

CAR PARK 2025/1

New construction of a central multi-storey car park Hardthöhe, Bonn



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The three existing car parks at the headquarter of the Federal Ministry of Defence (BMVg) on the Hardthöhe in Bonn became old and would have had to be extensively renovated. So, it was decided to demolish them and to build one replacement building with 1,100 parking spaces.

AMP was commissioned with design planning together with guiding details, a functional tender and the site supervision. After an initial extensive variant investigation, a 4-storey solution with 3 parallel parking lanes and one entry and exit spindle ramp each was selected as the favourite and implemented. An energy central is located between the two spindles.

The facade is clad with a stainless-steel mesh and the spindles and the energy central with high-quality precast concrete elements. The top parking level is covered, and the roof is extensively greened and equipped with a photovoltaic system.



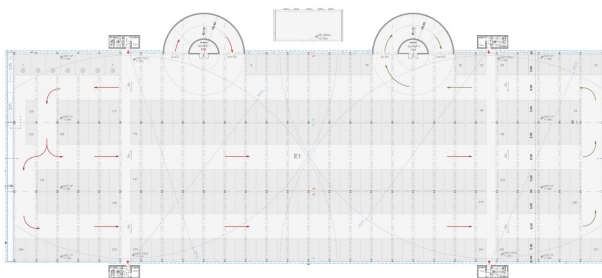
Facade with spindle ramp and staircase (Photo: AMP)



Roof view with photovoltaics (Photo: AMP)



Facade with staircase from north-west (Photo: Haver & Boecker)



Floor plan standard floor

Client:

Bundesamt für Bauwesen und Raumordnung

Planning services AMP:

Planning Phases 1 – 8

Contractor:

Goldbeck West GmbH

Car Park Information:

Number of parking spaces:	1.136
Total gross floor area:	32.000 m ²
Building cost net (cost group 200 – 500):	15,4 Mio €
Building start:	January 2023
Opening:	April 2025