

CIVIL / COMMERCIAL

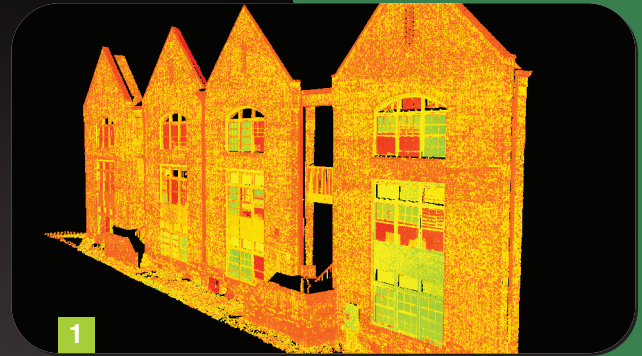
Falk-PLI provides solutions for a wide variety of construction needs. Due to the complexity of many of our jobs, we utilize Laser Scanning Technology, Robotic Total Stations, and GPS for the majority of our commercial and industrial surveys.

Laser Scanning quickly maps and models large complex structures with an unprecedented level of detail and accuracy, providing the data necessary for as-built verification, reverse engineering, and BIM integrated technology.

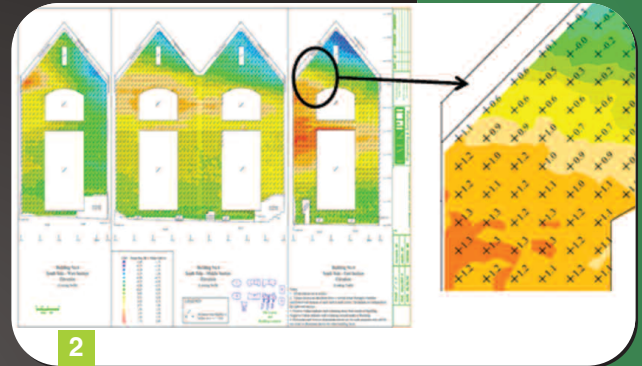
BIM provides the capability of streamlining the entire construction process and improving the overall performance of the building process. Owners are realizing improved design, decreased costs, and expedited completions through the use of this technology.

Falk-PLI integrates information and technology in providing:

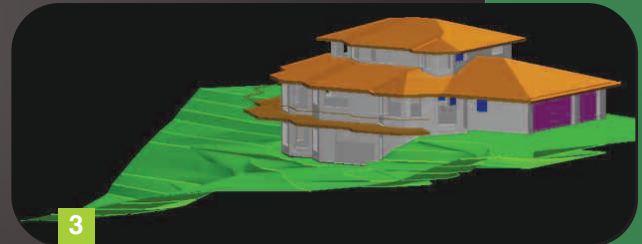
- **Site, Roadway and Utility Design**
- **ALTA/ACSM Surveys**
- **Boundary Surveys**
- **Settlement Surveys**
- **Topographic Surveys**
- **High Rise Layout/Surveys**
- **As-Built Inspection**
- **Structural Inspection**
- **Reverse Engineering**
- **Subsidence and Deformation Monitoring**
- **BIM & 3D Modeling**



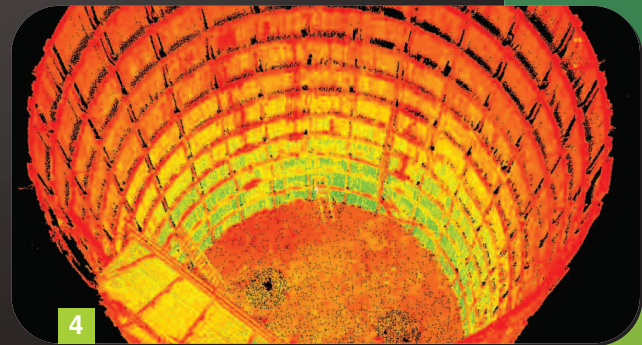
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4

- 1 Laser Scan Point Cloud of building front surface
- 2 Surface map depicting deviation from established vertical plane
- 3 BIM 3D model of residential project
- 4 Point cloud of excavation shoring wall



Data • Experience • Solutions

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