

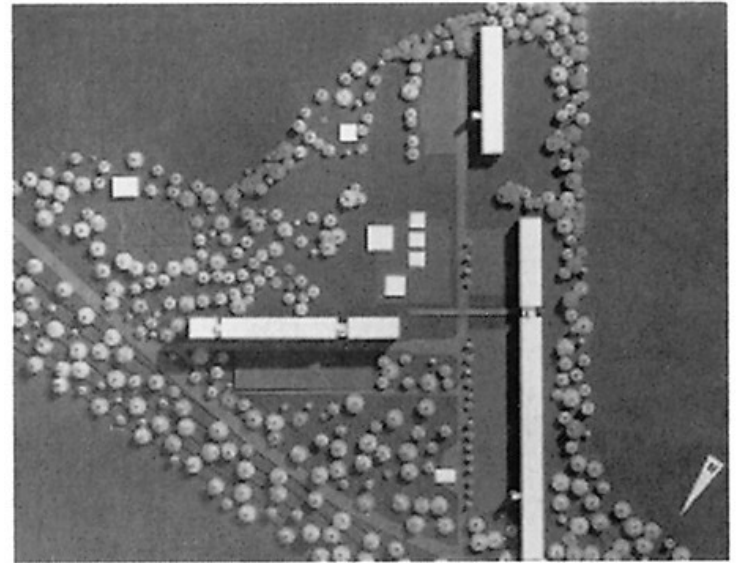
Project summary

- Asemwald housing complex (Stuttgart)
- Nickname «Hannibal»
- Three building blocks (20 to 22 floors)
- 1143 apartment units
- Construction 1968-1972



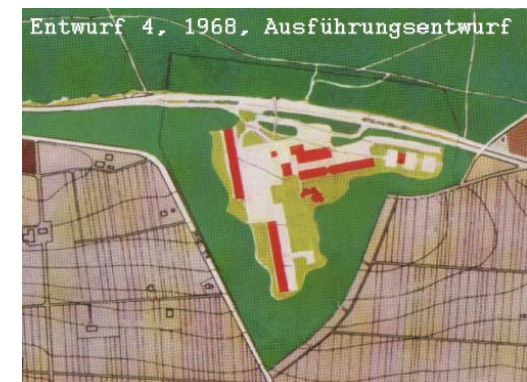
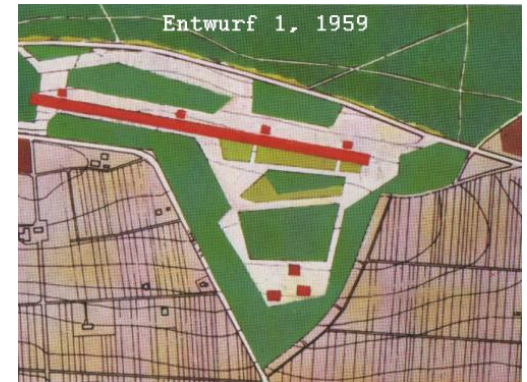
Type of housing

- Apartment housing
- 21 different floor plans
- From 45 to 160 sqm
- 70 % owner-occupied
- 30 % rented
- Average resident age : 61 in 2008
- Services
 - shops, restaurant, swimming pool on the last floor



Project history

- Architects : Otto Jäger und Werner
- First design concept in 1958
 - One 650 m-long slab
 - Would have been largest housing complex in Europe
- Construction start : 1968
- Construction end : 1972
- First residents : April 1971

