



HOWEST BIM IDC

Kortrijk

New construction for the Industrial Design Centre for Howest Kortrijk. The assignment consisted of fitting a connecting building between two existing buildings with the aim of expanding the campus for product development.



Status

2017 - 2019



Services:

Building Services, Structural



Sectors:

Care & education: Education



Client:

Howest



Architect:

Bildt Architecten bvba



Area:

1476 m²



Assignment: BIM Coordination / FM - BIM - BIM management

For the IDC Howest project, BM was part of the design team for the disciplines of structural engineering and building services. Furthermore, BM also guided all partners of the design team in the BIM process imposed by the client. For this purpose, BM appointed a BIM manager who drafted the BIM protocol that was included with the tender. After construction, however, BM received the request to build a BIM as-built model that provided the possibility to link facility management to it. The structural engineering and building services part was upgraded to a higher level of detail and adjusted according to the execution. In addition, all architecture was also modeled in 3D.

Design:

- Directing design partners for 1 coordinated design model structural engineering/architecture/building services
- Drafting BIM protocol for tender + drafting general project flow for execution

Execution:

- Coordinating execution models
- Drafting building services execution model at the request of the contractor
- Data management for Facility management.

As Built:

- Drafting BIM as-built model Revit/IDC
- Linking data to as-built model