ERICKSEN ROED & ASSOCIATES

Revit® Experience

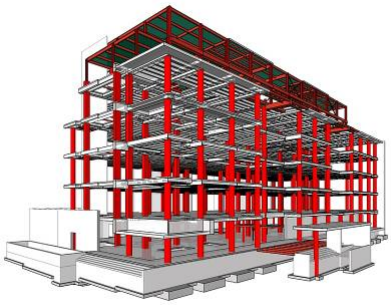
Revit® Team:

Our Revit® Team is lead by Jamie Richardson, co-author of the 2009 and the 2010 “Mastering Revit® Structure” book.

Thanks to Revit®, collaboration with Architects and MEP Engineers is more fluent and we are able to deliver a more comprehensive set of Construction Documents for approval.

Project Examples:

Each individual concrete framing member for this concrete pan and joist educational building located in Minnesota held all of the reinforcing by using text parameters which were displayed and documented in a live schedule.



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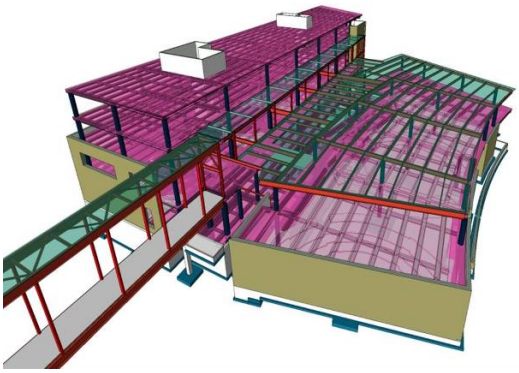
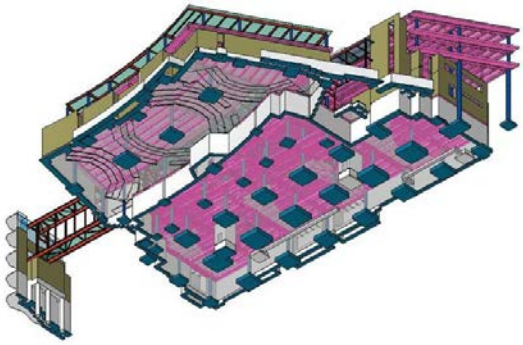
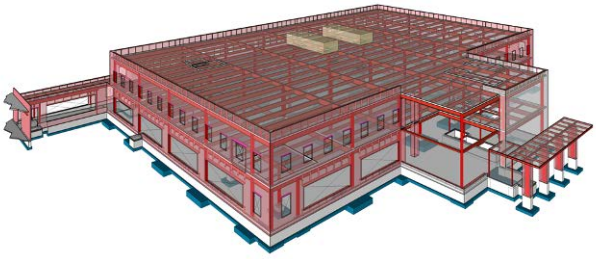


This concrete pan and joist Minnesota educational building included a curved exterior with high/low slab transitions as well as a steel framed roof and skyway to an adjacent building.





This two-story medical building located in Minnesota uses a custom opening/lintel family. The lintel displays in section, elevation as well as in plan as a symbolic line that can be tagged and linked back to a live schedule.

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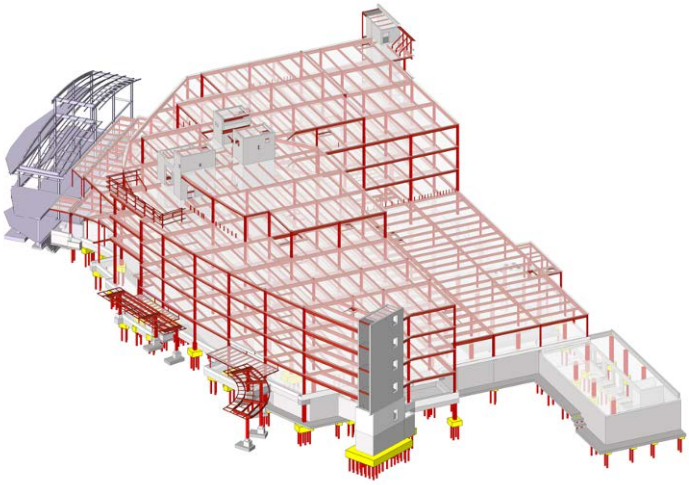
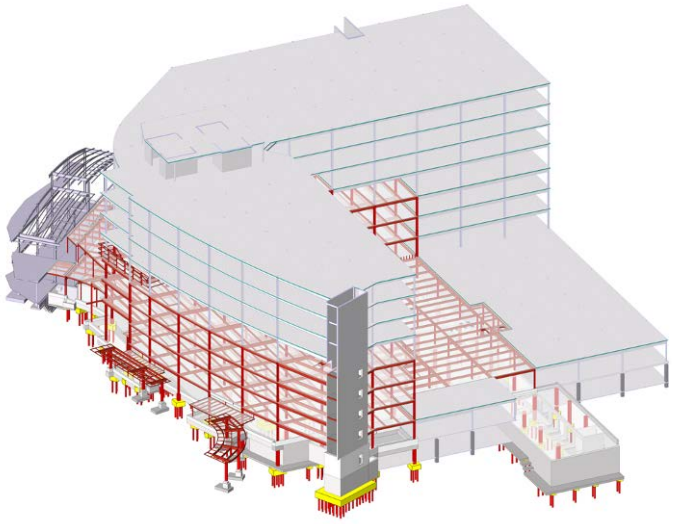


