



Dekker/Perich/Sabatini Implement Autodesk® Architectural Desktop



The Jefferson Green Complex Photograph



The Jefferson Green Complex 3D Exterior Rendering

→ THE CUSTOMER

Dekker/Perich/Sabatini provides comprehensive architecture, interiors, planning, structural engineering, and landscape architectural services to a variety of public and private clients. They have offices in Albuquerque, NM; Las Vegas, NV; and Amarillo, TX. They are ranked one of Engineering News-Record's (ENR) Top 500 Designers in the United States and are the largest design firm in the state of New Mexico.

→ THE CHALLENGE

"In December 2004, we upgraded from a combination of both AutoCAD and Architectural Desktop 3.3 to the latest release, Autodesk Architectural Desktop 2005. Our firm regularly evaluates new technologies in order to find ways to improve our design process and keep ahead of the competition. By nature, people don't like change. There was some resistance to getting over the learning curve of implementing new software, and the obstacle of no longer relying exclusively on AutoCAD," stated CAD Manager Jason Tirone.

→ DESIRED OUTCOME

Dekker/Perich/Sabatini strives for design excellence and wanted to adopt ADT as their main design engine.

→ THE SOLUTION

Jason noted, "My main focus as CAD Manager is to give the drafters experience using the most up-to-date tools, offering them more enhanced benefits they can utilize on a day-to-day basis. Our staff went through the IMAGINiT Architectural Desktop fundamentals course. It was a very big change in the user interface when compared to AutoCAD. The students were very impressed with the training experience provided by IMAGINiT and the ability to have all their questions answered."

"Everyone was enthusiastic about different software functionalities; for instance, their ability to create elevations (straight-on views of our 3D model, like the front of a building or the side of a building) or sections. Without ADT and working in the 3D model, architects had to create 2D representations, one line at a time. This was very time consuming. And if the design changed, they had to go back to each one and edit the linework. With ADT, if someone moved a window in the 3D model, they could run a batch update of all the elevations and wherever the window appeared, it would be relocated. It's much faster to create elevations and sections, and more accurate."

→ ACTUAL RESULTS

"Our firm successfully completed several major projects using ADT. We've been progressively growing in leaps and bounds and actually out grew our old facility. Our new office building, The Jefferson Green Complex, was designed with ADT to accommodate our rapid growth. This 80,000+ square foot building is New Mexico's first LEED Silver* Level pre-certified core and shell building designed by Dekker/Perich/Sabatini Architects. By incorporating meaningful sustainable design features, our facility will use 30% less water and 45% less energy than a typical office building."

"We are saving money by leveraging new capabilities and boosting the overall productivity of the drafters; hence, an increase in profitability. ADT is much quicker than using AutoCAD. One thing I've also noticed is that our staff is more willing to accept the latest release, because they realize the long term benefits of using the latest technology," stated Jason.

*The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is a voluntary, consensus-based national standard for developing high performance, sustainable buildings.