

Wohnprojekt Wien Einszueins Architektur





Wohnprojekt Wien is an eight-storey housing block that contains 39 dwellings, but also many community spaces as well: one for various events, a communal kitchen, a playroom for children and a workshop. The roof storey houses also community space with different functions such as sauna, library, three guest flats and two communal roof terraces.

The ground floor is represented by a cafe/shop and an office, which is used by the architects themselves.

The compact structure is animated by deep bays cut in the two long faces. As a result, most of the 1 – 6-room dwellings receive daylight from more than one aspect.

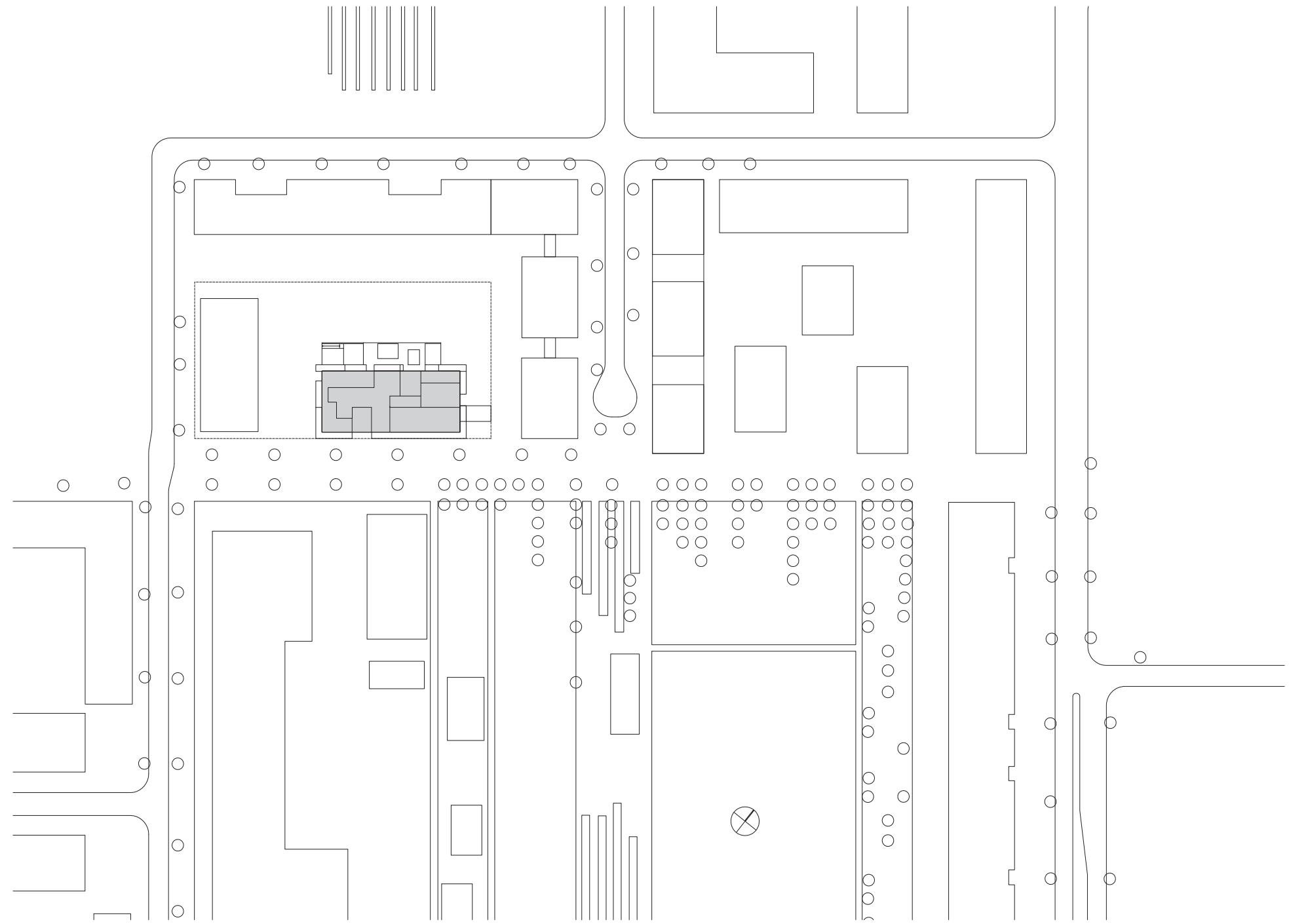
Externally, the different layouts are evident in the free arrangement of windows and balconies. Internally, the bright, spacious staircase forms the central access route and provides a location for chance encounters and conversations.

There are many components contributing to the sustainability of the building: mineral insulation, a 100 m² photovoltaic plant on the roof, a groundwater heat-exchange that supports the ventilation of the living space. As far as warm-water heating is concerned, an almost passive-energy standard is achieved.