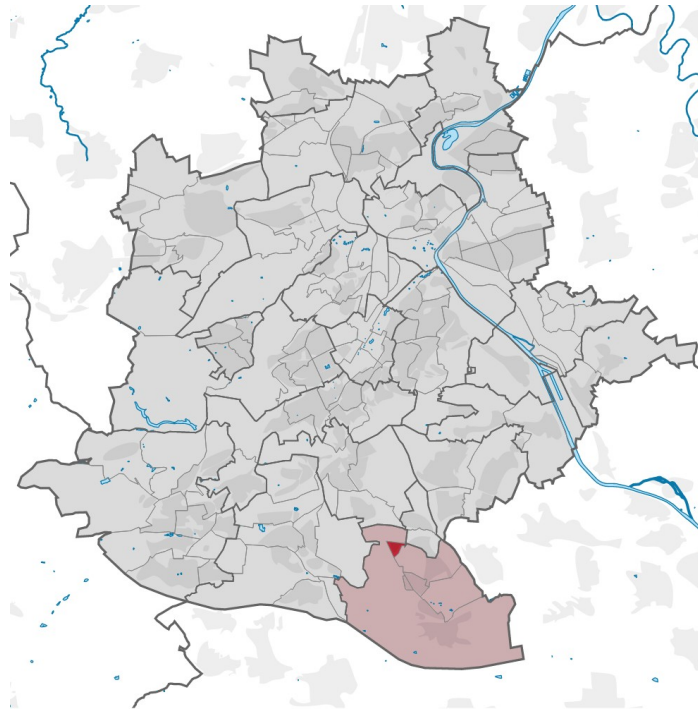


Construction method

- Prefabricated concrete construction
- Only outer walls and shafts load-bearing
- Large slab spans
 - Free plan layouts
- Thick ceilings
 - reported good noise protection
- Continuous balconies, behind which building envelope follows individual building units

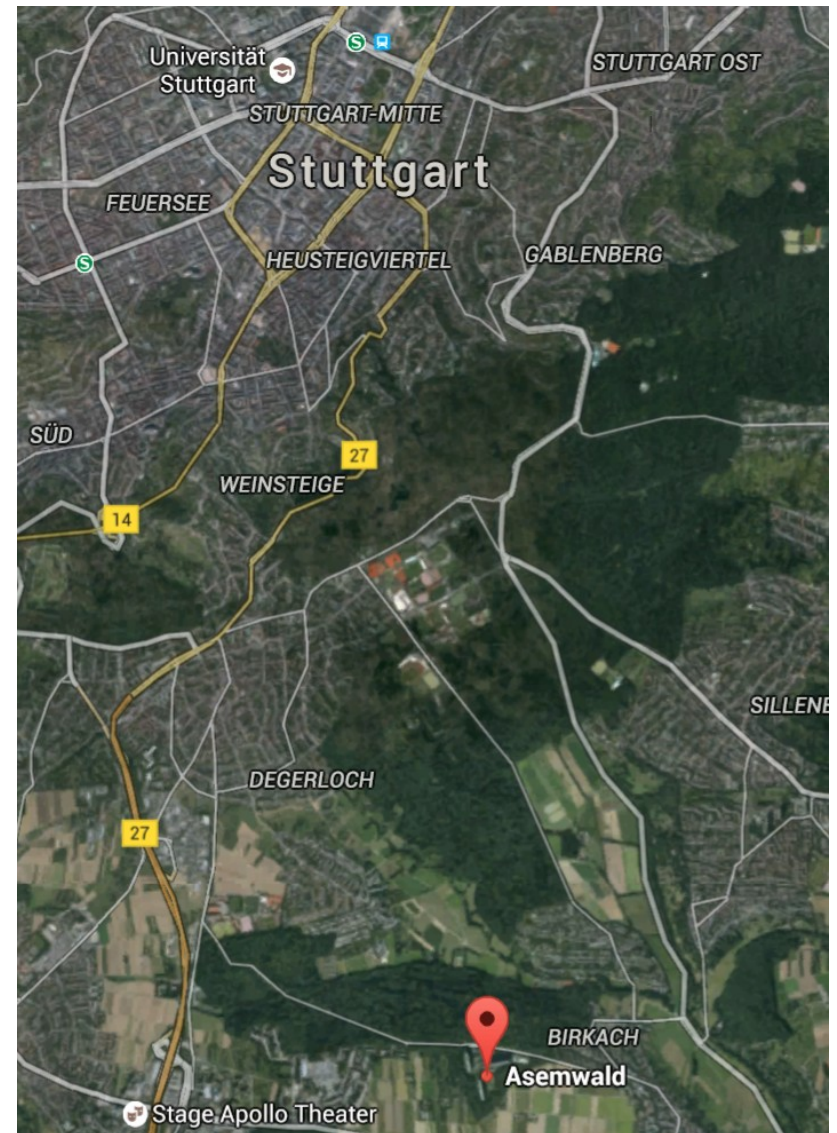
Location

- Stuttgart, Germany
- Asemwald district
 - most inhabitants of which live in the complex

