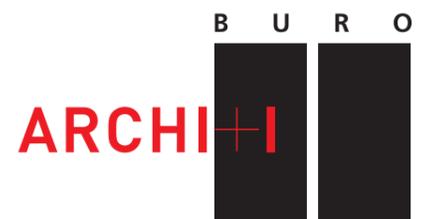




# BEKAERT NV OFFICE BUILDING ZWEVEGEM [2013]

**BURO II & ARCHI+I** | urban planning | architecture | engineering | interior design

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# BEKAERT NV OFFICE BUILDING ZWEVEGEM [2013]

Request for proposal: quotation of design - laureate

## A PROJECT DATA

### Client

NV Bekaert SA  
Bekaertstraat 2  
B-8550 Zwevegem

### Description and location

New office building  
Esserstraat 2, B-8550 Zwevegem

### Team

TEMPORARY ASSOCIATION BURO II & ARCHI+I - SILEGHEM & PARTNERS  
Ir. arch. Piet Sileghem [project architect]  
Ir. arch. Michel Van der Beken [project director]  
Arch. Steven Vanwildemeerch [design architect]  
Int.arch. Bart Decloedt [interior architect]

### Status

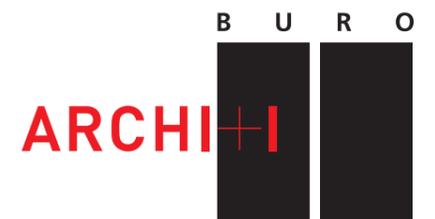
Specified execution term: start 01/09/2011 – end December 2012  
Actual execution term: start 01/09/2011 - end 20/02/2013  
Handover date: March 8, 2013

### Surfaces

Area surface: 7.224,51 m<sup>2</sup>  
Land use of the building: 1.200,83 m<sup>2</sup>  
Gross floor area: 3.508,30 m<sup>2</sup>

### Energy Performance [EPB]

E level: E70 - K level: K23



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## Context

Bekaert ([www.bekaert.com](http://www.bekaert.com)) is a world market and technology leader in steel wire transformation and coatings. The new administrative building is built on a site in Zwevegem, near the Bekaert Technology Center (BTC) site. The architects have opted in favour of a campus model for the building, thus prioritizing the synergy between the new project and the BTC. The building's implantation, the design of the surrounding area as well as the architectural approach are all conceived in function of this synergy.

The building is situated across the street pattern, partly positioned in parallel to the buffer pond corresponding with the rhythm of the buildings in the Esser industrial zone, partly connected to the ETC buildings. The result is a playful element in the design.

