

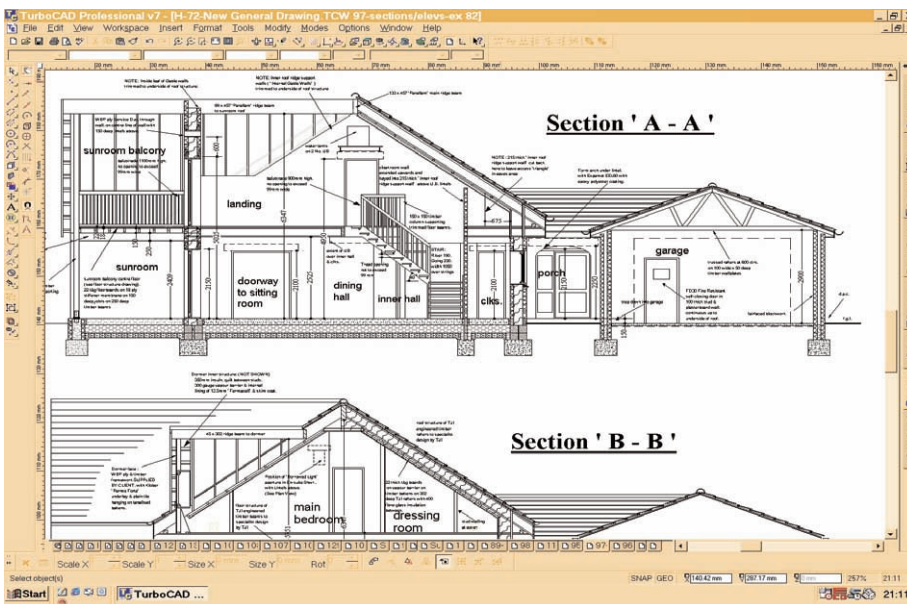
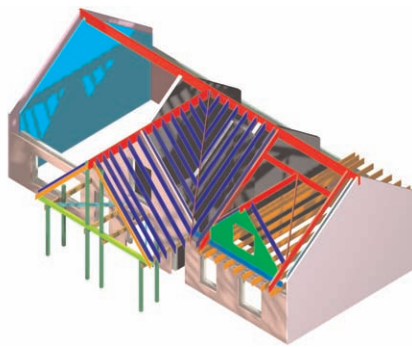
## The Customer:

Roger and Jeannette Redman not only used TurboCAD to design their entire house, they also went on to use it to design some of the furniture to go in it.

Holcombe Passive House has been designed to be heated purely by Passive Solar heat and the surplus heat from the occupants, lighting, TV, etc. It will use little or no fossil fuels for either heating or cooling.

This has been achieved by extensive thermal insulation and triple glazing for all windows. All lighting is low energy and a whole house ventilation system will provide air circulation with heat exchange in the winter and cool air in the summer.

The house was designed using TurboCAD by the owners, no Architect was employed and a large proportion of the construction was also carried out by the owners.



*"We used TurboCAD extensively for initial scheming of the house, then for much of the design and drawing work needed for Planning Permission.*

*During scheming we considered 36 major layouts and then when we had settled on the basic layout we moved walls and windows through 18 variations until we had the best layout for the space and cost. Using TurboCAD allowed us to keep the cost down during this early stage.*

*I then used Turbocad to produce all the working drawings for Building Regs for the builders themselves and for the plumbing and wiring layouts which my wife and I installed.*

*All the windows and external doors were designed on TurboCAD and drawings sent to Swedish Windows for their detail design and manufacture.*

*TurboCAD was particularly useful for stair design and to get the most volume within the Dormer roof structure - I used both 2D and 3D solids for a lot of the work.*

*Although we say this ourselves -The result is superb.*

*Overall we could not have produced this house without Turbocad".*

**Roger Redman**

To find out more about TurboCAD, contact Software Paradise

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