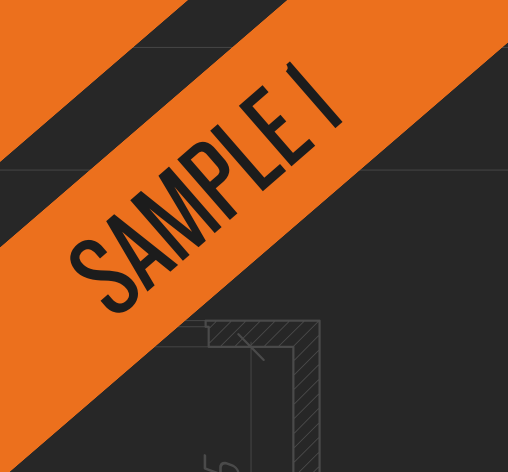
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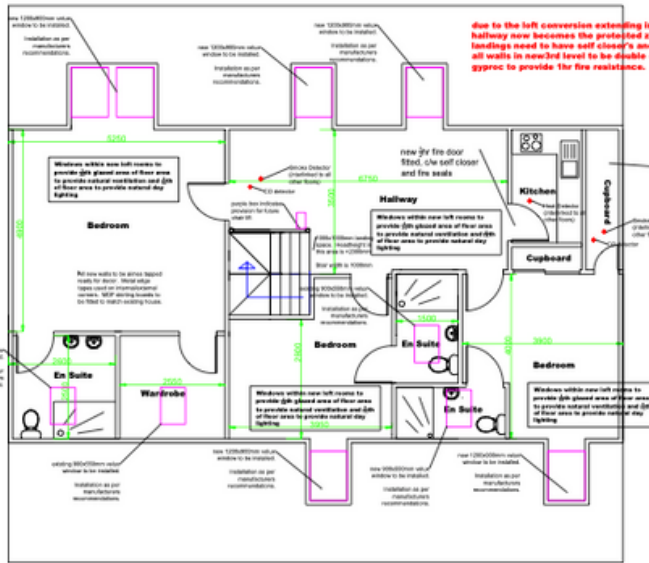
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SAMPLE 1

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STAIR ACCESS TO BE FITTED TO BOTH SIDES OF LOFT TO ALLOW ACCESS TO LEAVE FIRE CURTAIN MECHANISM

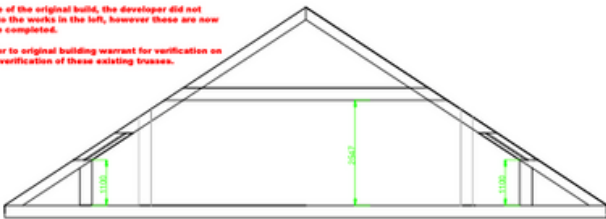
Due to the loft conversion extending into the 3rd story, the hallway now becomes the protected zone - all doors on both landings need to have self-closers and smoke seals fitted. All walls in new 3rd level to be stable sheathed with 12.5mm gyproc to provide 1hr fire resistance.

Proposed Loft Floor Plan

When this property was originally built, the loft trusses were designed for this conversion to take place.

At the time of the original build, the developer did not complete to the works in the left, however these are now going to be completed.

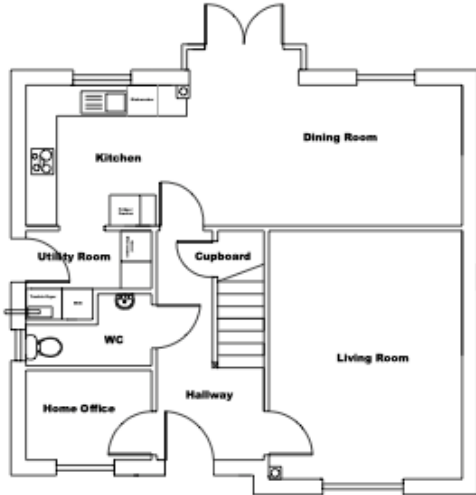
Please refer to original building warrant for verification on structural verification of these existing trusses.



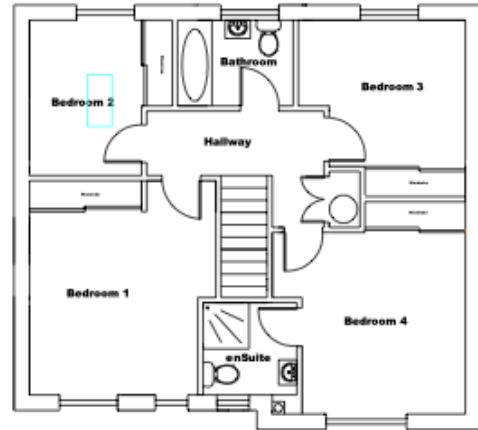
Proposed Truss Profile (no changes)

