

A detailed wireframe architectural rendering of a complex building structure, likely a control centre. The structure is composed of numerous interconnected lines forming a large, irregular, somewhat circular shape with several smaller, more rectangular sections extending from it. The rendering is shown from an elevated perspective, highlighting the intricate network of structural elements.

Project_FAIR Control Centre

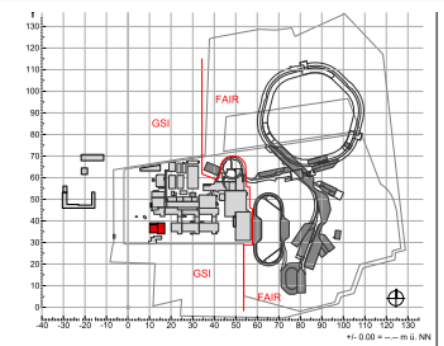
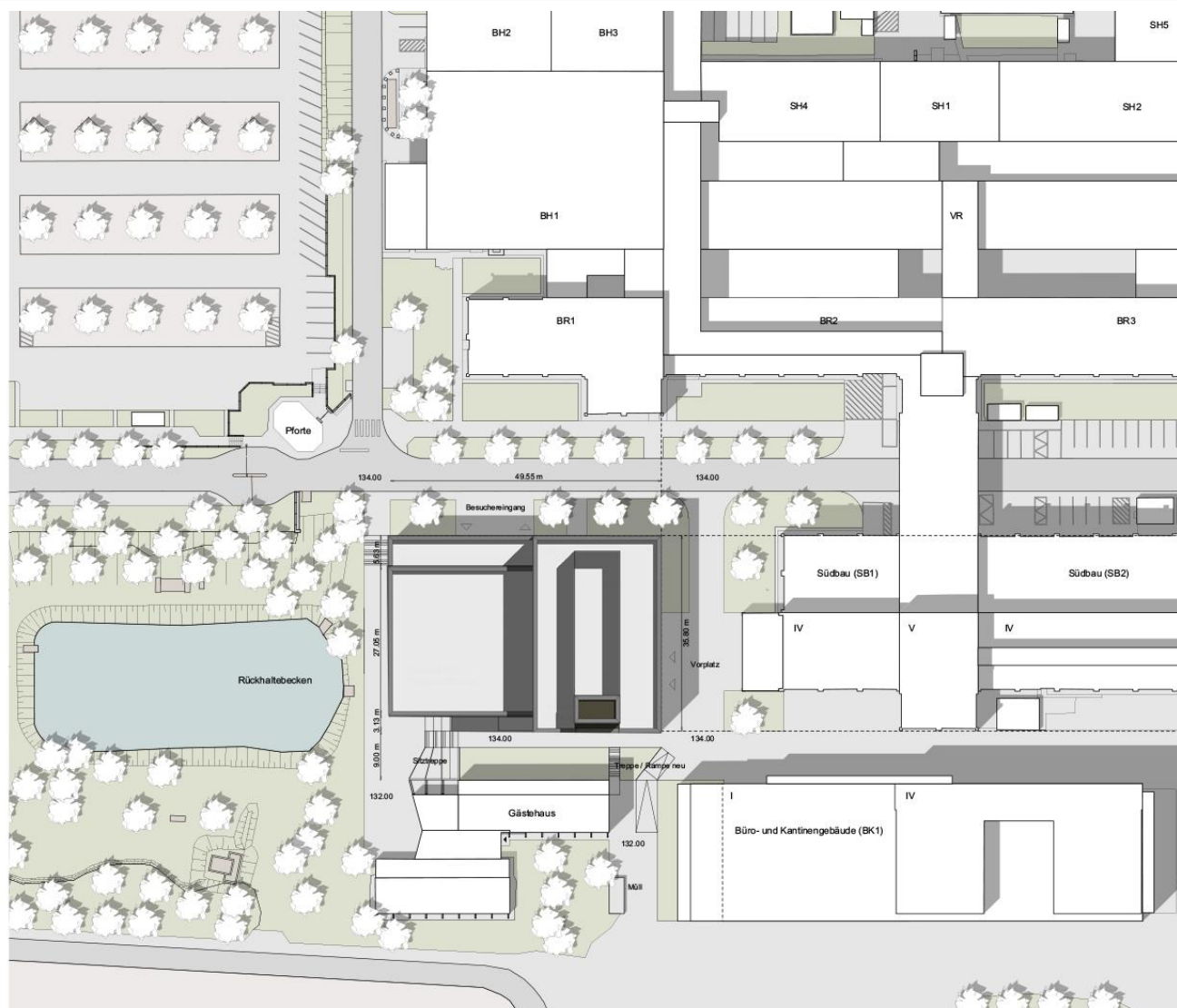
Presentation Project Status & Design
Special FC2WG Meeting
6th March 2019

Agenda



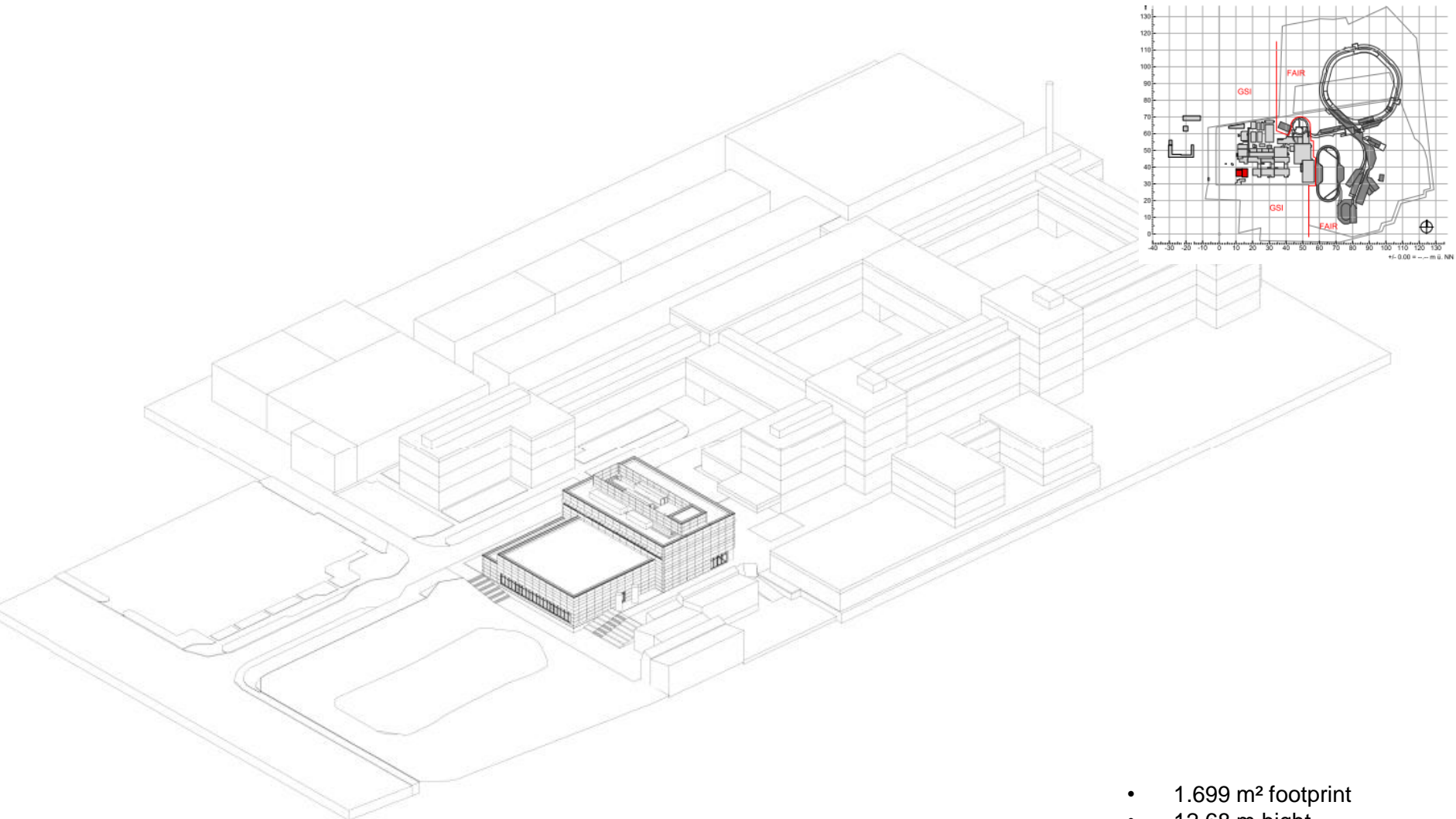
- Site map
- Floor plans
- Sections
- Renderings
- High level overview planning phases
- Decision – further steps

