Changes to Design

Roof:

Eaves height has been raised by 1m to make a usable roof space. The previous design did not allow for moving around freely and this has been adjusted to make this work for the client, it is important to note that the ridge height has not changed on the building merely that the eaves have moved up to allow for the above.

East Elevation:

Dormer windows in the roof have been adjusted to be slightly wider apart as the previous design did not account for the structural columns, which would make the dormer windows obsolete.

Garage doors have been added to the whole front face of the garage to allow for secure storage.

North Elevation:

As a retaining wall is needed this has been shown in the new design drawings along with an approximate ground level to aid this. All exposed masonry will be over clad in timber to stick to the original design.

Overall:

The design changes that have been made are to make the building functional for its intended purpose. The building is now a steel-framed structure that will be clad in oak to give the impression that it is made of this material as in the same way a brick house may be timber frame clad in brick. A detail of this can be seen on the submitted drawings. The reason for making the building out of a steel frame instead of an oak frame is that there are major impracticalities in sourcing the materials at the required spans. The footprint of the garage has not changed size, the new design of the structure is infact $1m^2$ smaller than that of the original. With the above changes to the structure and each elevation being made out of necessity.