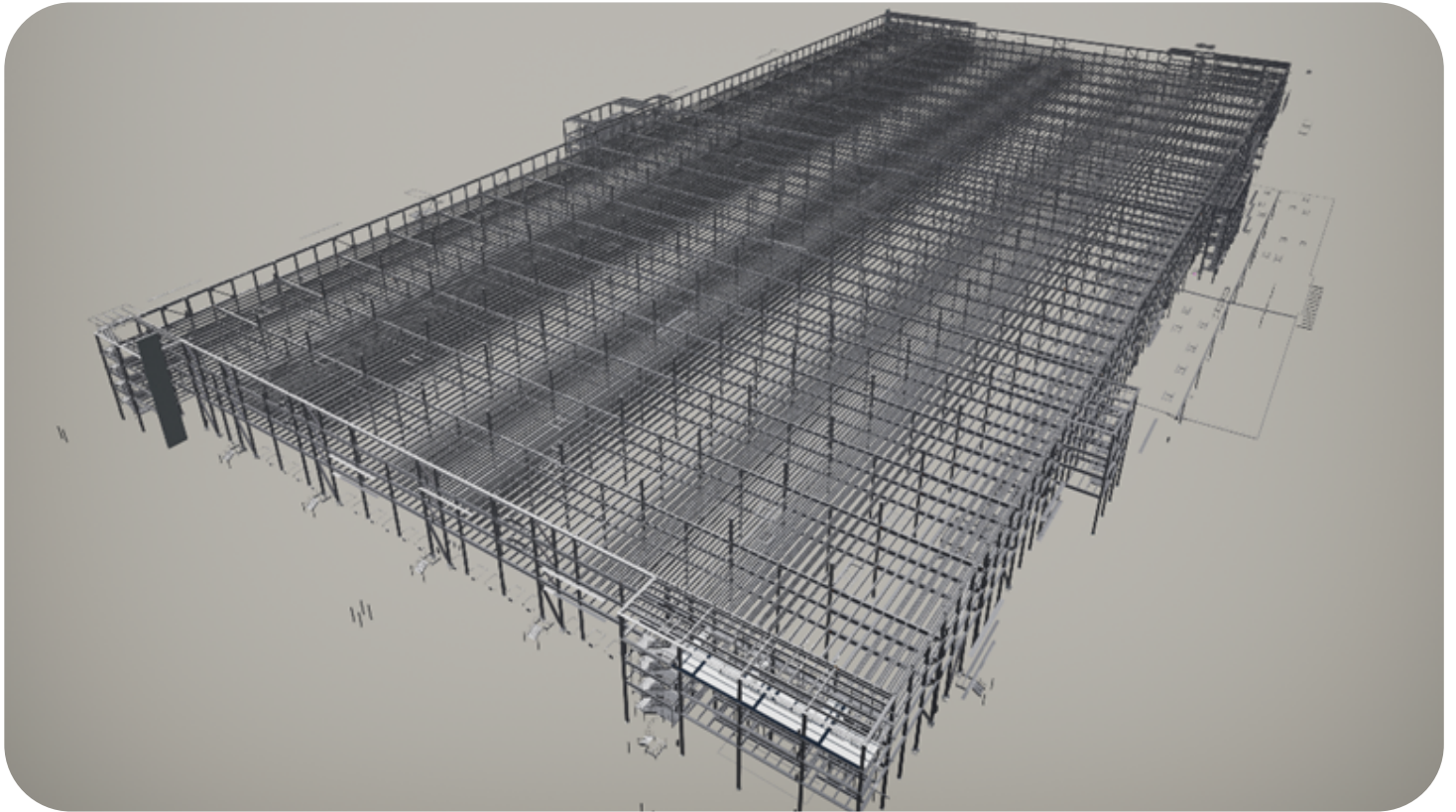


Fulfilment Centre Warehouse Project - USA

Model Creation in Tekla, Structural Steel Detailing for Main & Misc. Steel, Engineering Connection Design, Stair and Handrail Design



About The Project

A "Fulfilment Centre Warehouse" project based in OH, USA. A very timebound and challenging project, yet PGT was successful in progressing at a rapid pace of 1,350 tons of steel detailed per week. Our expertise and mix blend of high end automation tools helped us pass through easily.

Project Deliverables

- 3D Model in Tekla
- Erection & Shop Drawings
- BOM
- KISS / NC Files
- Engineering Design and Calculations for Connections
- Design and Calculations for Stairs and Handrails

Tonnage

- Around 22,000 Tons

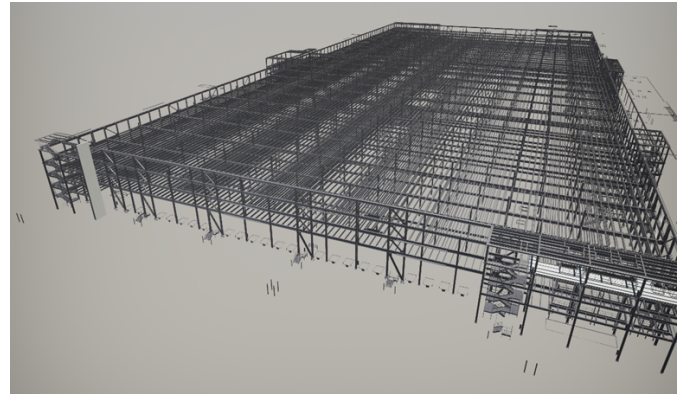
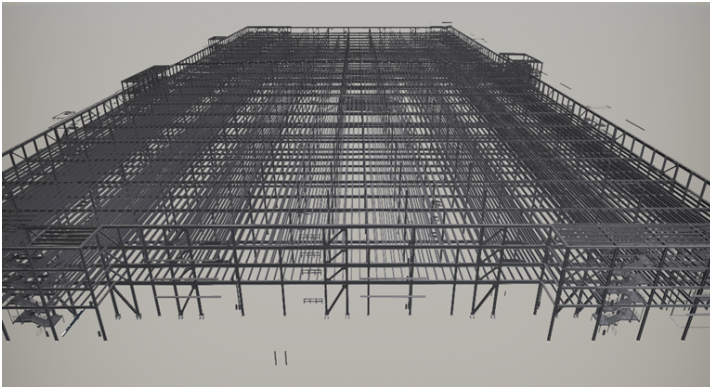
Software

- TEKLA



Our Challenges & Solutions

- The warehouse project was fast-paced and was expected to be complete in 16 weeks. PGT stood up to the challenge by fast-tracking the modelling process with in-house automation tools developed in Tekla to expedite repetitive members. Manpower planning was a crucial part of the success of this project, as efficient management of resources in critical areas helped eliminate bottlenecks.
- PGT was successful in progressing at a rapid pace of 1,350 tons of steel detailed per week. Sequence-wise manpower planning as well as optimizing connection design timelines to coincide before sequence submission dates helped keep the project under a committed time frame until completion. The use of Tekla Automation tools ensured we enabled us to stay ahead right from the ABM stage, giving us adequate time to check drawings to ensure error-free submissions.



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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