



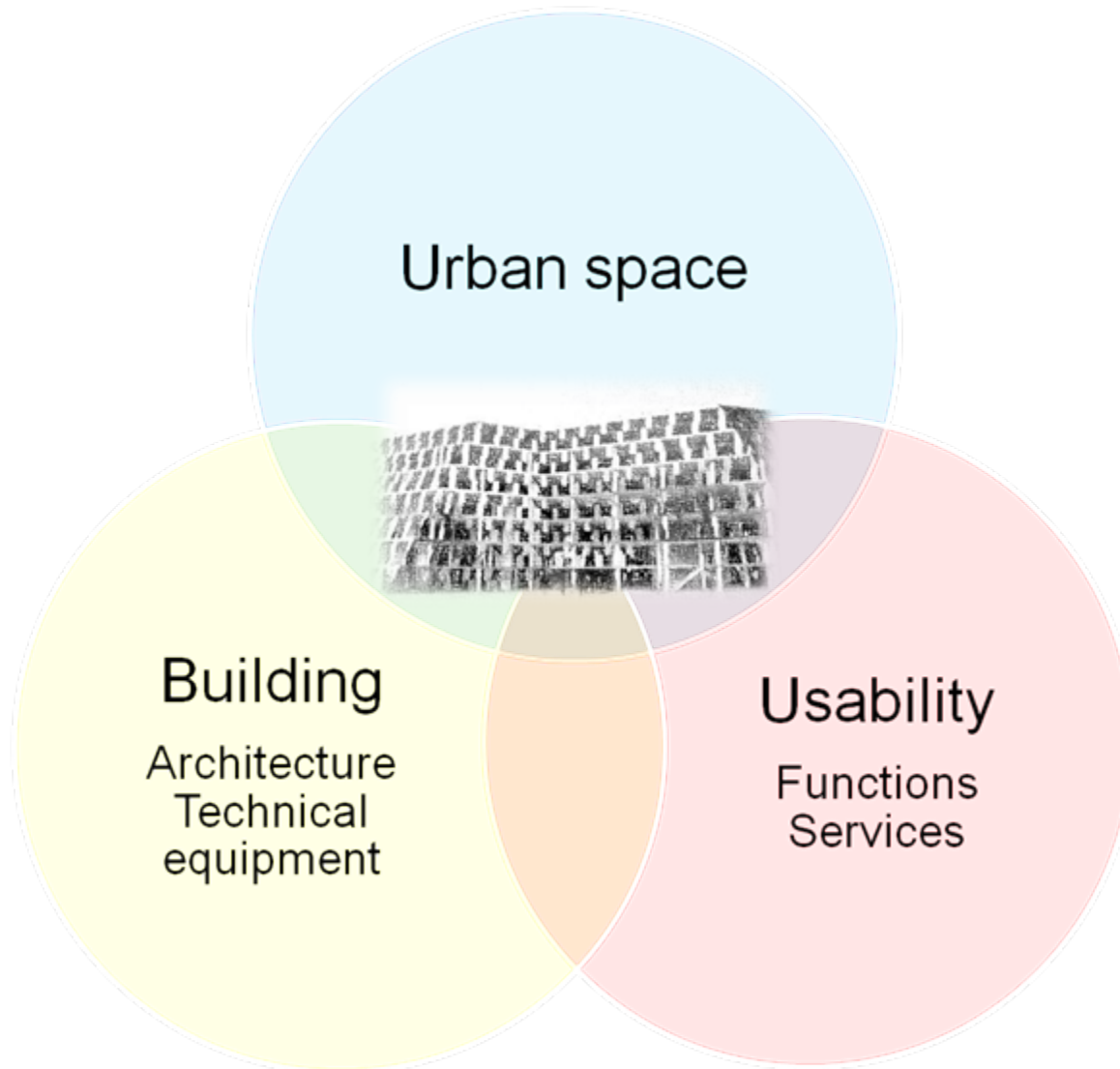
Albert-Ludwigs-Universität Freiburg

Reshaping Freiburg University Library

Learning and Research in the Heart of the City

Dr. Antje Kellersohn

Re-organising and re-purposing space



Freiburg im Breisgau



© FHTM Freiburg

University of Freiburg



© Universität Freiburg

- founded in 1457
- comprehensive university with in 11 faculties
- 160 degree programs
- 23.000 students
- 6.500 employees
- 10 Nobel Prize Laureates

EXZELLENZINITIATIVE
UNIVERSITÄT FREIBURG

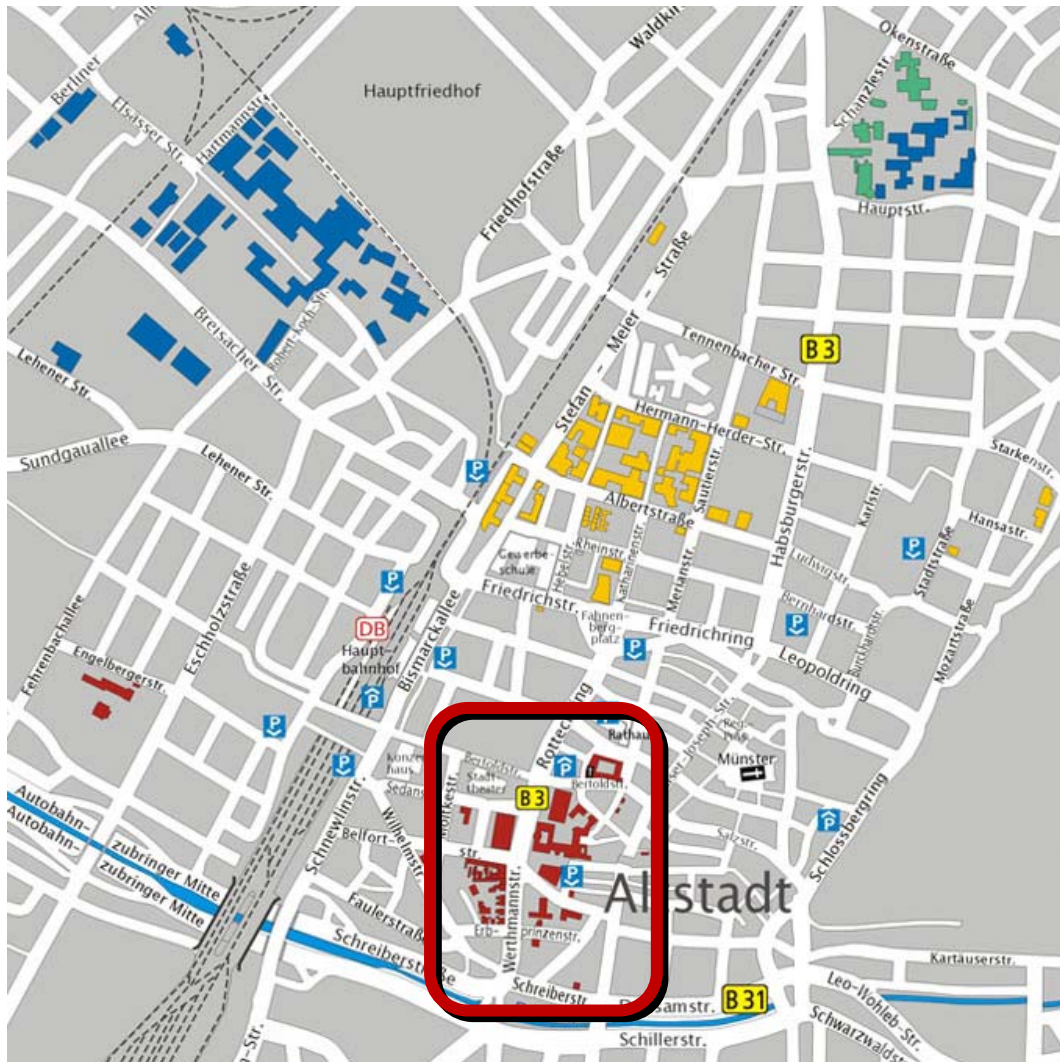
Ausgezeichnet!
Wettbewerb exzellente Lehre