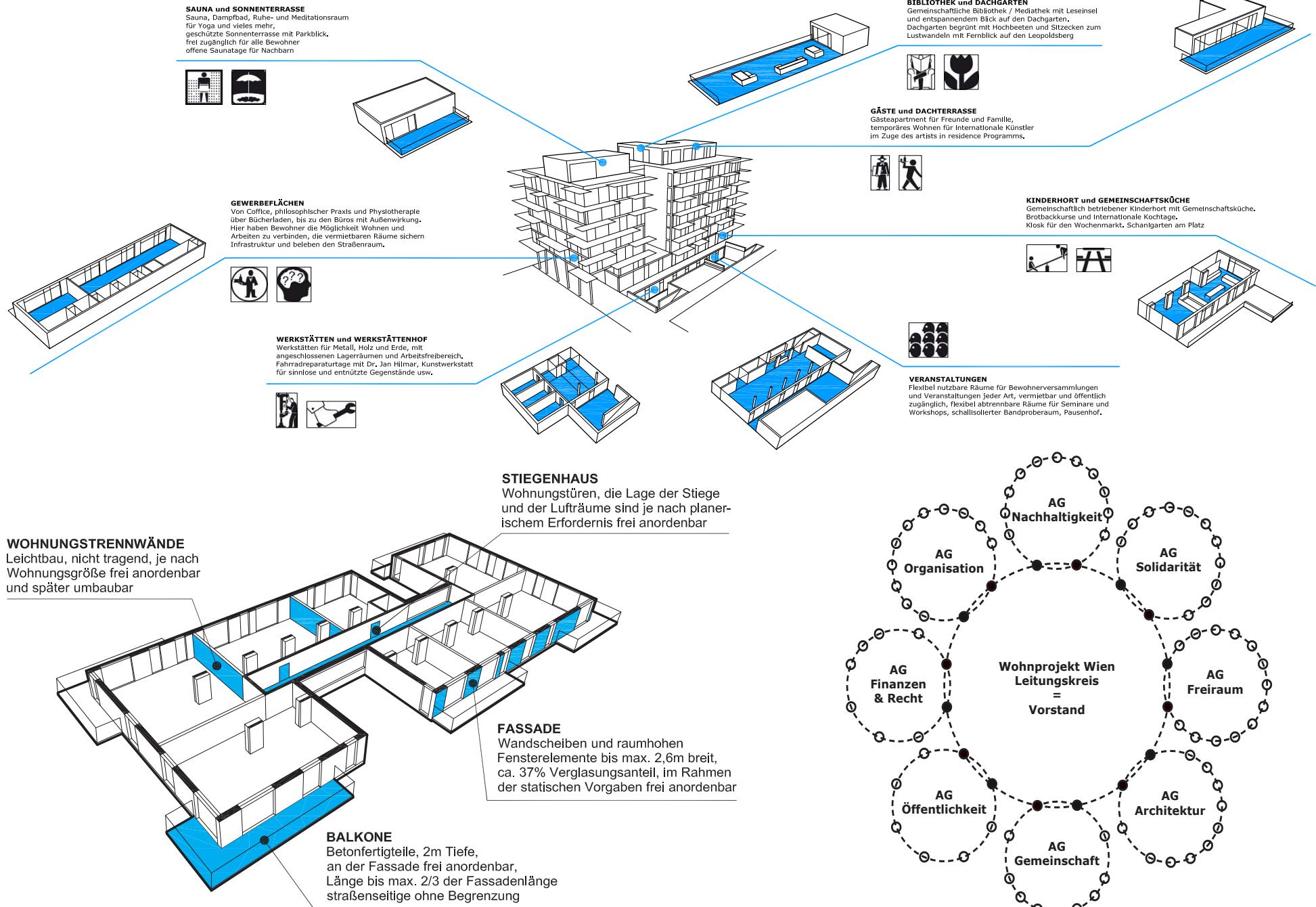
Roughly 60 per cent of the primary energy of a building is accounted for by concrete.

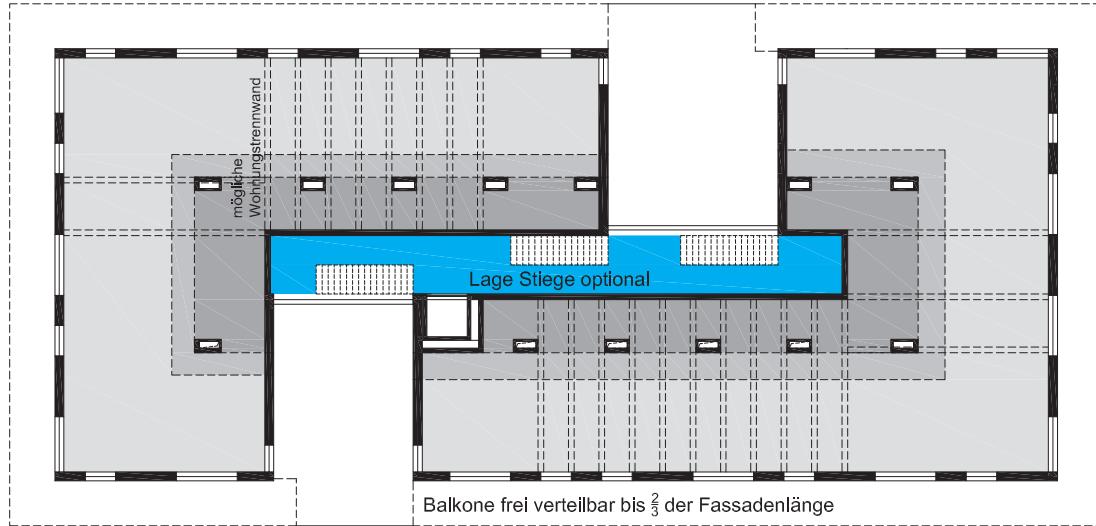






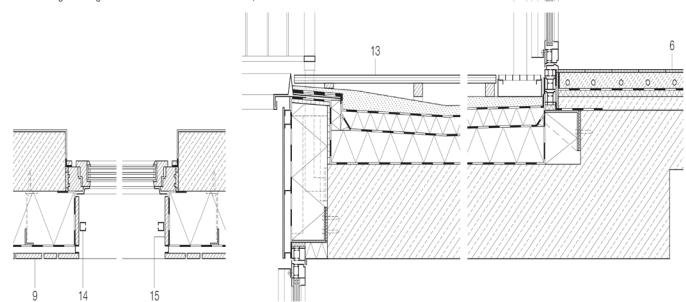
Gemeinschaftsräume Wohnen mit uns!

