



Quantapoint Case Study

Quantapoint Documents Richly Detailed Church for Historical Preservation Project

Helping to Restore a Boston Landmark

Situation

Considered an important Boston historical landmark, the Arlington Street Church was scheduled for general restoration and preservation work. Due to their expertise in historic renovations, Goody, Clancy & Associates, Inc. were chosen as the architects.

Challenge

The Church's richly detailed interior presented unique challenges. It was comprised of intricately detailed plaster surfaces with high interior elevations. Unfortunately, there was no existing condition documentation that accurately reflected this information to ensure it was preserved.

Solution

To develop accurate and complete drawings of the entire interior, the architects called upon Quantapoint Inc. of Pittsburgh, PA, the leading provider of as-built documentation using integrated laser scanning. Quantapoint rapidly collected, integrated and verified billions of highly accurate measurements to create a digitized building of as-built laser documentation—without invasive manual measurement, purchasing costly hardware or time-consuming remodeling.

Results

Quantapoint scanned the 147 year old structure in only one day and used the digitized building to create richly detailed 2D drawings that included all the elevated, detailed plaster surfaces of the sanctuary. The richly detailed drawings were delivered to the architects within two weeks, enabling Goody, Clancy & Associates, Inc. to remain within budget and on schedule to preserve the intricate detail of this Boston classic.

