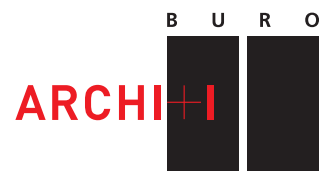




SCHOOL FOR ORNAMENTAL METALWORK AND BLACKSMITHING ANDERLECHT [2014]

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

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SCHOOL FOR ORNAMENTAL METALWORK AND BACKSMITHING ANDERLECHT [2014]

A PROJECT DATA

Client

GO! Onderwijs van de Vlaamse Gemeenschap
Afdeling Infrastructuur
Emile Jacqmainlaan 20
B-1000 Brussel
Hilde Boel
Tel. 02 790 96 31

Description and location

Construction of a school for ornamental metalwork and backsmithing
Corner Materiaalstraat, Albert I-square, Flinsdreef, B-1070 Anderlecht

Team

IN COLLABORATION WITH ISTEMA [TECHNIQUES]
Arch. Geert Blervacq [project director]
Arch. Xavier Callens [design architect]
Arch. Lore De Baere [design architect]
Arch. Steven Martin [project architect]
Arch. Virgine De Somer [project architect]
Int.arch. Bart Decloedt [interior architect]
Landscape arch. + urban planner Frank Van Oost [landscape architect]
Landscape arch Kobe Vanhaeren [landscape architect]
François Braem [stabilité]

Status

Specified execution term: 250 working days
Actual execution term: 250 working days
Handover date: completed on September 15, 2014

Surfaces

Area surface: 31.557 m²
Land use of the building: 1.148,62 m²
Gross floor area: 1.536,57 m²

Energy Performance [EPB]

E level: E70



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Context

The new building houses both courses - ornamental metalwork and blacksmithing - in order to provide the students (adult education and evening classes) with all modern comforts while creating a showcase for the craft. The plot is located on a site with two other schools, the CVO and the Erasmus University College, which form a campus. With its compact form, the new school similarly inhabits the space. The plot was selected so that the rest of the site can be used as a green area.

Architecture

The new school comprises a platform of approximately 1,525m² and is based on the patio model for reasons of security and noise control. Transparent sectional doors are employed to allow views of the patio and between the various forges.

