
RESUME

Rick Aspin, Senior BIM Manager



Status: Married

Citizenship: British/Canadian

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A dedicated professional with wide and varied experience in mixed-use high-rise, hospitality, transportation and other specialist project types. The focus of his career has been in architecture, alongside successful ventures working in the fields of Structural Engineering, Interior Design and Landscape Architecture. His well-rounded knowledge and exceptional leadership skills are built on a strong career foundation that has seen him practice in the UK, Bermuda, Canada and the Cayman Islands. With an inquisitive mind he has never stopped to ask how he and our industry can achieve better results. It is this backbone that has helped bring success to the project teams he has been fortunate enough to collaborate with. His openness and dedication in placing the project and its team's success at the forefront of his efforts has allowed him to grow into a Virtual Design and Construction Manager of exceptional quality.

In his spare time Rick is an outdoor enthusiast and general jack of all trades in sports. His main dedication is currently to the sport of Squash and enjoying long beach walks.

Key skills & characteristics acquired over the course of his career:

- Works independently and leads project teams by example. Instills a pull planning approach to project scheduling & develops LEAN processes that reduce waste & set the project team up for success.
- Introduces an open & honest Common Data Environment that encourages teams to work in respect of one another's needs. He drives the team to maintain a single version of the truth that reduces time spent searching for information and avoids costly errors and rework throughout the design & construction process.
- He understands the needs of owners, developers, designers and contractors. He guides teams to achieve outstanding levels of coordination in producing an accurate, data rich, virtually constructed digital replica of design projects.
- Has exemplary design skills that achieve spatial efficiency while maintaining a balance of high-quality aesthetics & functionality.
- Develops tailored Request For Proposal documentation for various project types and has a proven record of picking out only the best teams for the job.
- He has a calm & likeable demeanor coupled with a hard drive to achieve the best. He is willing to cross boundaries & dig in for the team. He earns respect via his actions & builds team morale, guiding them to work in respect of one another to deliver the utmost success for a project.

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Career Experience / Achievements



Vellum & Razor Blades
Founder

2023-Present

Rick is fulfilling a career long ambition to share his knowledge and experience in the Technical Design and BIM/VDC management aspects of his work. Vellum & Razor Blades is a YouTube channel that creates educational videos for the benefit of both new and seasoned practitioners of the AEC industry.

Kapok Residential Tower, CI

Dart Enterprises – Cayman Islands
Senior BIM Manager

2016-2022



Arriving at Dart in 2016 Rick had a blank canvas to create and develop the BIM department and immediately set about injecting strategies that would deliver accurate virtually designed & constructed digital replicas of proposed assets. He has instilled his experience of over 30 years to see continuous improvement be achieved on a series of varied project types.

His work has aided the success of Fosters Food Fair Supermarket, Cayman International School (High School and Elementary School), Kapok Residential Tower and is ongoing on the Indigo Hotel project.



The Kapok Residential Tower has been used as a test case to show the potential of developing the coordination of VDC models beyond the norm of the industry. On this project Rick not only managed the project team but also took the role of lead architectural designer. His hunger to provide a design project of only the highest quality has been realised while making the most of his special skills in pulling efficiency out of every inch of the floor plan. The virtual model is currently showing the benefits of the design coordination process with the construction running smoothly.

3 Civic Plaza, Canada

Cotter Architects/ZGF Cotter Architects - Vancouver, Canada
BIM Implementation Coordinator & Production Manager

2010-2016



In 2010, he was engaged by Cotter Architects to undertake the role of BIM Implementation Coordinator and Production Manager. This opportunity was perfectly aligned with his hunger to make use of his career experience in helping bring increased quality and efficiency to the design process within the AEC industry.

Throughout the 5 1/2 years working with the firm (through a merger with ZGF Architects) he developed systems and procedures that proved to show the expected benefits while leading design teams through various projects. The rewards were greatest on 3 Civic Plaza, located in Surrey B.C. a complex mixed-use tower including commercial, hotel, office and residential uses where the Skytrain ran through the property and over a portion of the building. The project proved the benefits of BIM when implemented with a clear plan from start to completion.

