



# KAVEL 4 STATION BRUGGE

## Brugge

Realization of 49,000m<sup>2</sup> with an office building, residential building, hotel and climbing hall on top of a 2-level underground parking garage.



### Status

2023 - ongoing



### Services:

Building Services



### Sectors:

Office & Commercial: Office buildings



### Client:

NV MBG



### Architect:

NV BINST ARCHITECTS



### Area:

49000 m<sup>2</sup>



Lot 4 is part of the penultimate phase of the 'Nieuw Brugge' project, the redevelopment of the Bruges station area.

The penultimate phase consists of an underground parking garage of 27,500m<sup>2</sup> with 27,500m<sup>2</sup> of development on top. The superstructure consists of an office building with an integrated childcare facility, a residential building with 65 apartments and 4 commercial spaces, a climbing hall with office space, and a hotel with 128 rooms.

For Global Estate Group, BM Engineering took charge of the study and supervision of the building services.

For the heating and cooling of the buildings, sustainable techniques are employed. For this purpose, 326 geothermal boreholes up to 150m deep are drilled beneath the parking garage. Per building, an air/water heat pump is added to supplement the system where needed and to provide the necessary redundancy.

The parking garage is equipped with a sprinkler and SHE (Smoke and Heat Exhaust) installation.