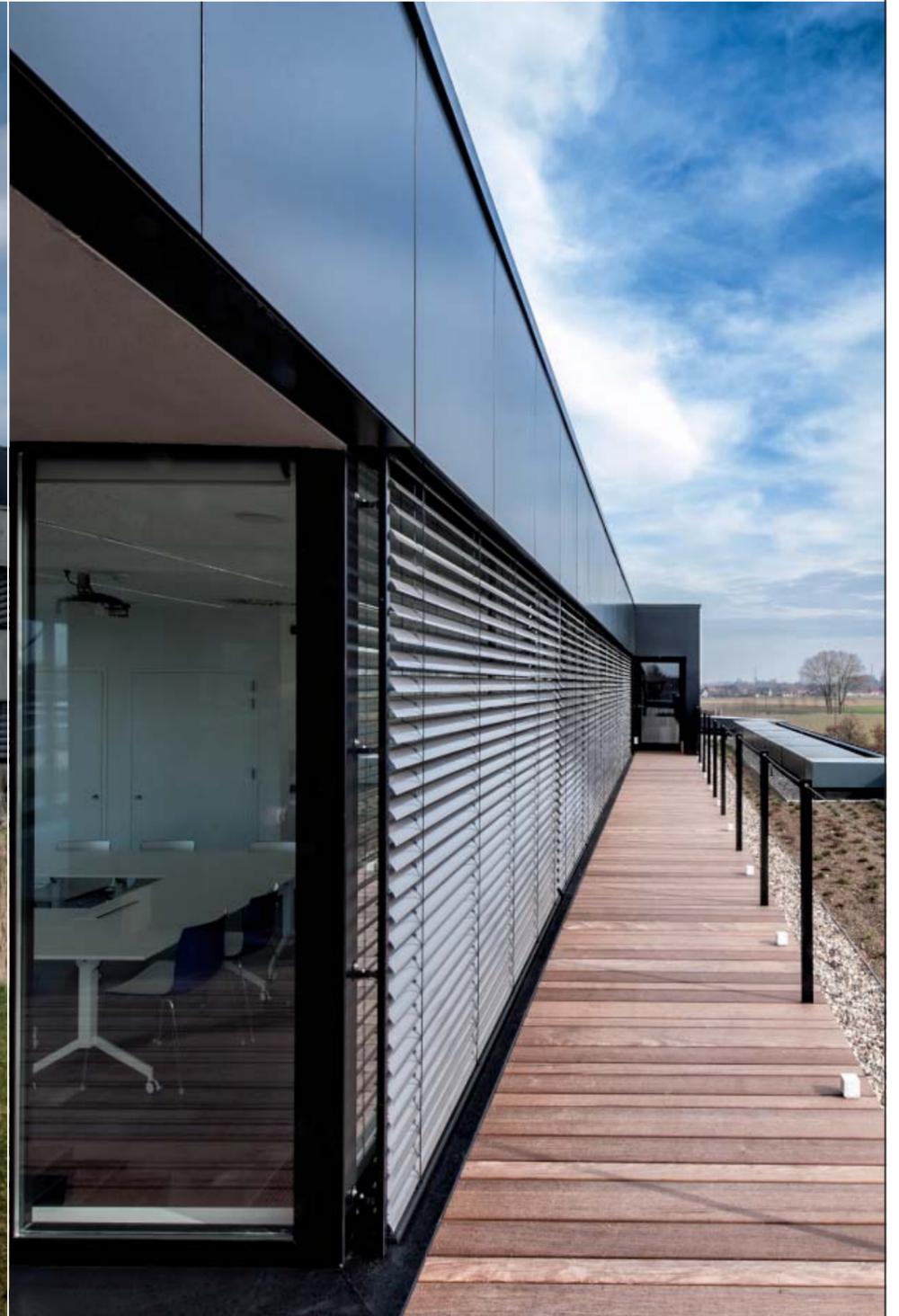