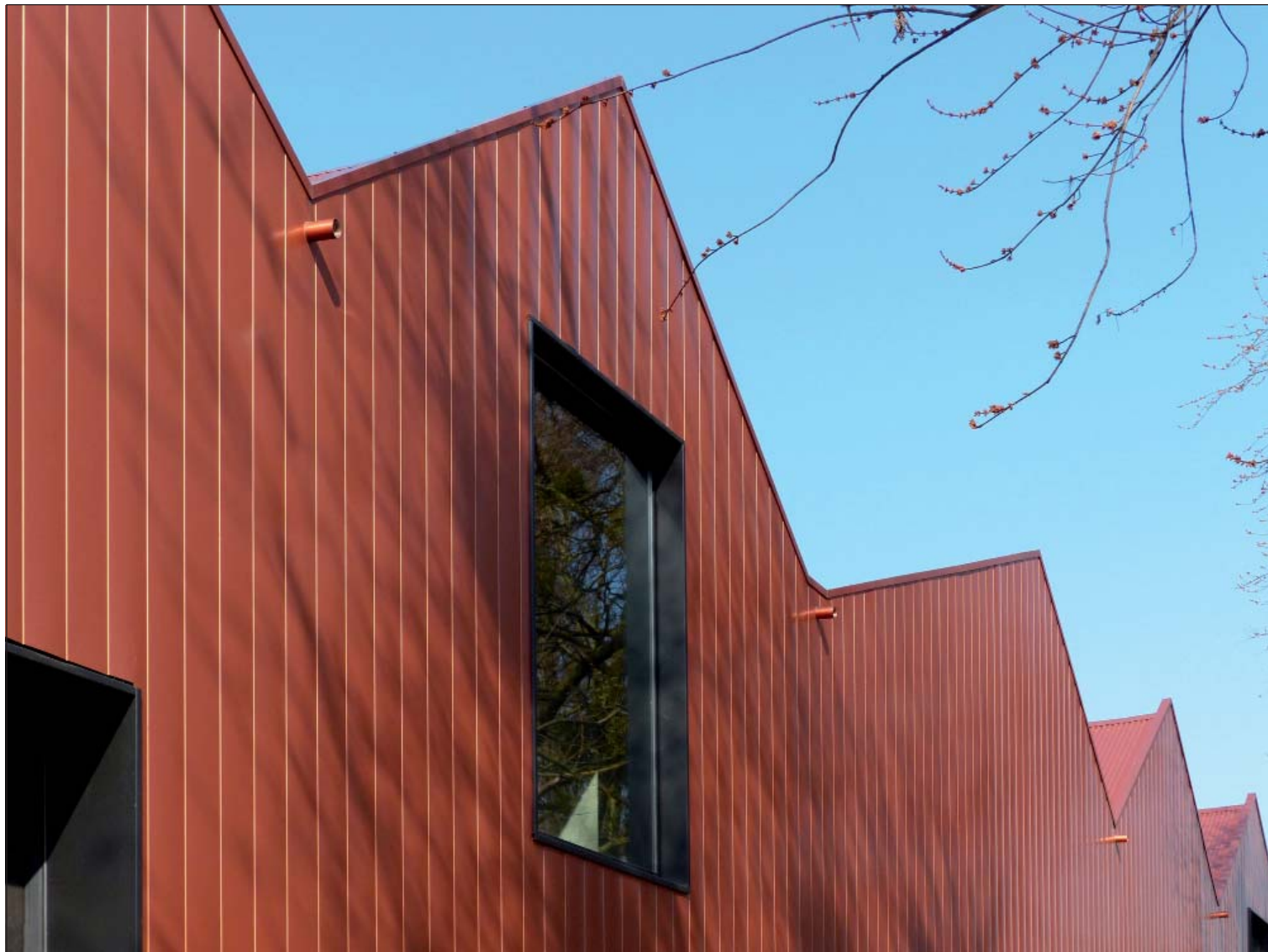
The chosen form enables efficient and shared use of the technical areas and installations. The building has a concrete plinth of 1m20. The rest of the facade and roof is covered by a copper-coloured lacquered steel plate: the metal colour creates a link with the crafts. The copper gives the building presence on the campus without it appearing too industrial. The windows are of black painted aluminium. Variation in the shape of the roof reflects the industrial past of the area and provides architectural interest.

Engineering

The roof design has the additional advantage of providing maximum natural light and optional natural ventilation for the building. The large windows ensure optimal natural light but also provides a view of the inside to a passer-by. The school wants an energy efficient building that meets the E70 standard.

