



BIM Content Development: Standards, Strategies, and Best Practices

By Robert S. Weygant

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A must-have reference to create content-rich BIM objects and models

A cutting-edge technology, Building Information Modeling (BIM) software allows AEC professionals to produce data-intensive 3D building models that far exceed those rendered with the 2D limitations of CAD, today's industry standard. Unlike CAD, however, no consensus has been reached among AEC industries for agreed upon guidelines directing BIM models. To fill this void, this book explores the different approaches used in designing a BIM model and incorporates them into one cohesive strategy that serves as a digital road map going forward.

BIM Content Development:

- Details the various types of information (graphic and data) that Building Information Modeling (BIM) can gather about a building, such as its dimensions and material, its performance, its functionality, its interaction with other structures, and how often it must be maintained
- Presents a vendor-neutral approach to thinking about, organizing, and managing data used to create a 3D building model
- Covers the different methods for organizing content, such as CSI's MasterFormat®, Uniformat, OmniClass, and Industry Foundation Classes (IFC)

Providing the means and methods for effective content creation, *BIM Content Development* offers sound guidance for graphic standards and data management solutions to maximize the ability of professionals to operate on any BIM software platform—and shows how to strengthen the decision-making process to unleash powerful tools for modeling a building's informational profile.

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Editorial Review

About the Author

Robert S. Weygant, CSI, CDT, SCIP, chairs the Construction Specifications Institute's (CSI's) BIM Practice Group, sits on its Technical Committee, and is the President of the New Hampshire chapter. Weygant has worked as a general contractor, manufacturer's representative and specifier, and currently is an independent BIM consultant/developer.

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