Learning Objectives

1. BIM exists to be built. How can we make this happen?
2. BIM runs from beginning to end, from Schematic Design (LOD 100) to Final Laser Scan (LOD 500). How are the LOD’s Used?
3. What teams face with implementing BIM processes on top of current responsibilities.
4. How BIM can be used to defeat Chaos and bring organization to efforts.
AGC BIM EP Unit 1
Silo Work Environment

- **Owner**: Designs intent
- **Designer**: Determines means & methods
- **Contractor**: Details & executes means and methods
- **Subcontractor**: Determines means & methods

*Figure 2.1*
Collaborative Work Environment
BIM Common Ground

Successful project
Automated, linked, shared, accurate data
Profitability
Faster/better understanding & communication
Less rework
Product/ performance data
Integrated/ coordinated data
On time, within budget
Graphical data
Physical data
Cost/quantity data
High quality

TEAM
Using Models

• Models are a means to the end.
Using Models

• Who has physically built something they modeled?
Using Models

#BIMForumED
Using Models

• There is lots of work to be done!
Using Models
Using Models
Using Models
Using Models
Using Models

LOD 100  LOD 300  LOD 200  LOD 400
Using Models
Using Models

LOD 100
Using Models

LOD 200

LOD 300

Marketing

#BIMForumED
Using Models

lod 300

lod 400

construction
Using Models

LOD 300

LOD 400

Fabrication

#BIMForumED
Using Models

LOD 400
Using Models
Using Models

Handover Training to Operations
Using Models

• Now It Is Your Turn!
This is not a contest!

Winners will receive much glory and accolades!
BIMForum Lego Experience

• Rules
  1. Be Safe
  2. Be Kind
  3. Have Fun
  4. Adhere to the Owner Requirements
BIMForum Lego Experience

1. You have been Selected.
2. Buy out the Project.
   - Groups of 3-8 people
   - Commandeer a Table
   - Choose a Leader
   - Gather Information
   - Establish Responsibilities
   - Gather Resources
4. Notice to Proceed in 5 Min.