BARRY KUIACK
85 Dunn Street, Barry's Bay, ON K0J 1B0
barry@kuiack.net – home: (613) 756-9323 - cell: (613) 717-2657

Ten years experience as a highly organized BIM (Building Information Modeling) Design Manager with proven track record on complex projects. Proven ability to reduce project costs and solve problems through detailed BIM design, collaboration and analysis. Good negotiation and client communication skills. Seeking a challenging, long term role with a well established company.

Core Competencies & Business Experience

- BIM Design
- Revit Structure
- Revit MEP
- ArchiCAD
- Project Coordination
- Presentations
- Team Training
- New Process Implementation
- Team Player
- Jobsite Inspections
- Client Communication
- Startup Experience

Professional Experience

BIM DESIGN MANAGER **2007 - 2009**
FrameMax – San Diego, CA
Manage team of six designers. Investigate and test new technologies to be used in a custom light gauge steel Revit detailer/framer.

- Saved General Contractor +10% in potential construction costs by identifying errors, interferences and constructability issues via BIM design process.
- Created and implemented new Revit based BIM design process which was used in a panelized light gauge steel construction system.
- Developed BIM standards and custom Revit content.

BIM DESIGN MANAGER **2006 - 2007**
Steel Components USA – San Jose, CA (company shut down)
Member of company startup team responsible for hiring and training BIM team of four to produce estimates, plans, shop drawings and marketing materials.

- Set BIM design standards and implemented BIM tools.
- Created catalog of standard plan packages for sale.
- Coordinated nationwide projects using BIM collaboration.

BIM DEPARTMENT COORDINATOR **2005 - 2006**
Elixir Steel Framing – Vista, CA (company shut down)
Managed large light gauge steel framing projects. Coordinated design with Architects, Engineers and MEP trades. Lead five person BIM team from early concept to shop drawings and installation.

- Engineered 5-story, 150,000 sq.ft. project from concept to completion.
- Produced and sequenced 8,000 factory prefabricated wall/floor panels for transportation to jobsite.
- Setup processes, standards and customized BIM tools for automated manufacturing system.
- Optimized manufacturing schedule and costs for site conditions.

SENIOR DESIGN TECHNOLOGIST **2003 - 2005**
Genesis TP – Cambridge, ON CANADA
Managed large light gauge steel framing projects in Canada and USA by working with architects, engineers and MEP trades.

- Developed and tested proprietary Autodesk based BIM detailing software used in a panelized light gauge steel framing system.
- Created and documented new company BIM design and manufacturing standards to be used in a franchise based business model.
- Lead several projects totaling +250,000 sq.ft.
- Responsible for production of panelized light gauge steel wall, floor and truss shop drawings.

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Summary of Previous Professional Experience (1998 – 2003)

CONSULTANT
Quality Engineered Homes Ltd. – Kenilworth, ON CANADA
Hired to convert existing design and manufacturing standards to a BIM based process. Trained and provided technical support for design team of three. Performed quality control inspections throughout the pre-fabricated home manufacturing process.

CONSULTANT
American Steel Builders Inc. – Commerce, CA (company shut down)
Hired to streamline the design and manufacturing process. Increased design productivity by 20% through the development of custom software tools and employee training. Increased manufacturing productivity by 10% through the design and implementation of new factory quality control procedures.

DESIGN TECHNOLOGIST & ESTIMATOR
Genesis TP – Cambridge, ON CANADA
Produced panelized light gauge steel wall, floor and truss shop drawings. Performed jobsite inspections and truss manufacturing quality control. Developed truss job costing templates and procedures. Worked with external BIM software developer to improve design tools and processes.

Professional and Community

- Autodesk User Group International
- RevitCity
- buildingSMART
- Steel Framing Alliance
- National BIM Standard (NBIMS)
- Conestoga College Alumni Association

Education

Conestoga College – Kitchener, ON CANADA **1995 - 1998**
Civil Engineering Technology
Highest Academic Achievement Award (1997), Highest Academic Achievement Award (1998), Ontario Good Roads Association Achievement Award (1998), Peer Tutor