



From Sketch Plan to Construction and Beyond...

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What is BIM?

“Building Information Modelling is the creation and use of coordinated, consistent, computable information about a building project in design—information used for design decision making, production of high-quality construction documents, predicting performance, cost estimating, construction planning, and, eventually, for managing and operating the facility.”

(Autodesk)



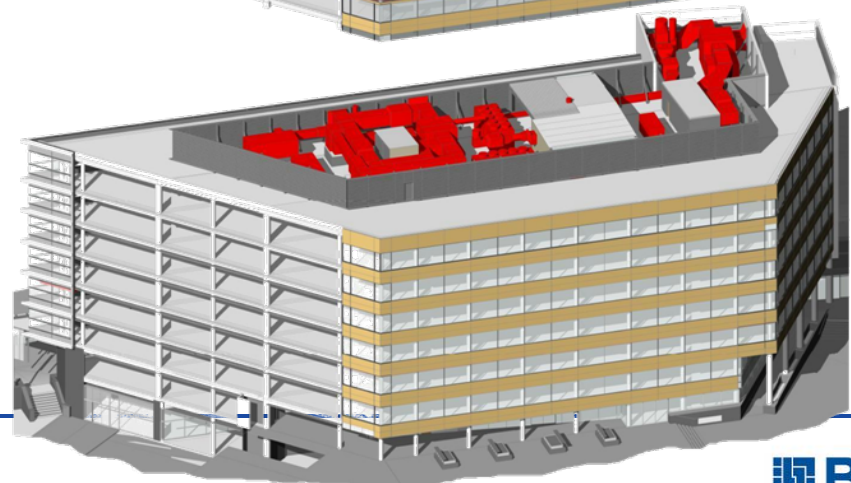
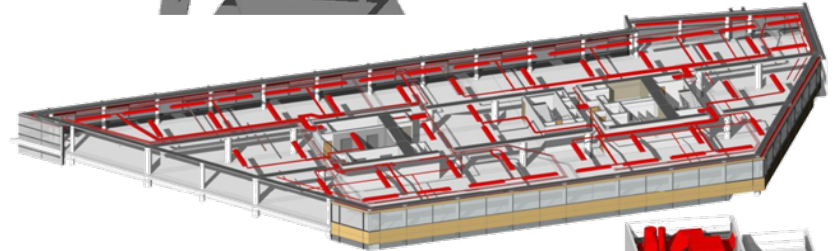
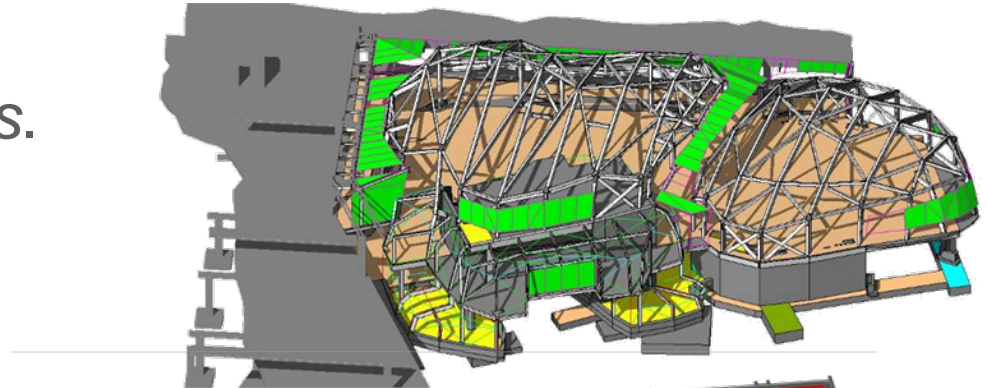
Beca BIM Background

- Early Days – AutoCAD, ADT, ProSteel, 3D+, AutoPlant, PDMS, MX...
...*too many file formats.*
...compatibility issues.

Then along came BIM

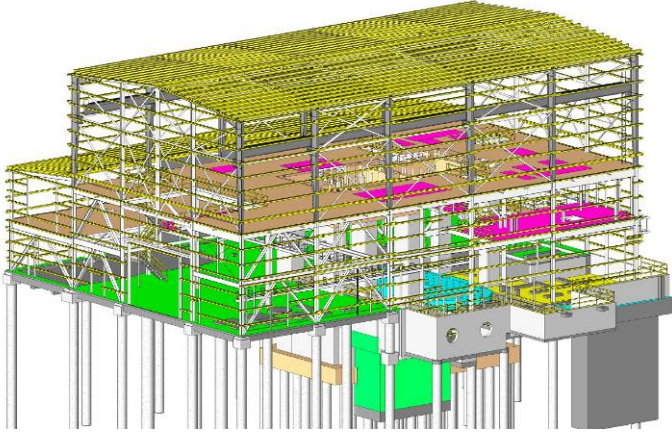
- Passion
- Trust
- Fun

Now over 70 Revit licenses
and over 50 projects
underway or complete.

