

Description of the project:

This client for this project has a home which had a rather small bay window which continued up to the first floor. The client wanted the whole bay window removed and replaced with a bay window on the ground floor and a balcony above on the first floor. Both design and technical drawings were required so that the client could achieve planning permission and also get accurate quotes for the build.

This project was valuable to me due to the amount of communication I had with the client and manufacturers trying to locate specific products. The technical element was overseen by a director at the practice and this mentoring was invaluable and taught me essentials to construction detailingand the importance of research. The project received planning permission.

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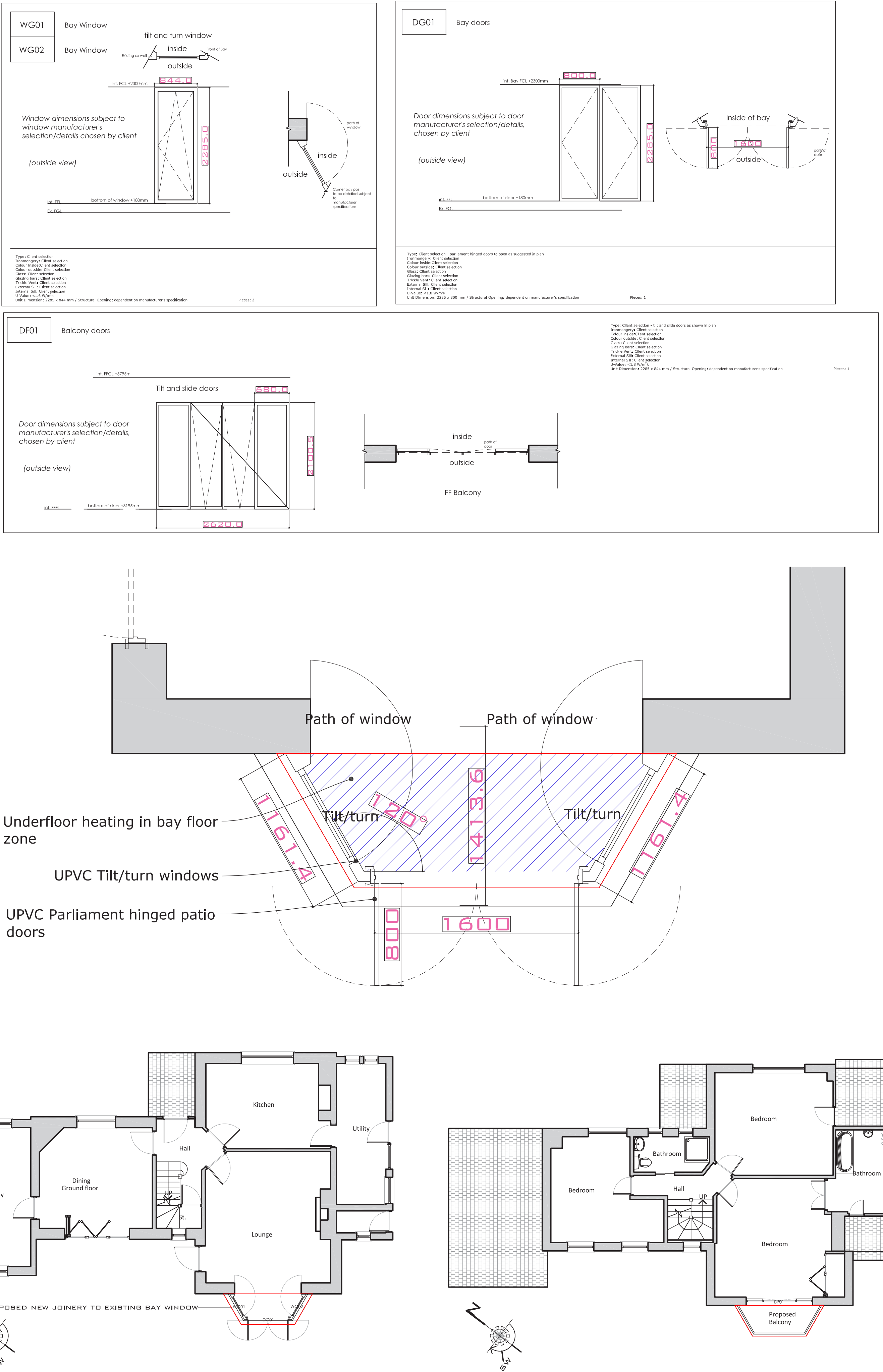
Image description

Image 1 : This image shows a simple window schedule I was asked to draw so that the client could bring the drawings to window manufacturers for quotes.

Image 2 : This drawing is an indicative technical plan for the proposed bay window on the ground floor of the property.

Image 3 : These plans are the proposed ground and first floorsimple interventions to the existing bay window.

Image 4 : These drawings show the elevations of the proposed design, expressing the improved bay window and addition of the balcony above.





