

MODELING & COORDINATION SERVICES

HOW WE WORK?

With the vast experience that ENGworks Global holds in creating & validating BIMs, we specialize in reviewing designs to ensure specific methods (level of detail, naming standards, and other design criteria) are properly documented. The foundation of ENGworks' services begins with our superior quality modeling expertise. We bring complete Autodesk® Revit, Autodesk® Fabrication CADmep and various other platforms to the table for all disciplines: Architectural, Structural, Civil, Mechanical, Electrical, Plumbing, and Fire Protection.

Once the BIM Models for all disciplines are accurately created, ENGworks Global performs Clash Detection and generates customized Building Conflict Reports (BCR). Our staff works together with architects, engineers, general contractors, and various trades to detect and resolve the design conflicts among construction elements before construction dollars are ever spent.

ENGworks Global construction documentation services are designed to help architects, engineers, and contractors to maintain quality and turn around in their construction documentation sets. Building Services documentation also includes Shop/Fabrication Drawings, MEP Documentation, Structural Drafting, and Record (As-Built) Documentation. To capture all the changes that take place during construction, ENGworks Global incorporates the As-Built drawings and/or sub-contractor markups information into the BIM to generate As-Built models.

**LET US HELP WITH YOUR
VDC NEEDS!**

OUR SERVICES

BUILDING INFORMATION MODELING

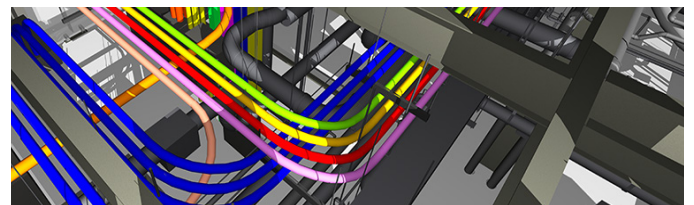


- BIM Modeling: Architectural / Structural / MEP / Civil / Infrastructure
- Design Assist Participation & Management
- Fabrication Spool Drawing Creation
- Design & Construction Data Management

BIM COORDINATION



- VDC Coordination / Project Management
- Building Conflict Reporting / Clash Detection
- Procurement and Quantity Take-Offs (QTO)
- 4D Scheduling / Construction Sequencing



FOR MORE INFORMATION, PLEASE CONTACT
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