



Revit and Modular Construction

The growing trend in the building industry is toward the modular building concept because clients want a faster and more economical turn around, along with minimal disruption as possible. It is a well known fact that modular buildings are more cost efficient than conventional site built construction and can be up to 50 percent quicker to fulfill. Along with the reduced costs and quicker turn around, the owner will get a high quality and permanent structure that is often more reliable than traditional construction because of the controlled factory environment where the modular construction occurs. Modular Solutions Ltd. understands the need to produce high quality products in a time and cost efficient manner.

Modular Solutions Ltd. has begun to incorporate Revit Architecture, the next generation in BIM (Building Information Modeling) software. The jump to Revit Architecture has enabled Modular Solutions Ltd. to provide faster plan turn around, accurate material estimation, production schedules, and increased collaboration between trades. Stepping into the BIM realm of design and construction has allowed Modular Solutions Ltd. to detect and adjust construction clashes prior to having to correct the issue in the plant. All design and construction trades can be incorporated into one complete model and can be viewed by the respected trade to plan their install process. By viewing the complete module model, it has allowed Modular Solutions Ltd. to value engineer the buildings to reflect both total cost, which can be passed onto the client, and construction efficiency, which produces a quicker turn around.

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