

# Digital Estimation

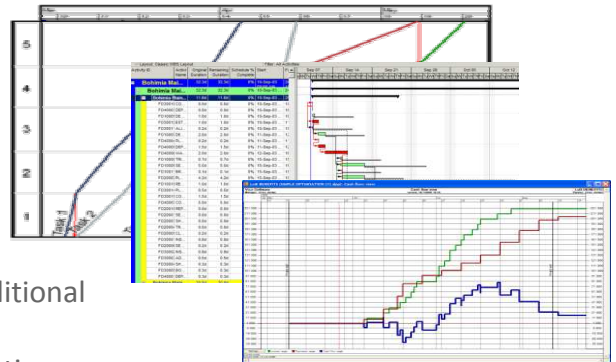
## Agenda

### Objective

After completing the course the students will be able to:

- Understand the benefits of digital estimating over traditional methods
- See how the use of 3D models can enhance the estimating Process
- Use Vico Office to view models from several CAD programs
- Understand how the model's quality and level of development affects the estimating process
- Understand the use of the GC Estimator workflow for estimating, scheduling and cost planning

See how takeoff, cost and scheduling can be integrated to maximise efficiency across the project lifecycle



### Day 1 Training

- Introduction
- Digital estimating theory overview
- Introduction to Vico Office/GC Estimator
- Model evaluation for takeoff
- 3D based quantity takeoff
- Document control for 2D takeoff
- 2D based quantity takeoff
- Combined workflow for model based and non model based quantity takeoff
- Traditional V Digital quantity takeoff comparison

### Day 2 Training

- Cost Planning in GC Estimator/Vico Office
- Building a cost database in GC Estimator
- Performing cost comparisons
- Review of Work Package Manager to support the creation and analysis of bid packages
- Reporting
- Additional values in a digital workflow – coordination, issue tracking, scheduling, cost control...

**Note:** Students who want to participate in the hands on portions of the classes will need to provide their own laptop. Training licenses will be provided by BuildingPoint.