TOTAL
E-QUALITY

10 LE
RU
PUSHING THE FRONTIERS OF INNOVATIVE RESEARCH

UNI
FREIBURG

University of Freiburg



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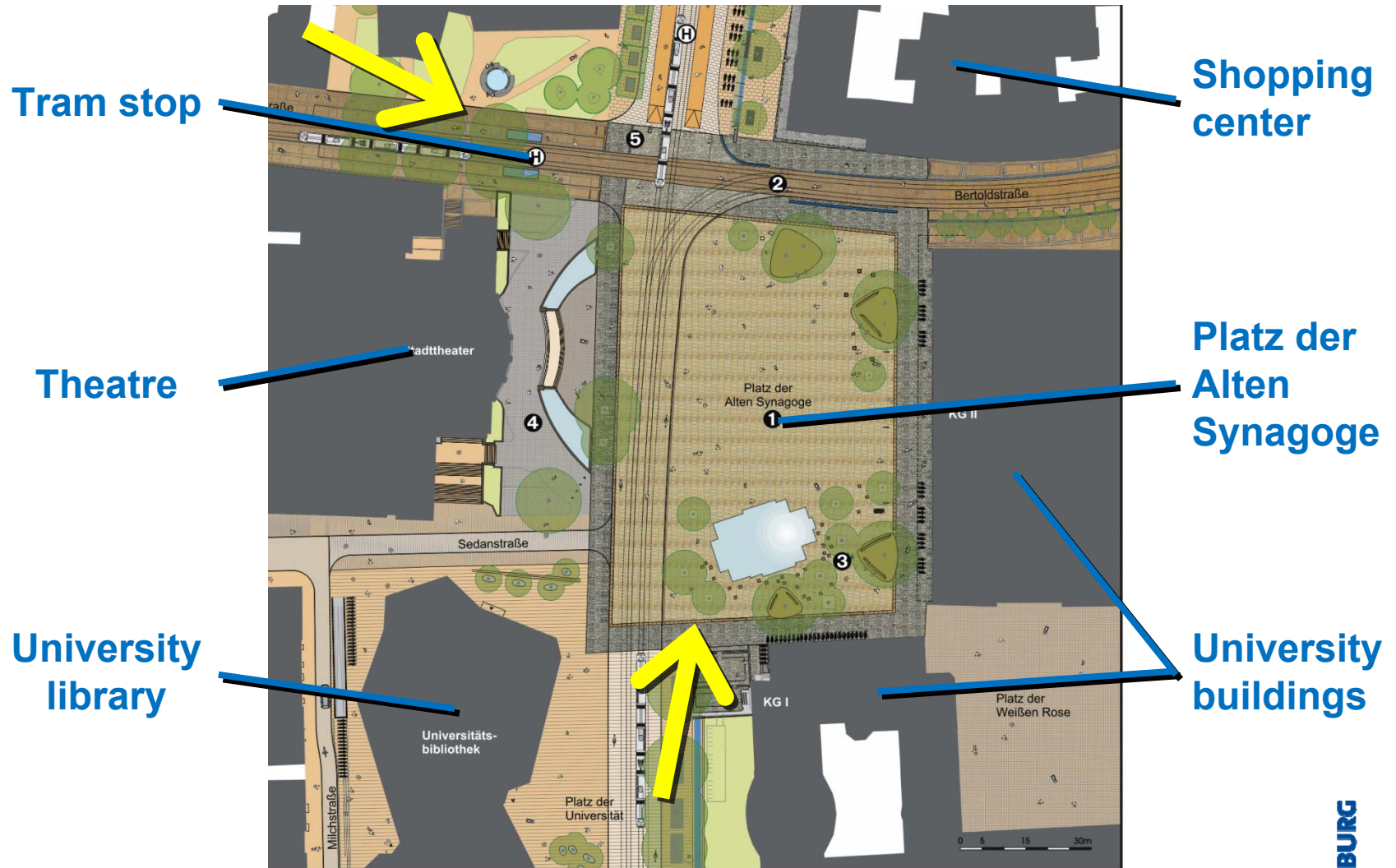
- Humanities (Main Campus)
- Natural Sciences
- University Medical Center
- Biology
- Engineering (outside map)
- Psychology

Main Campus (Humanities)



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A new space for urban life



http://www.freiburg.de/servlet/PB/show/1226729_I1/Tafeln_Rotteckring_AlteSynagoge.pdf

A new space for urban life



http://www.freiburg.de/servlet/PB/show/1254143_I1/Broschuere_Rotteckring_Stand_Jan2012.pdf

A new space for urban life



http://www.freiburg.de/servlet/PB/show/1254143_I1/Broschuere_Rotteckring_Stand_Jan2012.pdf

Freiburg university library



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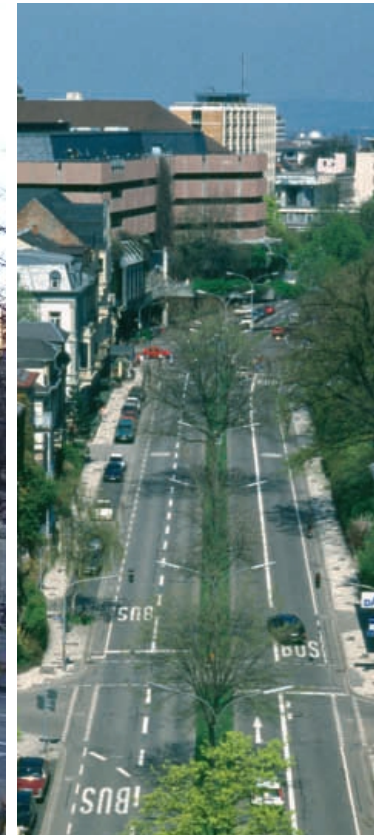
- **Collections**
3,5 million printed volumes
44.000 journals (p+e, running)
1 million e-books
- **Services**
37.000 registered clients
24/7 services (since 2008)
1.000 reader seats
1,7 million items loaned p.a.
- **Library Staff**
175 fte's

The „old“ library building



© UB Freiburg

Quelle: http://www.freiburg.de/servlet/PB/show/1231286_I1/SS_Rotteckring.pdf



The „old“ library building



© UB Freiburg

Opened in 1978

Fully air conditioned

High energy costs (> 1 M€ p.a.)

Concrete facade already damaged

Harmful building materials

synthetic mineral fibres, asbestos

Insufficient work places for users

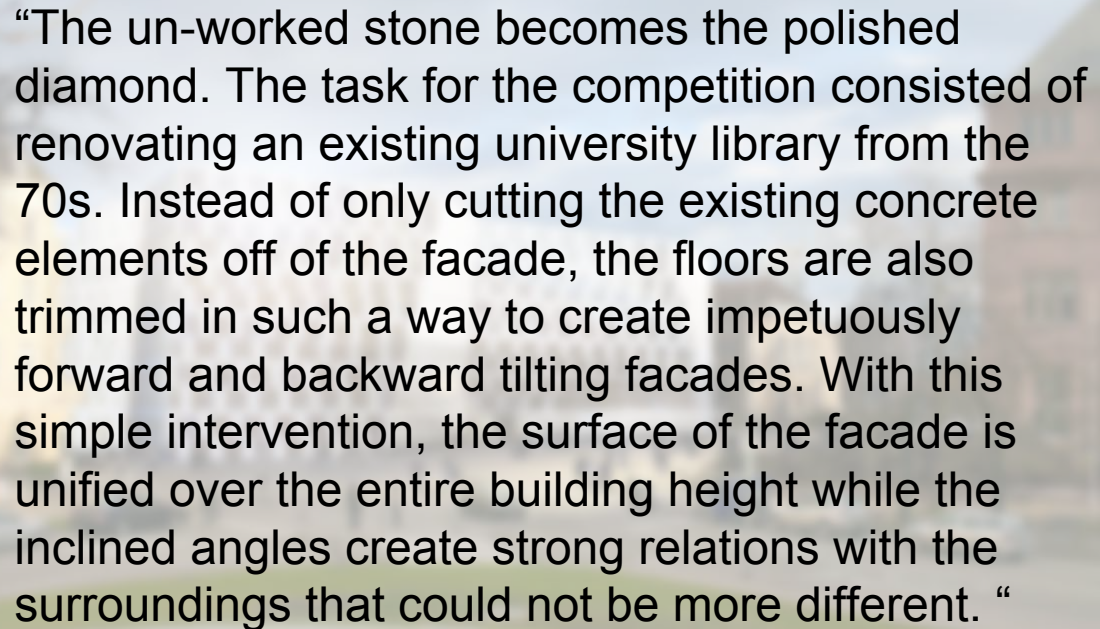
Insufficient open stack space

The new library building



© Degelo Architekten, Basel

The new library building



“The un-worked stone becomes the polished diamond. The task for the competition consisted of renovating an existing university library from the 70s. Instead of only cutting the existing concrete elements off of the facade, the floors are also trimmed in such a way to create impetuously forward and backward tilting facades. With this simple intervention, the surface of the facade is unified over the entire building height while the inclined angles create strong relations with the surroundings that could not be more different. “