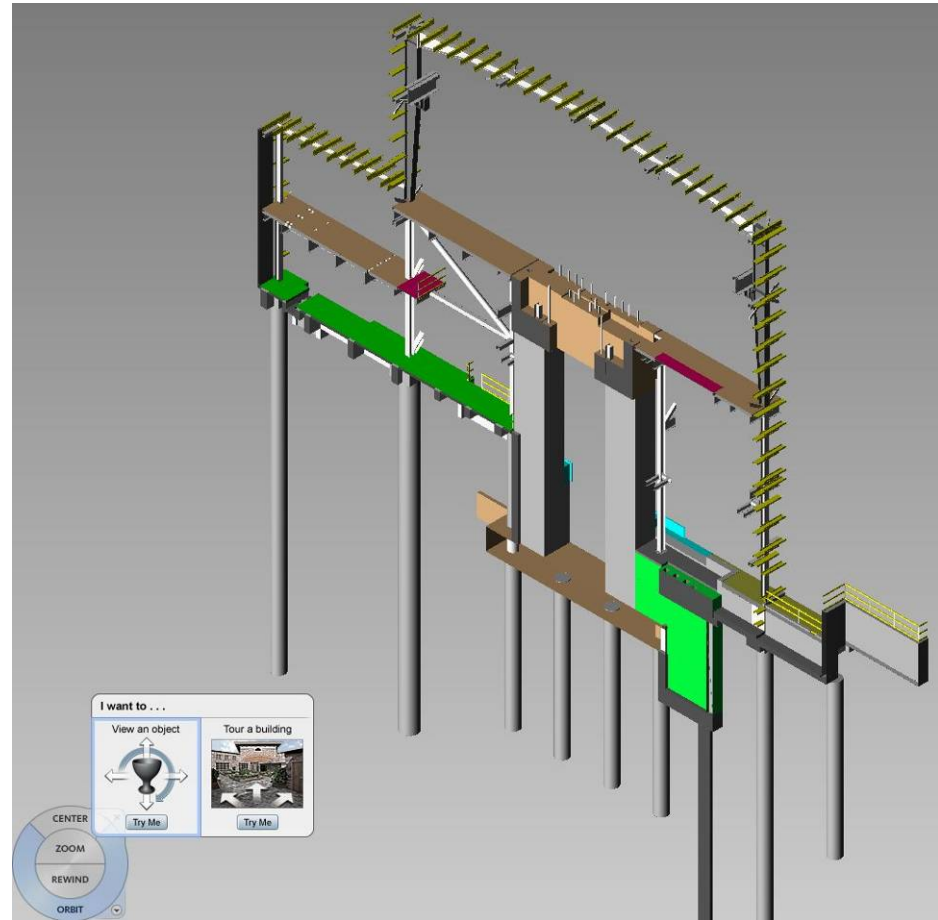


Key BIM Projects

- Kawerau Geothermal Power Station

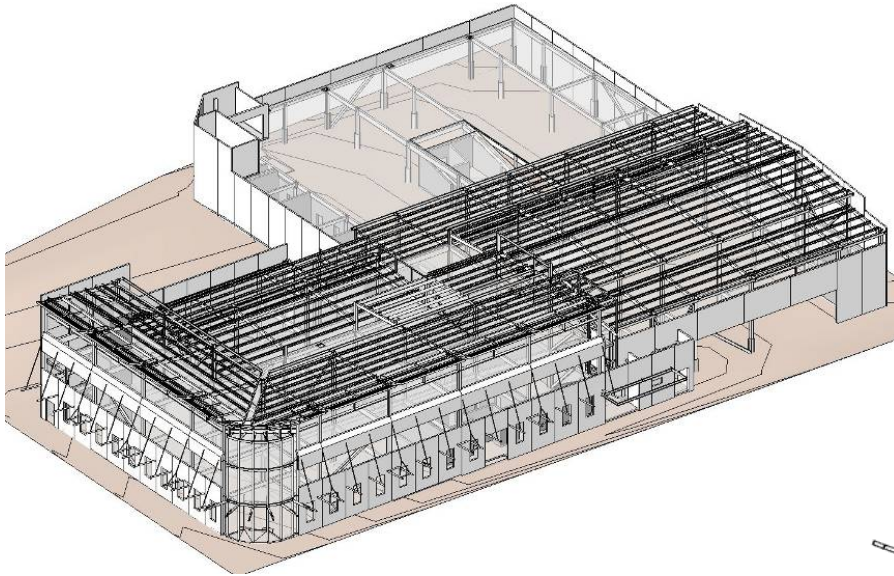


- **The** starting point.
- Large project – short timeframe
- Work smarter – work faster
- Model in Revit, detail in AutoCAD – no problems
- 3D DWF
- Result = Happy Client & Repeat work



Key BIM Projects

- Police Station – Structure only



- All in one – Modeling, detailing, drawing sheets.
- Details driven from the model.
- No lies – What you see is what you get.
- View interaction – auto-update