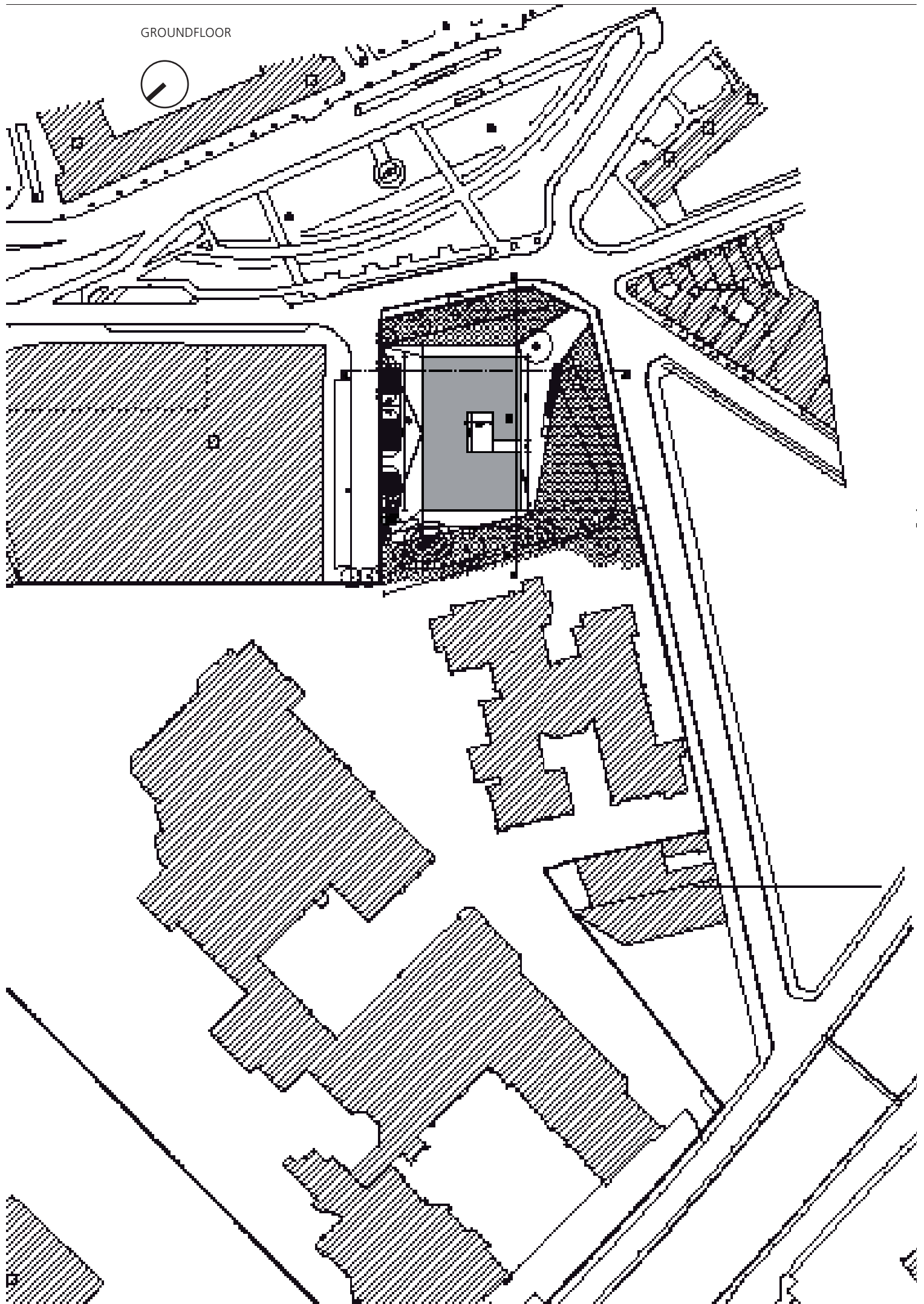
The building is to be fully accessible for disabled visitors. The majority of facilities (forges, toilets, staff room, classroom) are found on the ground floor. Changing rooms, showers and two further classrooms are situated on the duplex floor, which is accessible via a lift with wheelchair access.