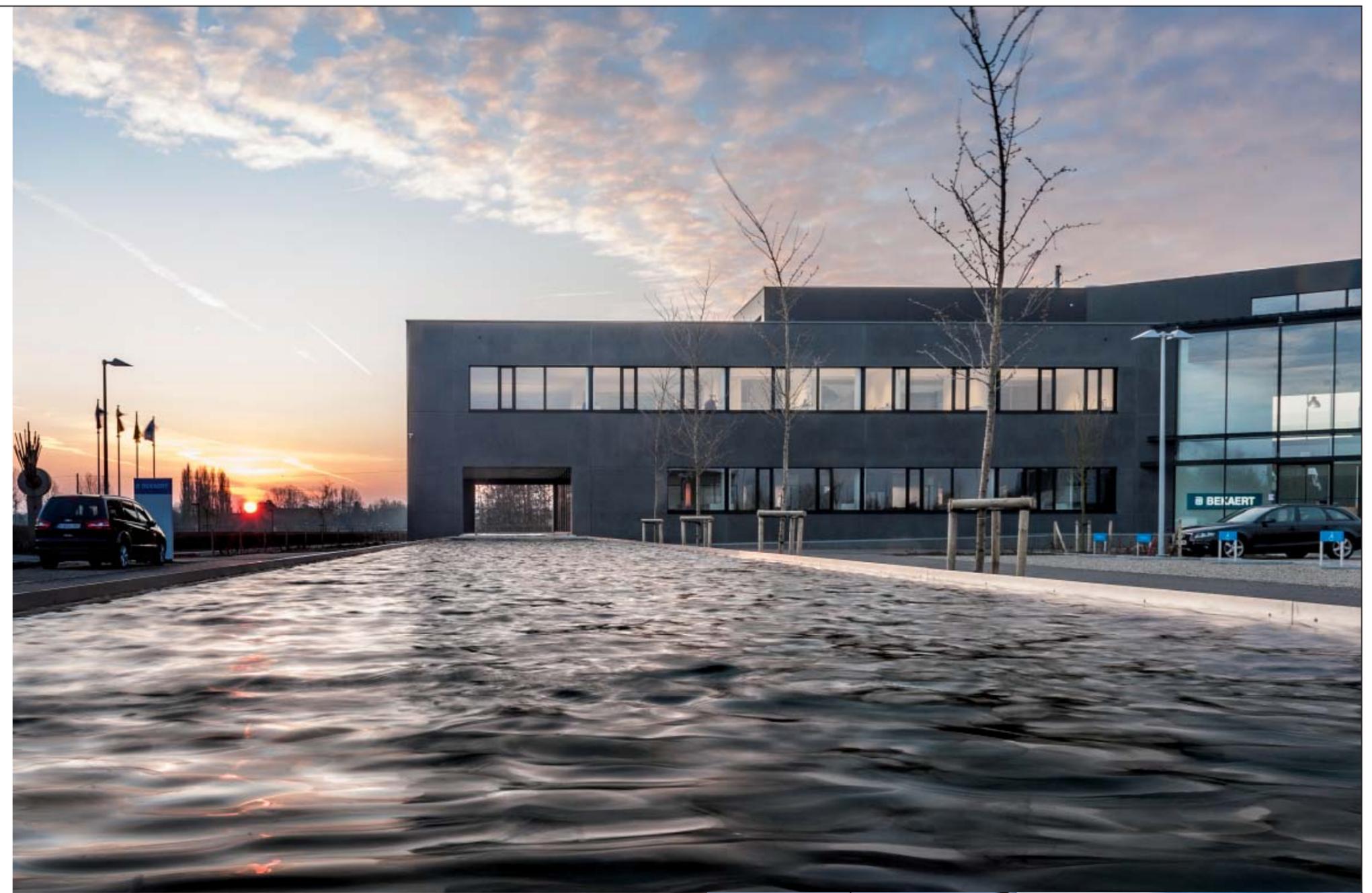
## Architecture

