BIM CAPABILITIES

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Merrick & Company's (Merrick) Building Information Modeling (BIM) software platforms include the Autodesk Suite products, Revit, and Navisworks. BIM is the process of creating and managing information for a built asset; it integrates structured and integrated multi-disciplinary data to produce a 3D model of an asset throughout its lifecycle, from planning and design to construction and operations.

We are currently using the latest in a long line of scanners from Leica Geosystems to perform advanced LiDAR scanning and point cloud distillation. Our newest scanner is a Leica BLK360, which is a portable, High-Definition Survey (HDS) scanner ideal for building interior projects. Some of the benefits of using the Leica BLK360 are:

- Saving time and labor costs.
- Providing the ability to scan areas of buildings that are inaccessible to humans.
- A more accurate representation of the existing building to build a BIM model.
- The capability to take several photos, including panoramic photos, of the areas it scans.

Merrick offers end-to-end BIM services, translating reality into comprehensive models and responsive, efficient designs. Our core BIM expertise lies in design modeling, construction documents, and interference checking.

THE FOLLOWING ARE BENEFITS OF USING BIM MODELS DURING DESIGN:

- More accurate and streamlined planning
- Full project visualization
- Maximized efficiency
- Real-time access to building information
- Enhanced communication and collaboration
- Enhanced coordination of interferences

MERRICK'S PRIMARY BIM SOFTWARE APPLICATIONS INCLUDE:

- Autodesk Revit Architecture™
- Autodesk Revit Structure™
- Autodesk Revit MEP™
- Autodesk Navisworks
- Autodesk Recap Pro
- Enscape 3D

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