Heinrich Degelo

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Goals for the new library building



© Degelo Architekten, Basel

Reduction of energy costs by 65 %

Energy efficient facade (glass/stainless steel),
cooling/heating with well water, solar collectors (2,000 m²)

24/7 opening and self services

Open stacks (formerly parking deck), self check-out (RFID)

Differentiated work spaces

Traditional reading room and modern learning center,

Modern ICT infrastructure

Capacity



© Degelo Architekten, Basel

	Old building	New building	Δ
Gross volume (BRI)	164,900 m ³	158,900 m ³	- 3,6 %
Gross floor space (BGF)	41,400 m ²	41,700 m ²	+0,7 %
Usable floor space (HNF, library)	26,500 m ²	30,600 m ²	+ 15 %
Open stack area	2,200 m ²	3,800 m ²	+ 73 %
User workplaces	1,200	1,700	+ 42 %

Capacity



© Bene, Stuttgart

Work spaces

1,200 reader seats in the reading room

500 places for group working („Parlatorium“)

New media centre, conference rooms, cafeteria, lecture halls

Collections

230,000 volumes in the reading room

700,000 volumes in the open stack

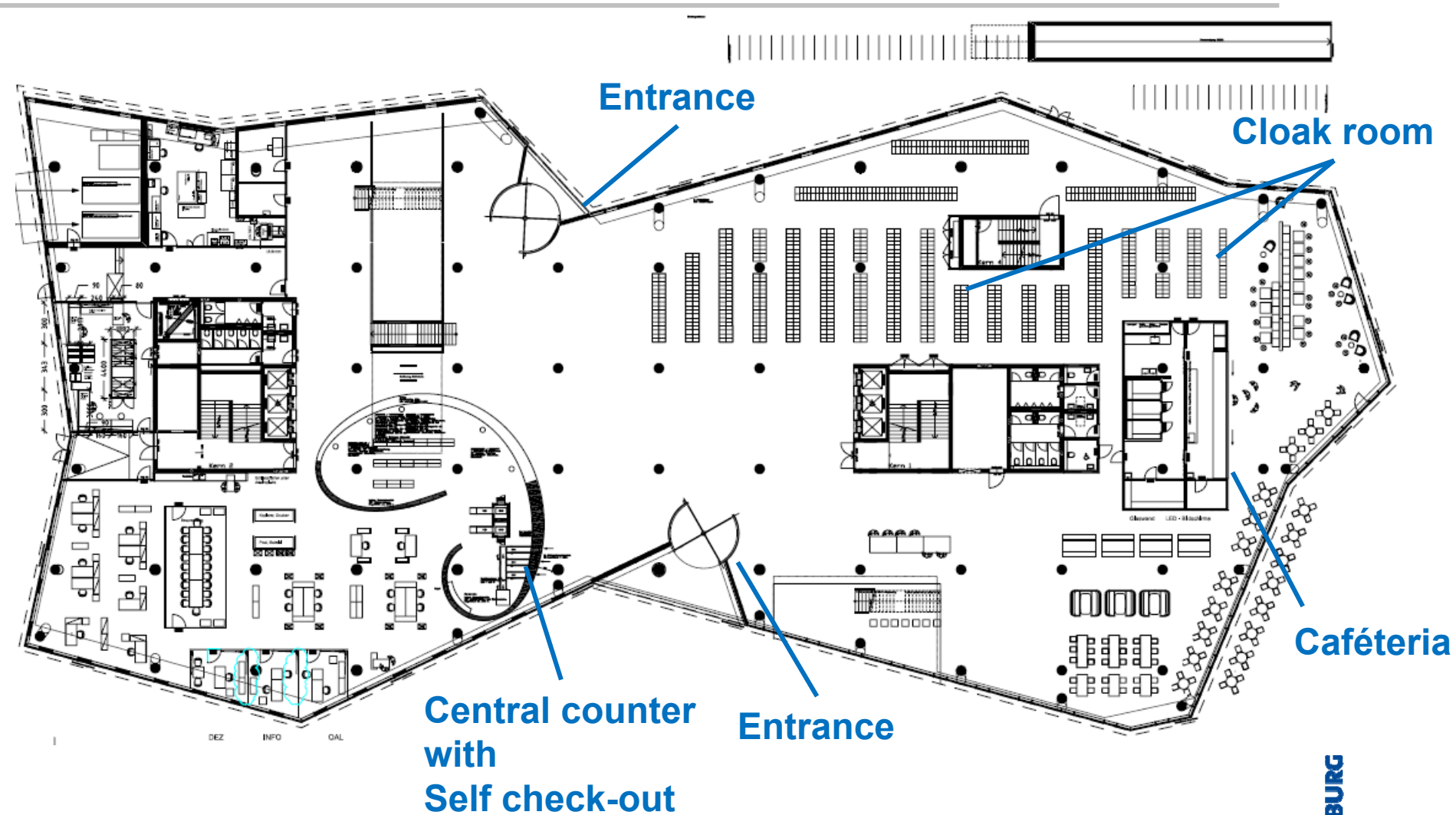
3.5 million volumes in the closed stacks

