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# TurboCAD aids teaching of Carpentry, Joinery and Cabinet Making

**Geoff Malthouse first came across TurboCAD while looking for an inexpensive CAD programme to draw plans of woodwork projects and house layouts.**

Geoff is a retired college Lecturer/Trainer/Assessor and found that he needed an easy and accurate way of producing drawings and illustrations to print hand outs supporting his teaching of Carpentry, Joinery and Cabinet Making.

**“** There is a great need for accurate, informative drawings and illustrations in woodwork to explain the many principles and procedures.

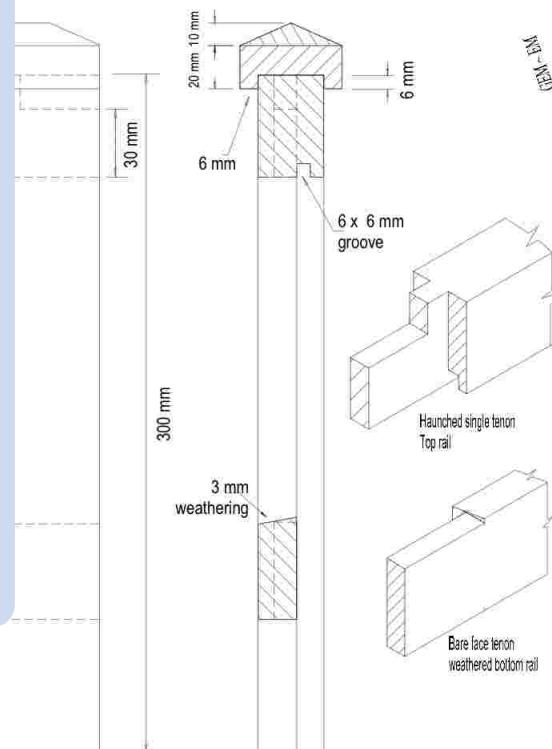
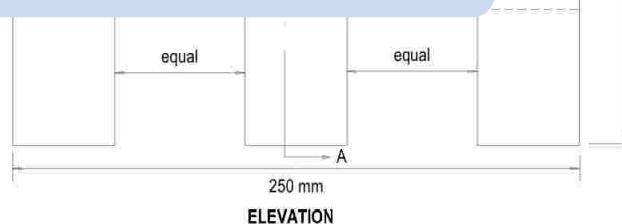
I found being a lecturer that I could get a students' edition of AutoCAD and this seemed to answer my needs. But it was hard going and difficult to learn. AutoCAD has its own way of doing things that are often not obvious.

Eventually I found TurboCAD and immediately advanced in my CAD work with its intuitive way of doing things. One could literally start drawing using the icon lead tools menu and use snaps without the need of constant reference to the manual.

I now use 3D models for all my cabinet designs and I find that making the effort at the design stage and constructing each piece in TurboCAD, the model goes together as if it was being built in the workshop. If it doesn't go together in the 3D model it won't go together when you build the prototype.

From the 3D Models one can view in the standard isometric views and create the standard First or Third Angle Projections and sections to produce working drawings together with photorealistic illustrations for marketing purposes.

TurboCAD is easy to learn because of its intuitive features. Most basic tools require no explanation, while snaps and constraints are relatively easy to learn. Layers, colour fills, patterns and groups work just as in other drawing packages. **”**



SECTION AA

Scale 1:2 FAP