Jacob Palmer

Ba(Hons) Architecture

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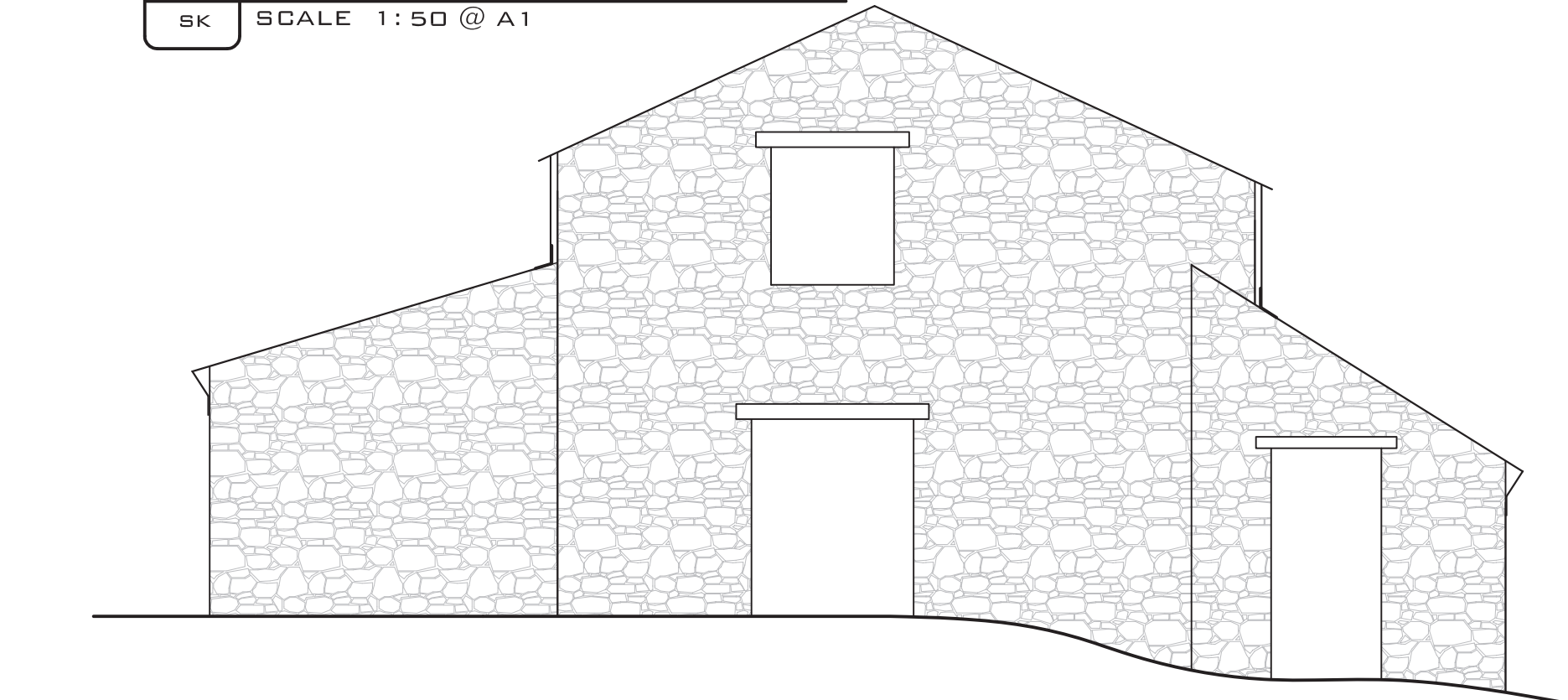
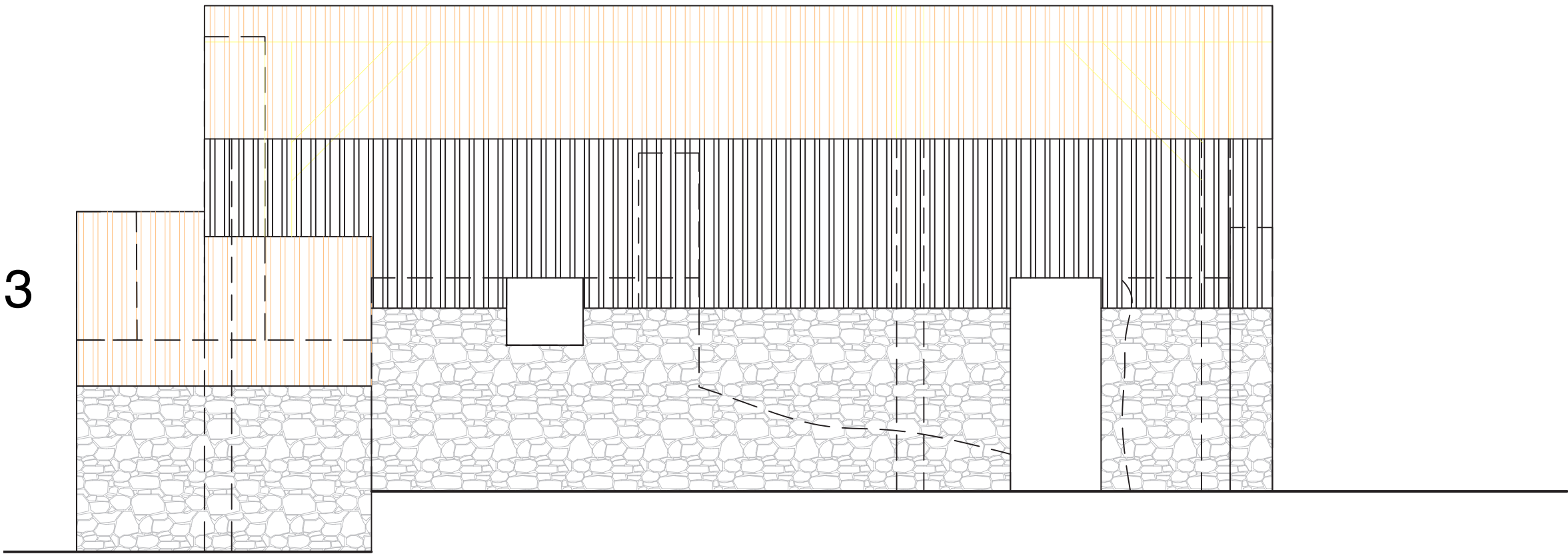
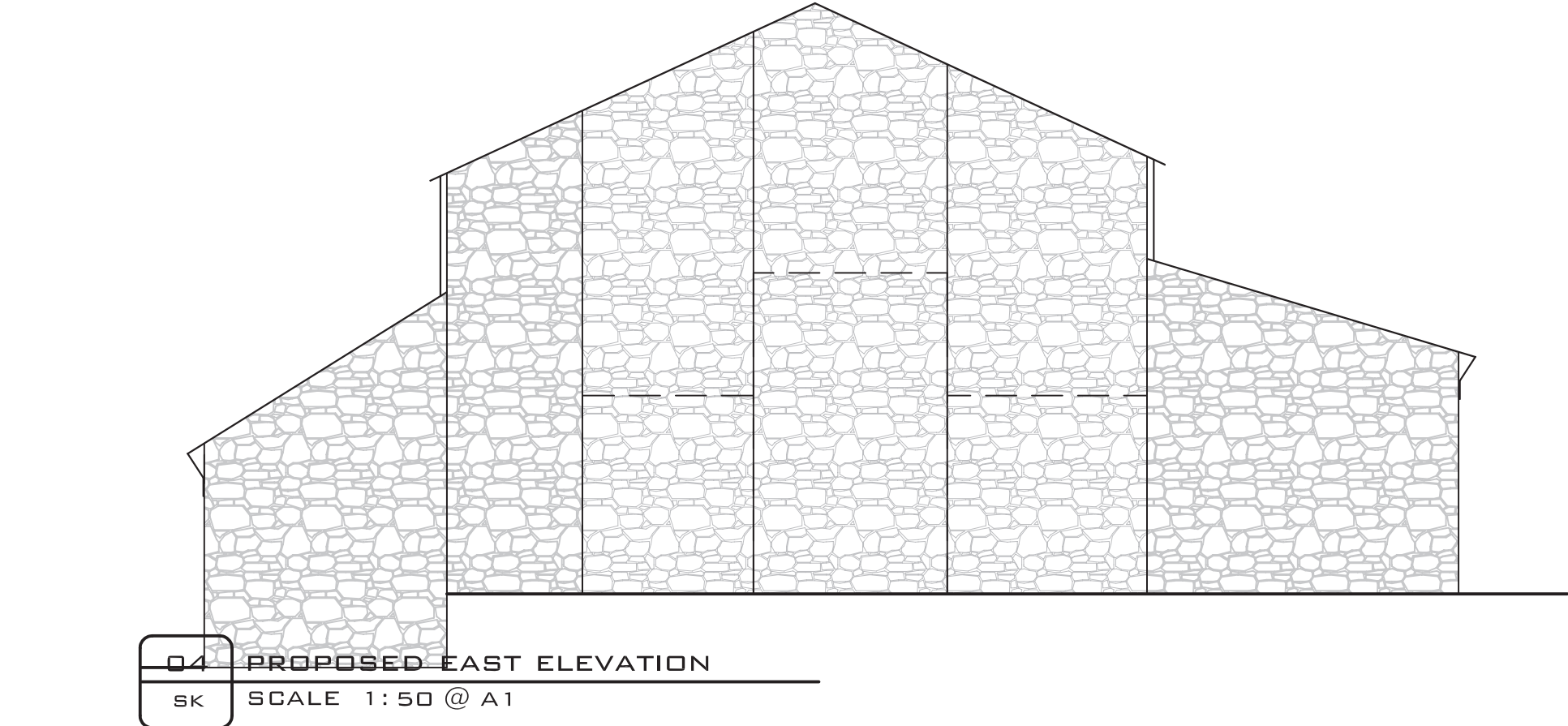