Our concept

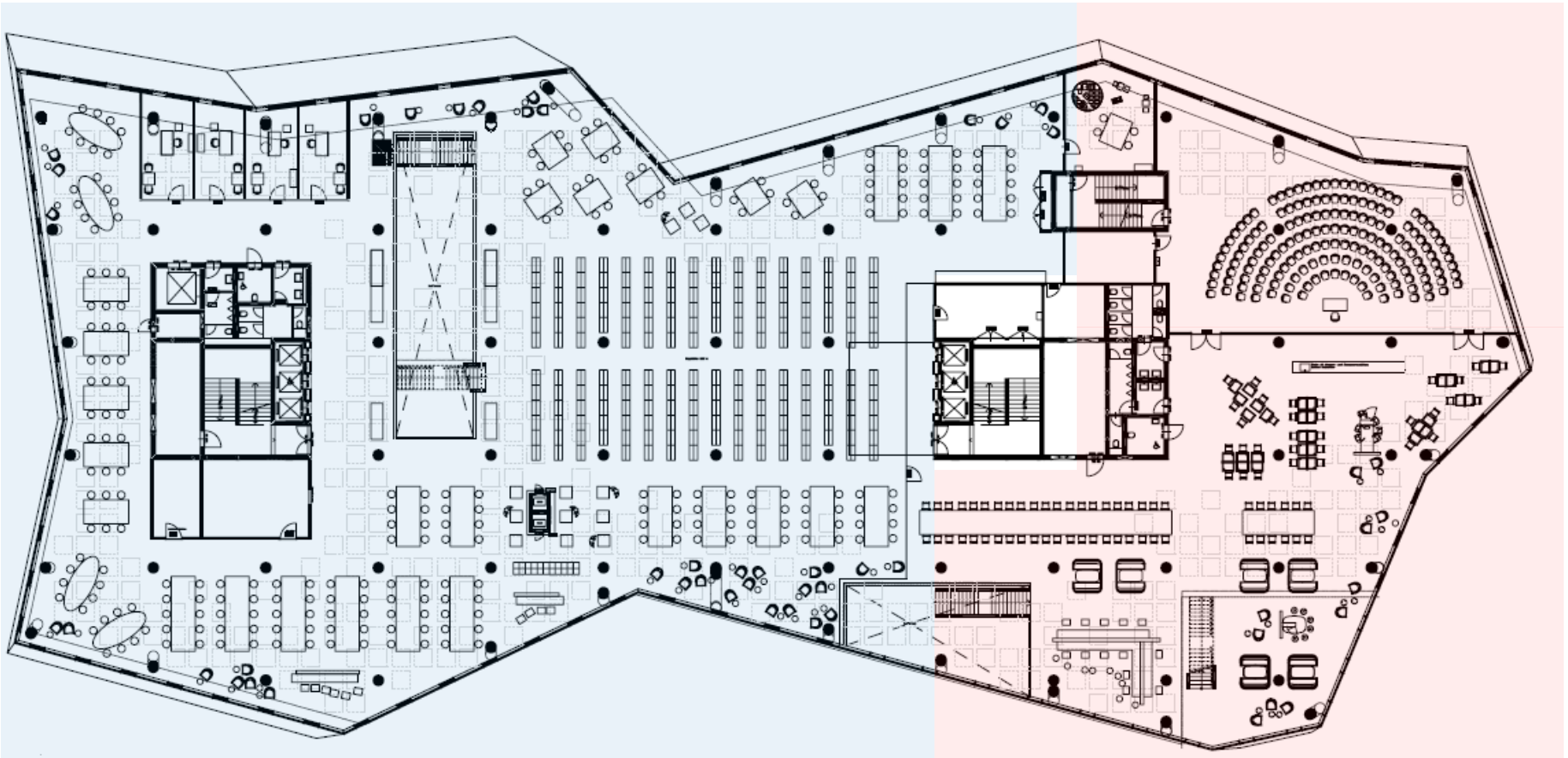


© Bene, Stuttgart

Ground floor



First floor

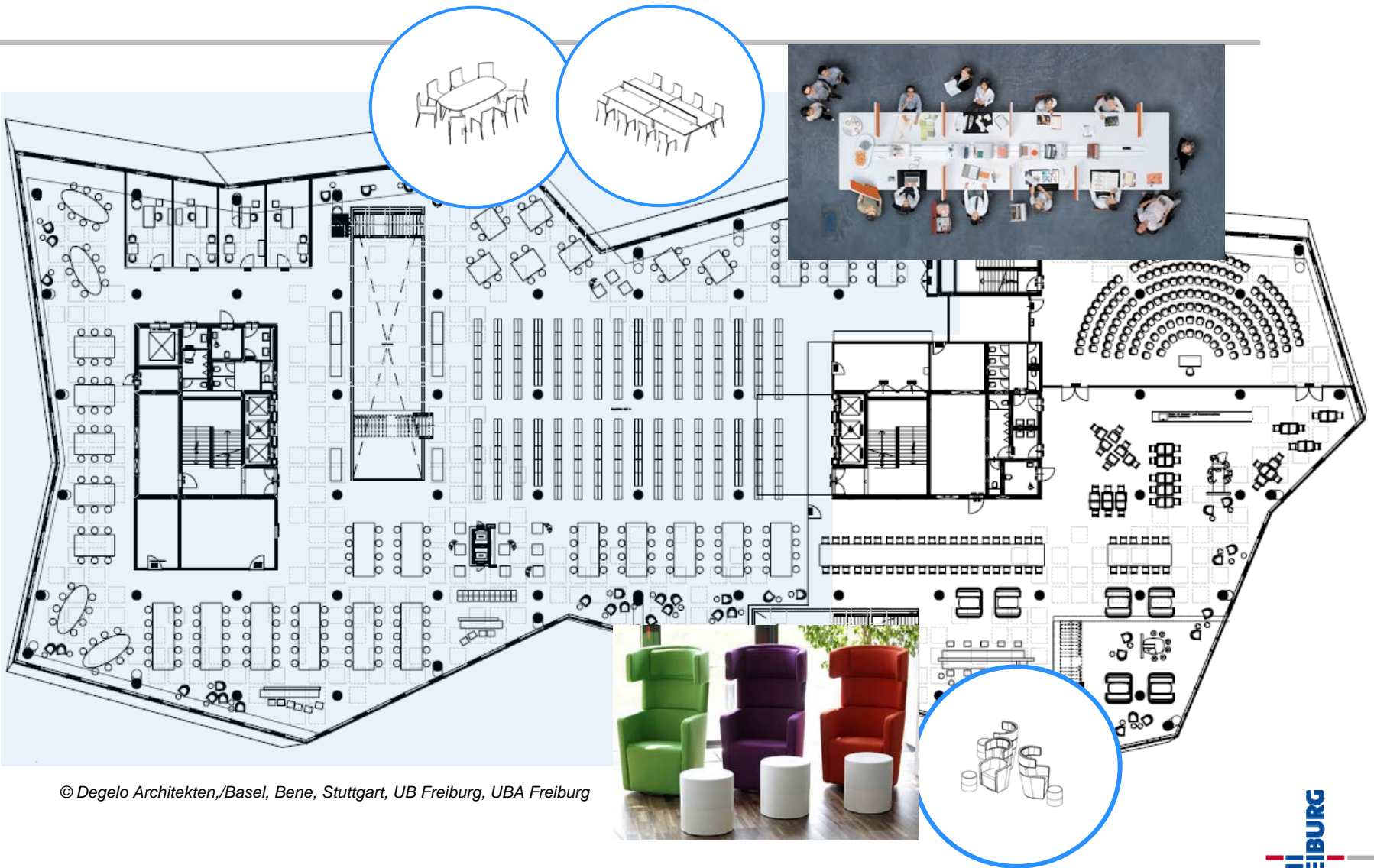


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Reading room
Area for concentration