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Reid Rd Duplex, Canada

Cambia Design Inc. - Vancouver, Canada
President

2008-2010



Cambia Design Inc was established to offer consultancy BIM / Production Management Services to Architectural Practices in the Greater Vancouver area. In addition, Rick also provided specialized design services to residential clients. The company began with a focus on efficient space planning of small spaces and included the design of custom furniture pieces to aid in providing the ultimate in flexibility.

During this period he also worked remotely as a Structural Technologist for firms located on the island of Bermuda.

As the firm progressed his hunger for great design married with technical excellence brought him on a path with the Passive House approach for which he applied the expertise he had learned into the design of the Reid Road Duplex Project. Throughout the whole time working under Cambia Design Inc he continued to develop processes for the successful implementation of BIM into the design process.

Vancouver's Turn, Canada

DYS Architecture - Vancouver, Canada
Job Captain/BIM Manager

2006-2008



His position for this role was that of Job Captain/BIM Manager. The project known as Vancouver's Turn which was to house The Ritz Carlton Hotel (now constructed as Trump Tower) proved to be Arthur Erickson's final signature building. In this role he worked closely with the client, lead architects, the Ritz Carlton project team and various design consultants to coordinate the highly complex twisting tower. He also managed the creation of an accurate BIM model that would provide an exemplary set of construction documents.

The project was split into two main teams that were led by his counterpart and Rick. Rick ensured that tight coordination between the complex exterior envelope and the interior architecture/interior design was successful. Special packages that he dealt with included the coordination of the sloshing tanks to minimize the movement of the slender tower from wind & seismic forces and he also coordinated the workings of the window washing equipment. Rick lead a team of six Architects & Technologists to produce a well-coordinated set of documents.

Belmont Hills Golf Resort, BDA

Botelho Wood Architects – Bermuda
Senior Architectural Technologist

2001-2006



Rick completed many smaller scale residential and commercial projects during his first year in Bermuda. However, his key achievement was the completion of one of the islands largest developments to date; Belmont Hills Golf Resort.

The golf course was fully redesigned, and the existing hotel building was stripped back to its steel frame. It was redesigned to house 41 high end residences; a luxury penthouse floor was added atop the existing structure and a golf club house and restaurant addition was completed on the west side. Surrounding the golf course, 35 high end golf villas were constructed. Rick played a key role in the dual position of Architectural and Structural Technologist from concept through detail design. He coordinated the

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construction process on behalf of the architects working closely with the on-site trades through to the completion.

Piccadilly Railway Station, UK



BDP Architects – UK
Senior Architectural Technologist (Contract Position)

2001-2001

For this project Rick worked as part of the on-site design team for the re-development of Manchester Piccadilly Railway Station, the project was to be completed in time for the 2001 Commonwealth Games. During the length of the contract he completed an extremely successful work package for one of the most complex areas of the project. The new station roof was to fit around an existing tower building that had been built far from square, in fact, it was shaped like a banana. This led to the creation of an extremely complex package of details that was successfully coordinated with the design consultants and the contractor and successfully built on site with no issues. The new roof had to be intricately detailed to allow connection with the existing 1960's tower that was strewn with inaccuracies during its original construction. Upon completion of this package he helped to pull together a series of smaller packages including the railway station bathrooms that subsequently won an award for the design.

Trafford Centre Mall, UK



Various contract positions – UK
Architectural Technologist

1995-2001

The first 5 years of his career were spent working mostly on a contract basis within various project types. This period was exponential in exposing him to varied and valuable experience while working with some great professionals from which he developed his skills to an exemplary level at a very early stage.

The beginnings of a BIM approach in his work were found very early as he began to manipulate CAD to aid in delivering high quality documents by use of efficient production systems. In a number of firms, he lead in the roll of CAD manager and ever since has shown an interest in finding efficiency throughout the design and construction process.

A few of the project types completed in this stage included: Power Stations, Clean Rooms, Schools, Fire Stations, Nuclear Power Plants, Swimming Pools Shopping Malls, and Landscape Architecture.

Education

Higher National Diploma in Building Construction

June 1995 - Blackburn College, England

Higher National Diploma in Civil Engineering

One year study before return to Building Construction H.N.D.

June 1993 - Nottingham University, England

Ordinary National Diploma in Building Studies

June 1992 - Blackburn College, England

B-Tec 1st in Building Construction

June 1990 - Blackburn College, England

References:

Available upon request.