

COMPANY

Moriyama & Teshima Architects

LOCATION

Windsor, Ontario, Canada

SOFTWARE

Autodesk® A360**Autodesk® Collaboration for Revit****Autodesk® Revit**

Collaborating Across Distances

Moriyama & Teshima Architects uses A360 to Virtually Co-locate for the Windsor City Hall Project

"A360 allowed both Moriyama & Teshima and Architecttura to work in real-time as one design team."

—**Claudia Cozzitorto**,
BIM Director
Moriyama & Teshima



Windsor City Hall design rendering. Image courtesy of Moriyama & Teshima.

Moriyama & Teshima is an award-winning architecture firm, located in Toronto and known internationally for its civic, cultural, and educational buildings. Utilizing their extensive experience designing civic structures, the firm was awarded the Windsor City Hall design project, in joint-venture with local designer, Architecttura.

As a joint-venture, the two firms would share scope on the project: Architecttura, a Windsor-based architecture firm, would provide local knowledge and expertise, while Moriyama & Teshima would lead the programming, design and overall vision for the new city hall.

Designing Together, Miles Apart

This joint-venture brought two core challenges to the forefront: communication across multiple team members and organization and sharing of complex BIM models. With Moriyama & Teshima in Toronto and Architecttura headquartered in

Windsor, the project required a tool that could provide a central project repository, communication center, and allow the two design teams to view, review, and collaborate across their Revit models:

"Being a BIM project, it was necessary to have joint access to our BIM model. We didn't have the infrastructure set up to accommodate this kind of joint-venture prior to this project," explained Claudia Cozzitorto, BIM Director at Moriyama & Teshima, "We needed to address and determine how we were going to handle communication being split between two offices."

They needed a flexible tool that was simple to setup, easy to use, and would provide the ability to control team member access to the project files. After some research both firms agreed to use A360 to enable collaboration within this project.

Working with remote team members can mean long email chains, conference calls, and disparate systems for project management and file access. A360 allowed both communication and access to project files within the same tool, addressing both

A360 allowed both communication and access to project files within the same tool, addressing both challenges this project faced from the outset.

The Future of BIM Collaboration

In addition to Revit model viewing capabilities, users could markup the models with freehand drawing tools, notations, and text, effectively communicating change requests without an email or conference call.

Cozzitorto claims that having a mobile option has encouraged non-Revit users to become more familiar with the model itself by enabling detailed 3D viewing, outside of the Revit application. She frequently uses the A360 mobile application herself to view and markup models on-the-go. "I use the mobile app before meetings to view the model and drawings en route to work to prepare myself or do markups before a meeting."

Joint-venture projects are becoming increasingly common, and adding the complexity of BIM models makes having a centralized location for collaboration essential. When Moriyama & Teshima completed their role in the project, Architectura could easily limit their access to the project because of their administrator role within A360, and move forward with the following phase of construction administration.

The result

A360 enabled Moriyama & Teshima and Architectura to work closely, while miles apart, enabling quick reviews, Revit model viewing, and a collaborative team structure. Cozzitorto encapsulates her experience using A360 for this project, "Being a

BIM project, it was necessary to have joint access to our BIM model. A360 allowed us to have our Revit model in a central location; basically, we worked as one office."

To learn more about A360, visit, www.autodesk.com/products/a360/overview.

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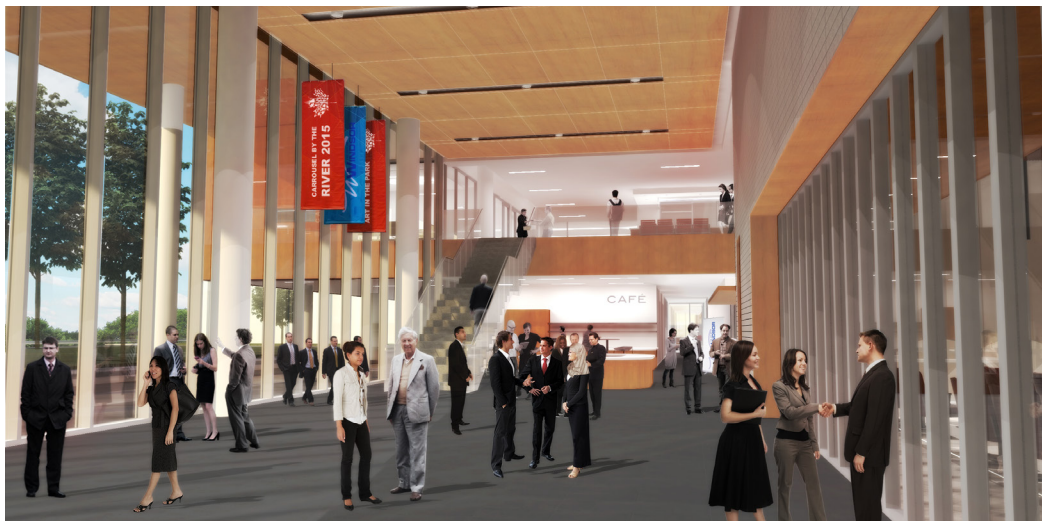


Image courtesy of Moriyama & Teshima Architects.