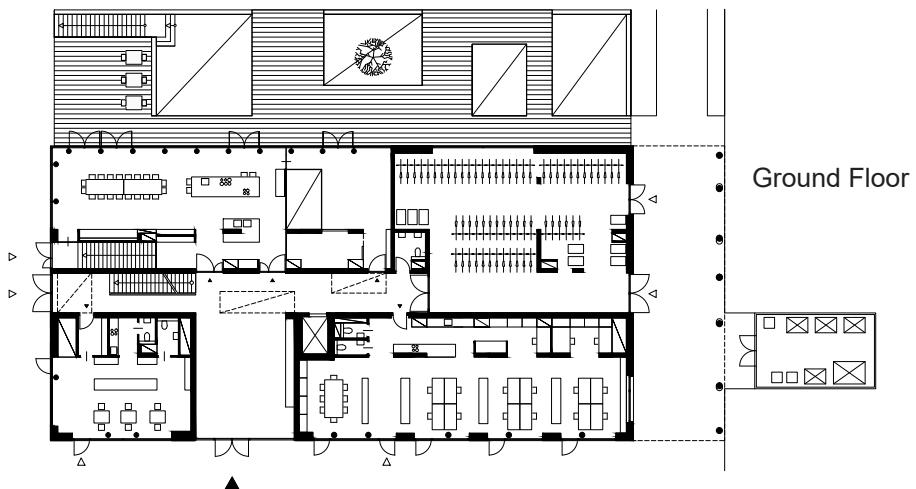
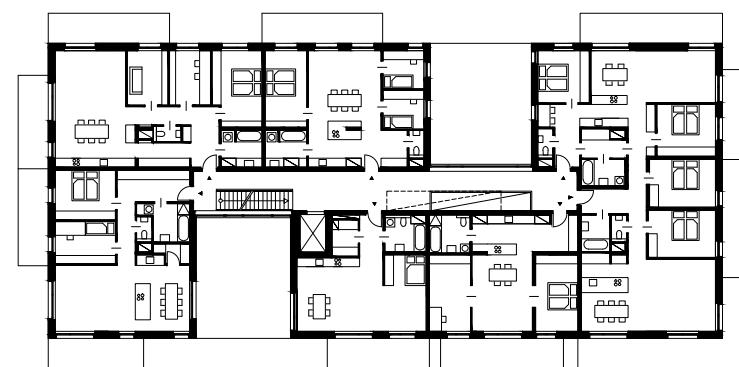
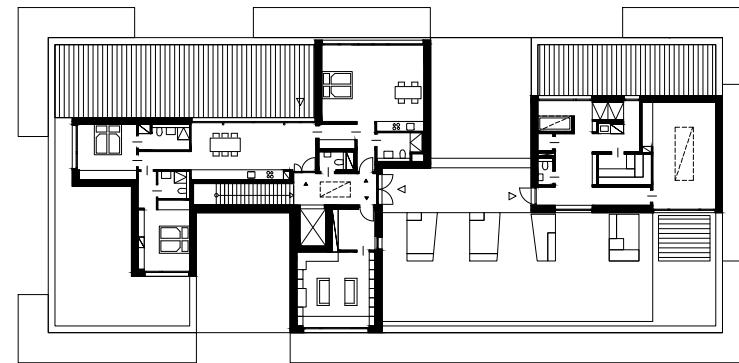
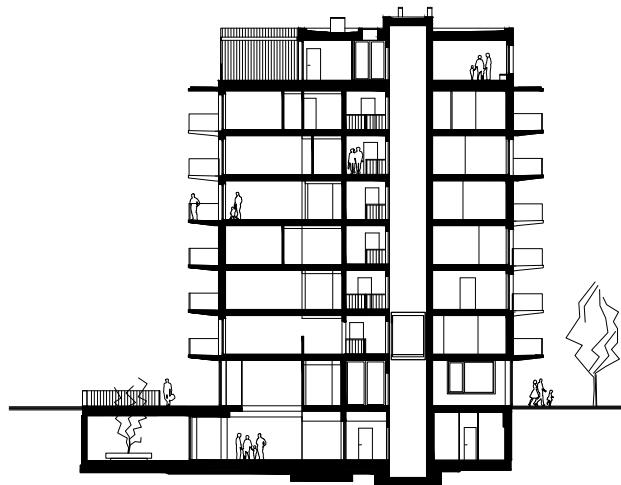
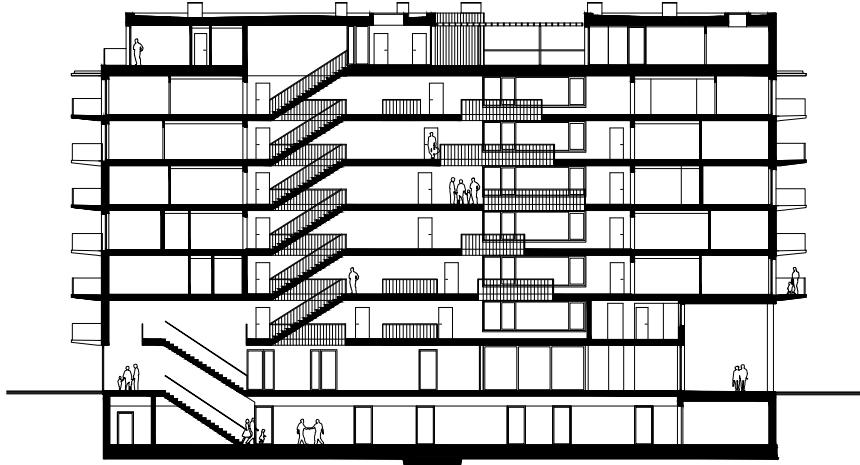




Vertikalschnitt • Horizontalschnitt
Maßstab 1:20

- 1 PU-Beschichtung, Orbeton
- 2 Betonsteine 400/400/40 mm, verlegt im Schotterbett 50 mm
Schutzhüllen
- Dämmung XPS 60 mm
- Abdichtung Bitumen dreilagig
100–260 mm
- Gefälledämmung XPS
100–260 mm
- Dampfsperre
- Stahlbetondecke 250 mm
- Spatchelung 5 mm
- 3 Fenstertür Holz mit Dreifachverglasung, $U_f = 0.71 \text{ W/m}^2\text{K}$
- 4 Brüstung VSG 2x 6 mm
- 5 Edelstahlprofil L 60/50/5 mm
- 6 Parkett 10 mm
- Heizstrahl 60 mm
- PE-Folie
- Trittschalldämmung 30 mm
- Schrüttung Leichtbeton 50 mm
- Stahlbetondecke 220 mm
- Spatchelung 5 mm
- 7 Brandabschutzung
- Edelstahlblech 1,5 mm
- 8 Faserzementplatte 8 mm
- 9 Schalung Lärche gehobelt 20 mm mit unregelmäßigen Fugenbild
- Unterkonstruktion Z-Profil 25 mm auf Abspannhalter Kunststoff
5 mm / Hinterlüftung 30 mm
- Windsperre diffusionsoffen
- Dämmung Steinwolle 200 mm
- Stahlbetonwand 220 mm
- Spatchelung 5 mm
- 10 Handlauf Stahlrohr verzinkt
 $\varnothing 60/20/3 \text{ mm}$
- 11 Füllstahl Flachstahl verzinkt
 $\varnothing 30/8 \text{ mm}$, versetzt angeordnet
- 12 Fenster Aluminium mit Dreifachverglasung, $U_f = 0.71 \text{ W/m}^2\text{K}$
- 13 Bohlen Lärche 125/30 mm
- 14 Jalousie Führungsschiene Alu-minium 30/30 mm
- 15 Laibung Lärche gehobelt