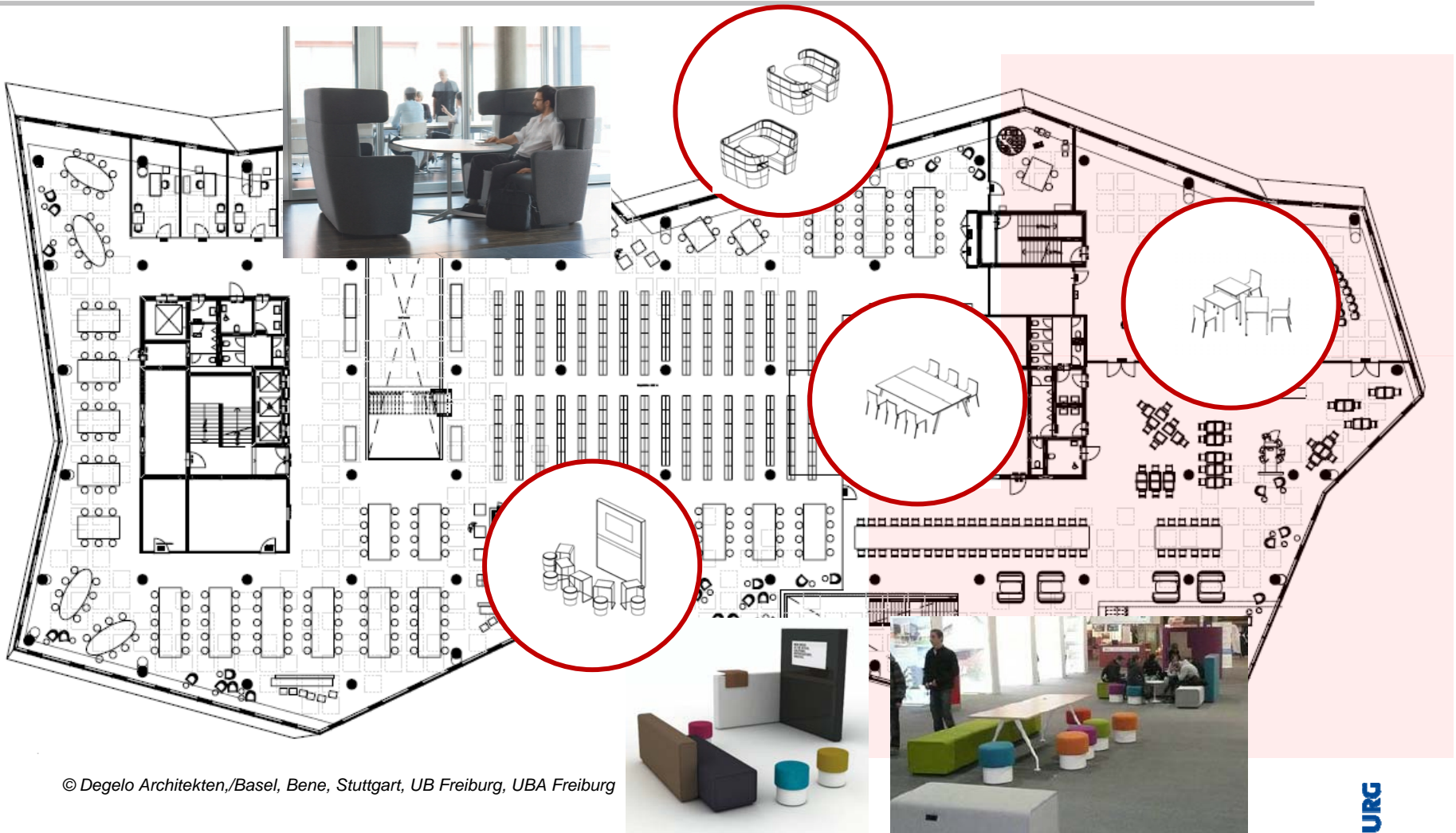
Parlatorium
Area for communication

First floor

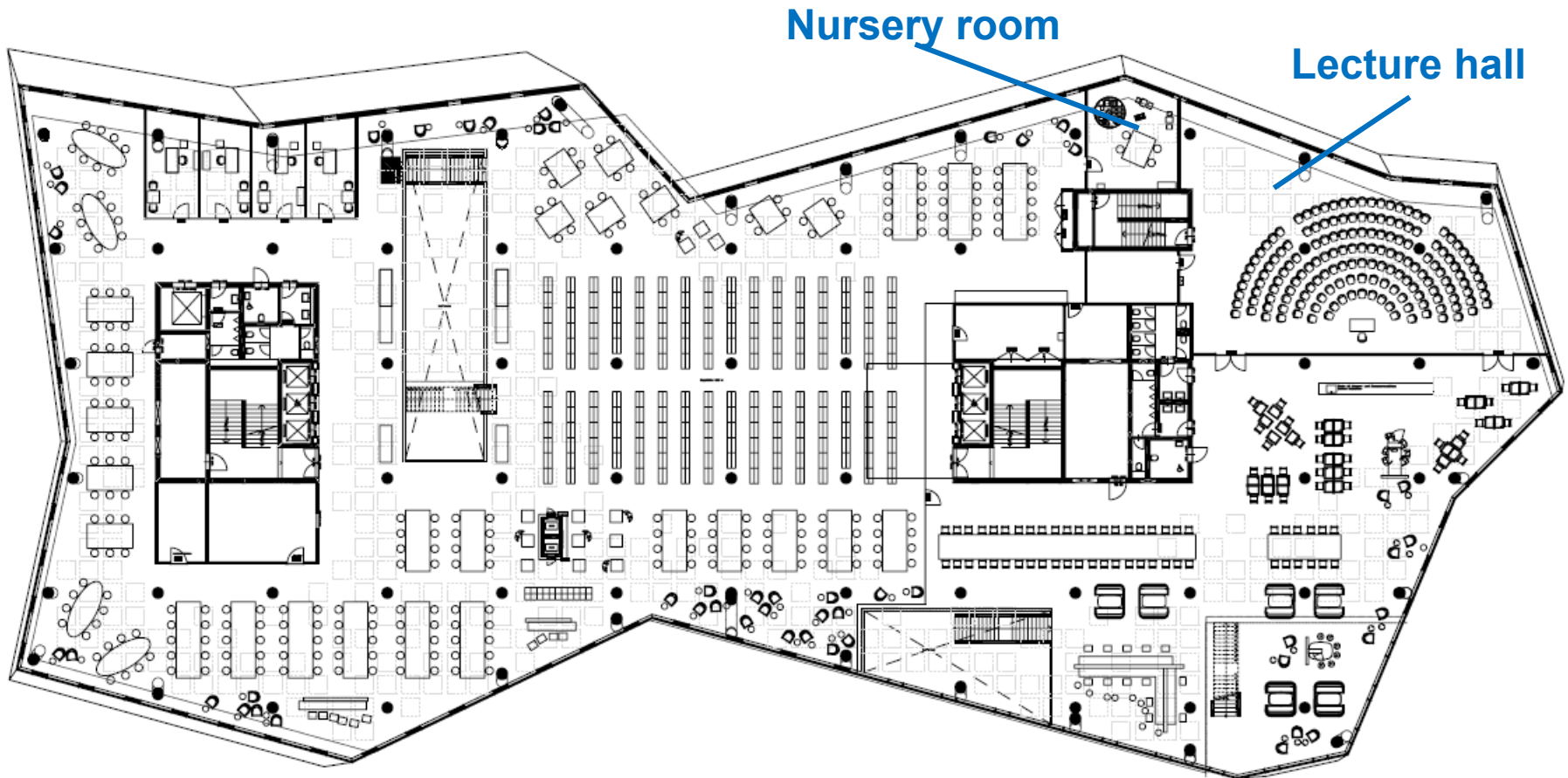


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First floor

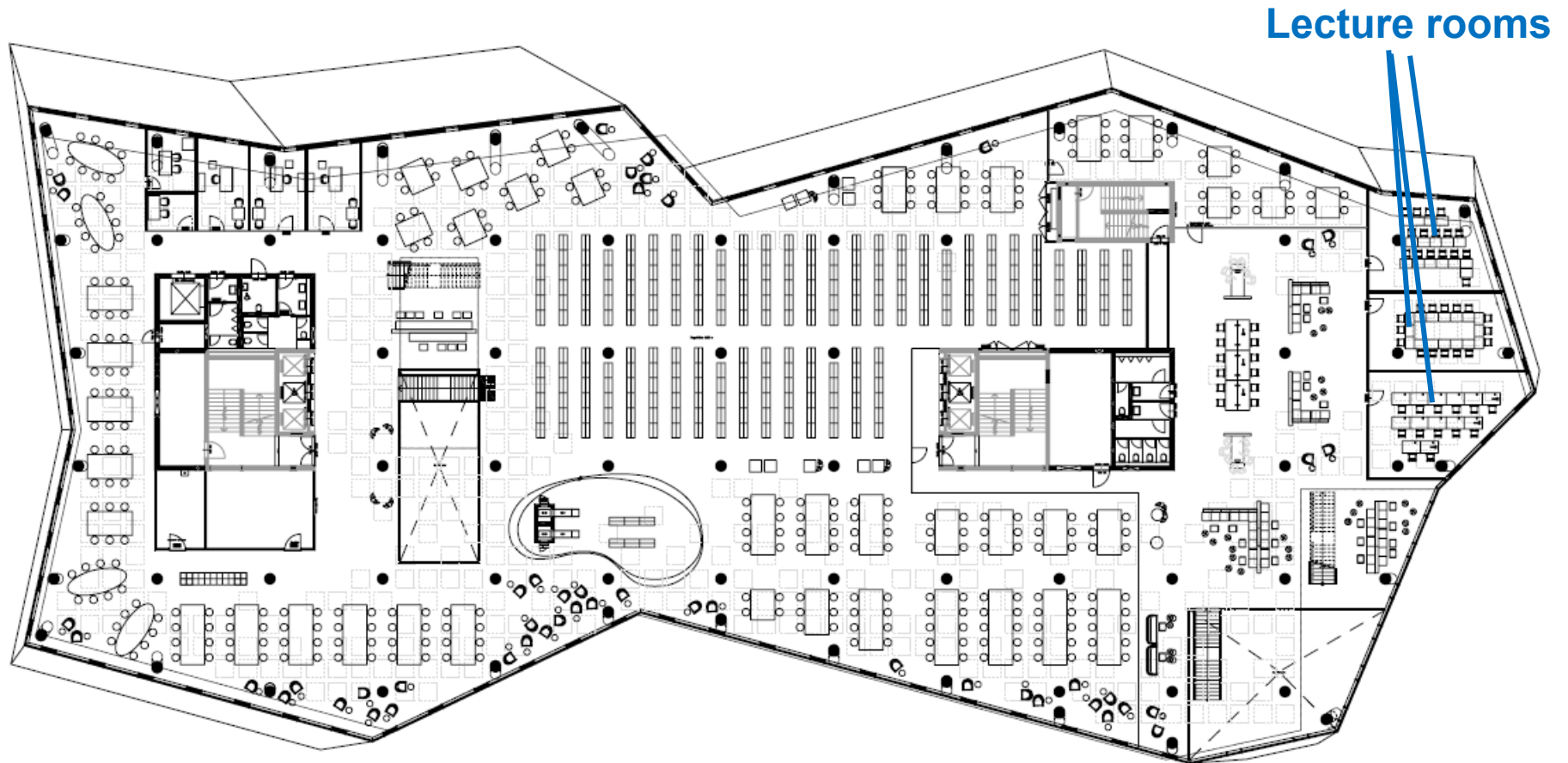


First floor



