Sustainability Statement

House Conversion to Rear of 3 Wood Road.

The existing building is a one brick wide walled workshop with day roof tiles and asbestos roof coverings. It also has an existing concrete floor with approximately 30% of the building having a timber first floor. The current windows are in timber in a dilapidated condition.

It is proposed to recover the existing asbestos / clay roofing tiles roofs with second hand slated to form a cohesive design.

All new brickwork is to be constructed using second hand bricks rather than new to match existing brickwork.

All new timberwork including both carcassing and finished timbers are to be purchased from sustainable sources. The insulation proposed to external walls, floors and internal partitions is to be a fibre insulation which is made up from 85% recycled plastic bottle. The insulation is recyclable. The new windows are proposed in timber from sustainable sources.

The toilet systems are to use collected rainwater to flush the systems.

All light fittings are to be energy efficient fittings both internally and externally.

All white goods to be used are to be 5 star rated being the most energy efficient.

Overall the insulation values to be used in the walls / roofs and floors are to be greater than current building regulation requirements.

Overall as the project developments energy efficient systems and detailing is to be considered and incorporated were possible.