Building construction – site map



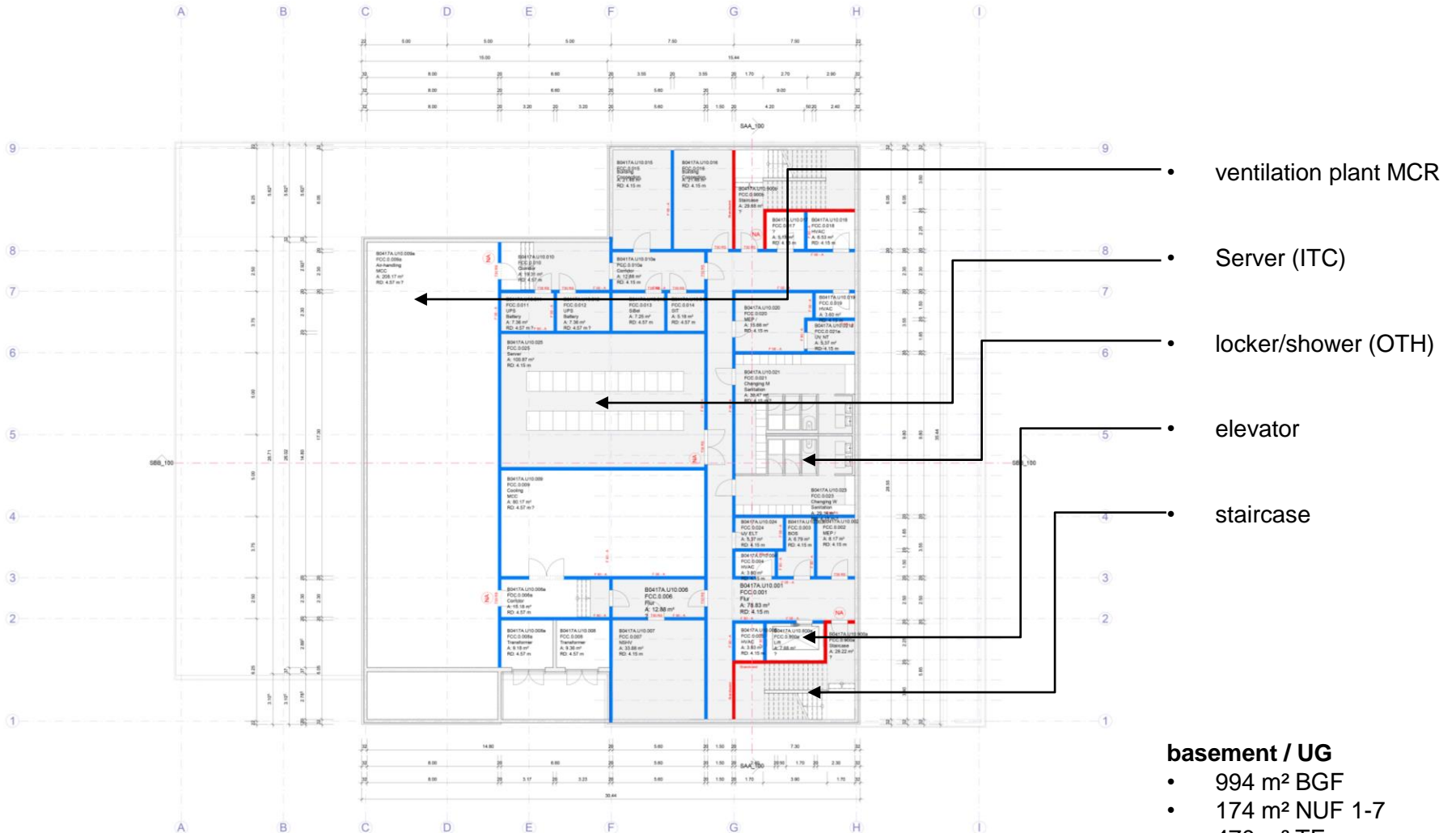
- 1.699 m² footprint
- 12,68 m high
- 3 floors