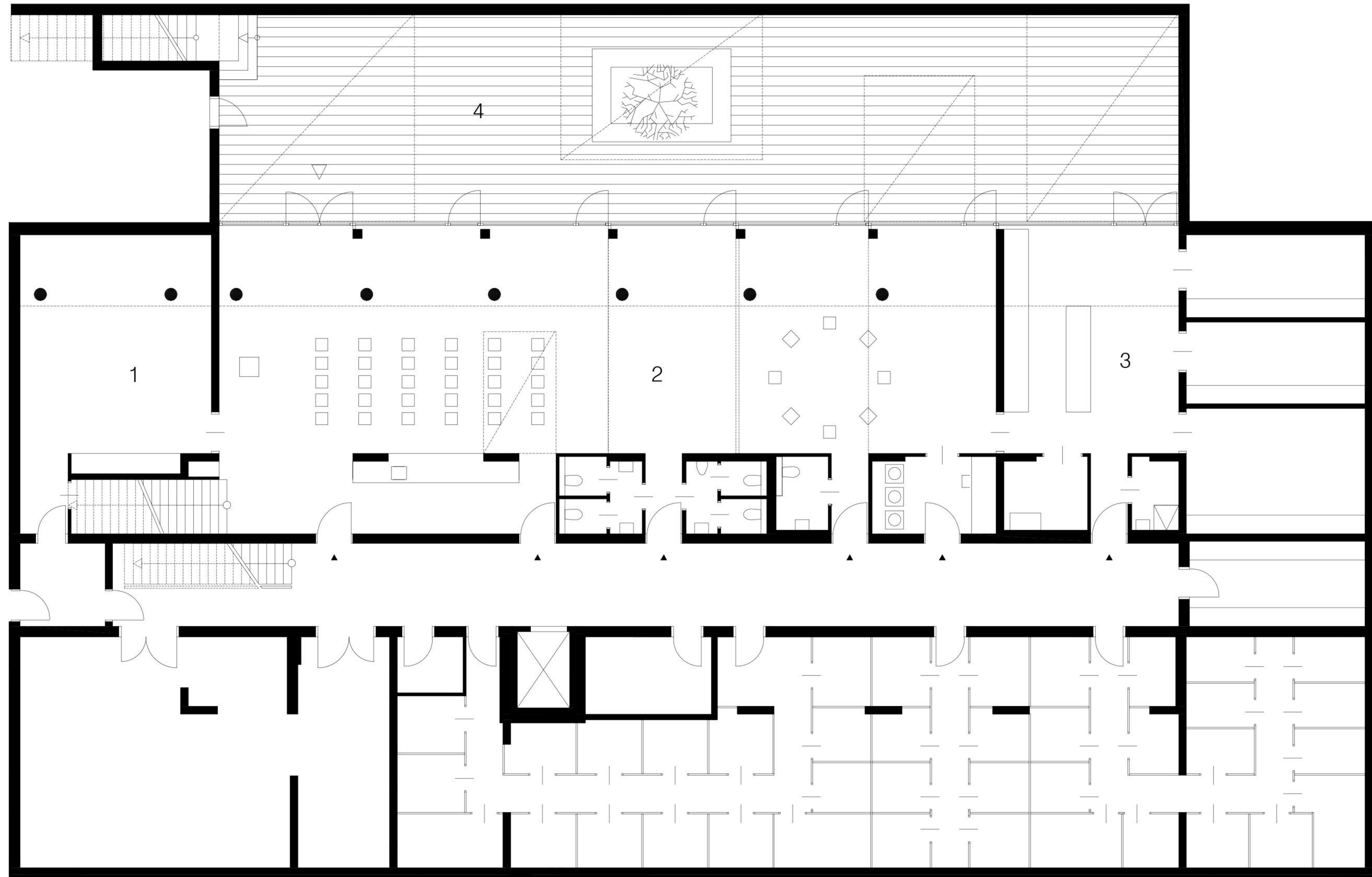




7th Floor

4th Floor

Ground Floor



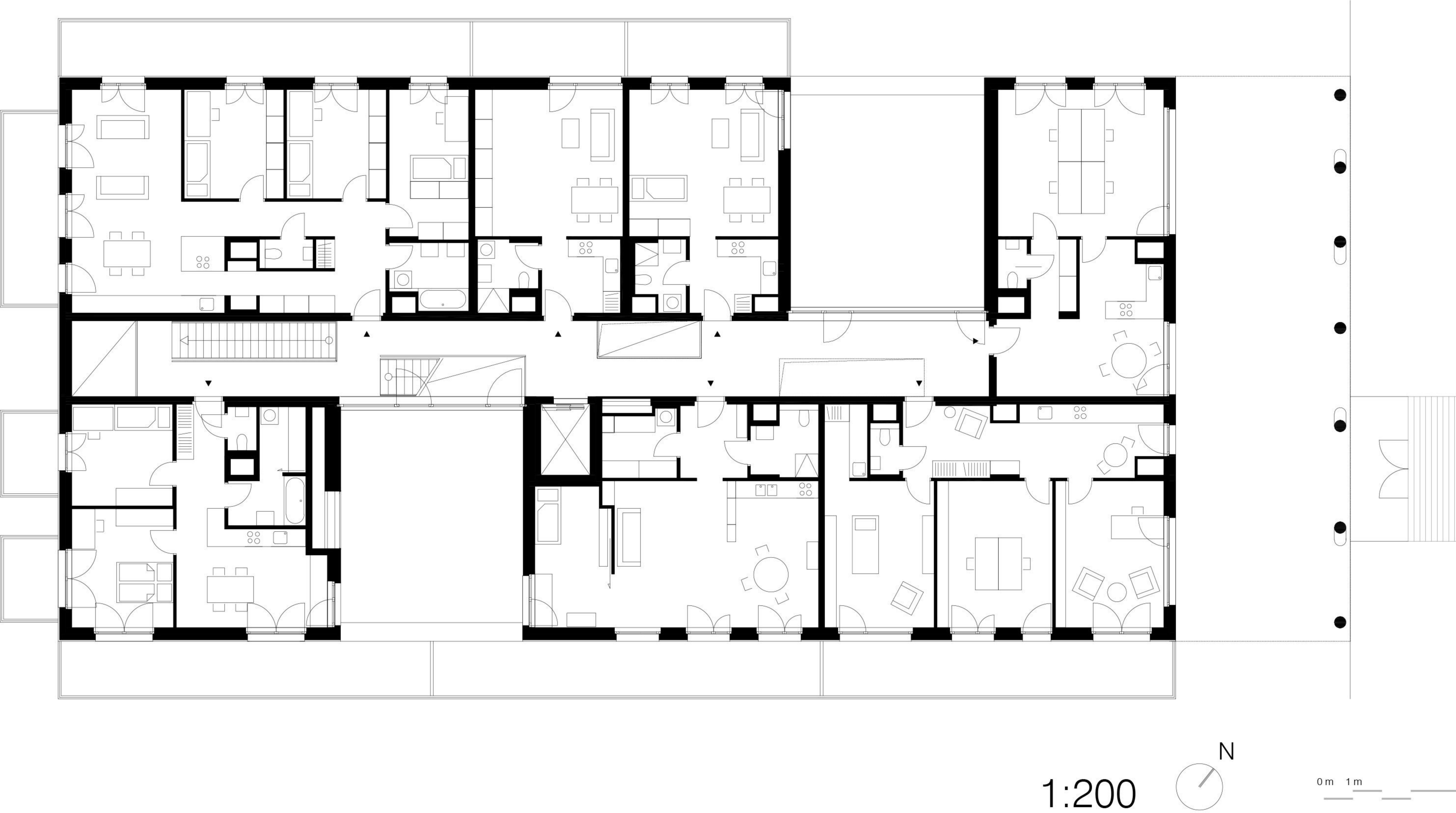
UG

- 1_Proberaum
- 2_Veranstaltungsraum
- 3_Werkstatt
- 4_Hof

1:200



0 m 1 m 5 m 10 m

