



Autodesk Presents Revit BIM Experience Award to Design West Engineering for Extensive Use of Revit MEP Software

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Building Information Modeling Process Facilitates Collaboration on New Aquarium at LEGOLAND California Theme Park

SAN RAFAEL, Calif., June 27 /PRNewswire-FirstCall/ -- Autodesk, Inc. (Nasdaq: ADSK) today announced that Design West Engineering, a San Bernardino, California-based mechanical, electrical and plumbing (MEP) engineering consulting firm, has been selected to receive a Revit BIM Experience Award. To date the firm has used Revit MEP software to complete design and construction documentation for 12 projects, and has extensively used Revit MEP models to collaborate with multi-discipline design and construction teams. The Revit BIM Experience Award is presented to commercial firms, educational institutions and individuals for innovation and excellence in implementing the Autodesk Revit platform for BIM (which includes Revit Architecture, Revit Structure and Revit MEP software applications) on one or more projects.

We've had a great experience moving to BIM and adopting Revit MEP, including on our most recent project designing the highly complex MEP systems for the new Sea Life Aquarium at the LEGOLAND California theme park, said Robert Cronk, principal, Design West Engineering. Using a Revit-based BIM process on the aquarium project enabled the multi-discipline design team to detect interferences before construction, stay on top of updates and remain on schedule. As the industry continues to adopt BIM, we look forward to even greater collaboration with architects and structural engineers using the Revit platform.

Design West Engineering is a full-service mechanical and electrical engineering and energy consulting firm based in San Bernardino, California. Established in 2000, the firm specializes in mechanical, electrical and telecommunication engineering applications and energy efficiency projects for a wide range of building sectors, including education, medical, civic, residential and commercial. In addition to the new Sea Life Aquarium at LEGOLAND California, other notable projects include the City of Avalon Civic Center (Catalina Island, Calif.), Omri & Boni Restaurant (Palm Desert, Calif.) and the University of Southern California Norris Building (Los Angeles, Calif.). Other Autodesk solutions used by the firm include AutoCAD MEP and Autodesk Buzzsaw.

BIM is an integrated process built on coordinated, reliable information about a project from design through construction and into operations. By adopting BIM, architects, engineers, contractors and owners can easily create coordinated, digital design information and documentation; use that information to more accurately visualize, simulate, and analyze performance, appearance and cost; and reliably deliver the project faster, more economically and with reduced environmental impact. Autodesk, an Autodesk Premier Solutions Provider, provides Design West Engineering with training and implementation support.

Multi-Firm Team Uses BIM for Sea Life Aquarium at LEGOLAND

Design West Engineering was selected as the MEP consultant for the 28,000 square-foot LEGOLAND Sea Life Aquarium, which is slated to open this August at the Carlsbad, California theme park. The Design West team used Revit MEP to model the building's MEP systems, and then used the model to communicate the location and requirements for the HVAC ducts with the architecture and structural engineering teams. This enabled the architects to ensure there were no interferences with the complex ductwork system. A German aquarium design expert also collaborated with the team by submitting AutoCAD drawings which were incorporated into the shared Revit model. The model was used to generate construction documentation, which reduced time delays associated with costly on-site building change orders and RFIs. The LEGOLAND theme artists were also able to leverage the Revit model to create a cohesive decorative scheme that incorporated the exposed ductwork elements.

Autodesk is delighted to highlight Design West Engineering's extensive use of Revit MEP by presenting a Revit BIM Experience Award to the firm, said Jay Bhatt, senior vice president, Autodesk AEC Solutions. We'd also like to recognize their use of Revit MEP with the IES Virtual Environment tools to improve building performance and practice sustainable design on the new Coachella Valley Middle High School in California that will open in September of 2011.

About the Revit BIM Experience Award

The Revit BIM Experience Award celebrates building industry professionals and educators around the world who are helping to drive transformation of the building industry through building information modeling. Autodesk honors firms with this award for innovation and excellence in implementing the Autodesk Revit platform (including Revit Architecture, Revit Structure and Revit MEP software applications) for building information modeling on one or more projects.

About Autodesk

Autodesk, Inc. is the world leader in 2D and 3D design software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk has developed the broadest portfolio of state-of-the-art digital prototyping solutions to help customers experience their ideas before they are real. Fortune 1000 companies rely on Autodesk for the tools to visualize, simulate and analyze real-world performance early in the design process to save time and money, enhance quality and foster innovation. For additional information about Autodesk, visit <http://www.autodesk.com>.

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