Building construction – site perspective



- 1.699 m² footprint
- 12,68 m high
- 3 floors

Building construction – floor plans basement

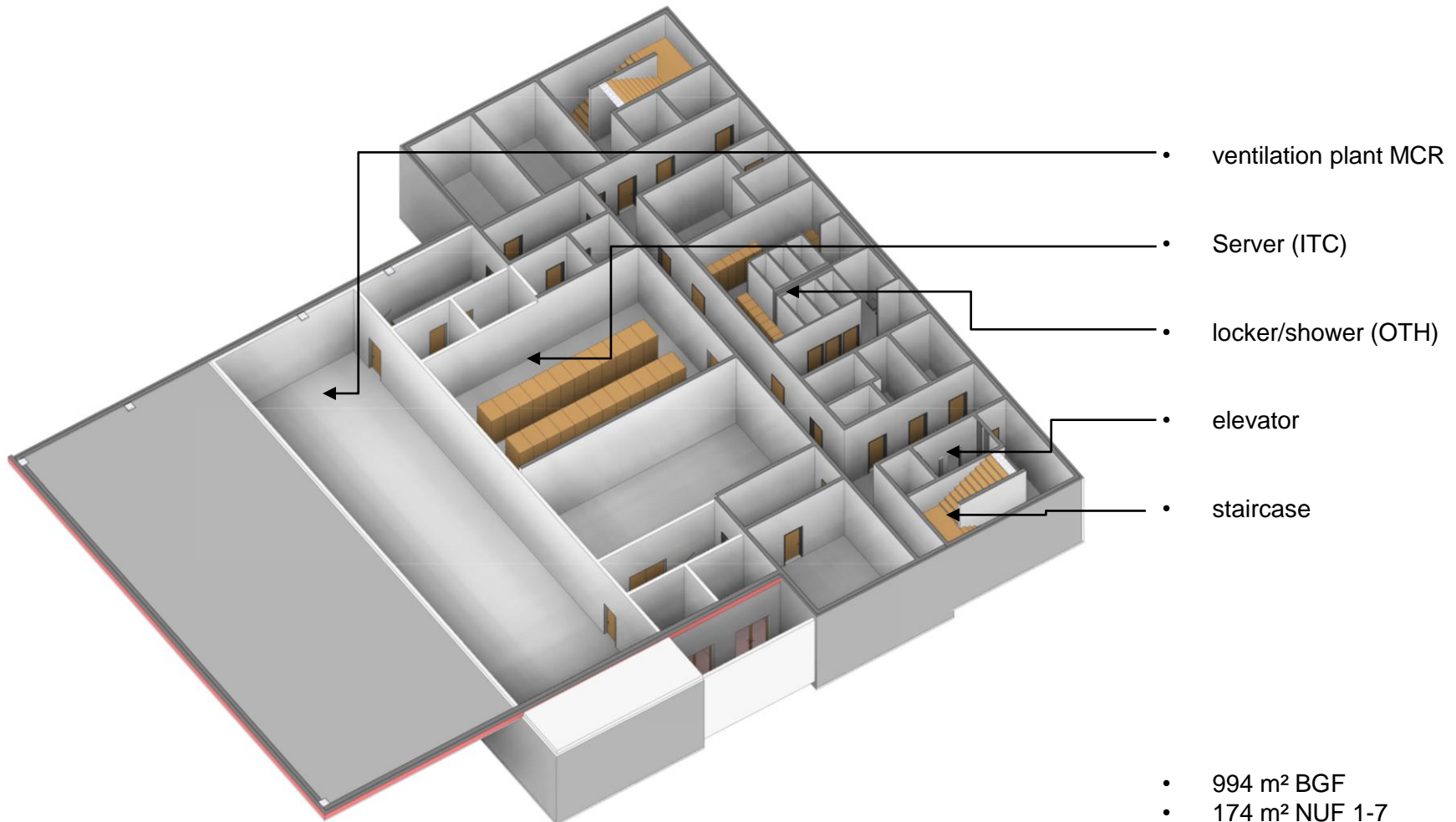


- ventilation plant MCR
- Server (ITC)
- locker/shower (OTH)
- elevator
- staircase

- basement / UG**
- 994 m² BGF
 - 174 m² NUF 1-7
 - 470 m² TF
 - 205 m² VF

Walls with different colors = different fire protection quality

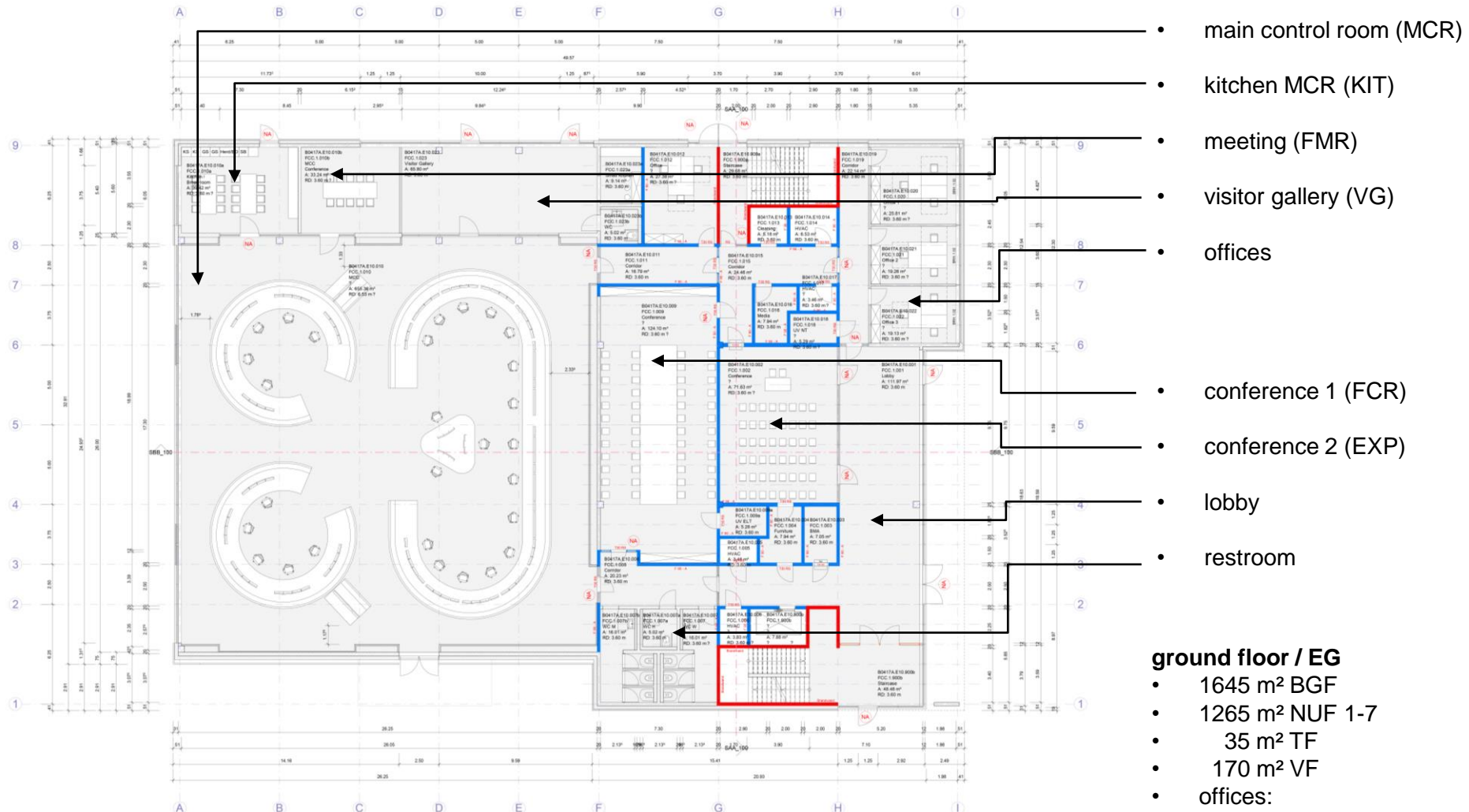
Building construction – isometric projection - basement



- ventilation plant MCR
- Server (ITC)
- locker/shower (OTH)
- elevator
- staircase