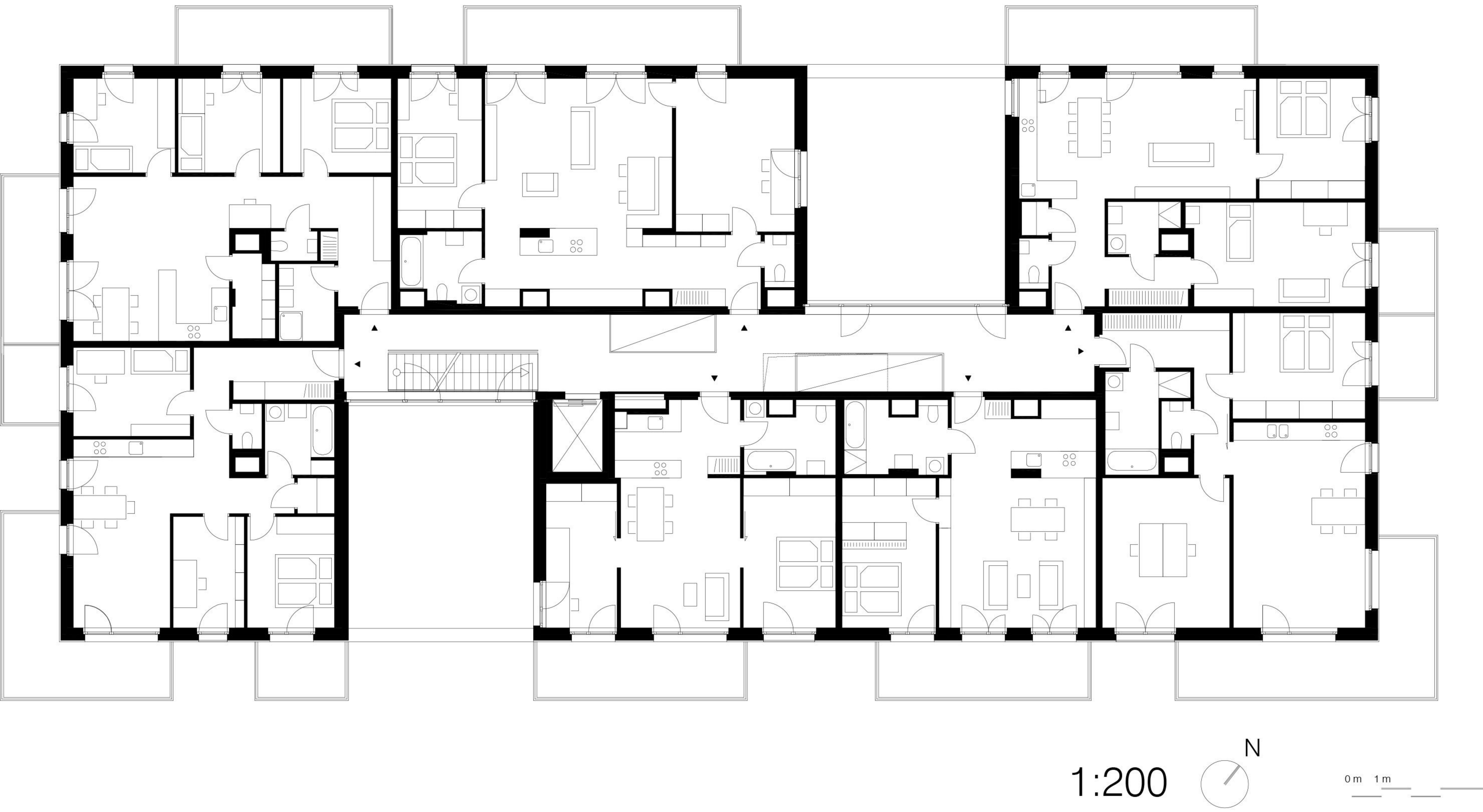


OG 1

1:200

N

0 m 1 m 5 m 10 m



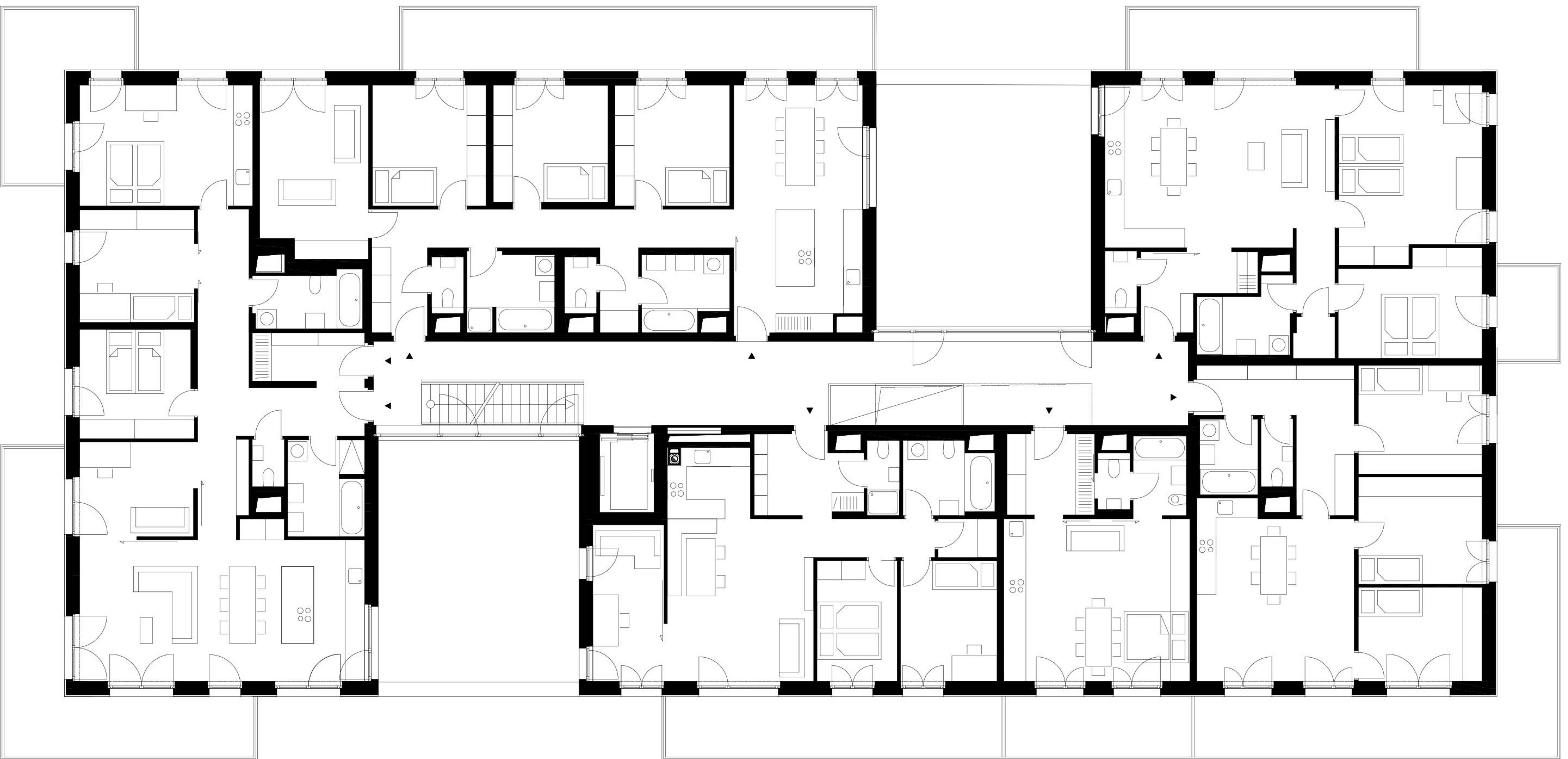
OG 2

1:200

N

0 m 1 m 5 m 10 m

OG 3

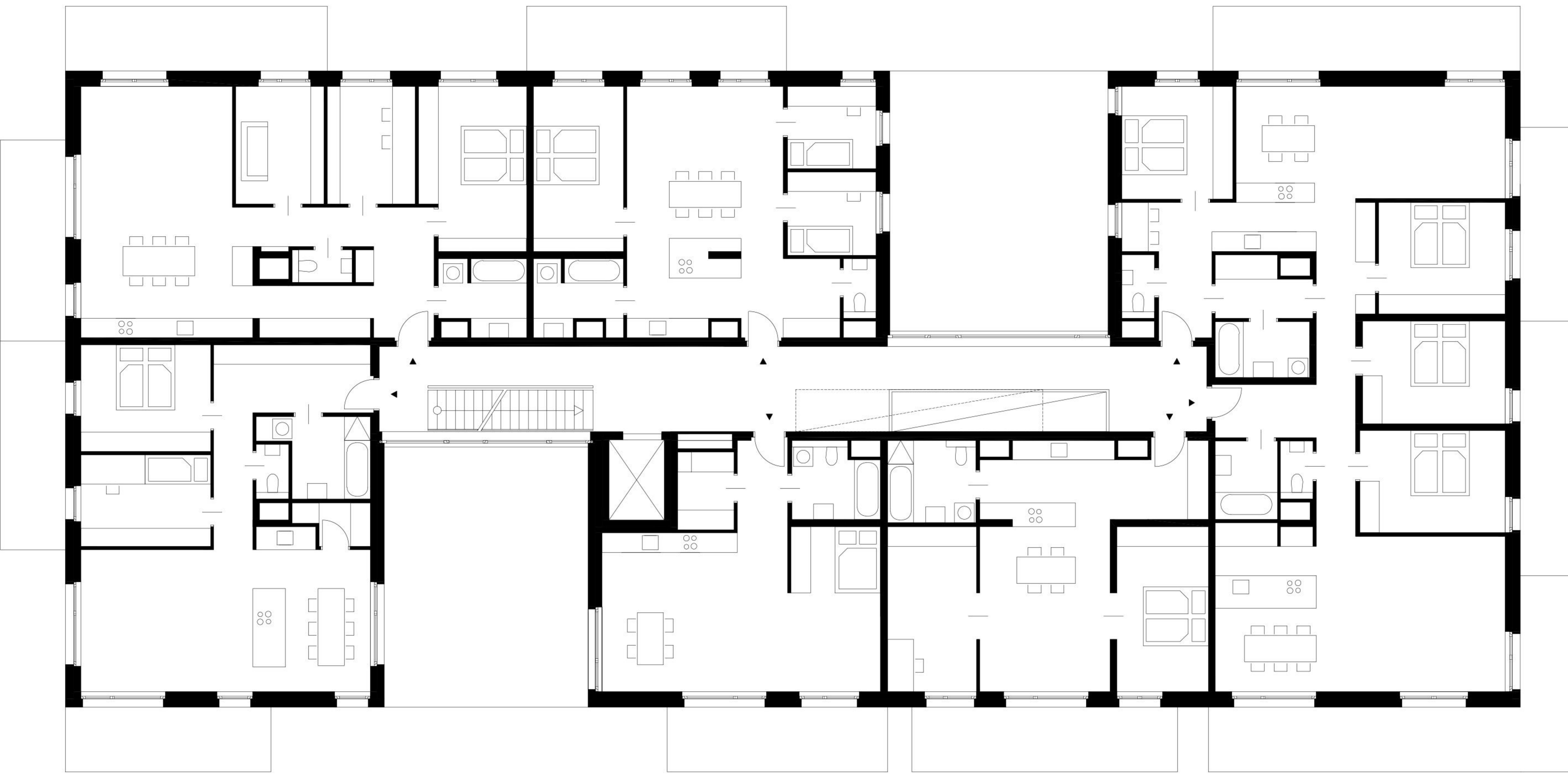


1:200



0 m 1 m 5 m 10 m

