



Autodesk Helps Turner Construction Score Big with New Yankee Stadium

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Turner Construction Reaps Collaboration Benefits of Building Information Modeling

SAN RAFAEL, Calif., June 24 /PRNewswire-FirstCall/ -- Autodesk, Inc. (Nasdaq: ADSK), a world leader in 2D and 3D design and engineering software, has announced that Turner Construction Company utilized Autodesk Navisworks Manage software as an element in the Building Information Modeling (BIM) process used to complete the new Yankee Stadium project. As part of its construction management process, known as Virtual Trade Coordination (VTC), Turner used the latest BIM processes and Autodesk Revit-based products and Navisworks Manage software to help streamline workflow and collaboration among subcontractors.

"Turner is experiencing tremendous growth in the use of BIM during both preconstruction and construction phases as a tool to help us dramatically improve the building process while reducing field initiated RFI's and changes," said Jim Barrett, manager of virtual construction technologies for Turner Construction. "The Yankee Stadium project typifies our commitment to BIM and the tangible and measurable benefits we - and more importantly, our clients - are experiencing in schedule, quality, cost and safety improvements on all our BIM projects across the United States."

Turner's Virtual Trade Coordination Process Applied to Yankee Stadium Project

Turner Construction Company effectively applied its experience to foster a results-driven, multi-disciplinary collaboration on the Yankee Stadium project. The company has already managed more than 100 BIM-based projects at an estimated value of \$20 billion as well as purchasing and using 400 licenses of Navisworks Manage throughout the firm.

BIM design software was used to create 3D models of every major building component - from architectural and structural elements to HVAC, electrical, plumbing and fire protection systems. With Navisworks Manage software as an essential component of the company's VTC process, digital data from multiple design and engineering software sources were combined in a single "virtual" model of the stadium that assisted the Turner team and all of the project's subcontractors in more quickly identifying systems spatial clashes and conflicts to be fixed before the construction phase. This early, coordinated, real-time, whole-project review and analysis helped to minimize costly changes and unexpected scheduling delays in the field.

"We have a long-standing relationship with Turner Construction Company, and together we've seen the benefits of BIM and a collaborative project delivery process that includes the entire team, from owners to trade subcontractors," said Jim Lynch, vice president of AEC industry marketing at Autodesk. "We are pleased that Autodesk Navisworks Manage was a component in the success of one of the most high-profile building projects of the year - the new Yankee Stadium."

Navisworks Manage software enhances the review process by enabling design and construction management professionals to aggregate existing design data for visualization, simulate scheduling, and identify interferences to improve productivity and project quality. Design data created in BIM applications such as Autodesk Revit-based products can be combined with geometry and information from other design tools and reviewed in real-time as an entire 3D project. The combination of Navisworks Manage software's precise fault-finding analysis, interference management, dynamic project schedule simulation, and more photorealistic visualization enables advanced project analysis. In addition, entire project models, of various file sizes and formats, can be published and viewed in NWD and 3D DWF file formats for better team collaboration.

BIM is an integrated process that allows architects, engineers and builders to explore a project digitally before it's built. Coordinated, reliable information is used throughout the process to design innovative projects, accurately visualize appearance for better communication, and simulate real-world performance for better understanding of important characteristics such as cost, scheduling and environmental impact.

About Turner Construction Company

Turner Construction Company provides construction management services to leading institutions and companies who recognize the value of a partner who works diligently and creatively to find the best possible solutions for each particular project. In 2008, Turner completed in excess of \$10 billion of construction on more than 2,000 projects throughout the world. Turner's use of building information modeling (BIM) helps visualize, quantify, and simulate the construction process to produce higher-quality buildings and exceed their clients' expectations.

About Autodesk

Autodesk, Inc., is a world leader in 2D and 3D design and engineering 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 www.autodesk.com.

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