- 994 m² BGF
- 174 m² NUF 1-7
- 470 m² TF
- 205 m² VF

Building construction – floor plans ground floor

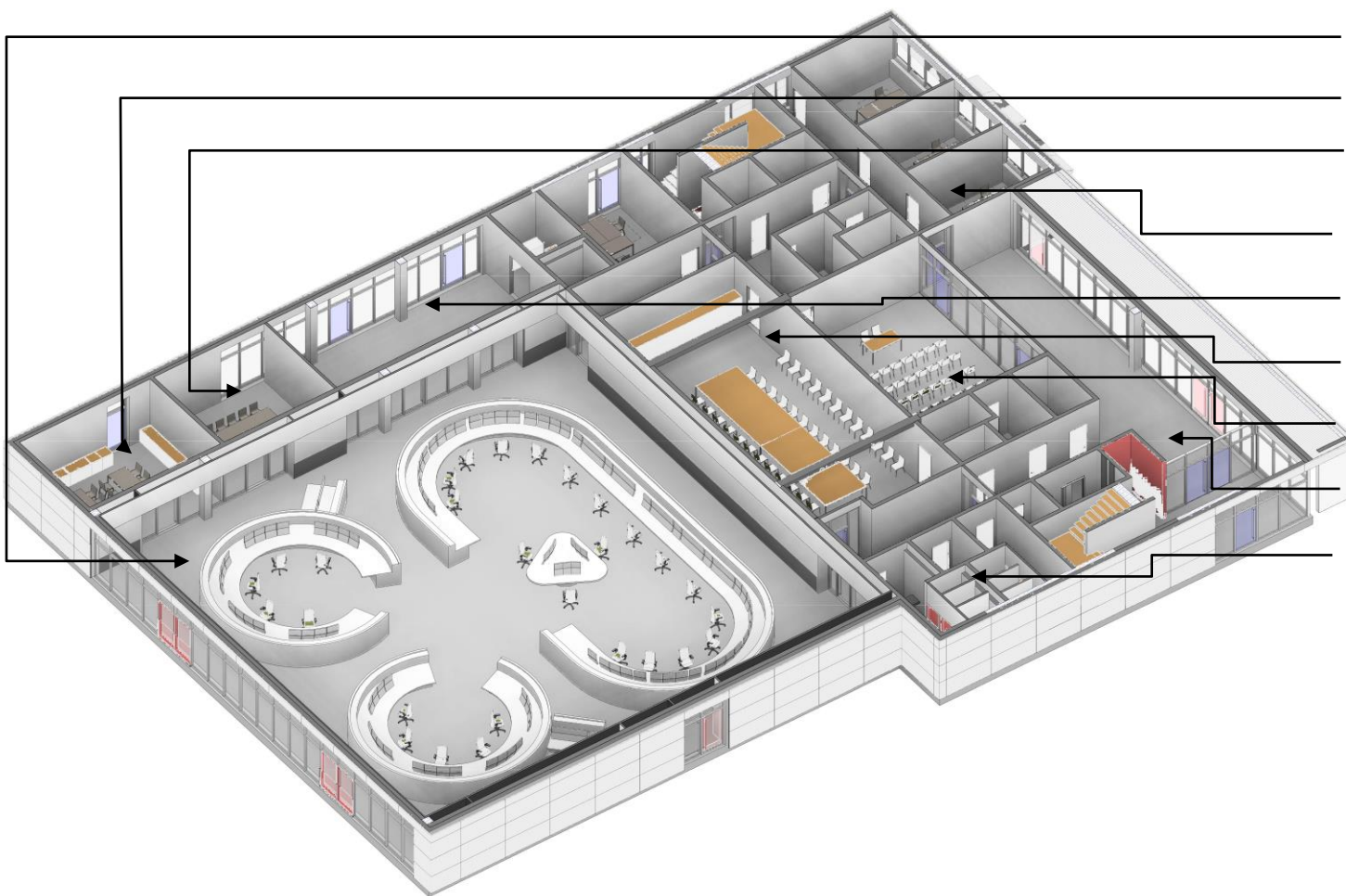


- main control room (MCR)
- kitchen MCR (KIT)
- meeting (FMR)
- visitor gallery (VG)
- offices
- conference 1 (FCR)
- conference 2 (EXP)
- lobby
- restroom

- ground floor / EG**
- 1645 m² BGF
 - 1265 m² NUF 1-7
 - 35 m² TF
 - 170 m² VF
 - offices:
 - 8 permanent workstations
 - 4 temporary workstations

Walls with different colors = different fire protection quality

Building construction – isometric projection - ground floor

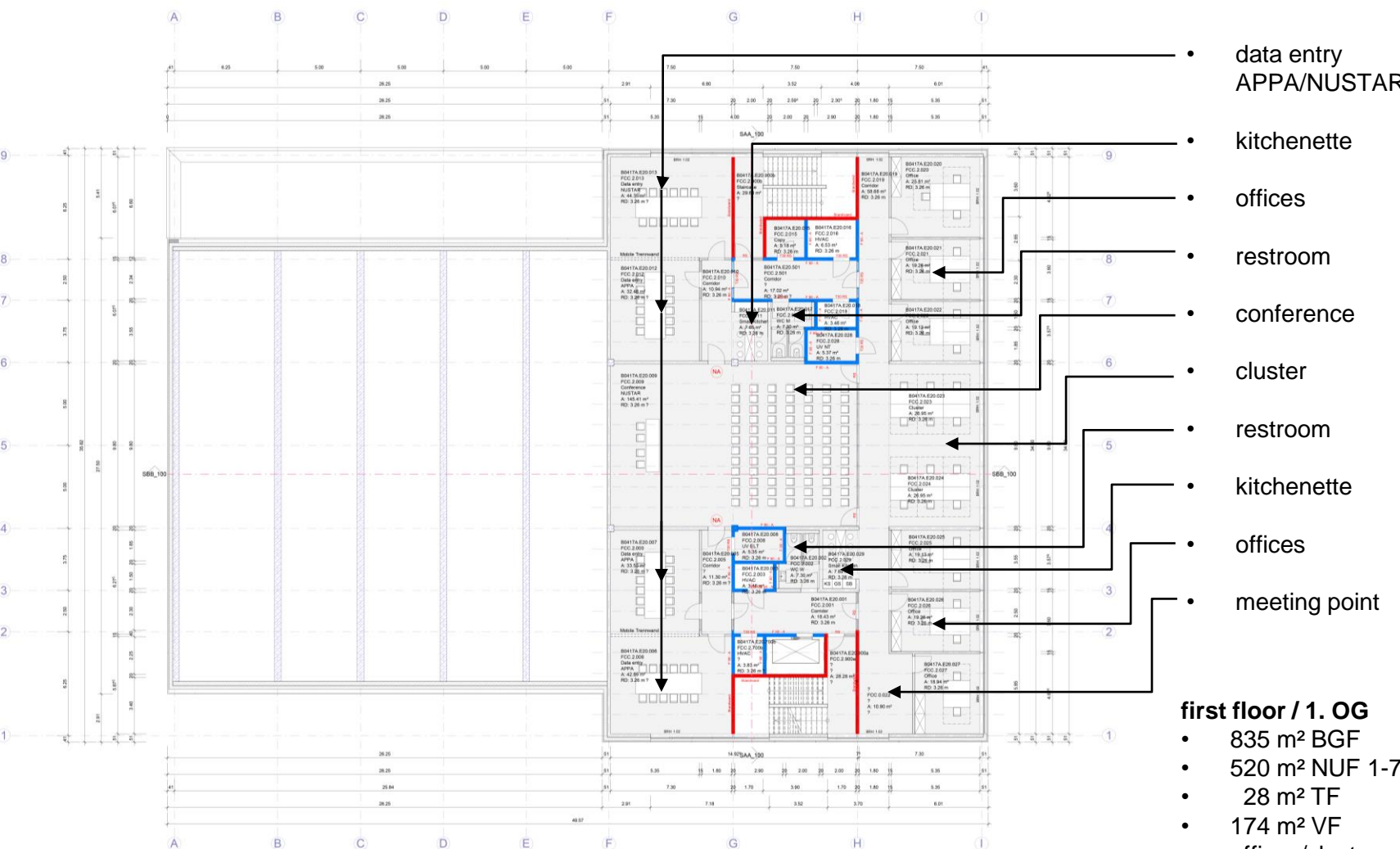


- main control room (MCR)
- kitchen MCR (KIT)
- meeting (FMR)
- offices
- visitor gallery (VG)
- conference 1 (FCR)
- conference 2 (EXP)
- lobby
- restroom

- ground floor / EG**
- 1645 m² BGF
 - 1265 m² NUF 1-7
 - 35 m² TF
 - 170 m² VF
 - offices:
 - 8 permanent workstations
 - 4 temporary workstations