The program consists of two levels with a rooftop level. The building is made up of two office zones that are positioned at an angle. The zone between both volumes is used for the entrance and the lobby with a footbridge. The office zones are on the facade side (in function of the view, air and light). The fixed cores are in the middle zones, i.e., formal and informal meeting spaces, open spaces and internal vertical circulation. Open spaces and skylights create opportunities for night-time ventilation and also introduce natural light into the middle section of the building. The third level has been designed as a penthouse with a multipurpose room with rooftop terrace. The aim was to strike a balance in the architectural plans between transparency and privacy, while respecting auditory comfort. Separate work units alternate with clusters for small groups and larger landscape offices.

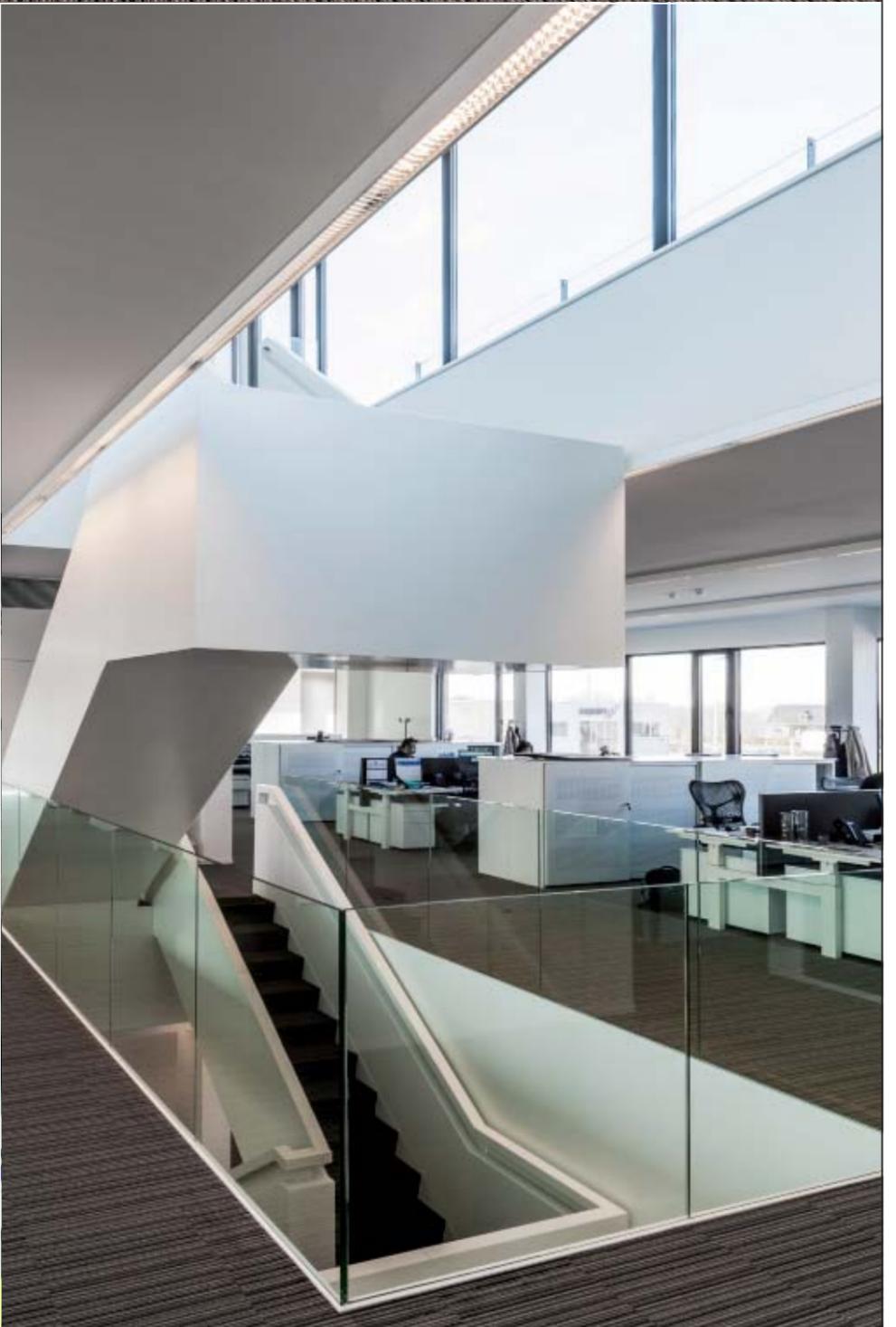
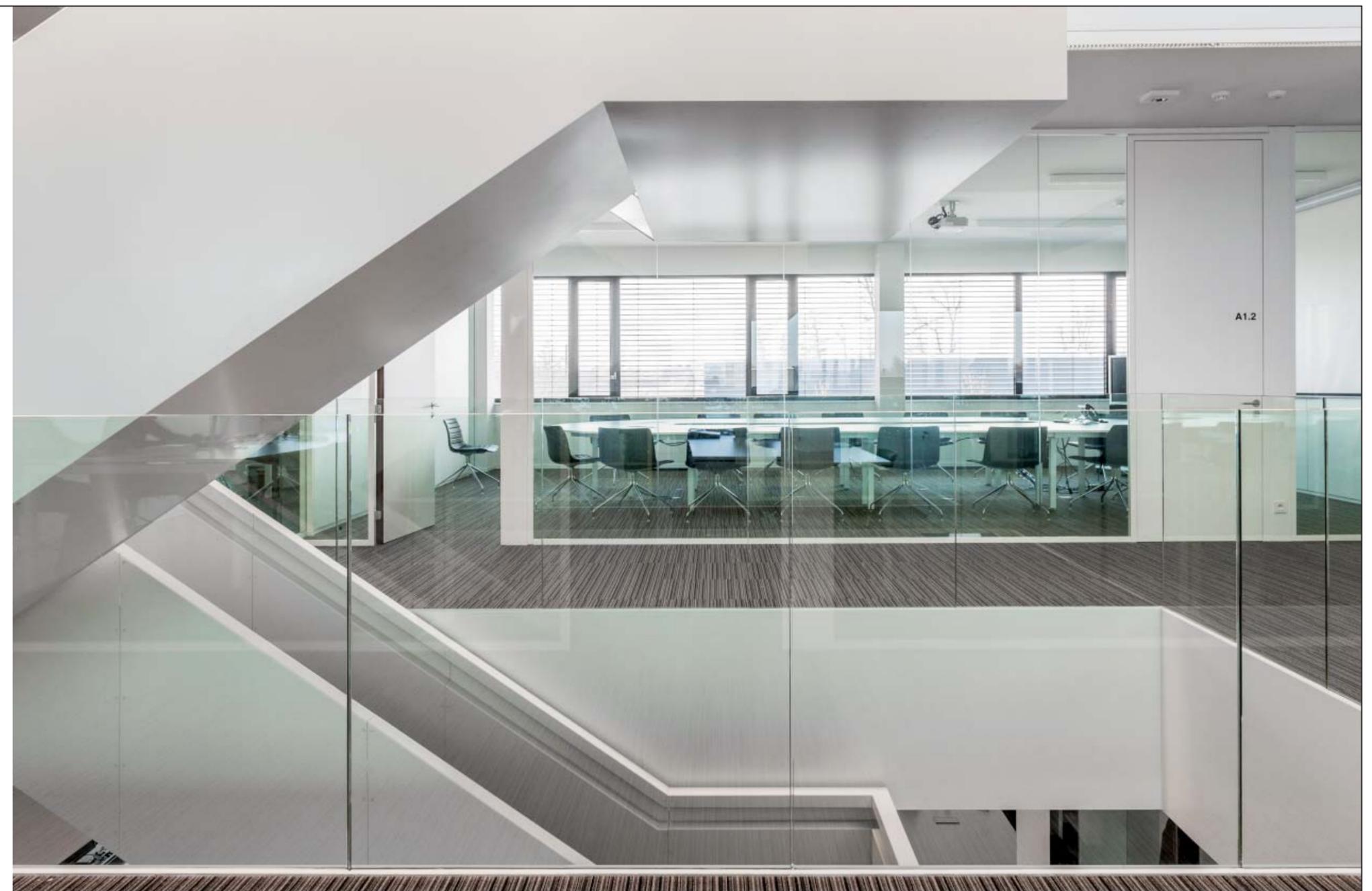
## Engineering

