



## IMPROVING EFFICIENCIES WITH REVIT STANDARDS AND LIBRARIES



## FROM SILOED TO COLLABORATIVE BIM

### COMPANY PROFILE

The firm, Cynthia Zahoruk Architect Inc., was incorporated in 1996 and has since continually expanded experience with various and diverse project types. These projects include small, interior retail kiosks to large retirement homes, renovations and adaptive re-use to new construction, with both private and public clients.

*"SolidCAD provides excellent & immediate service whenever I have software "issues." Their staff know the products well and site training was invaluable. Thanks for all of your support."*

Cynthia Zahoruk  
Principal  
Cynthia Zahoruk Architect Inc.

[www.czarchitect.com](http://www.czarchitect.com)

### THE CHALLENGE

As a SolidCAD customer of over 10 years, CZA has committed to incorporating the latest technology and software into project design and management. Its current process involved a hybrid AutoCAD/Revit workflow. While Revit has been a better design tool - identifying interference and collision issues, and 3D visualization for client presentations - the lack of Revit standards and libraries increased design production time.

### THE SOLUTION

SolidCAD Solutions performed a technical workflow and process assessment with CZA and recommended a two-stage BIM execution plan. The immediate action was to develop internal Revit standards to work towards a future collaborative BIM workflow with multiple stakeholders.

The first phase was to set up graphical standards in Revit to produce the same printed output of line weights, symbols and annotations similar to AutoCAD. Revit's export to AutoCAD will be set up to ensure fulfillment of project delivery requirements. Using this guide, CZA staff took custom training to implement a project with these standards.

### THE RESULTS

- Improved efficiency in the use of Revit in the design process
- CZA staff were updated to the latest enhancements of the Revit software, and shown how to apply the new Revit capabilities to projects.
- CZA staff received specific lessons to create Revit families based on condo and home design to quickly provide data throughout the project lifecycle.

### RESOURCES UTILIZED

AUTODESK REVIT

AUTODESK AUTOCAD

AUTODESK SUBSCRIPTION

ONGOING MENTORING

CUSTOM TRAINING

SOLIDCAD TECHNICAL SUPPORT