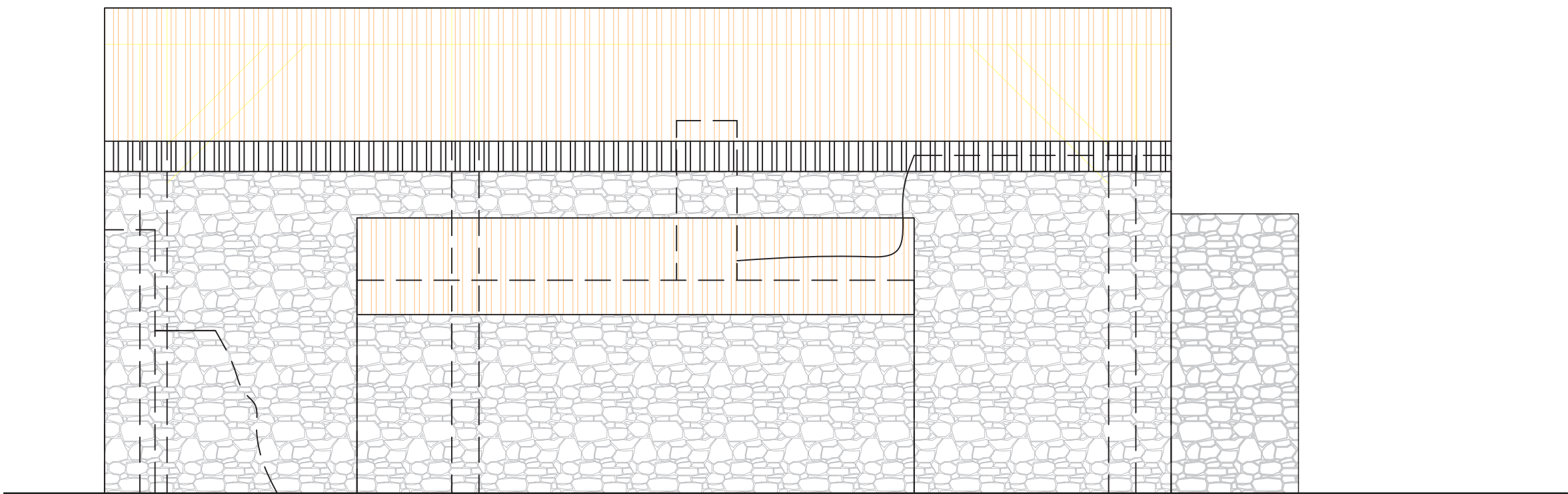
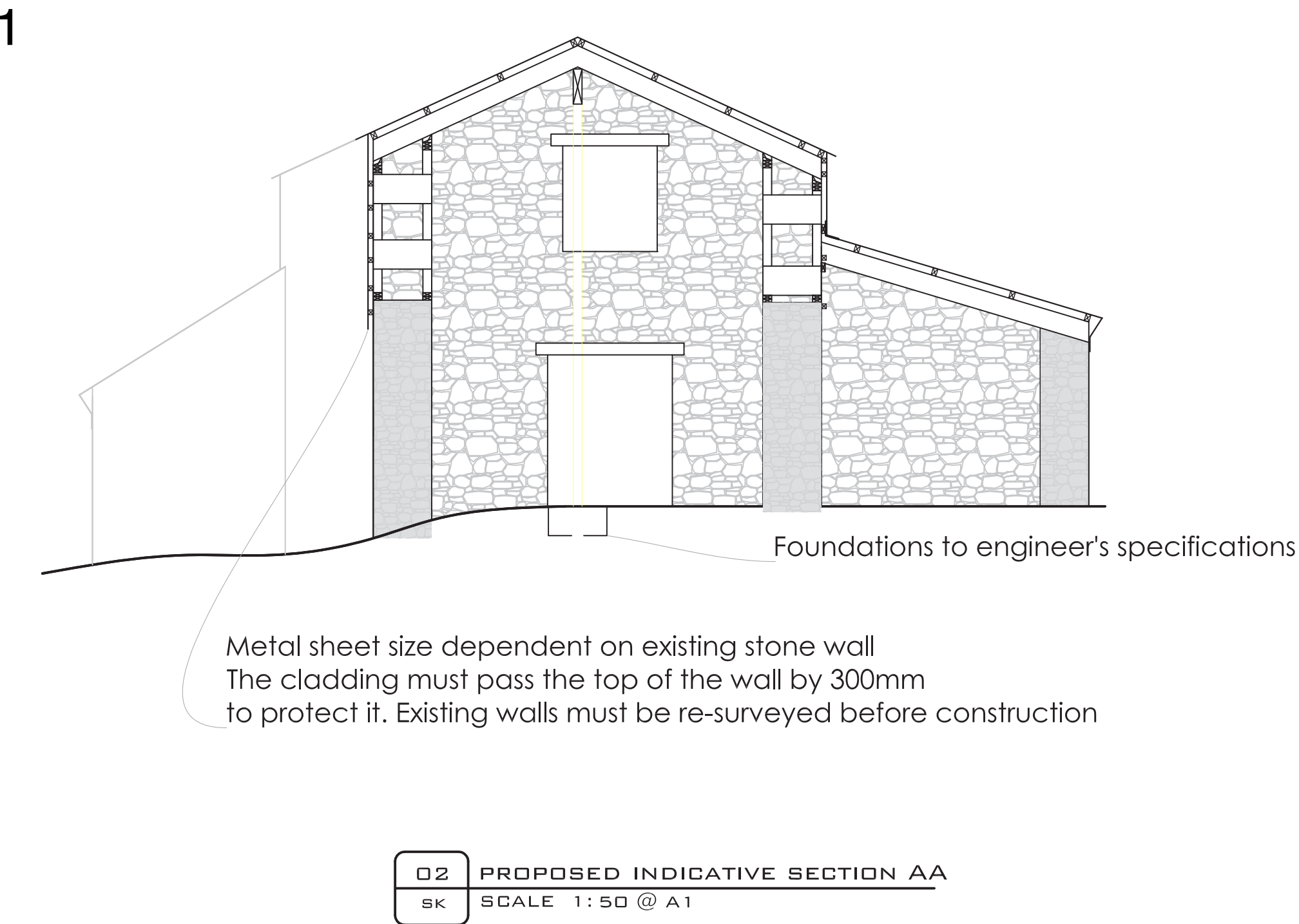
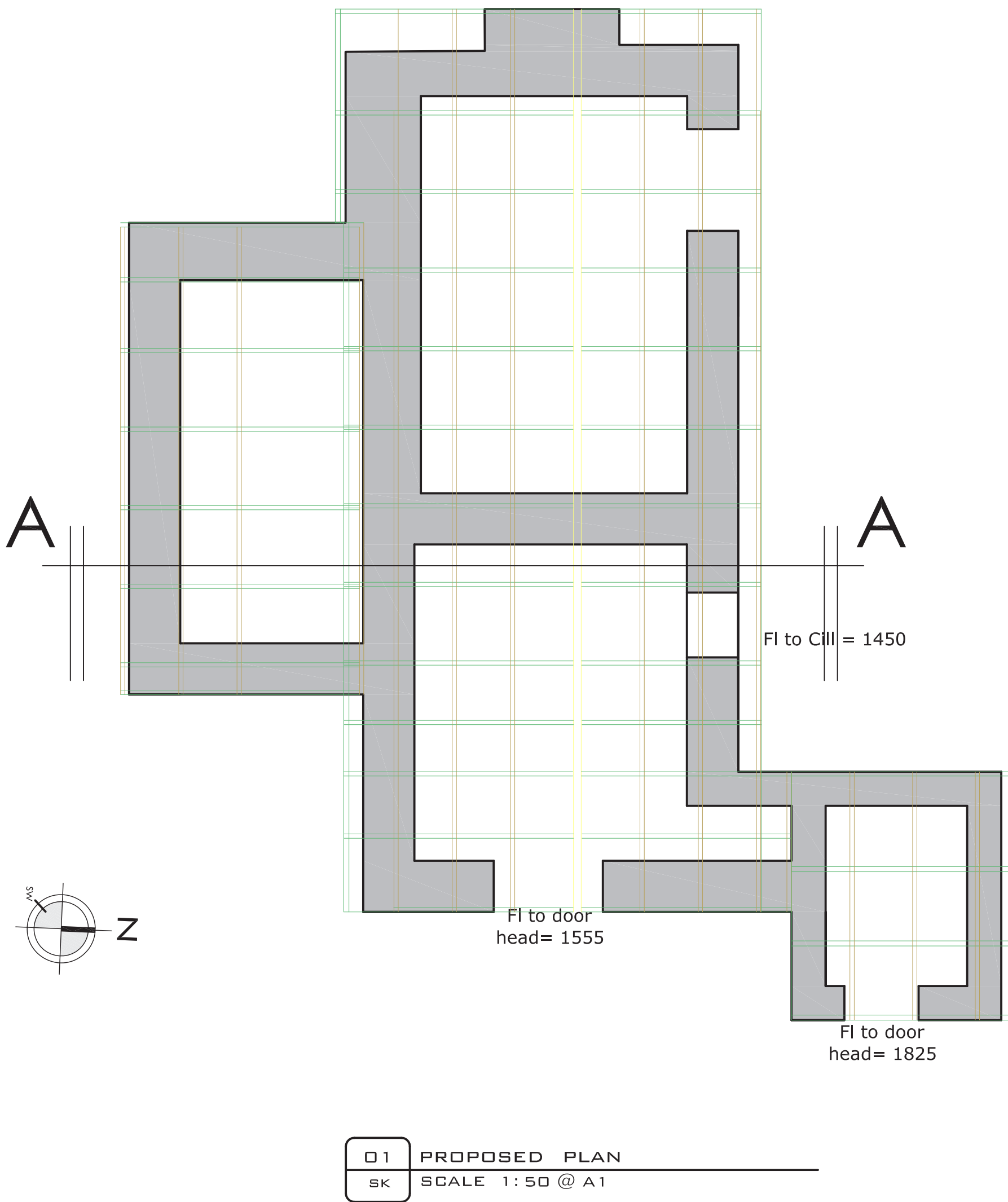
This client wanted to repair his barn at a low cost. He wanted a simple and effective scheme to make the barn structurally stable so that he could use the barn as storage. This meant that the scheme did not require a lot of elegance in the materiality but instead required a practical proposal.