The client appreciates the infrastructure's flexibility, which has been designed in function of the alternating occupation: the finish has been adjusted accordingly. A thermal building envelope, providing for proper insulation, night-time ventilation and other controllable techniques contribute to a longer lifecycle and limited complexity. The result is a building with a qualitative, powerful and simple architecture with a relatively high degree of craftsmanship and finish, which offers optimal comfort, is flexible, sustainable and energy efficient with target coefficients of E60 and EPC30.

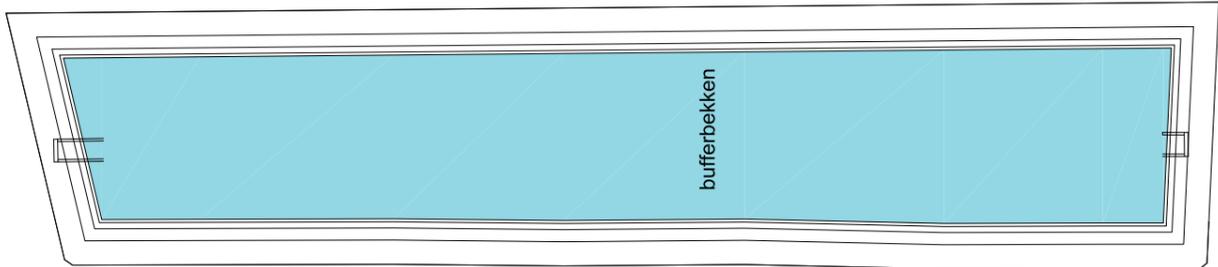








IMPLANTATION

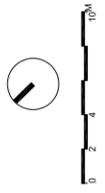


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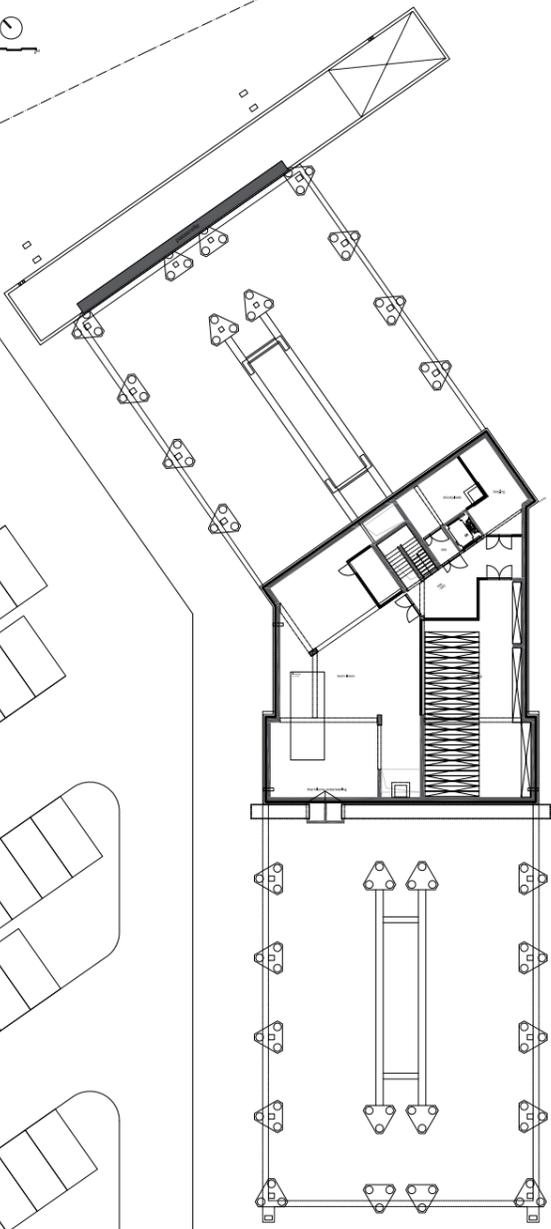
ESSERSTRAAT  
gemeenteweg  
asfaltverharding

OUDE HEERWEG  
gemeenteweg  
asfaltverharding

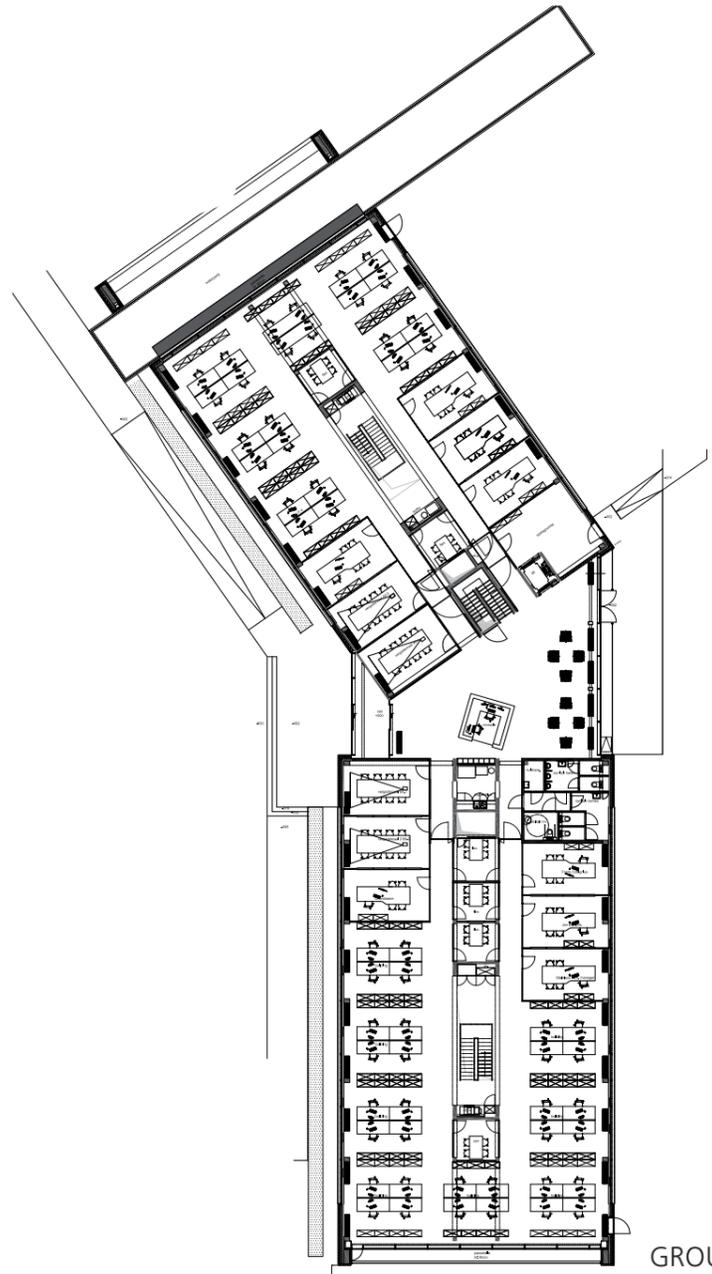
Sle'A nr818L 1°afd.



