BIM in Design (and beyond)

Reality Check – Living with BIM in Public Bidding
10.05.2017
What is BIM?

“BIM (Building Information Modeling) is an **intelligent 3D model-based process** that gives architecture, engineering, and construction (AEC) professionals the insight and tools to **more efficiently plan, design, construct, and manage buildings and infrastructure.**” – Autodesk

**Disclaimer:** BIM is only as intelligent as the team makes it. The team only makes the BIM as intelligent as required by the project and the owner.
BIM SOFTWARE ≠ BIM
How do designers use BIM?
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- Programming
- Visualization
- Design Validation
- Phase Planning
- Coordination
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What are the benefits to the design team?

- Improved Coordination Process
  - Internally between drawings
  - Externally with engineers
- Integrated Visualization Tools
- Centralized Data Management
  - e.g. Door Schedules, Finish Schedules, Wall Types
What are the benefits to the owner?

- POE Tools
- Better Product (Building)
- Access to Building O&M Data through Models
- Improved Space Management
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