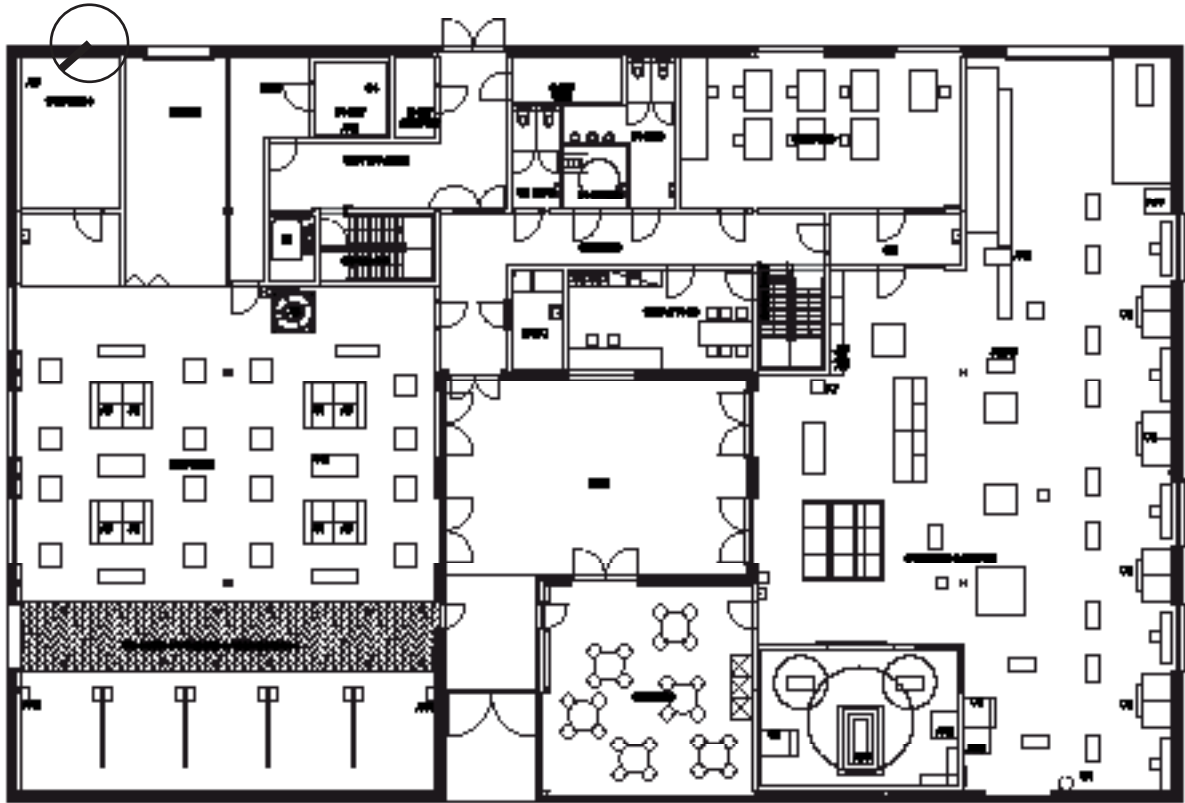




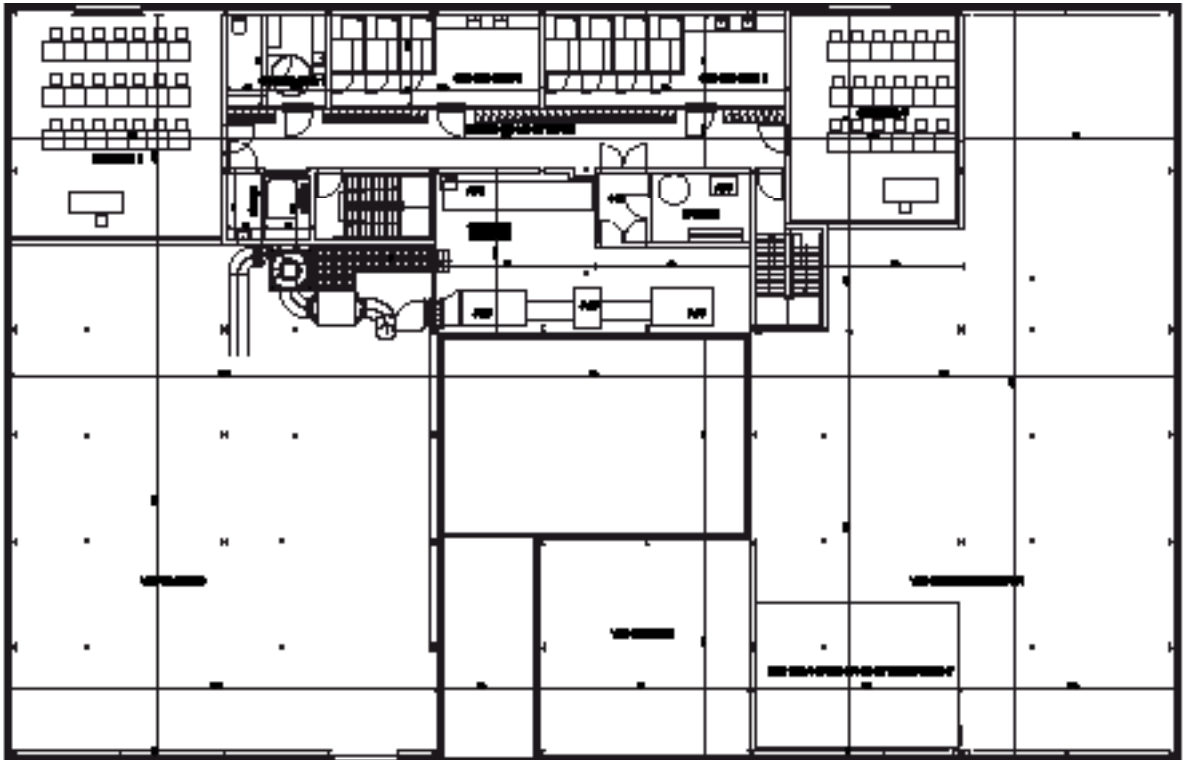
GROUND FLOOR



GROUND FLOOR

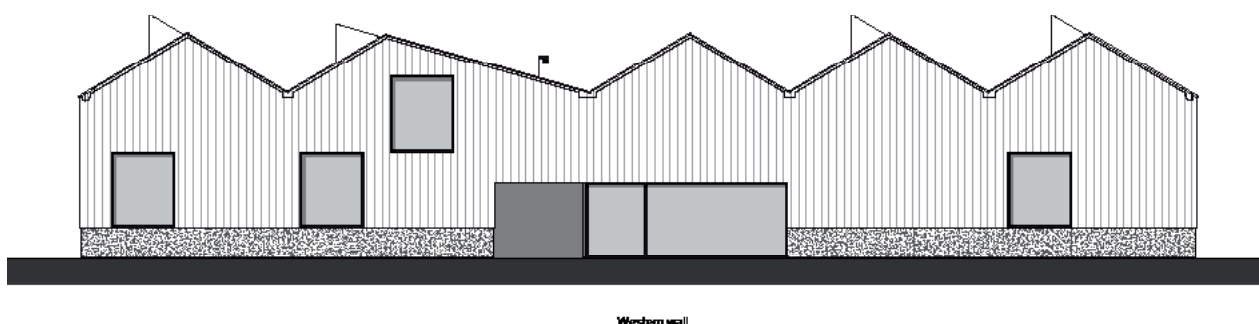