Image description

Image 1 : This drawing is an indicative rafter and perlin plan for the derelict barn.

Image 2 : This drawing shows an indicative technical section showing the a proposal for repairing the barn using timber frames built of the existing walls to carry the new roof along with large posts to support the ridge.

Image 3 : These elevations show the proposed intervention on the barn. The low cost element was important and show corrugated steel sheets have been proposed to clad the timber frames and extend past the existing stone walls to protect them from further damage from weathering.





Description of the project:

This client wanted to build a detached garage. He wanted the garage to adopt the character of his existing house including the use of an exposed timber truss for both structural and aesthetic reasons. This project was good because it was very basic in terms of the technology which made me quickly understand and apply the fundamentals of construction.

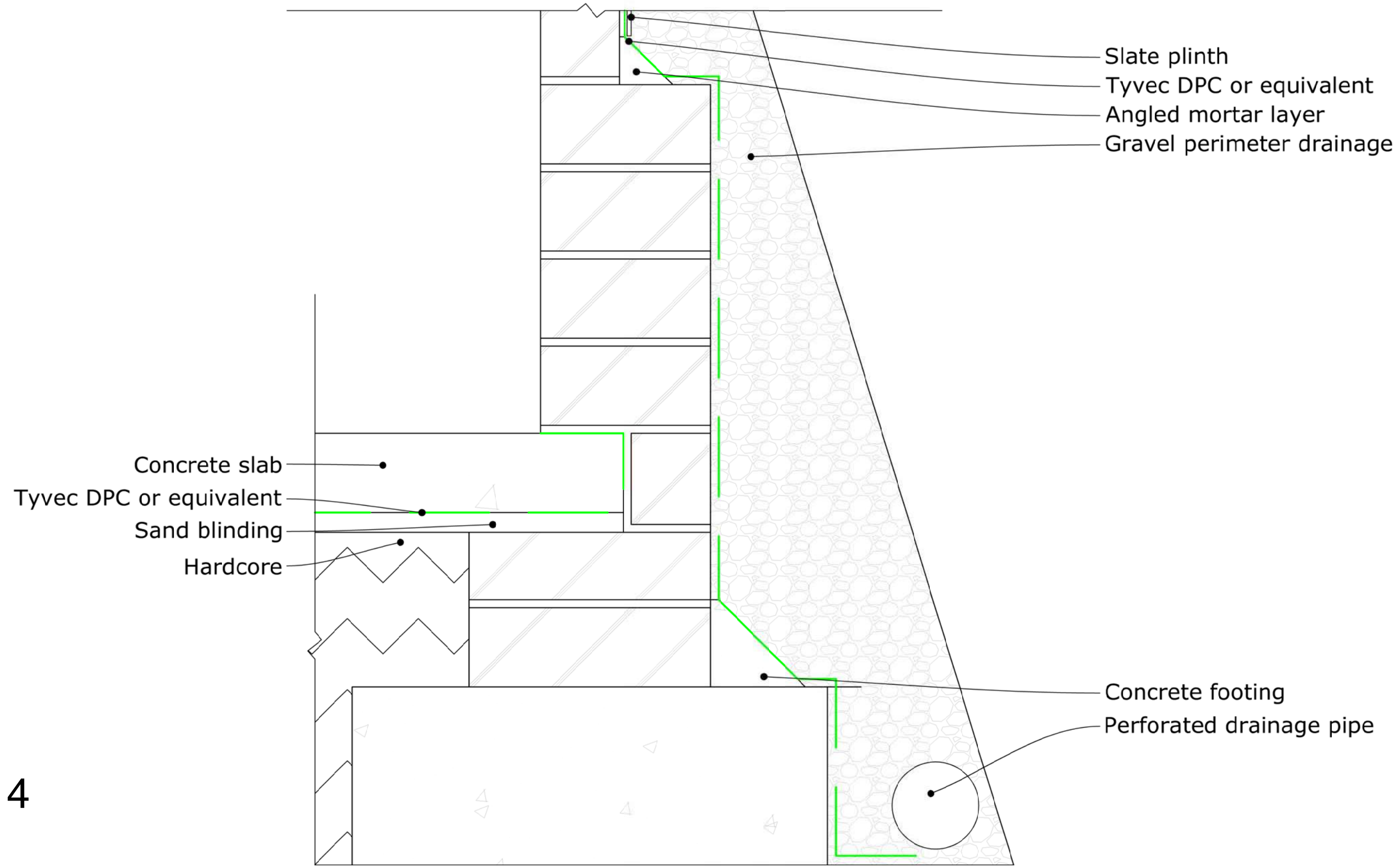
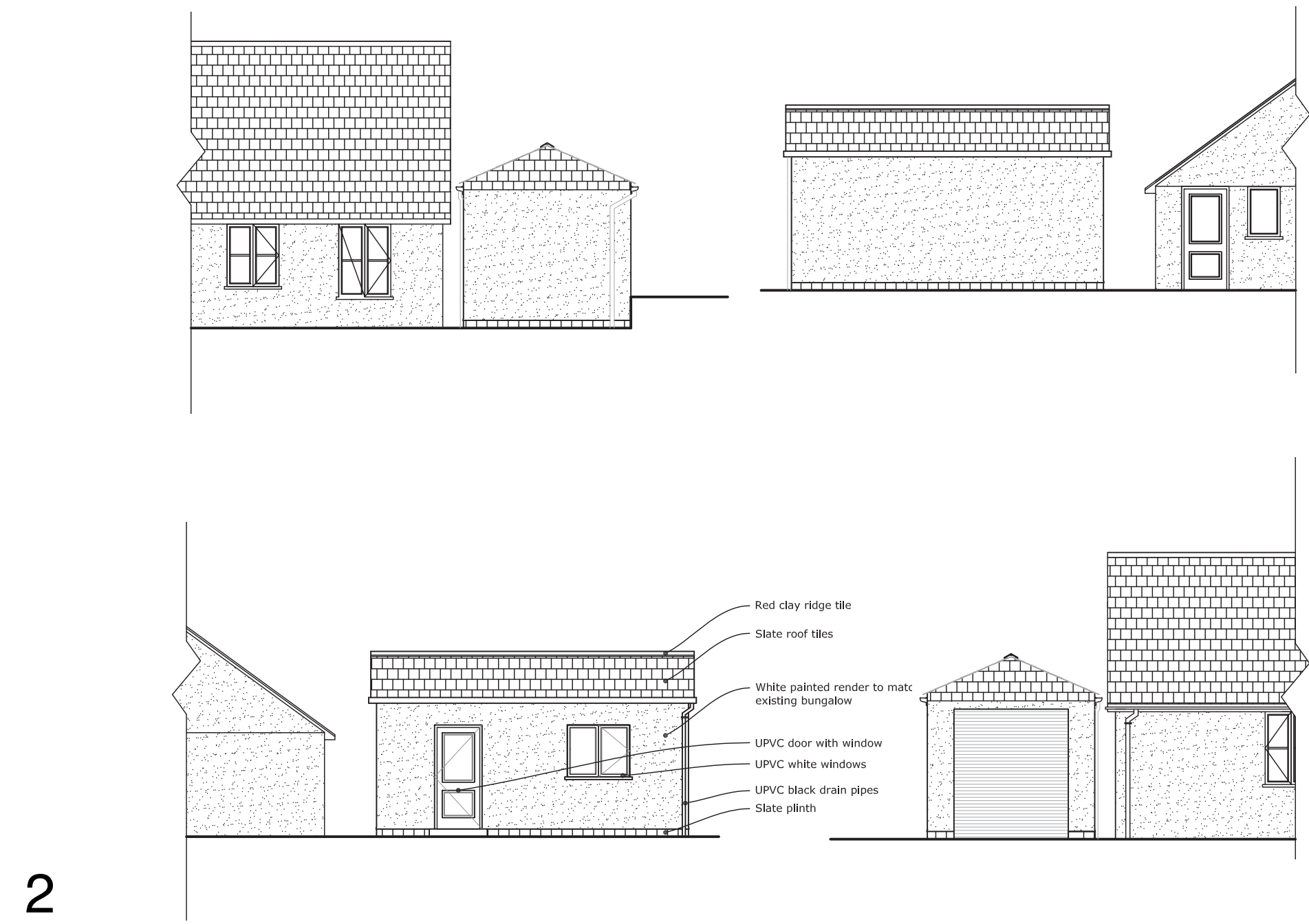
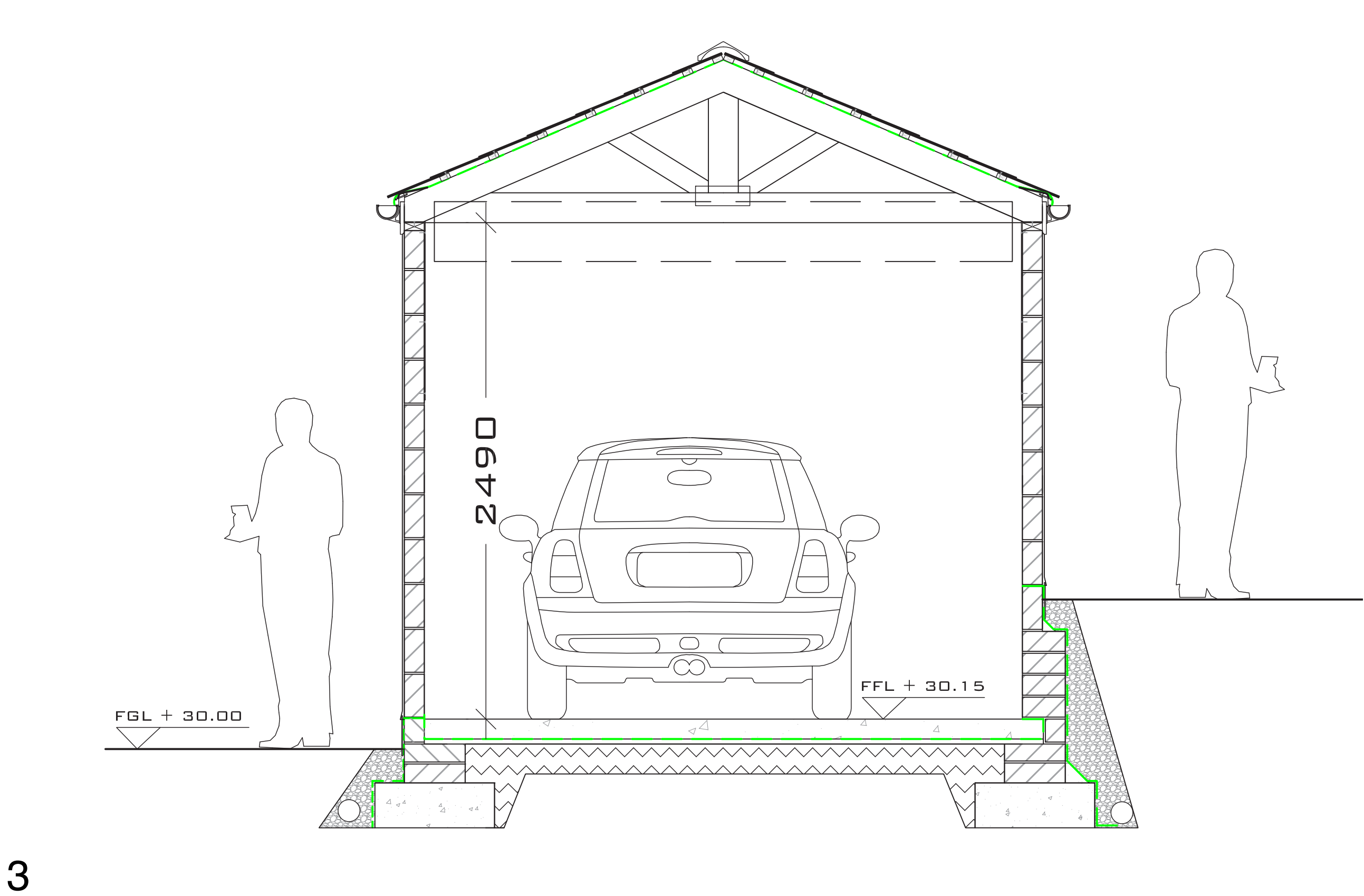
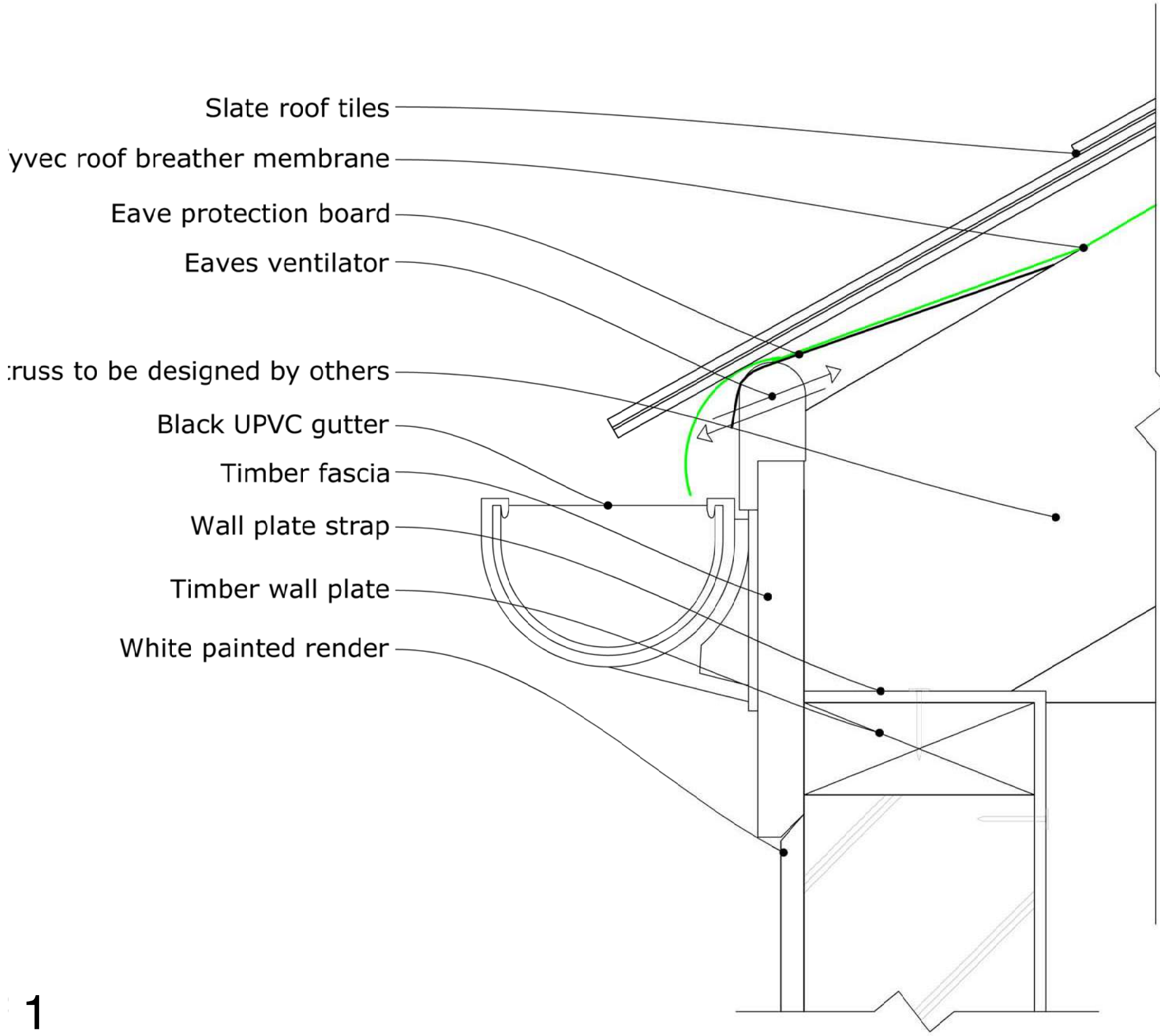
Image description

