
Increasing Quality with Reality Capture

Speakers: Eric Bogenschutz and Abby Maciejewski

HOK
Topics to Cover

• Introductions and History
• Hardware and Software Tools and Why
• Overall Benefits and Case Studies of Scanning
  • Case Studies
    • Historic Preservation
    • Existing Conditions Verification
    • Healthcare Environments and 24/7 Access
Introductions and History

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Eric Bogenschutz
Design Technology Manager

Abby Maciejewski
Design Technology Specialist
Introductions and History

- Manual and Time consuming
- Not Very Accurate
- Onsite and then work to complete in the office
Benefits of Scanning

- Accuracy
- Completeness/Time Saved=Cost
- True to Life Existing Conditions: No “Busts”
- 360 Photography w/ Measurements
Hardware and Software Tools and Why
Case Study: Historic Preservation

- MFH TGA Building
Case Study: Existing Conditions Verification

Tyson Foods: Fuller Fixture Building
Case Study: Existing Conditions Verification

St. Louis Art Museum: Gallery Floor
Case Study: Healthcare Environments

- Verification in an ACTIVE environment