Building construction – floor plans

first floor

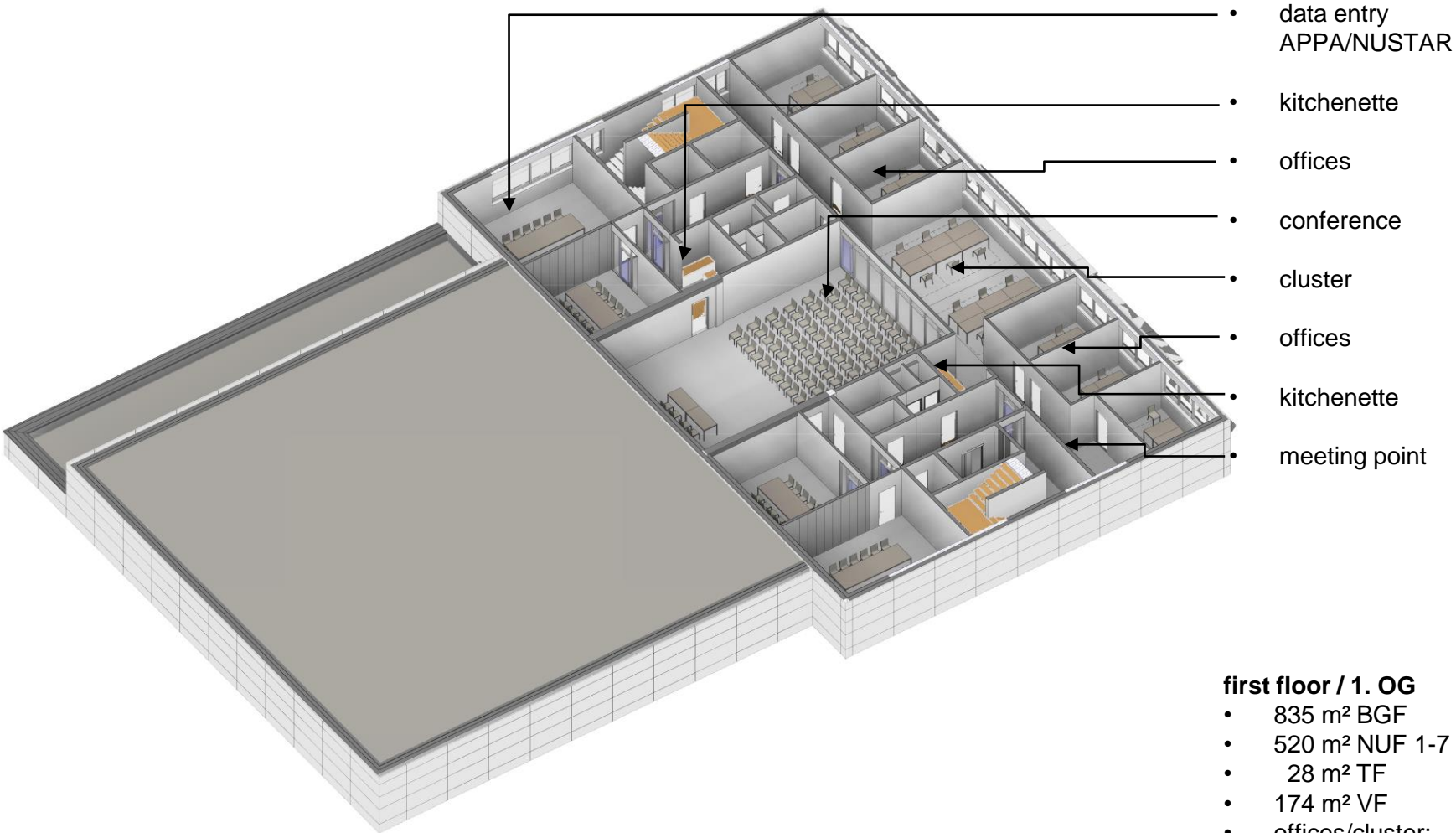


- data entry APPA/NUSTAR
- kitchenette
- offices
- restroom
- conference
- cluster
- restroom
- kitchenette
- offices
- meeting point

- first floor / 1. OG**
- 835 m² BGF
 - 520 m² NUF 1-7
 - 28 m² TF
 - 174 m² VF
 - offices/cluster:
 - 24 permanent workstations
 - 5 temporary workstations

Walls with different colors = different fire protection quality

Building construction – isometric projection - first floor

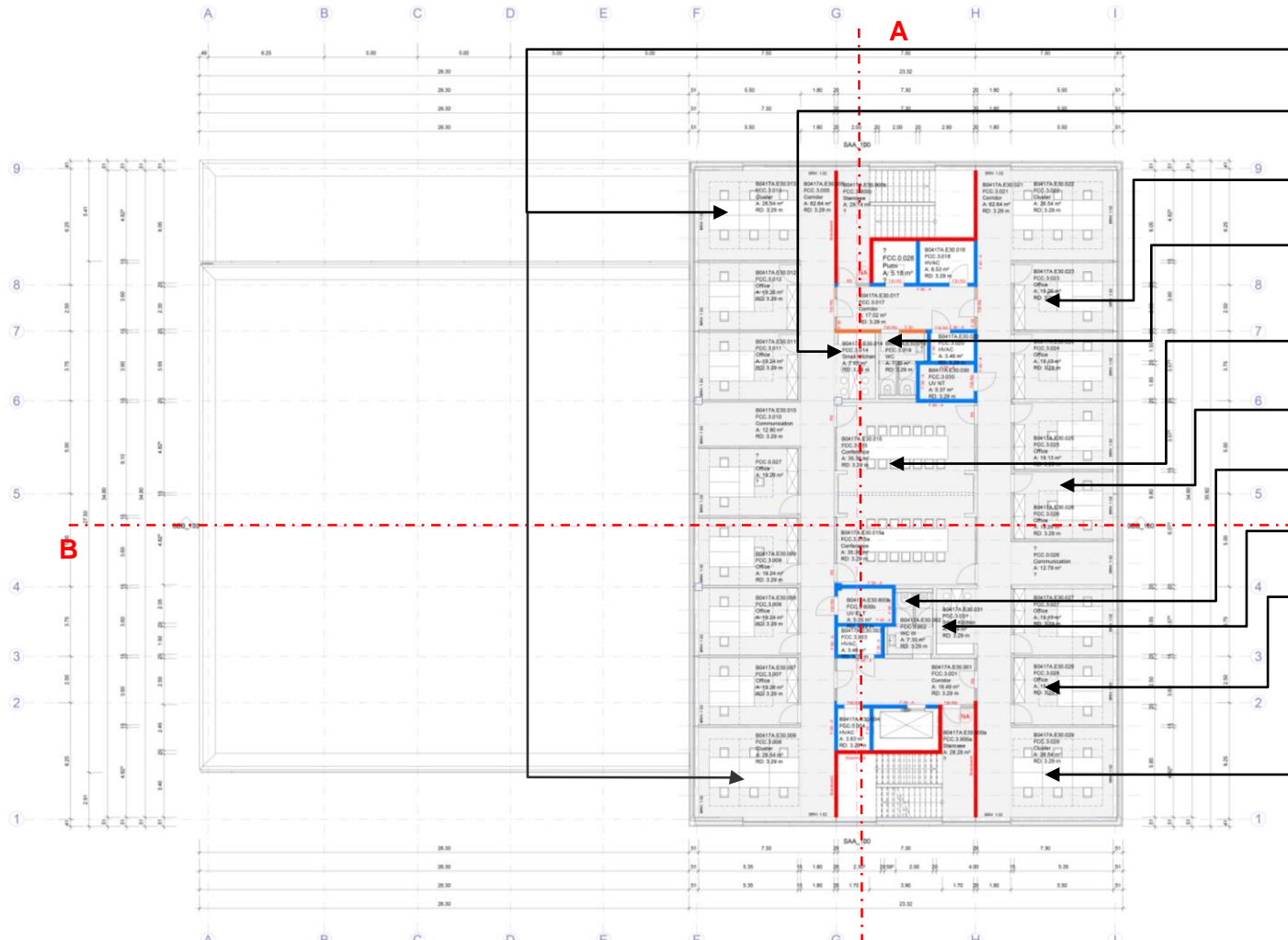


- data entry
APPA/NUSTAR
- kitchenette
- offices
- conference
- cluster
- offices
- kitchenette
- meeting point