Image 1 : This drawing is an indicative eave detail for the garage.

Image 2 : These elevations were drawn for the client to show its position form the existing house.

Image 3 : This drawing is an technical section for the garage showing the truss solution and connection to the ground including the retaining element to the next door's raised garden.

Image 4 : This technical details shows the retaining part of the wall located adjacent to the neighbour's raised garden.





Description of the project:

This build was 4 months or so from completion and the client wanted to integrate birds and bats into the building. The time scale for this design was short so the deadlines were important; budget was also a concern meaning the design had to come from low cost materials which the builders could put together on site.

This project was challenging and exciting and caused me to research birds and bats, contacting relevant bird protection groups ensuring the products and the design used was compatible with different breeds.

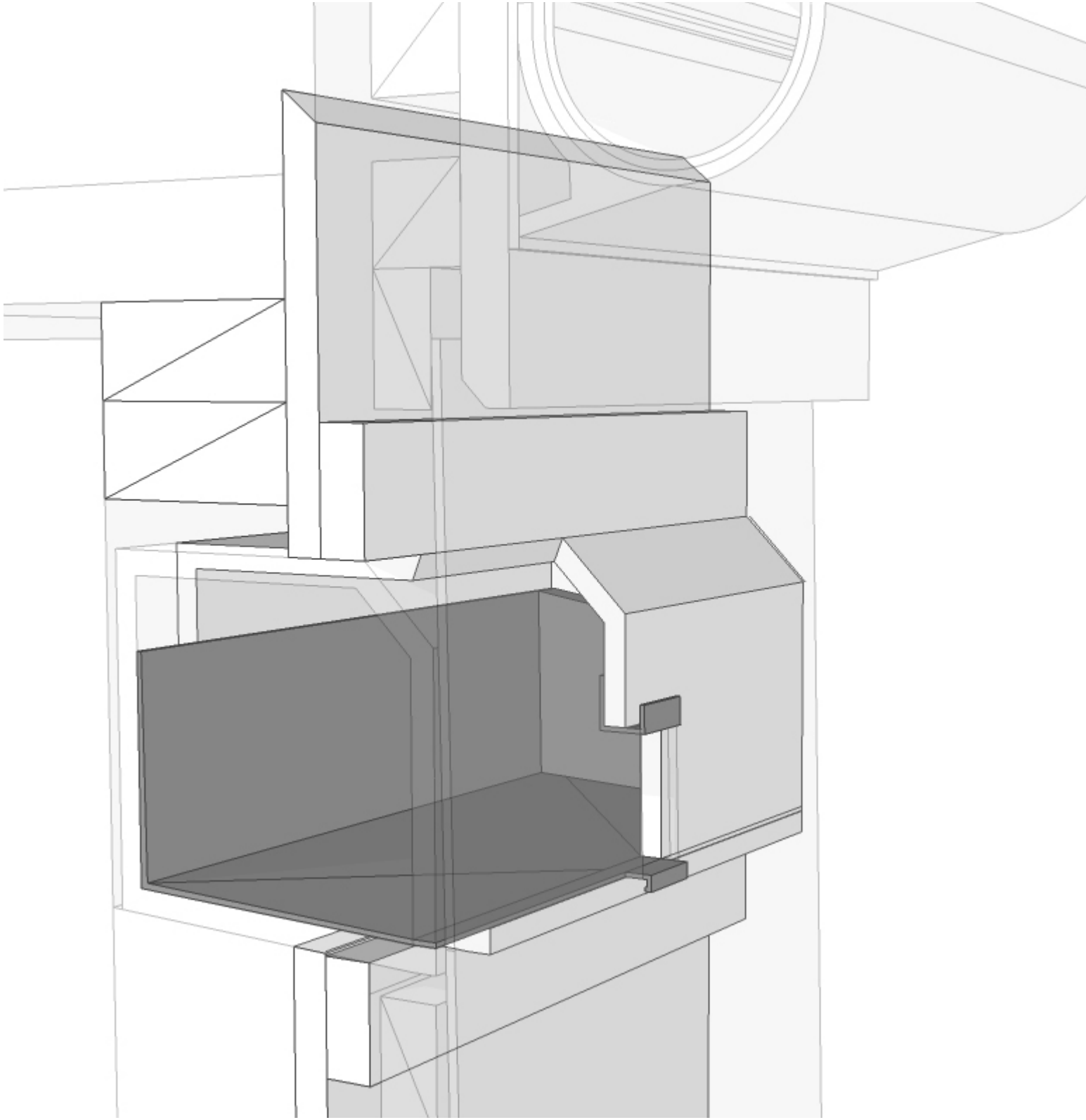
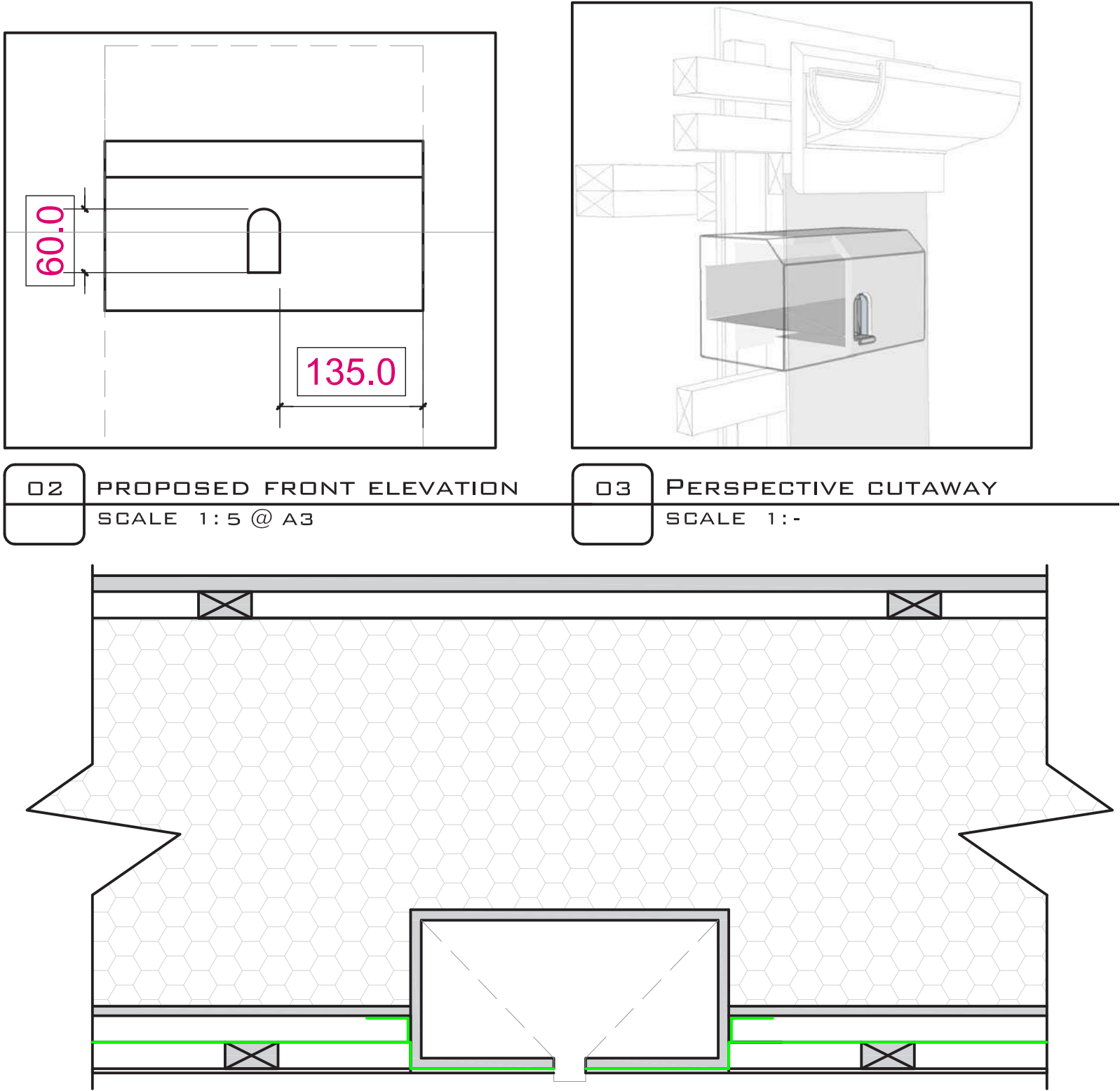
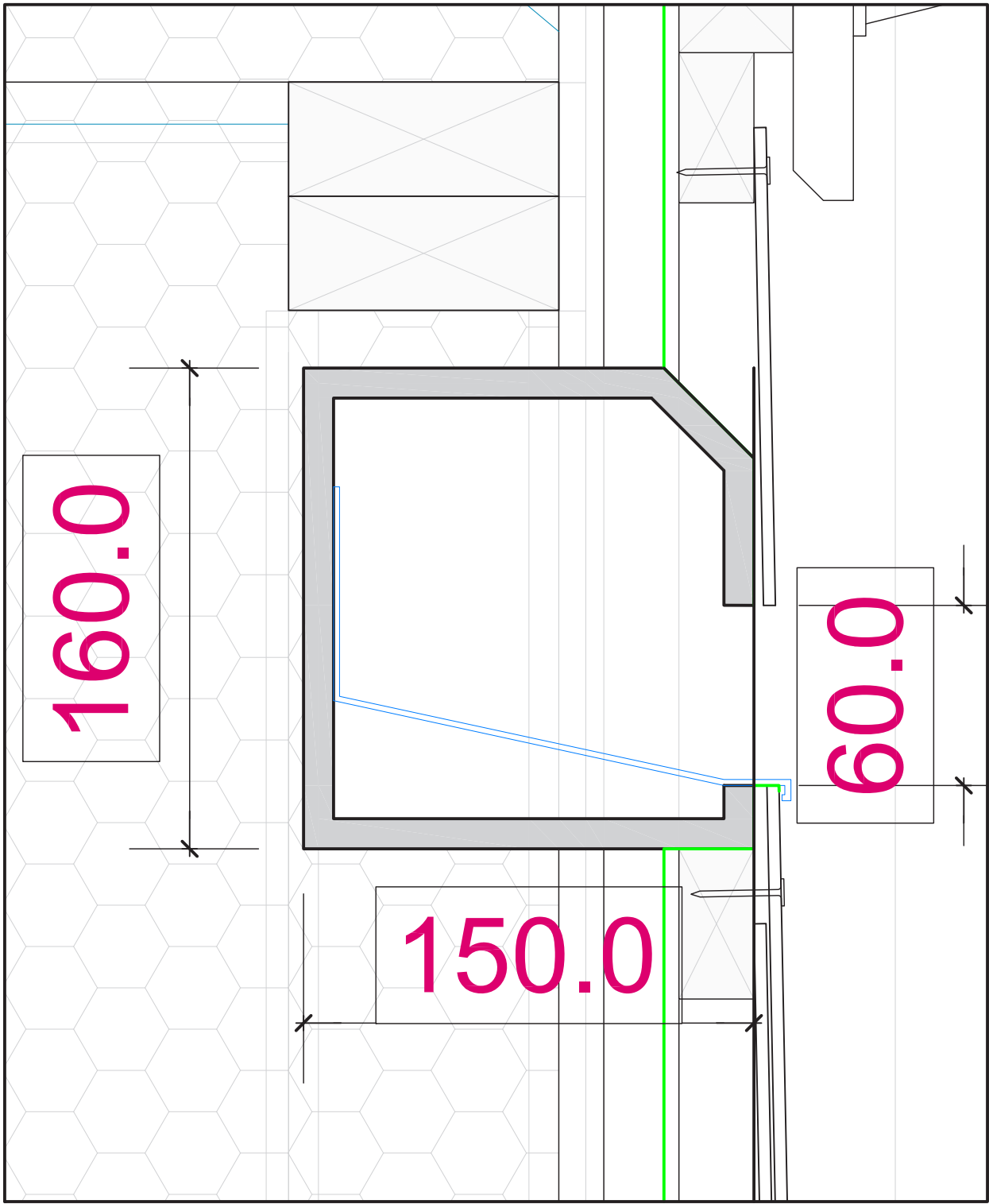
Image description