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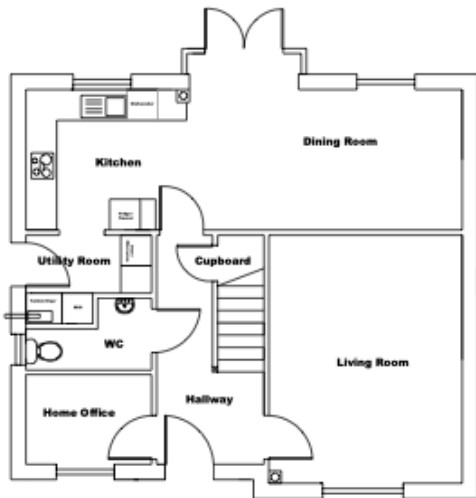
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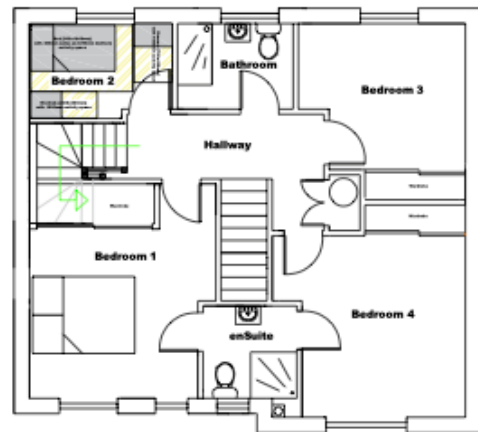
Existing Ground Floor Plan



Existing First Floor Plan



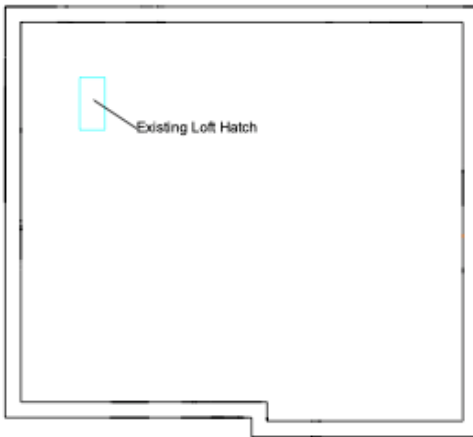
Proposed Ground Floor Plan



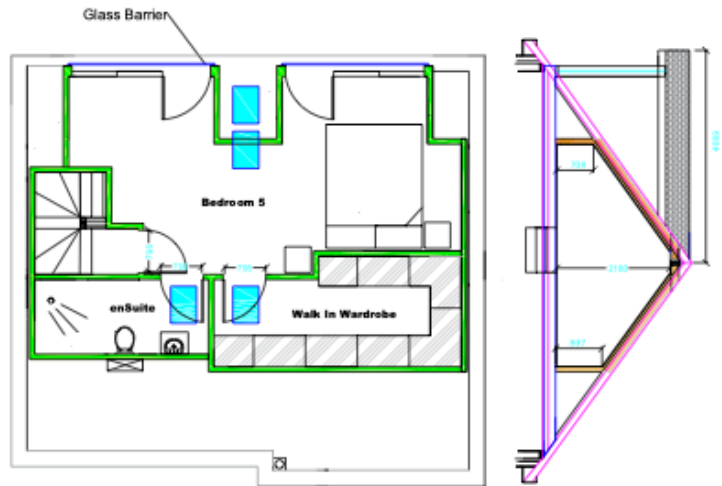
Proposed First Floor Plan

REFER TO STRUCTURAL
ENGINEER DRAWINGS FOR FULL
CONSTRUCTION SPECIFICATION

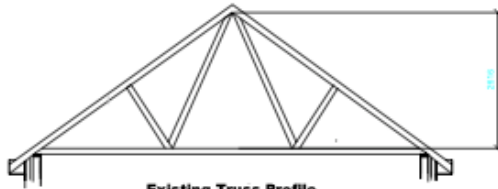




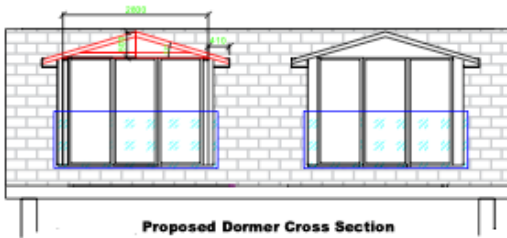
Existing Loft Floor Plan



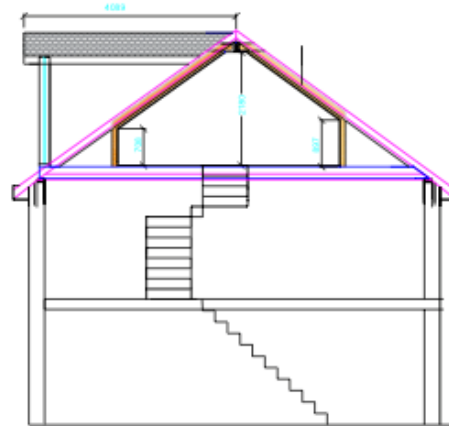
Proposed Loft Floor Plan



Existing Truss Profile

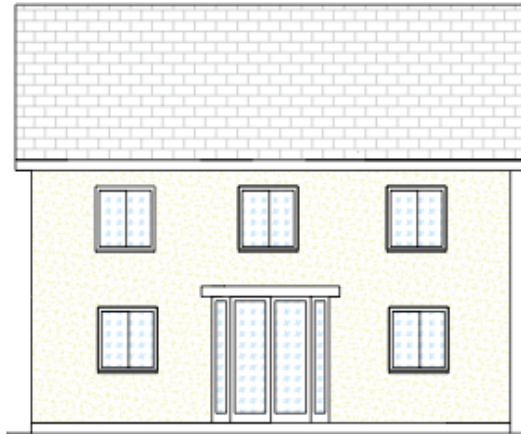
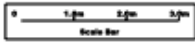


