

How Brewer Smith Brewer Group (BSBG) creates high-quality Interior designs with BIM Collaborate Pro & AEC Tool.

They reduced errors and rework by 50%

COMPANY

Brewer Smith Brewer Group

LOCATION

Dubai, UAE.
Riyadh, KSA
London, UK

SOFTWARE

Autodesk AEC Collection
Autodesk BIM Collaborate Pro
(*formerly BIM 360 Design)

PROJECT

JA Lake View Hotel – Dubai, UAE.

PROJECT TEAM

Kevin Harper - Senior Partner
Scott Orwin – Partner
Mark Vaughan - Associate
Technical Operations Manager
Reagan Lu - Lead Architect



JA Lake View Hotel symbolises instinctive design that complements the remarkably serene and beautiful setting enveloping the complex. The 5-star hotel overlooks Jebel Ali Golf Course with the Arabian Sea as the backdrop, and the external areas of the hotel frontage are formulated to seamlessly integrate with the natural elements that rest just beyond the perimeter. This methodology is applied in all feature areas of the hotel, from the atrium space, to each of the F&B components. Continuity, flow and coalescence, from architecture to interior design, and from the building itself to its natural surroundings.

The hotel is comprised of 348 guestrooms and suites, a vast atrium space, three swimming pools, an all-day dining restaurant with private dining rooms, a gastro lounge with crafted outdoor spaces, an Indian restaurant and a rooftop bar. The hotel building is oriented to provide guests with a spectacular view of the Dubai sunset from the rooftop.

The project is led by UAE's award-winning design and executive architect with studios in Dubai, London and Riyadh. BSBG international presence enables them to provide architectural and interior design, structural engineering and technical delivery solutions on projects across the world. We have been responsible for the design and delivery of some of the world's standout architecture, and have become one of the most trusted names in architectural design and project delivery.

A design narrative focusing on the natural flow and connectivity of spaces

From the rooftop bar to the gastro lounge, all areas of the hotel are designed from the same perspective; an exploration of the continuity that can be accomplished between architecture and interior design, the connection between indoors and outdoors, and the relationship between nature and the built form.

BSBG developed the concept from an existing vision document provided by the client; performing multi-disciplinary services on the project, comprising architectural and interior design, lead consultancy, structural engineering, contract administration and construction supervision.

BSBG was keen to help their client's projects that run more smoothly and started looking into collaboration software. Since their designers already use Revit for modeling, BIM Collaborate Pro* was a natural choice.

*We did not look on the market for different solutions, we wanted to stay with Autodesk," says **Scott Orwin, Partner at BSBG.** "When searching for the Autodesk reliable partners in UAE, we go with CAD Gulf only. They have a clear idea of what we do and why we do it. It gave me an outstanding comfort level...When we explained our requirement. They arranged the technical meeting to explain how AEC collection and BIM Collaborate pro will optimize our workflow, and reduce our rework. Their technical support and guidance are outstanding."*



The Solution:

Reduced risk and rework by 50%

“By taking advantage of BIM Collaborate Pro and AEC Collection, we provide the best design and engineering options to our clients and communities, it becomes very easy for us to communicate with clients and partners. It's all possible when we're all in the same cloud platform,” said **Mark Vaughan - Associate-Technical Operations Manager at BSBG**. “It is helpful to keep an eye on the overall process and follow-up of the ongoing issues during different stages of a project.”

Many of their designers use Revit in their projects, this AEC collection offers a wide selection of essential tools like Revit, Navisworks, and AutoCAD, all in one BIM package and makes them easy and fast to manage changes. These improved and streamlined processes enabled BSBG designer teams to optimize their time and cost investment in several areas of the projects.

“Switching to the AEC tool set has greatly impacted our outcome. We are able to modify the existing designs with parametric capabilities. It is fantastic to work with the AEC toolset.” said **Reagan Lu - Lead Architect, at BSBG**

Conclusion:

“I would highly recommend using the AEC toolset collection as this would give you the flexibility to think beyond three dimensions. Anyone using the AEC collection can finish the project within a given time frame and within the budget. There would be less wastage of resources and transparency among the stakeholders.” said **Kevin Harper - Senior Partner, at BSBG** “

“Thanks to the multidisciplinary approach of BIM, it is possible to manage all our data and information related to the different project aspects with a single model. Now BSBG is using BIM Collaborate Pro & AEC Collection on all upcoming new projects.