Image 1 : These drawings are technical drawings to be given to builders on site to construct. The second drawing is a 3d representation of the bird house and how it integrated itself into the wall cavity.

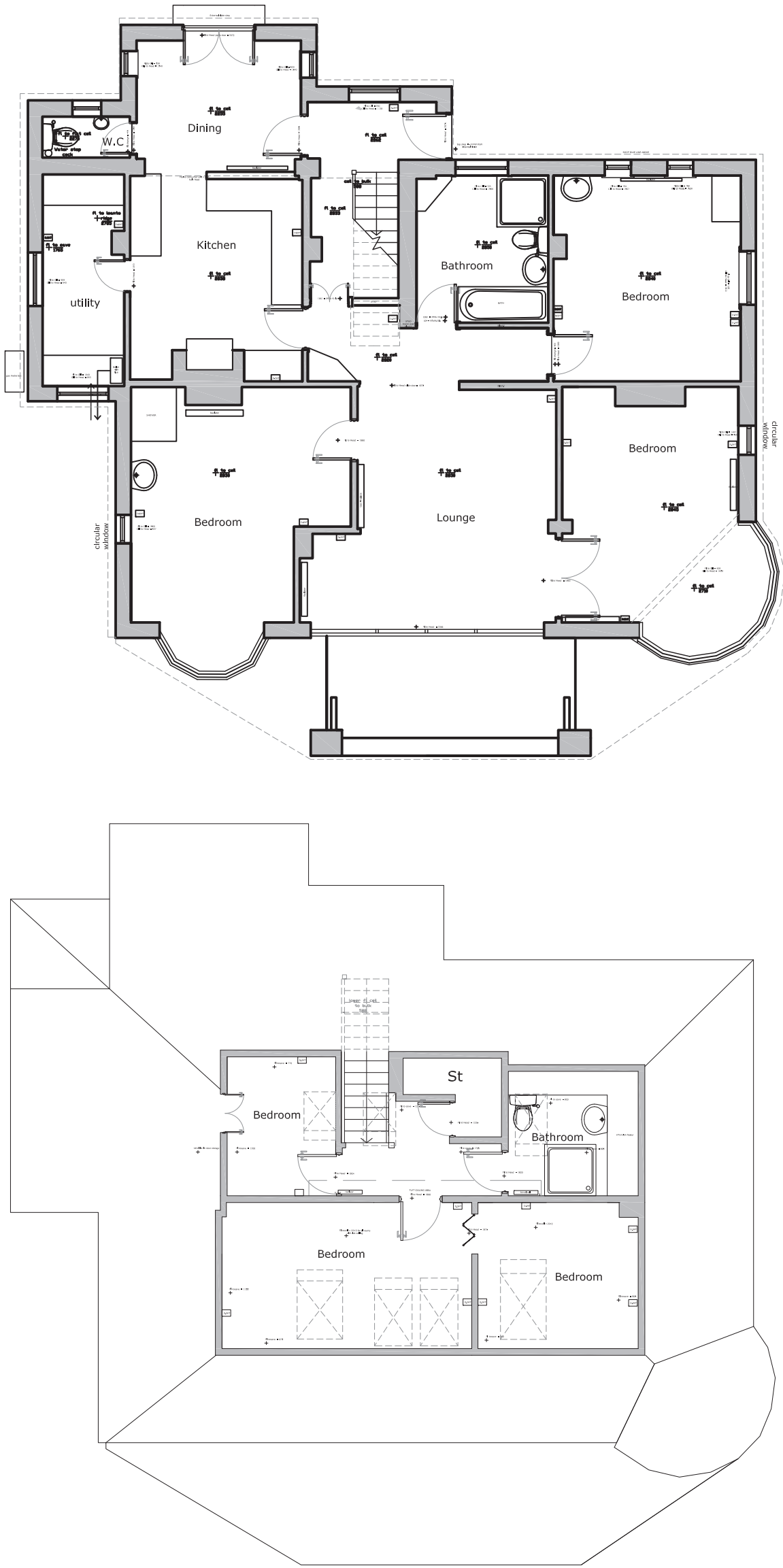
Image 3 : Measured survey completed for a lighting designer.

Image 4 : Measured survey completed for alterations.

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