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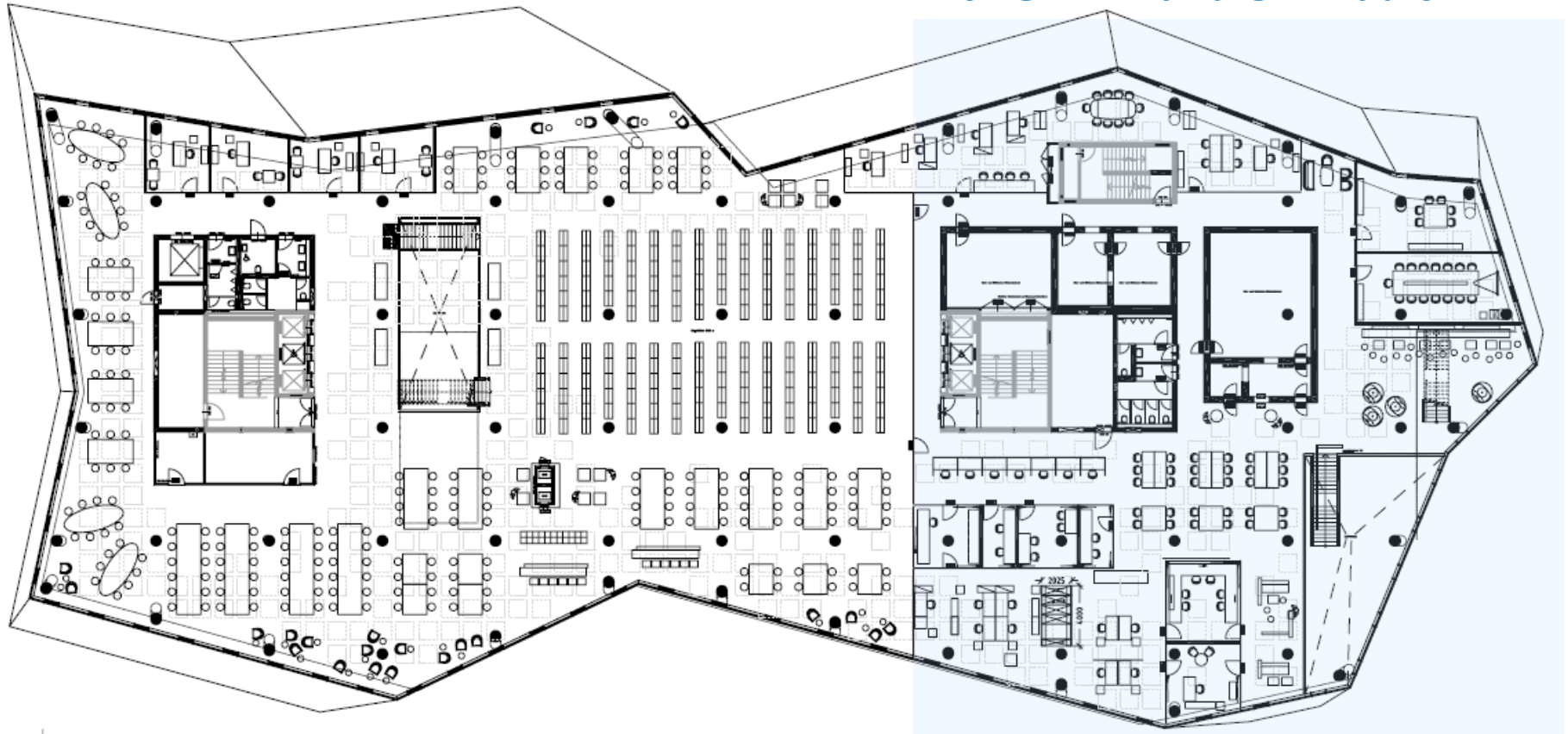
Second floor



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Third floor

New media centre
with Uni-TV und Uni-Radio



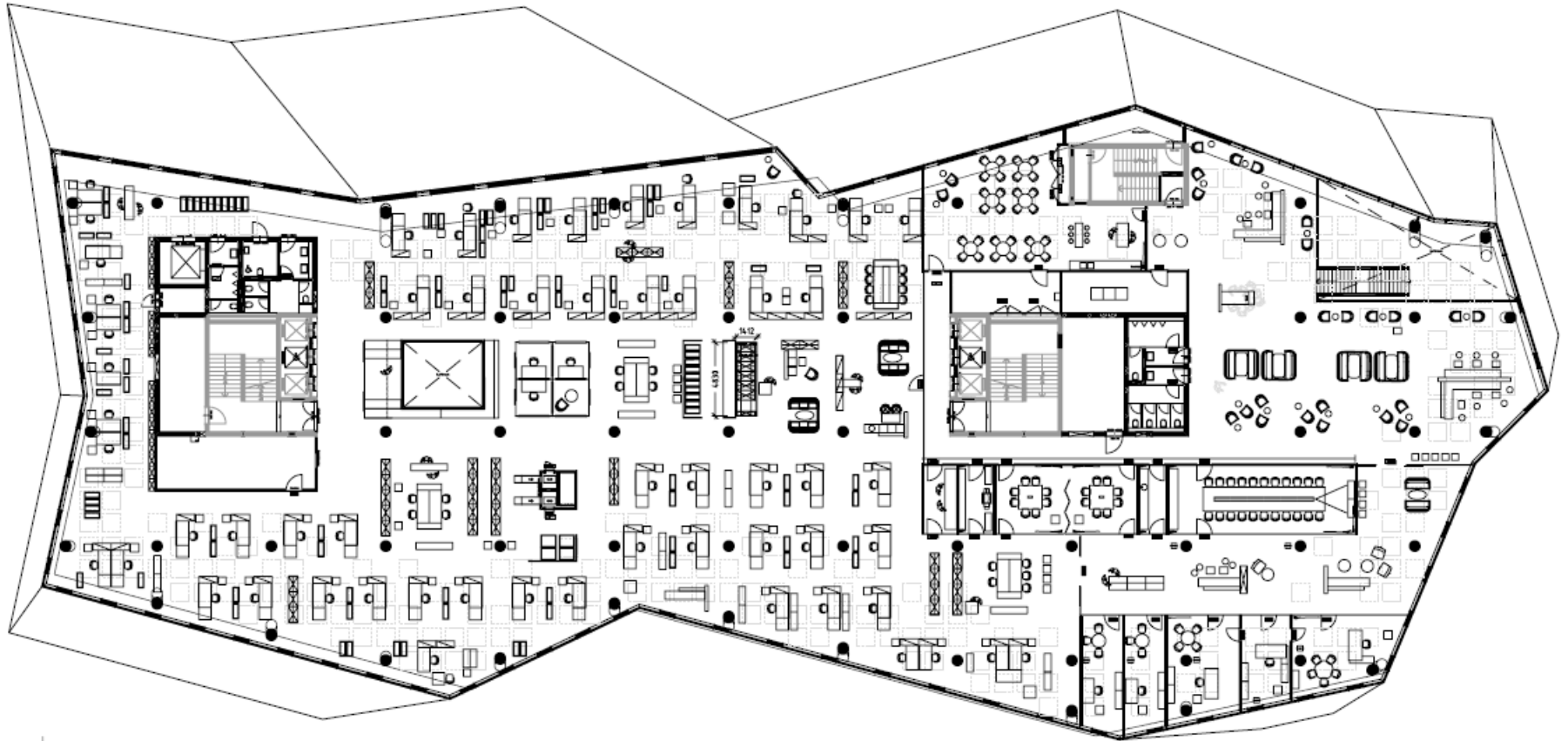
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Fourth floor