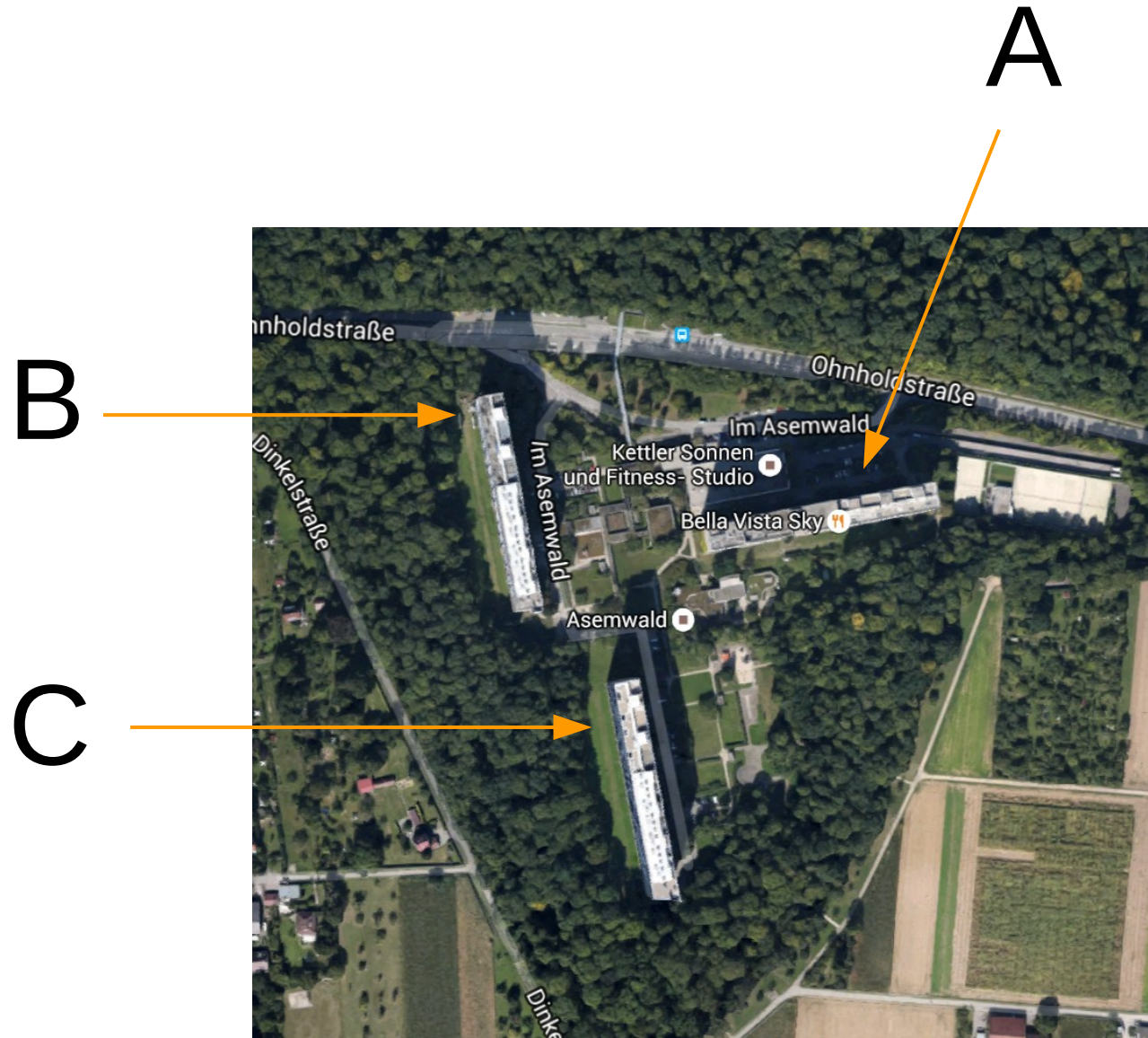


Site

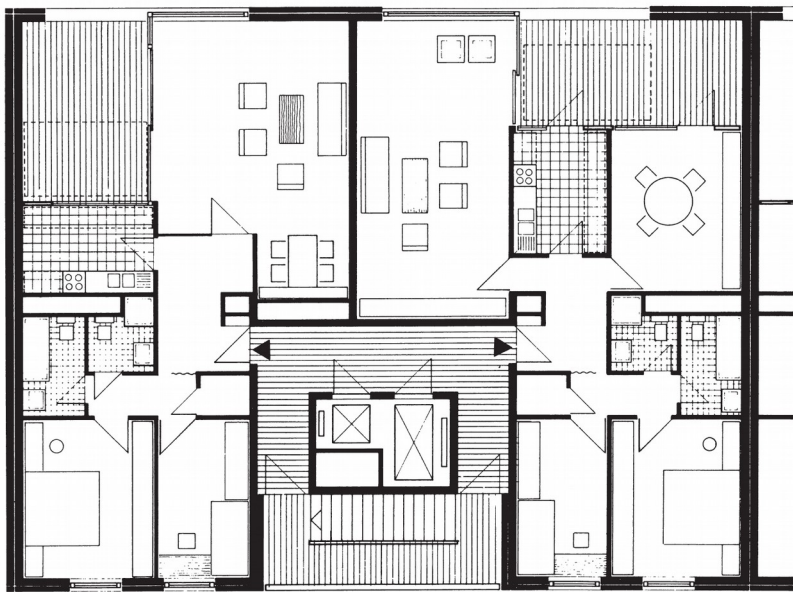
- 8 km south of city center
- Separated by a forest
