

CAR PARKS 2011/1



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Underground car park at the Alexanderplatz in Berlin



Aisle A-B, Level -2

Photo: Etienne C.L. van Sloun



Entry and exit southeast side

Photo: Etienne C.L. van Sloun

Description of the car park:

3-storey, 2-aisle underground car park. Road access with entrance from southeast and northwest and exits to southeast and northwest to the 1. basement. The internal connection between the floors -1, -2 and -3 is realised via spindle ramps. The access for the delivery trucks to field D3 realised via the ramp axis 23,5 / 24,5.

Construction

The underground car park was built in "Covered construction". The cover was built on concrete diaphragm walls which are visible in the basements. The diaphragm walls, together with precast concrete columns are bearing the roof slab. The foundation and the intermediate slabs were completed after excavation from the bottom up. The 1-storey part of the building (axis 31 to 39), the underground connection to D3 and the truck access were built in an open excavation.



Central axis B

Photo: Etienne C.L. van Sloun

Building owner:

Q-Park GmbH & Co. KG, Düsseldorf

Project developer and general contractor:

Wöhr + Bauer GmbH, Bauen und Parken, München / Berlin

Design performance by AMP:

Design of the building and the structure

Specifications:

Number of parking places:	655 cars
Width of the parking places:	2,50 m
Parking angle:	75°
Span (longitudinal / across):	5,40 m / 14,90 m
Storey height 1st level / 2nd / 3rd level	3,88 m ± 4,12 m / 2,75 m
Commencement of construction:	January 2009
Opening:	October 2009

