

Curling Design Services

Residential Projects

In her first two weeks Curling also put the software to work on several residential projects.

"It's really exciting to be able to see a client one day and deliver sketch plans within a matter of days, or maybe even the very next day."

She says that in addition to being appreciative of the prompt service, clients find the presentation of design information in model format very helpful. She says the 3D representation, with appropriate finishings, means so much more to clients than a 2D plan does. Walkthroughs are, according to Curling, now also extremely easy to create and make designs even more meaningful to clients.

Autodesk Revit has taken the simple automation of drawing tasks, carried out by CAD packages, to a new level. Using a technique called building information modelling, the powerful new technology is used to create a virtual model of new building design projects. The system is underpinned by a powerful database that contains all the information relating to the building. The information in the database enables the system; firstly, to simultaneously display real-time views of the building – be they 3D views, plans, sections, elevations, or even schedules. In addition, a change to any of the views is immediately reflected in all the other views. A change anywhere is a change everywhere.

More Streamlined Workflow

It is the power of Autodesk Revit's database that sets the technology apart from other software and the software is today's solution for building design, documentation, and—increasingly—construction and management. It increases productivity, improves project coordination, and helps users do their best possible work.

The speed with which changes can be made in Autodesk Revit helps contribute to the design development process. Curling says homeowners don't always understand why some of their ideas haven't been incorporated into a design. She now overcomes the problem by sitting with a client in front of the computer screen, placing a column, for example, where the client would have wanted it. Because changes are made instantly she can demonstrate how the requested location of the column would interfere with her design.

"It's a really great communication tool."

Curling is confident that Autodesk Revit will play a big role in helping streamline workflow in her practice, which she feels can sometimes be erratic.

"The smaller a practice, the greater the value of a smooth workflow," says Curling. "A seemingly small thing like a client deciding, just before submission of plans to council, to change all the aluminium window frames in a house to wooden ones can cause a huge disruption. Now we can take it in our stride. A change of that nature would now take us 15 minutes, not eight hours."

Improving Overall Quality

For Curling the most significant benefit of the new software is the positive impact it will have on her designs.

"Saving time is one thing – what's important is what you do with the time you've saved. Autodesk Revit is freeing up time for me to focus on the detail of my designs and improve their overall quality."

Learn More

More detailed information about Autodesk Revit is available on the Autodesk website at www.autodesk.co.za. You can also phone Amanda Wesson on (011) 805-1555 for more information about the technology.



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