OG 4

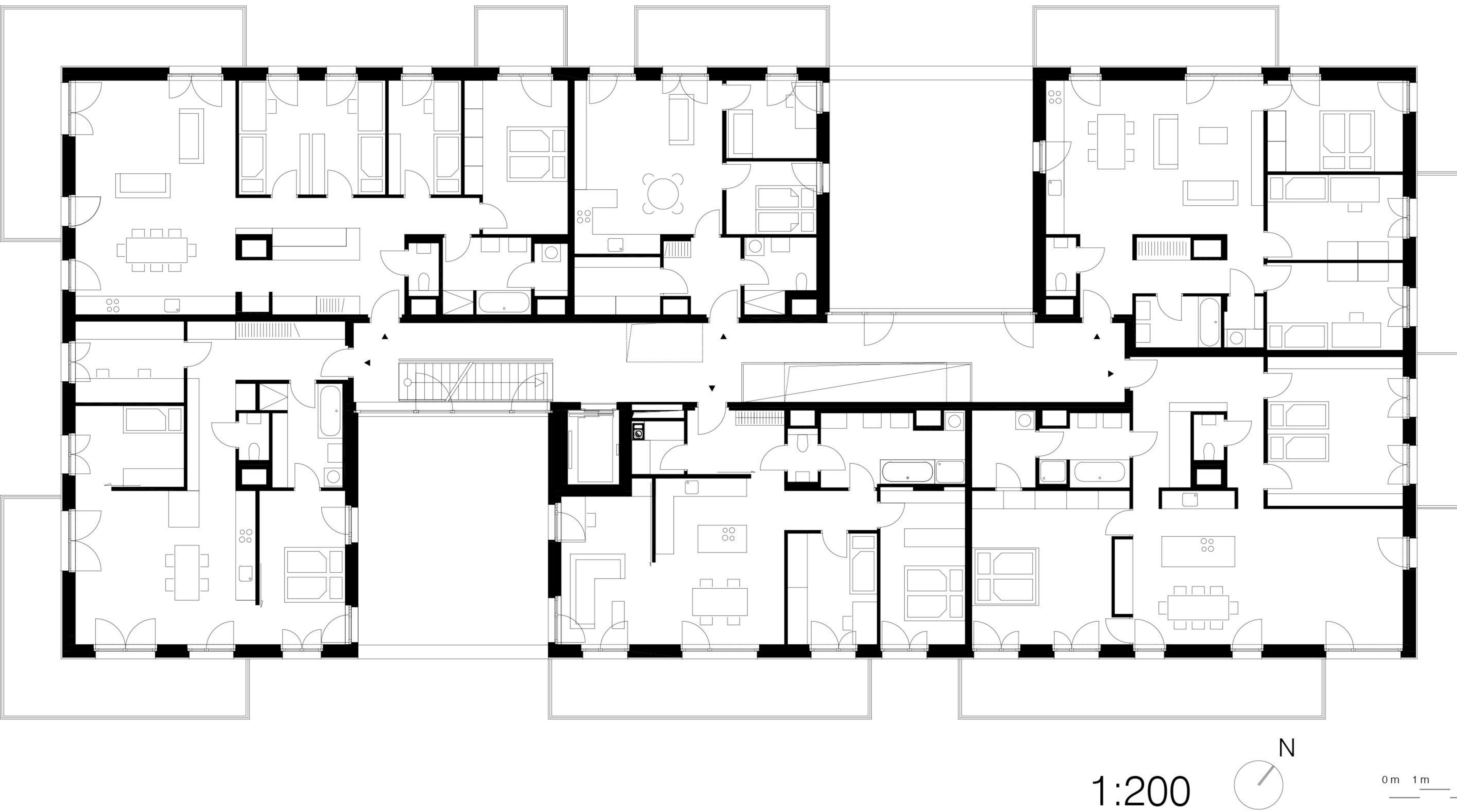


1:200

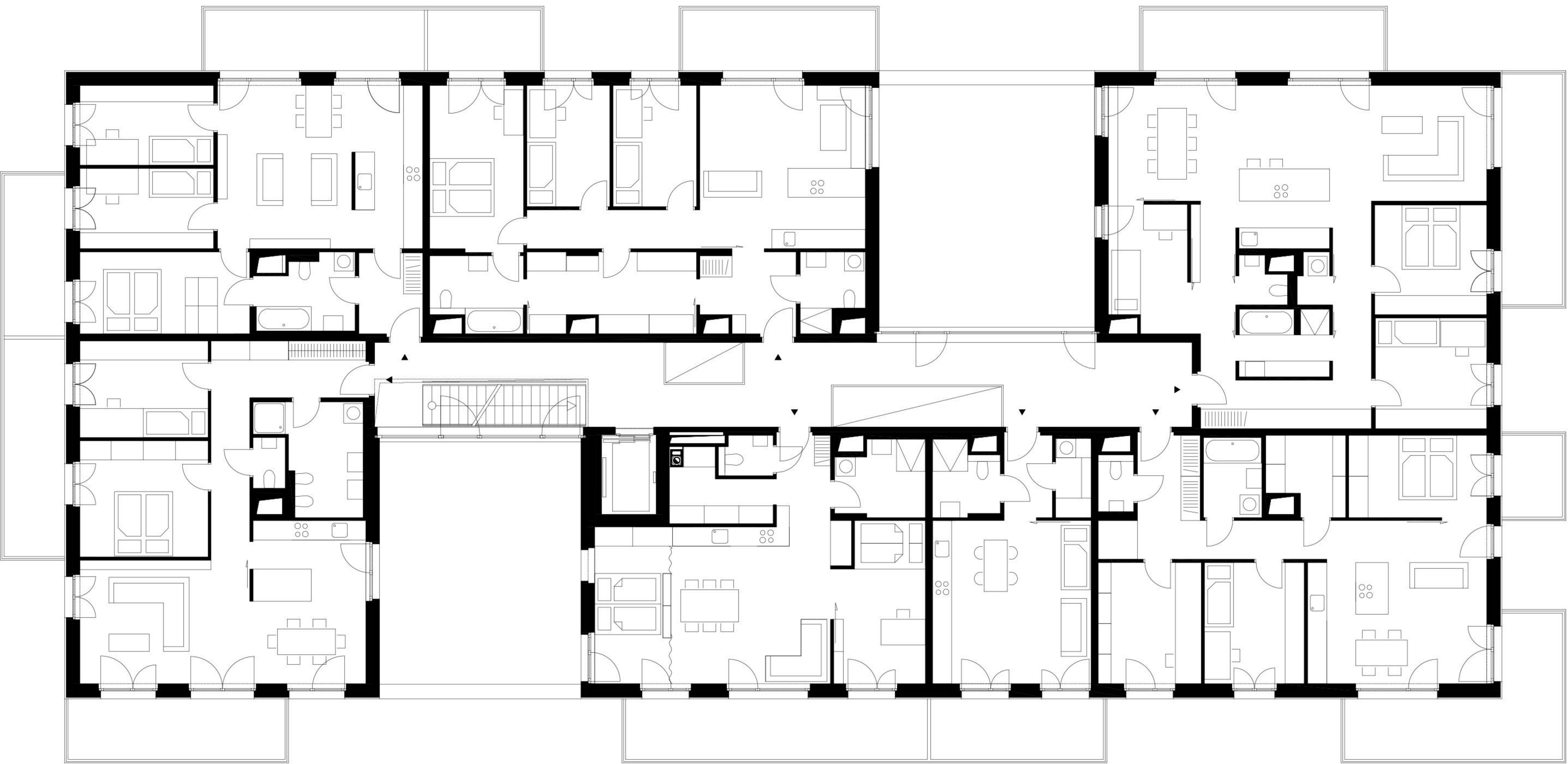


0 m 1 m 5 m

10 m



OG 5



OG 6

1:200

N

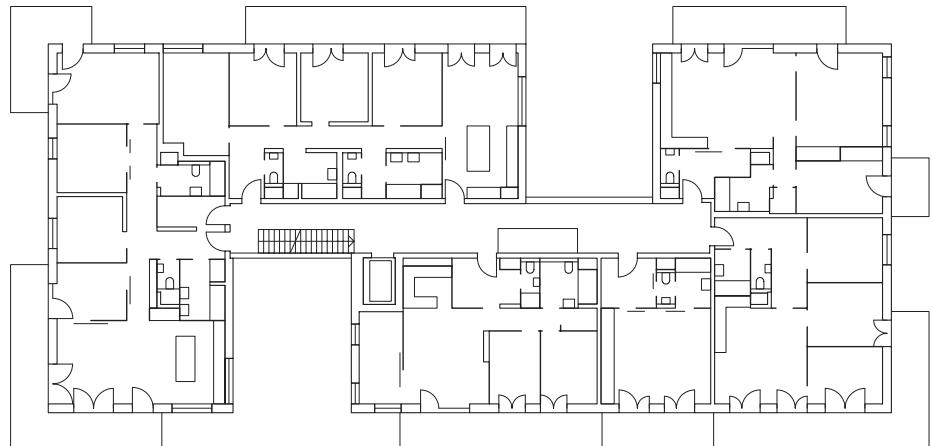
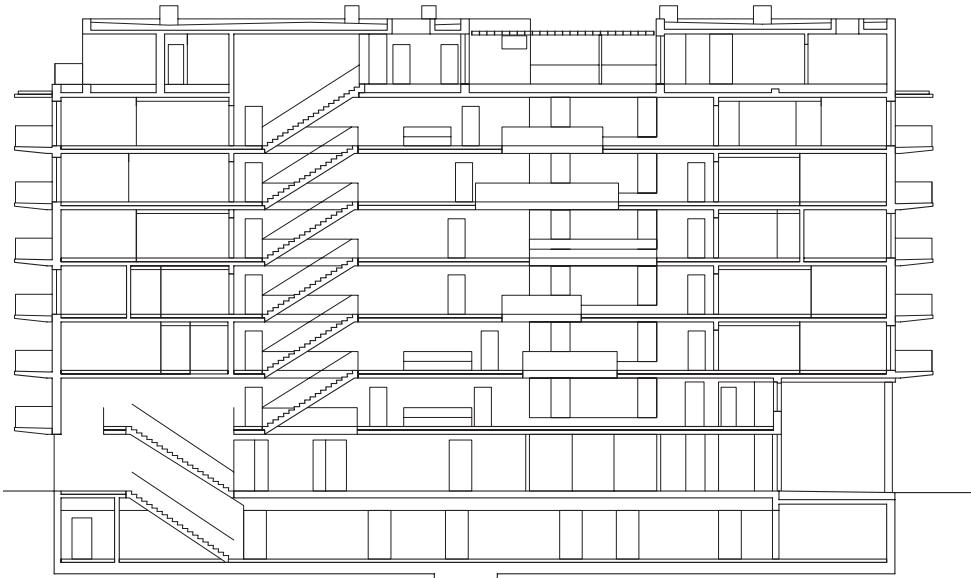
0 m 1 m 5 m 10 m

Housing Project Vienna

Architects: einszueins architektur

Address: Otto-Herschmannngasse 4, A-1110 Vienna

Year: 2009



plan scale 1:500

1 Housing Project Vienna - 3. level floor and section

2 "Wohnen mit Scharf" - regular floor

"Wohnen mit Scharf" Vienna

gefördertes Wohnhaus in Wien / AT

Architects: SUPERBLOCK Ziviltechniker GmbH

Address: Ernst-Melchior-Gasse 3, Wien / AT

Year: 2010-2014