- first floor / 1. OG**
- 835 m² BGF
 - 520 m² NUF 1-7
 - 28 m² TF
 - 174 m² VF
 - offices/cluster:
 - 24 permanent workstations
 - 5 temporary workstations

Building construction – floor plans

second floor



- cluster
- kitchenette
- offices
- restroom
- conference
- offices
- restroom
- kitchenette
- offices
- cluster

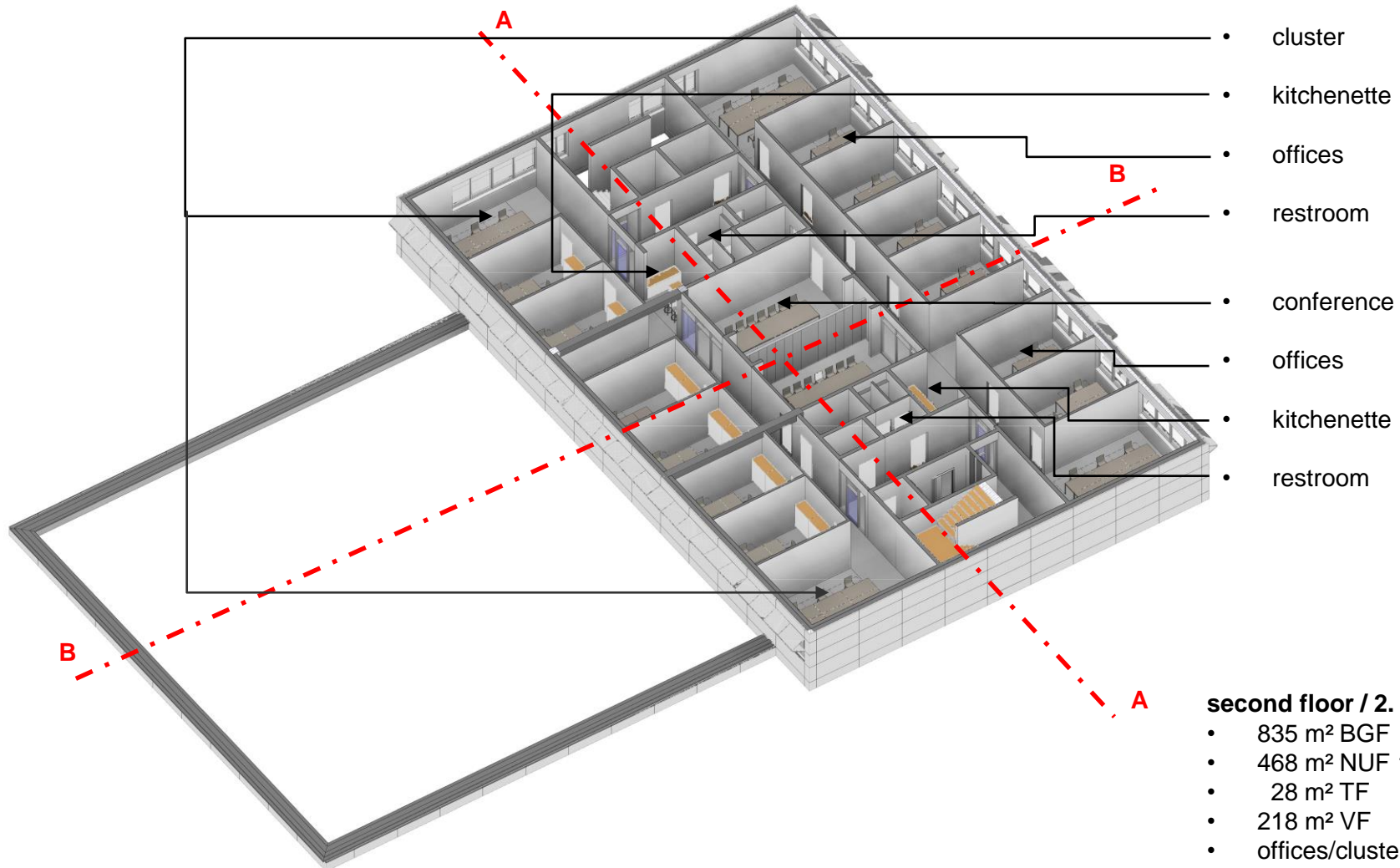
second floor / 2. OG

- 835 m² BGF
- 468 m² NUF 1-7
- 28 m² TF
- 218 m² VF
- offices/cluster:
- 48 permanent workstations
- 12 temporary workstations

Walls with different colors = different fire protection quality

Grundriss
2. Obergeschoss

Building construction – isometric projection - second floor

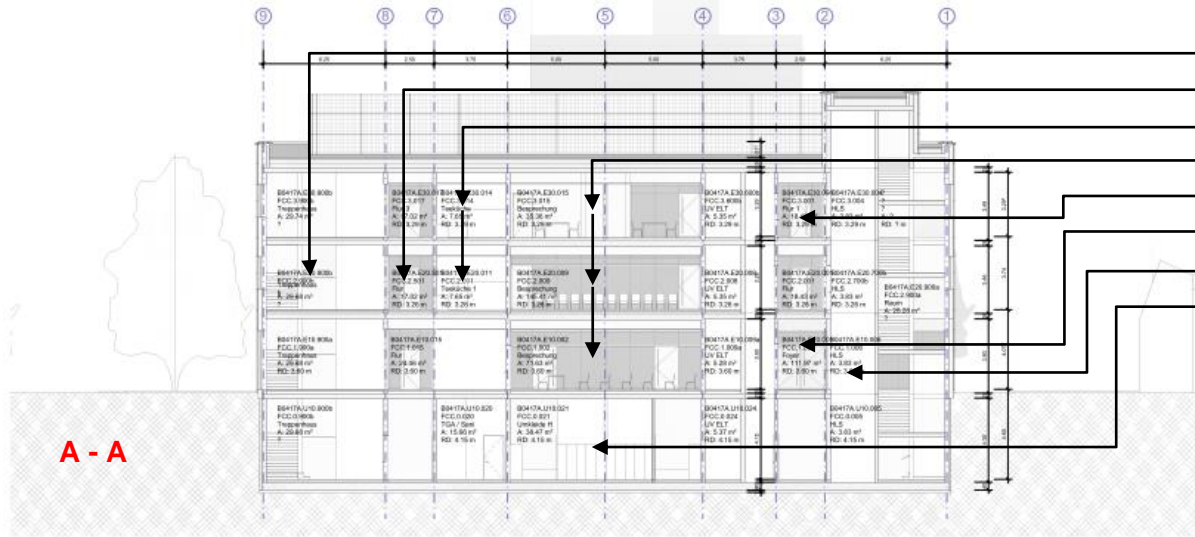


- cluster
- kitchenette
- offices
- restroom
- conference
- offices
- kitchenette
- restroom

