



Aedas Receives Autodesk Revit BIM Experience Award for Innovative Designs in Dubai and Hong Kong

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Hong Kong-Based Firm Solves Design Challenges Using Revit Architecture on Residential and Educational Projects

SAN RAFAEL, Calif., Nov. 28 /PRNewswire-FirstCall/ -- Autodesk, Inc. (Nasdaq: ADSK) today announced that it has presented Aedas, an international design firm based in Hong Kong, with a Revit BIM Experience Award for their use of Revit Architecture software to create remarkable buildings around the world, including a new 83-story high-rise residential tower in Dubai that incorporates more than 10,000 frames of glass on the modularized twisting facade. With Revit Architecture the multi-national team was able to quickly visualize and verify the overall constructability and economic feasibility of the complex curved curtain wall structure. The Revit BIM Experience Award honors commercial firms, educational institutions or individuals for the use of the Revit platform to create complex designs, collaborate across multiple disciplines and drive increased productivity and sustainability in the building design process.

"Aedas strives to provide the best possible designs to our customers," said David Fung, Senior Associate and Head of BIM. "With Revit Architecture, we are able to create comprehensive designs that allow for tight integration and communication with our clients and other industry counterparts."

Design Challenges

When designing the Ocean Heights residential tower in Dubai, Aedas designed the building to maximize views toward the ocean with a deliberate twist on three of its faces. Because of the twisting nature of the 83 story building, the parametric modeling tools in Revit Architecture played a crucial role in facilitating the precise positioning of each curved curtain wall panel. Revit enabled Aedas to identify the coordinates of every piece of the over 10,000 frames of glass on the modularized facade, verifying that each piece was flat. This ensured the design's constructability and the project's economic feasibility.

Working closely with other building disciplines on the recent Community College City University Building (CCCUB) project in Hong Kong, Aedas was able to streamline design processes and easily identify and address interferences before construction using BIM. The design, as communicated in drawings and other project documentation, was subject to intense scrutiny and handling by government agencies, school officials, contractors and consultants. Building information modeling using Revit Architecture software ensured that the information and documentation being shared was perfectly coordinated throughout the design, and all statutory submissions required by Hong Kong regulations were automatically calculated and created directly from the Revit model.

"Aedas' use of Revit Architecture offers a stellar example of how firms adopting a BIM process can more cost effectively manage complex designs, successfully manage international teams and coordinate efficiently with other design disciplines to provide a client with fully integrated and accessible design," said Jay Bhatt, senior vice president Autodesk AEC Solutions. "Autodesk is wholly committed to supporting integration and close communication throughout the building industry, and we are pleased to honor Aedas for their role in furthering the adoption of BIM across the world."

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 firm with this award for innovation and excellence in implementing the Autodesk Revit platform for building information modeling including Revit Architecture, Revit Structure and Revit MEP on one or more projects.

About Aedas Ltd.

Founded in 1982, Aedas is one of the largest architectural design consultancy firms in Hong Kong and currently the fourth largest in the world. A user of AutoCAD Architecture for many years, the Hong Kong office began using Revit Architecture software on several key projects in 2005.

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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