This multi-level Minnesota medical building has a composite steel structure. A model for a future construction phase was constructed in the analysis package and exported to a Revit® Structure model where it was linked into the project and used as part of the Construction Documents.



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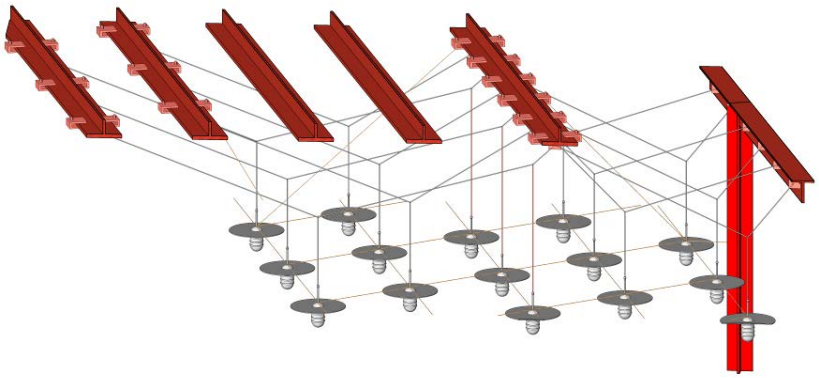
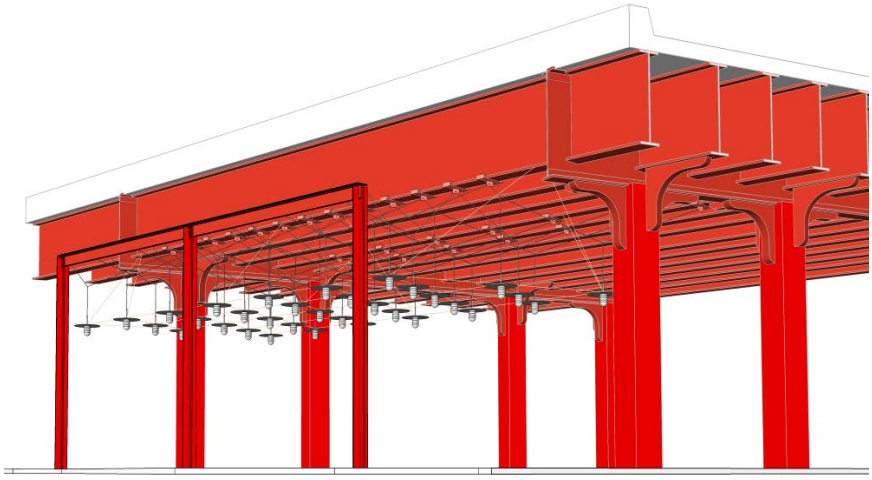


This project in New York City consisted of outdoor lighting suspended and supported by cable below an existing structure. The cables were created with a series of sweeps inside inplace families.



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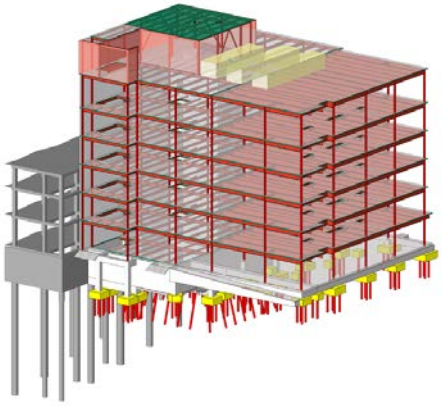
This Minnesota Hotel and Residence had several interesting features such as sloped and curved canopies, a concrete tunnel linked to an adjacent building, as well as structural systems including Post Tension and two way flat slabs, conventional and pile foundations, steel roofs with screen walls and grade beams.

Revit® Structure is used in this multi-level composite steel South Dakota structure during the Schematic Design (SD) phase to give the team a better understanding of design concepts and potential issues. Revit® Structure allows the team to carry the model from SD well into the next phases of the project.



Canopies can be the main focal point of a building's exterior. 3D views from the Revit® Structure model can be palced with the construction document set to facilitate the plan and section views.