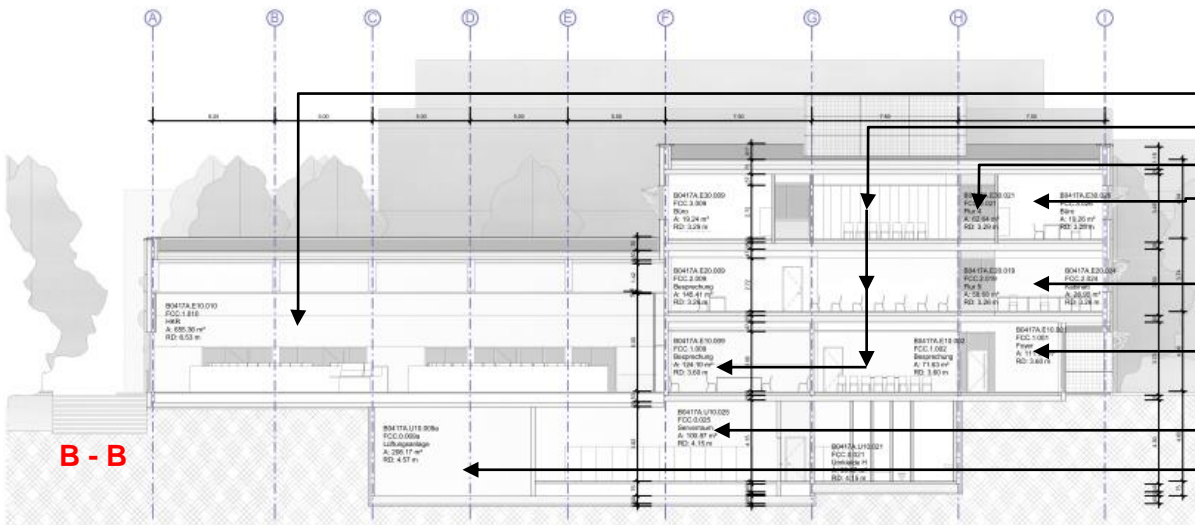
- second floor / 2. OG**
- 835 m² BGF
 - 468 m² NUF 1-7
 - 28 m² TF
 - 218 m² VF
 - offices/cluster:
 - 48 permanent workstations
 - 12 temporary workstations

Building construction – sections

A-A, B-B

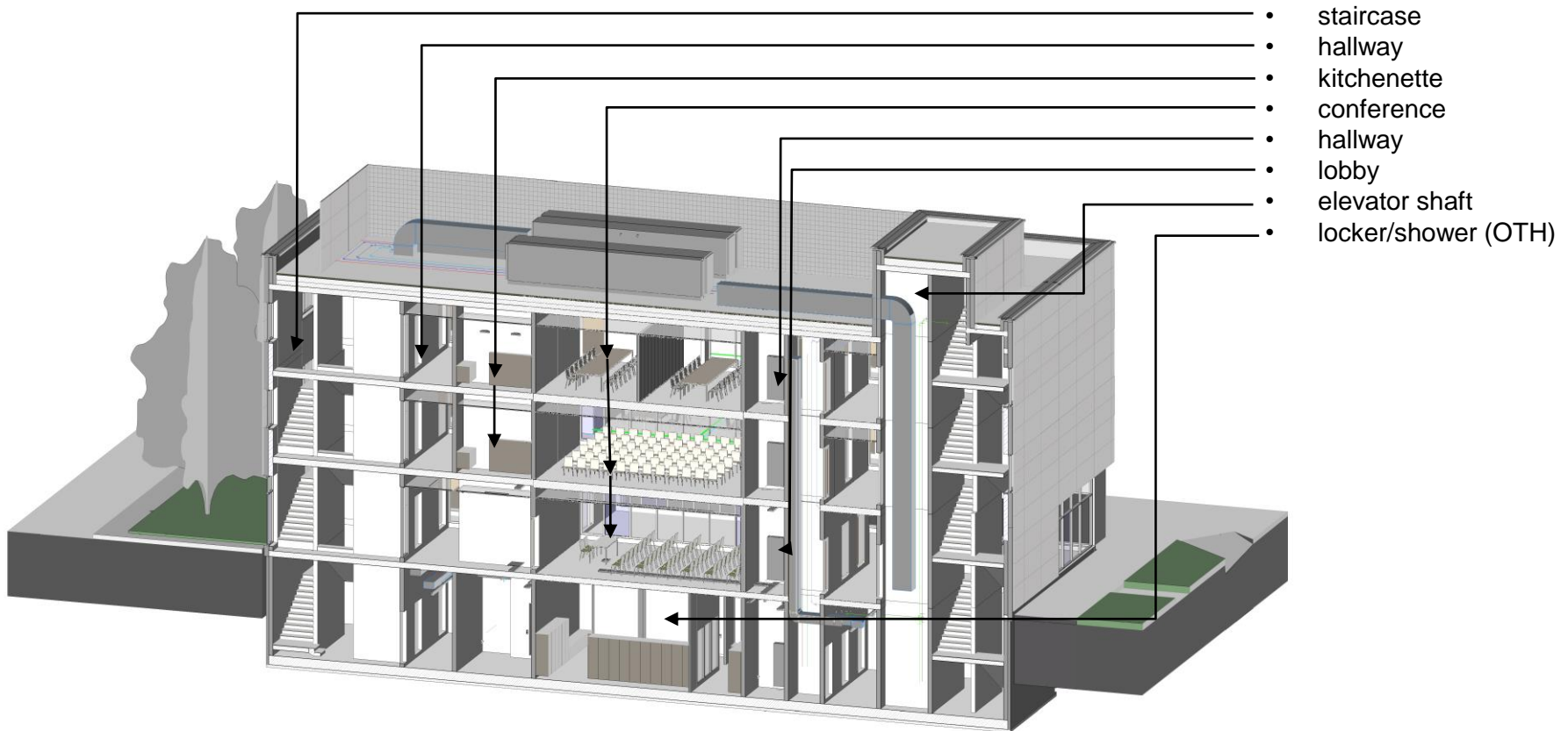


- staircase
- hallway
- kitchenette
- conference
- hallway
- lobby
- elevator shaft
- locker/shower



- main control room (MCR)
- conference
- hallway
- office
- cluster
- lobby
- server (ITC)
- ventilation plant