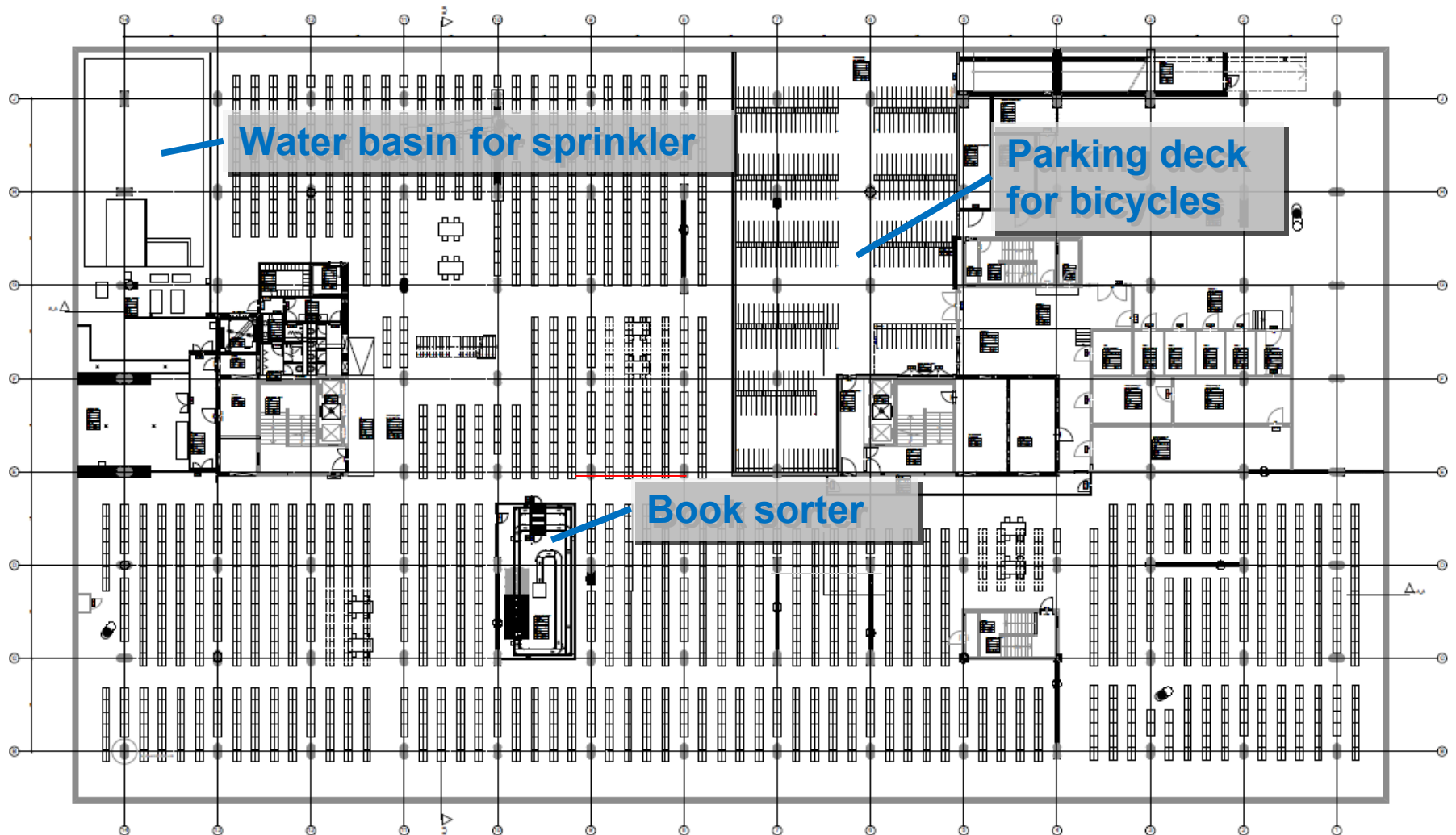
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Fifth floor – open office



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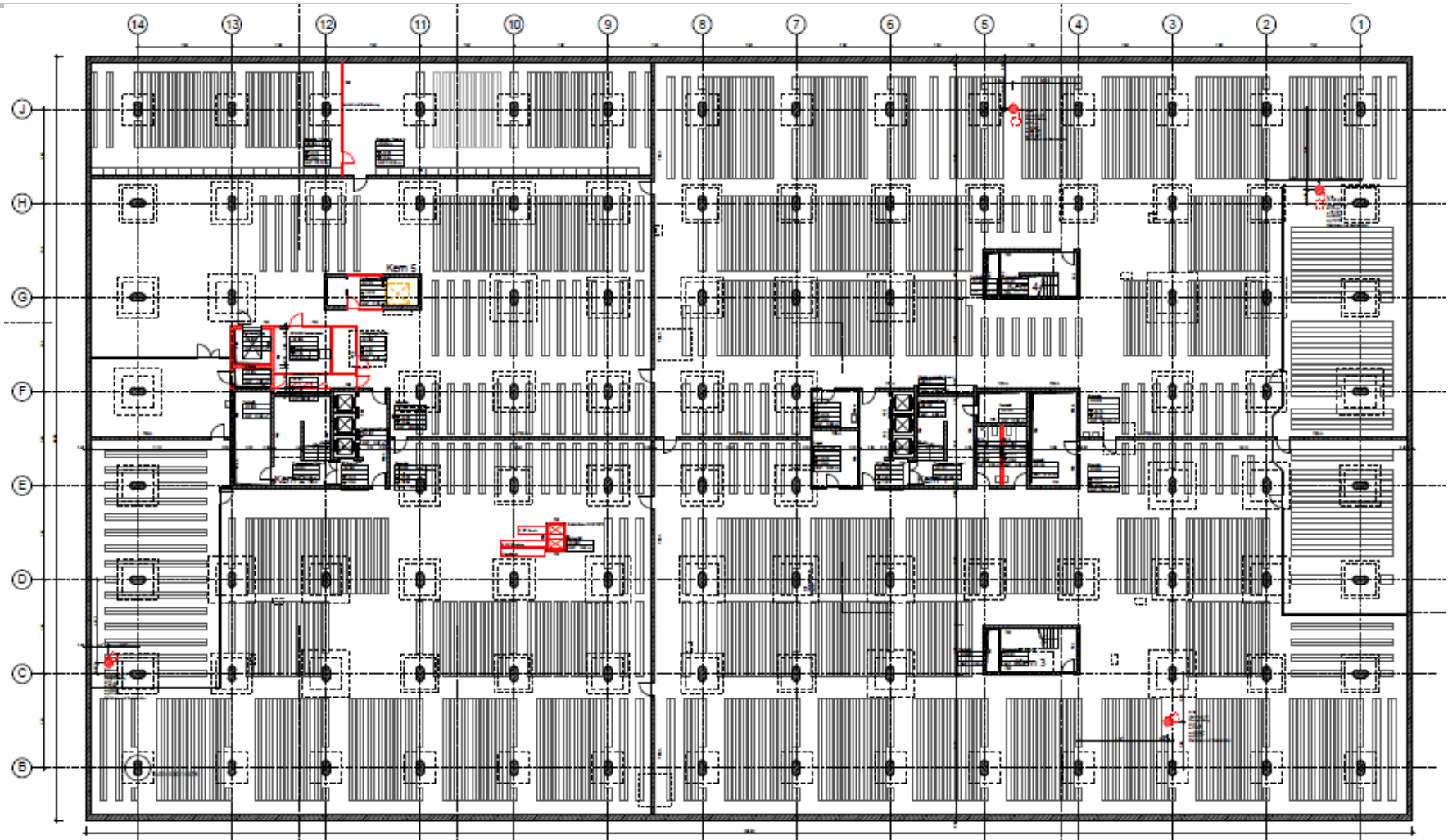
First basement floor – formerly parking deck



