

'Parkhaus Ost' City Concorde, Bertrange (LUX)

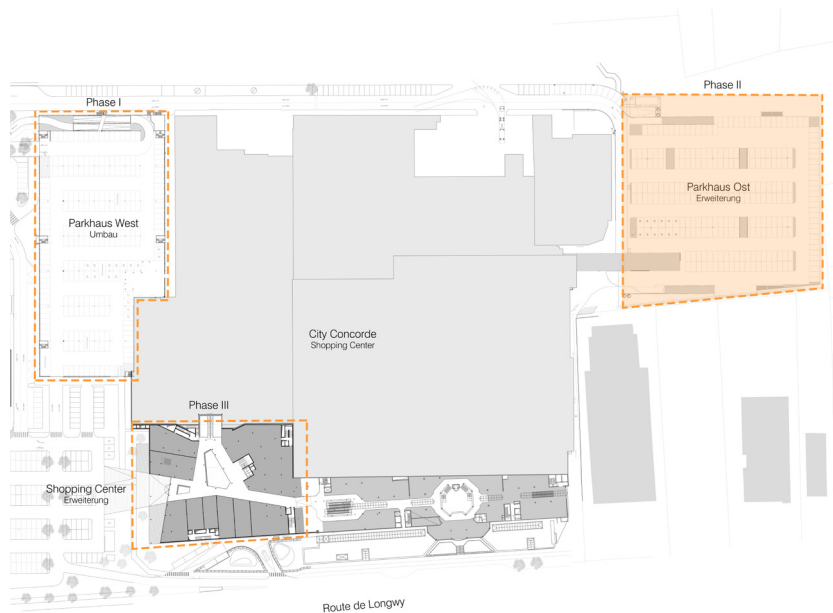
project	New construction of an underground car park in the 'City Concorde' shopping mall
client	S.C.I. Bram-Concorde, Luxembourg (LUX)
services	WW+, Esch-sur-Alzette (LUX) / Trier (GER) architecture OAI services according to HOAI LPH 1-9
civil eng.	Simon-Christiansen, Capellen (LUX)
technical eng.	Siegel Schleimer, Aspelt (LUX)
infrastructure	Luxplan, Capellen (LUX)
energy consultancy	CSD ProGroup, Luxembourg (GER)
photographs	Linda Blatzek, Trier (GER)
facts	<ul style="list-style-type: none">• approx. 600 parking spaces, including disabled and baby parking spaces• 4 charging stations for electric vehicles• roofed access to shopping centre with lift system and toilet facilities
dates and numbers	
gfa	19.810 m²
gv	52.960 m³
construction costs	15.123.000 € net
costs total	16.938.000 € gross
start of planning	04/2014
realisation	09/2015 - 11/2016

A growing shopping centre calls for a high number of parking spaces to accommodate the equally growing number of customers. As a result, the plans for the City Concorde expansion also included the construction of an underground car park, to compensate for and supplement the car parks lost as a result of the expansion. A total of 636 car parks have been created, spread out over two lower storeys and a ground-level parking area with outdoor facilities. The focal point of the underground car park is the main stairwell, which embodies both the passage and the entrance into the existing shopping centre. Given its height, the main stairwell is a visual landmark and guides customers towards the shopping centre. The façade is identical to that of the new construction and as such creates a connecting element. The pedestrian walkway forming a passage from the main stairwell to the entrance is accentuated through the use of coloured asphalt. Generally speaking, the use of selected colours and materials results in a sense of interaction between the simplicity and functionality of an underground car park and the glamour and opulence of an upmarket shopping centre.

To further underline the connection of the new construction to the existing one, the passageways and the entrance on the east side of the existing building will also be overhauled. The design aligns with the existing buildings, its new and modern elements already heralding the forthcoming new construction.

The construction of the underground car park features reinforced concrete columns and reinforced concrete slabs. The underground car park has trolley stations, as well as disabled and family parking spaces on every floor. It also has charging stations for electric vehicles. The main stairwell featuring lifts and toilets ensures that customers enjoy the greatest possible comfort and convenience.

The new construction 'Car Park East' provides customers and visitors with 850 comfortable parking spaces while providing undercover access via the new connecting building to the Passage Vendome.



site plan