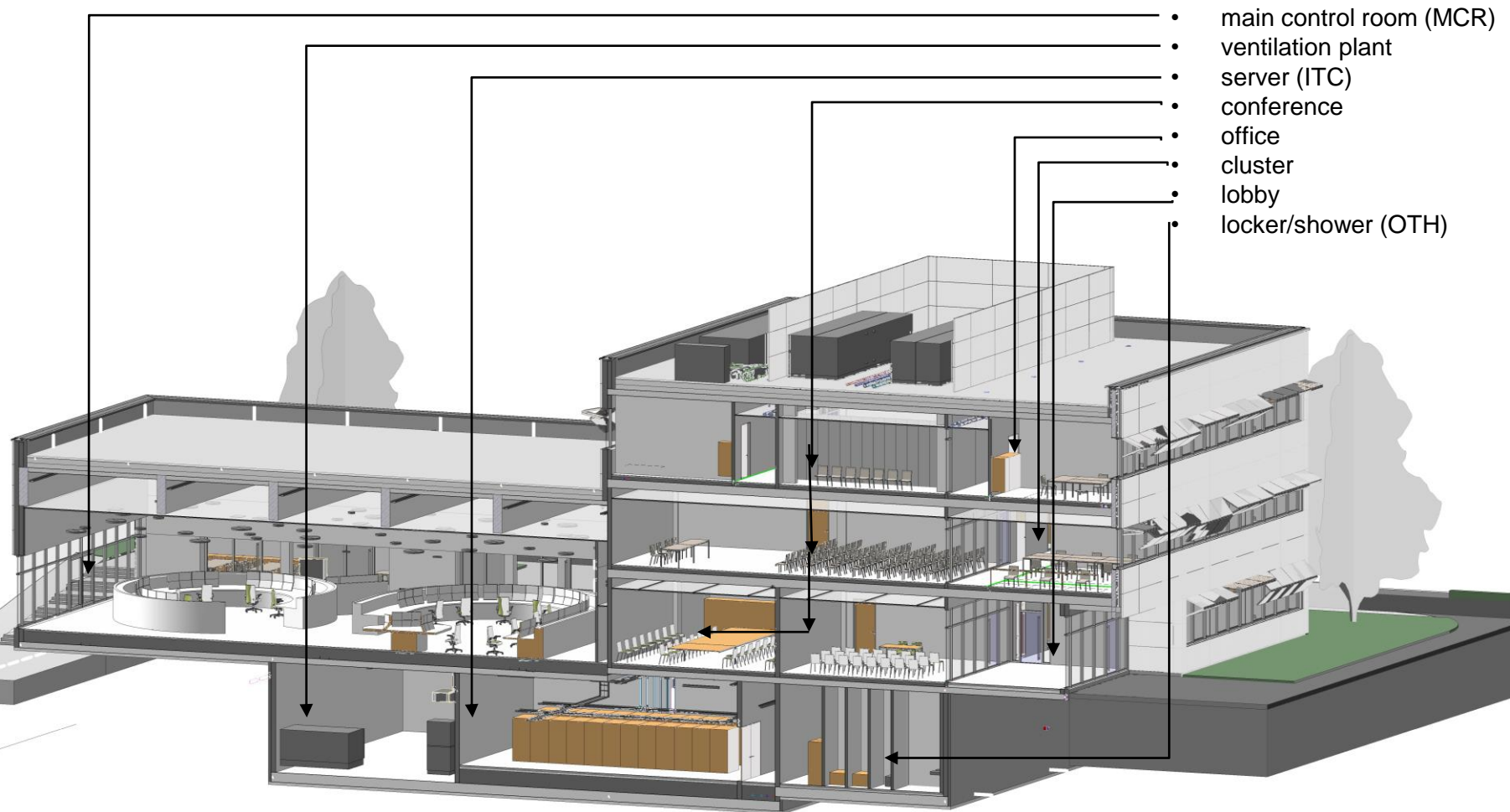
Building construction – sections A-A isometric projection



A - A

Building construction – sections

B-B isometric projection



Building construction – renderings birds eye



Building construction – renderings

Main entrance



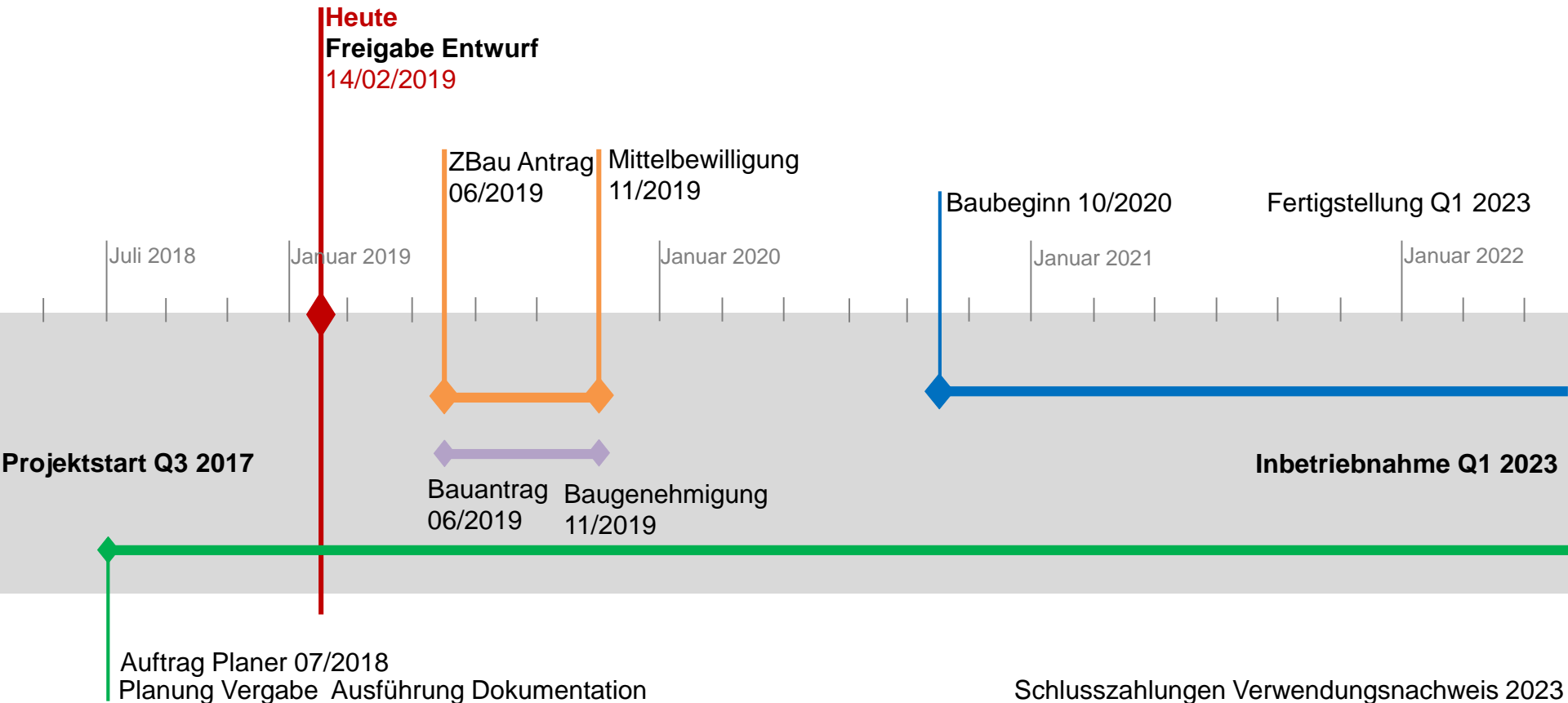
Building construction – renderings view from the main gate



Building construction – renderings interiour – main control room



High Level Overview considering Planning Phases according to HOAI



Risks outside of GSI control: delay of 1)ZBau-Approval 2)Construction permit 3)market situation



Further Steps

- Decision to system of MCR-console cooling based on decision paper by the user (in preparation of user HKR) and consensus to the further non-conformity issues of the HKR user specification
- coordinated definition of the qualities of surfaces and technical installation as the basis for the cost estimate LPh 3
- Final aproval of LPH 2 and 3 by the users until 07.05.2019

Thank you for your attention!

