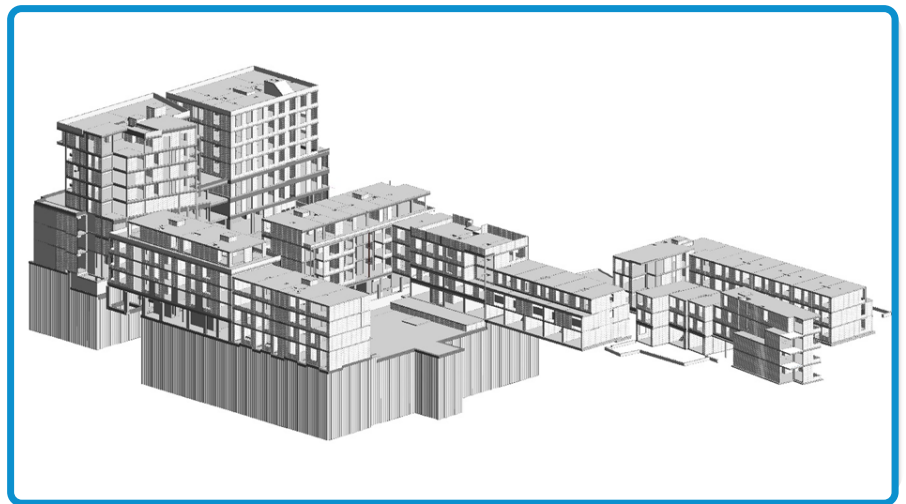
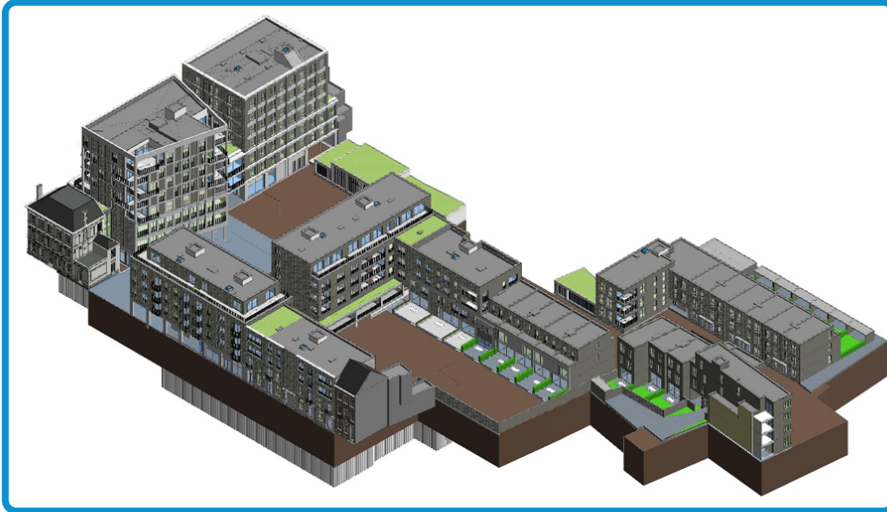


Multifamily Residential And Retail Complex Project

Multiple storey towers consisting of Residential, Retail and Hotel across the site



About The Project

The project consists of two levels of underground parking and 10 nos. of multiple storey towers consisting of Residential, Retail, and Hotel scattered across the site.

Project Scope

- PGT's scope was to create a LOD 300 Structural model of a Residential+Retail complex for Construction purposes as per Belgium Codes, Standards, and Articles.

Project Deliverables

- 3D Model in Revit
- Construction drawings

Software

- Revit

Our Challenges & Solutions

Challenges:

The major challenge was to learn, understand and pass on to our team members the Belgium codes and standards of BIM modelling along with Dutch construction terminologies. Furthermore, PGT had started creating the Structural model at an earlier stage when a Structural Engineer was not finalized for the project. Thus, we had to use Preliminary Architectural drawings to identify, interpret and create a Structural model keeping in mind the possibility of revisions to avoid future rework as much as possible

Solutions:

- PGT is involved in working alongside customers and suggesting better/effective ways of performing tasks wherever and whenever possible. Along with this, PGT is also involved in communicating if any standard/code in the project file does not meet the Belgium Standards, keeping the time deadlines on the schedule.

About Us



Founded in 1999. We are a multi-disciplinary engineering solutions company with offices in the USA & India. Delivering BIM, Rebar, Steel, Precast, Plant Engineering Services & Solutions for Commercial, Industrial, Infrastructure & Residential Projects. Get in touch with us to help you boost your profitability, project delivery schedules with quality, and efficient engineering solutions across all your projects.

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