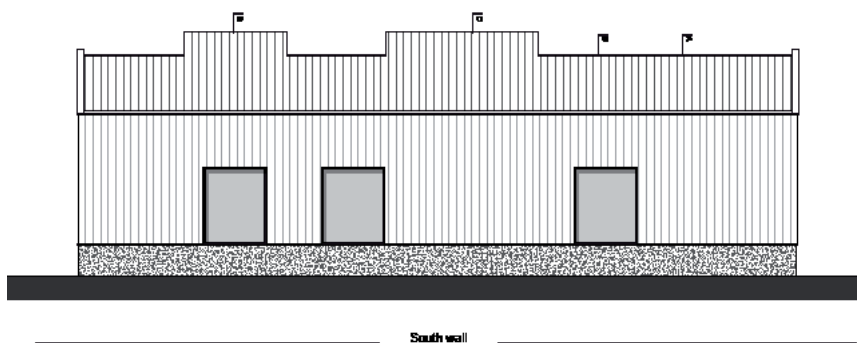
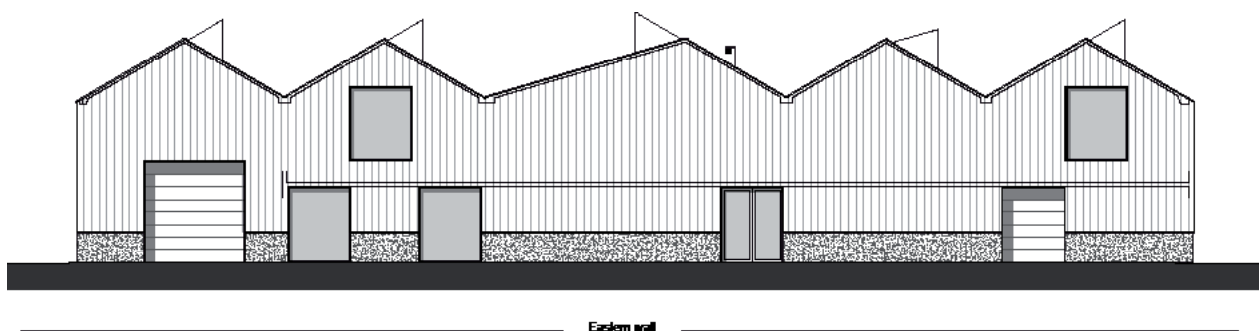
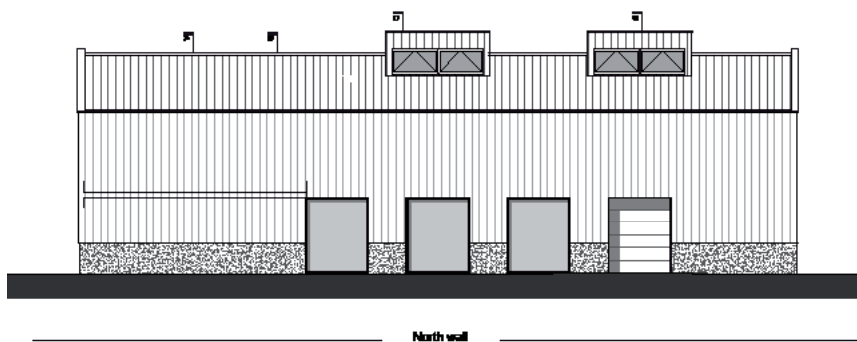