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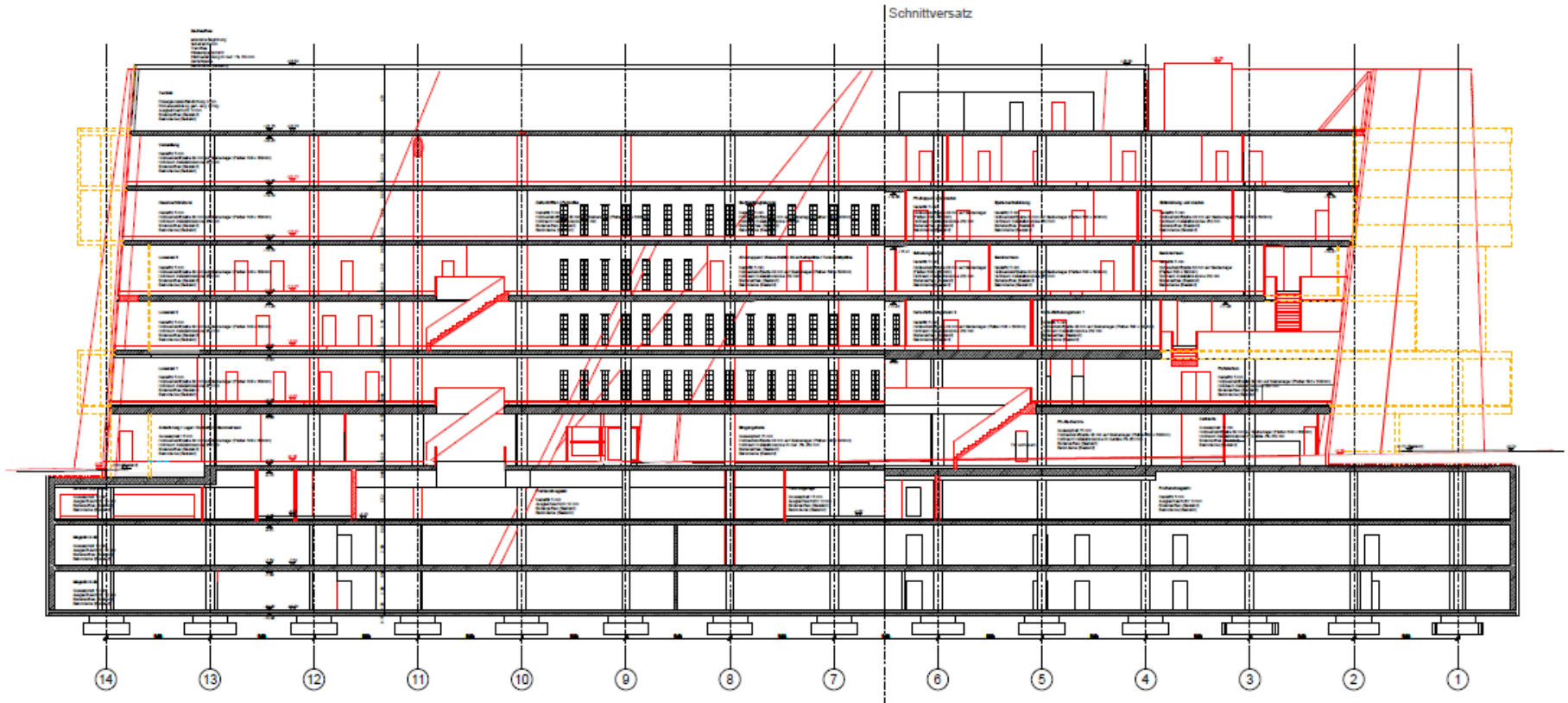
105 m x 60 m = 6.300 m²

Second and Third basement floor – closed stacks



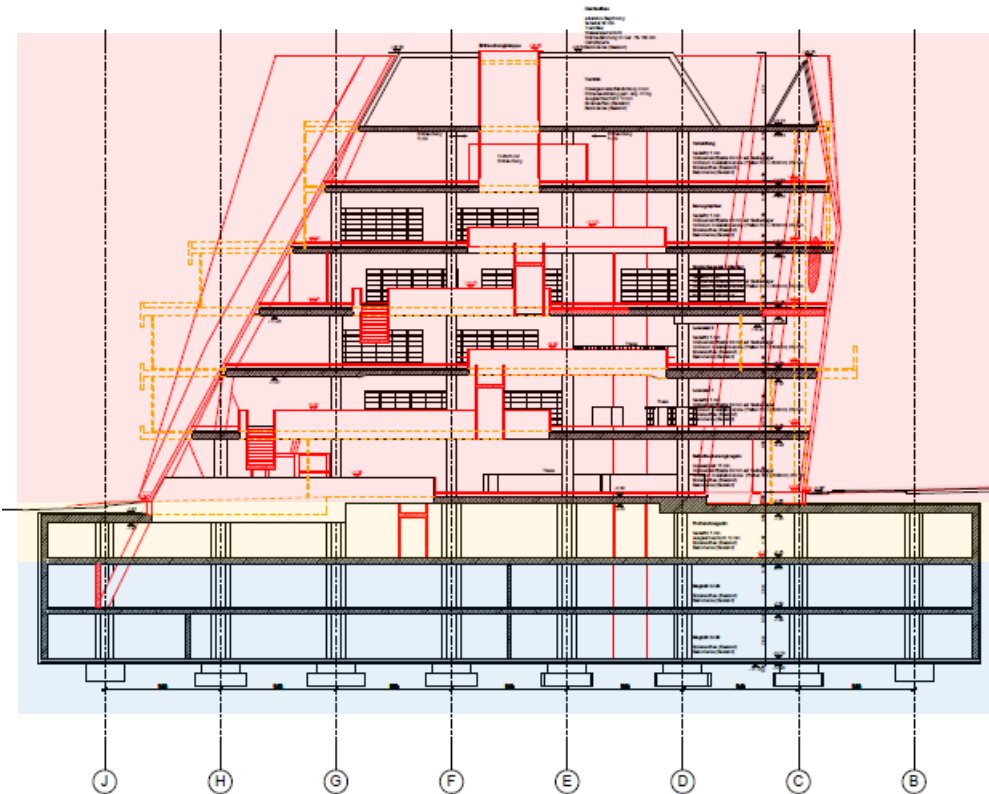
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Sectional view (A-A)



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Sectional view (B-B)



Demolition/Rebuilding

- +5 Open office
- +4 Reading rooms,
- +3 Parlatorium...
- +2
- +1
- 0 Entrance, Café

Conversion

- 1 Open stack

Operating

- 2 Closed stacks
- 3

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Library services during the renovation

UB 1



© UB Freiburg

Reading room
350,000 volumes
950 working places

UB 2



© UB Freiburg

Lending department
Reading room for raw materials
New media centre

Thank you very much!



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