

OFFICE BUILDING LANDWEHRSTRASSE 58 Darmstadt (Germany)

New building

Client: Gewerbebau KG Planungs- und
Treuhand GmbH+ Co., Darmstadt

Architects: Gebr. Roeder Verwaltungs GmbH,
Darmstadt

Our services: Full structural design
Establishing the basis
Preliminary design
Final design
Approval documentation
Execution drawings
Preparation of contract award
Structural fire protection
Thermal insulation
Sound insulation

Brief description: Construction of a new administration
building with offices and meeting rooms,
ancillary rooms as well as an underground
car park with 31 parking spaces
- 7-storey solid construction using
reinforced concrete and partly brickwork
- 3,037 m² floor area
- foundations as a continuous floor slab
- bracing via reinforced concrete and masonry
walls as well as stairwell core
- flat slabs
- slabs spanning up to 7 m
- glass façade as post-and-beam construction,
load transfer via slab edges and surrounding
parapet
- flat roof, planted
- underground car park, partly under the building
and partly above ground, as a white tank

Completion: 2021



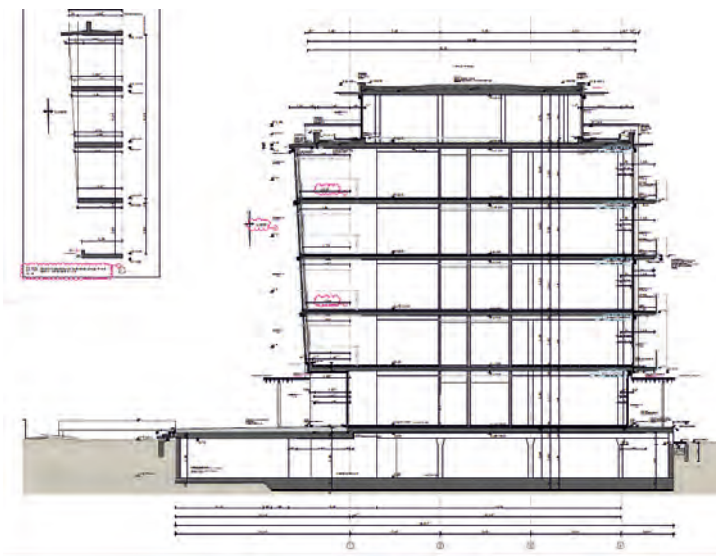
Building shortly before completion



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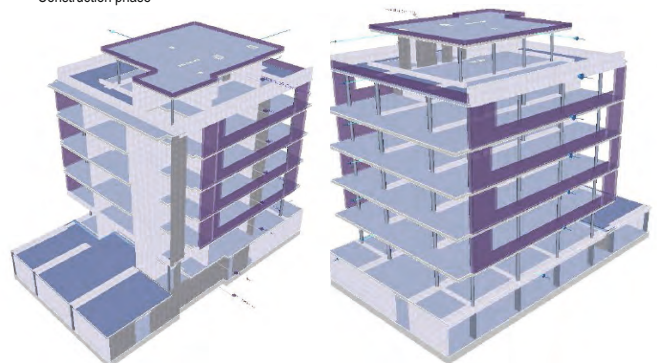


Construction phase



Longitudinal section

Pictures / Illustrations: Professor Pfeifer und Partner PartGmbH, Gebr. Roeder Verwaltungs GmbH



3-D building model, excerpt from structural design