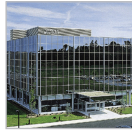


BIM QUALIFICATIONS

BIM: CHANGING THE INDUSTRY

Utilizing a full suite of BIM software, including Autodesk® Revit® Structure and Tekla® Structures, Carney Engineering Group (CEG) provides BIM solutions for architectural firms, engineering consultants, building owners and contractors. Our team includes knowledgeable and trusted experts who have developed more than 100 BIM projects including millions of square-feet of BIM coordinated models.

OUR RECENT PROJECT EXPERIENCE



Phoenix Contact, Middletown, PA

Fully-coordinated BIM for a 100,000 square-foot steel framed production and office; built between existing facilities and remained operational during construction.



Think Loud Development, York, PA

Existing building assessment, new construction design and pre-construction coordination with BIM (incorporating LEED certification and historical tax credits.)



Hershey Next Century Renovation (Hershey Chocolate Factory), Hershey, PA

Structural design and modeling to repurpose the Hershey Chocolate factory. Fully-coordinated BIM before and during construction among all trades; post-construction BIM for Building Management.



Valley Motors Audi, Cockeysville, MD

Full BIM services to manage the renovation and addition of an existing 44,000 square-foot dealership, showroom and service area.



Ollie's Warehouse, Emigsville, PA

Full BIM coordination of steel/foundations and architectural model of a 600,000 square-foot warehouse with office space.



Landis Run Intermediate School, Manheim, PA

BIM structural design of a three-story, 200,000 square-foot school designed with a hybrid structural system of steel and load-bearing masonry.



Volvo Construction Equipment, Shippensburg, PA

Design of new addition and renovations to Volvo Construction Equipment, including HD laser scan, point cloud and modeling directly from the BIM.



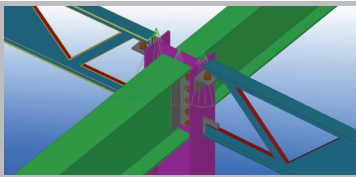
Baltimore Symphony Orchestra, Baltimore, MD

Design of a new lobby floor extension in the historic elliptical building, including a laser scan point cloud, and development of structural steel fabrication drawings directly from the BIM.



Logos Academy Charter School, York, PA

Structural modeling for an \$8 million addition and historic renovation. Historic stair tower and elements were laser scanned and built into the BIM.



Innovative Software

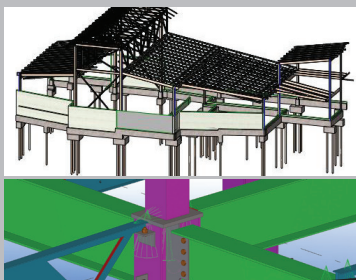
- Autodesk® Revit® Structure
- Tekla® Structures
- Navisworks Manage

BIM Specialties

- Structural Modeling
- Existing Conditions Modeling
- HD Laser Scan
- Point Cloud Coordination
- Structural Fabrication Modeling
- 3D Detailing
- Non-Structural Modeling
- Quantity Takeoff

In-House BIM Experts

- Our BIM team includes professionals with over seven years' experience, dedicated to leveraging BIM to achieve integrity of design, schedule and cost.
- Our BIM experience extends regionally, including leadership of Central PA Revit Users Group (Jackie Martin, current CPRUG Vice President and past Secretary) and serving on Kinsley Companies BIM Committee.



CARNEY ENGINEERING GROUP