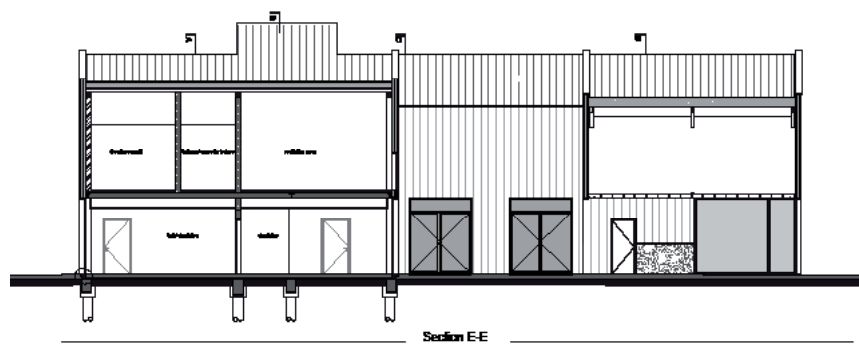
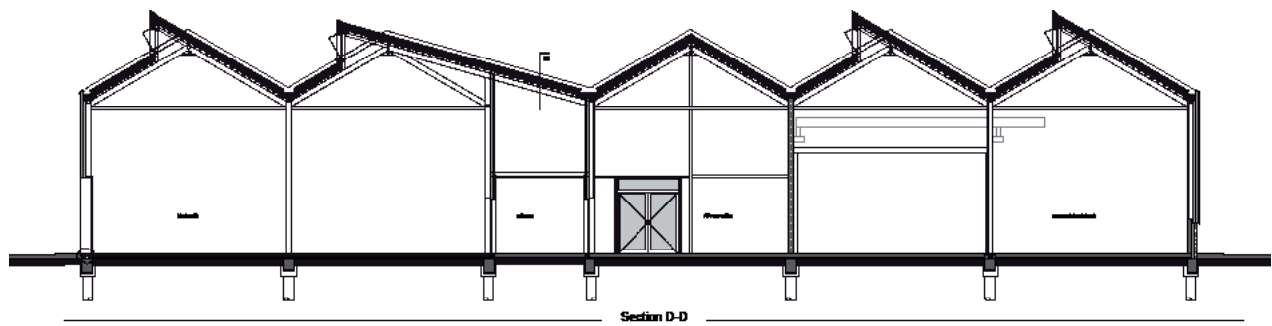
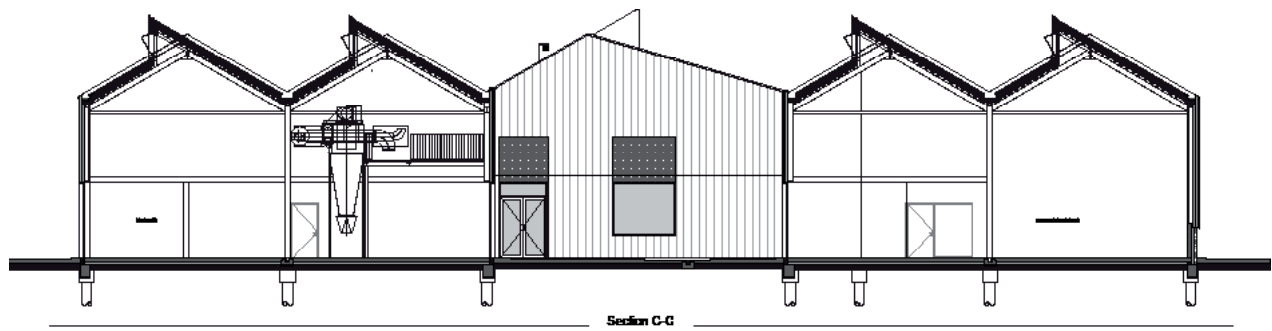
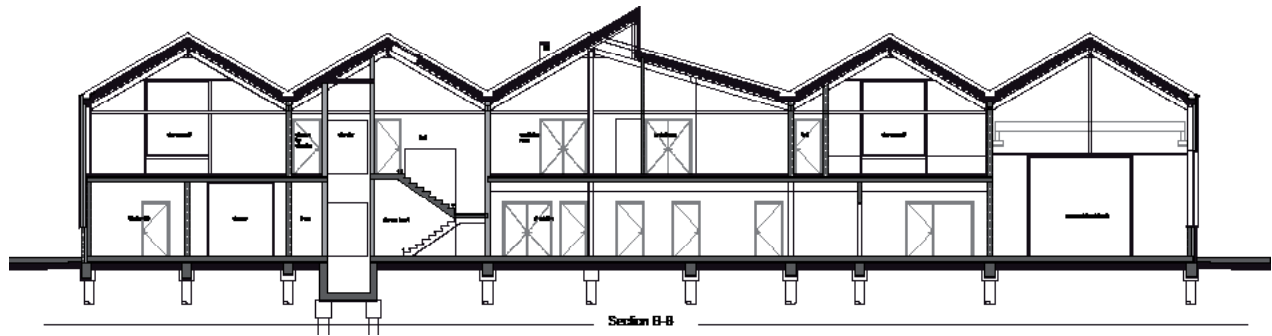
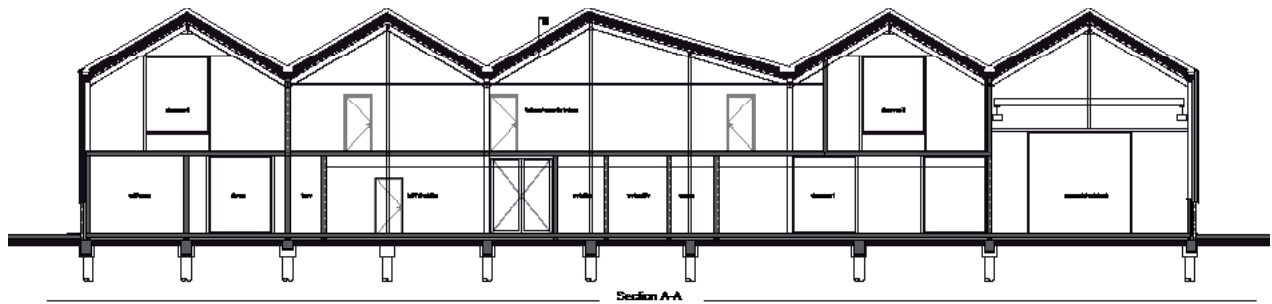
Ground floor



First floor

FACADES





SCHOOL FOR ORNAMENTAL METALWORK AND BACKSMITHING ANDERLECHT [2014]

Team

Architecture: BURO II & ARCHI+I
Projectmanagement: BURO II & ARCHI+I
Structural conception: BURO II & ARCHI+I
Structural work: Istema, Gent
Safety coordination: JP Beerens
Acoustique: Bureau De Fonseca, Meise
EPB: Climatex, Merchtem
Landscape architect: BURO II & ARCHI+I

Contractors

Head contractor: Peremans nv, Halle
Steel framing: Staalbouw Verelst nv, Putte
Façade and roof works: Jodamo nv, Bree
Plantation: De Claremont Alain bvba
Surroundings: Van Hoorebeeck J nv