Proposed Dormer Cross Section



Proposed Cross Section

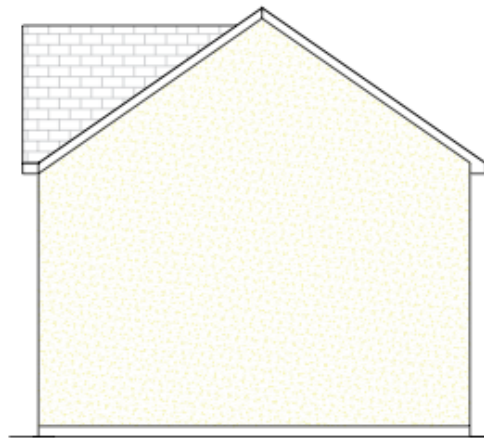
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Existing Rear Elevation



Existing Side Elevation



Existing Side Elevation (2)

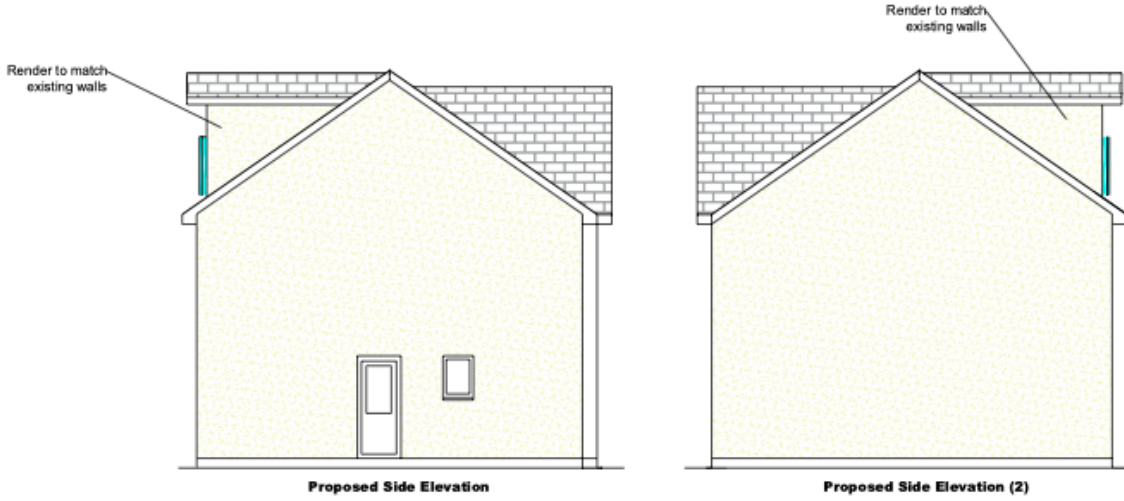
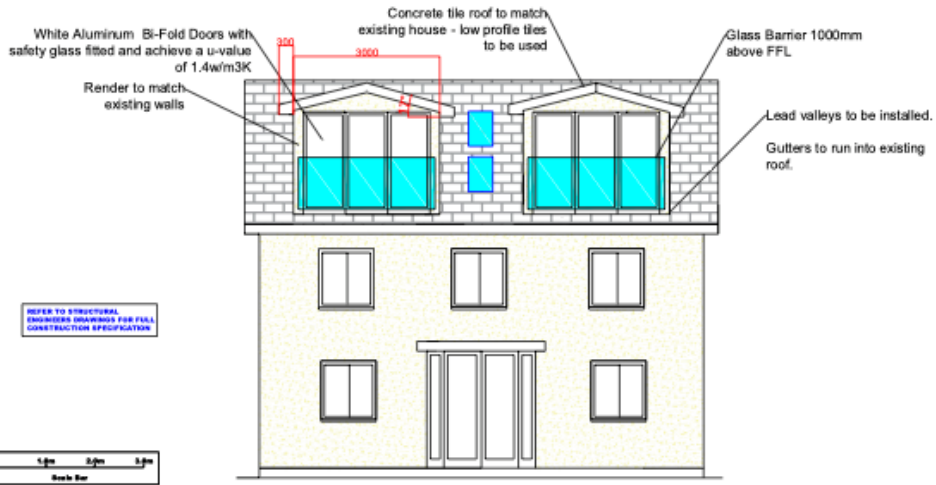
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