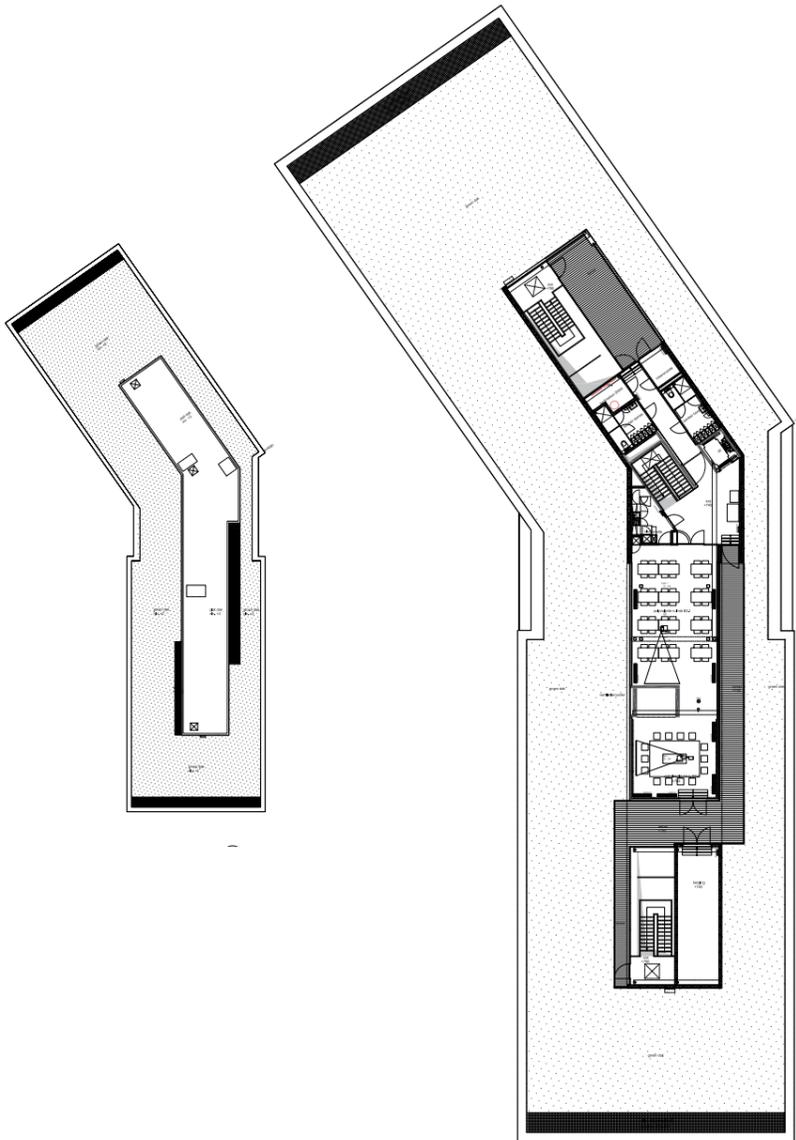
GROUND FLOOR



CELLAR



GROUND FLOOR



NIVO +2



NIVO +1

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## Team

Architecture: Temporary association BURO II & ARCHI+I and Sileghem & Partners  
Interior architecture: Temporary association BURO II & ARCHI+I and Sileghem & Partners  
Projectmanagement: Temporary association BURO II & ARCHI+I and Sileghem & Partners  
Structural conception: Temporary association BURO II & ARCHI+I and Sileghem & Partners  
Structural work: Studiebureau R. Boydens, Loppem  
Acoustics: EVA-International bvba, Brugge  
Safety coordination: DCC bvba

## Contractors

Closed shell construction: Alheembouw, Oostnieuwkerke  
Metalling: Metaalconstructie Blomme bvba, Roeselare  
Flooring: Vloeren D'Hondt cv, Tiegem  
Interior joinery: Decorteam Jan Meuleman & Co nv, Kortrijk  
Painting: Decorteam Jan Meuleman & Co nv, Kortrijk  
Patch work: Quality Wall bvba  
Fixed furniture: Drafab bvba

## Surroundings

Surroundings: Alheembouw, Oostnieuwkerke