- 2 km to highway
- 2.5 km to metro U3



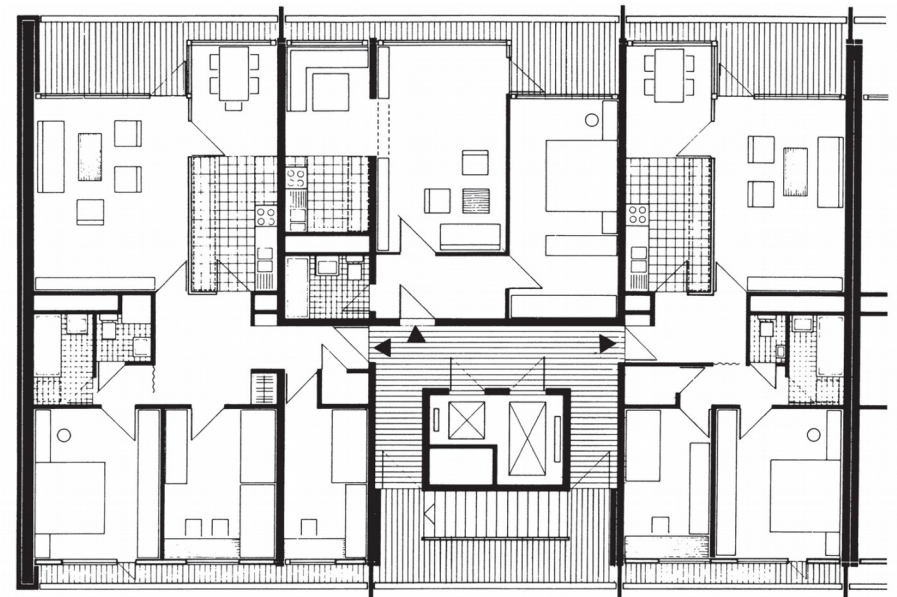
Building blocks



Selected floor plans : two floor sections in block A



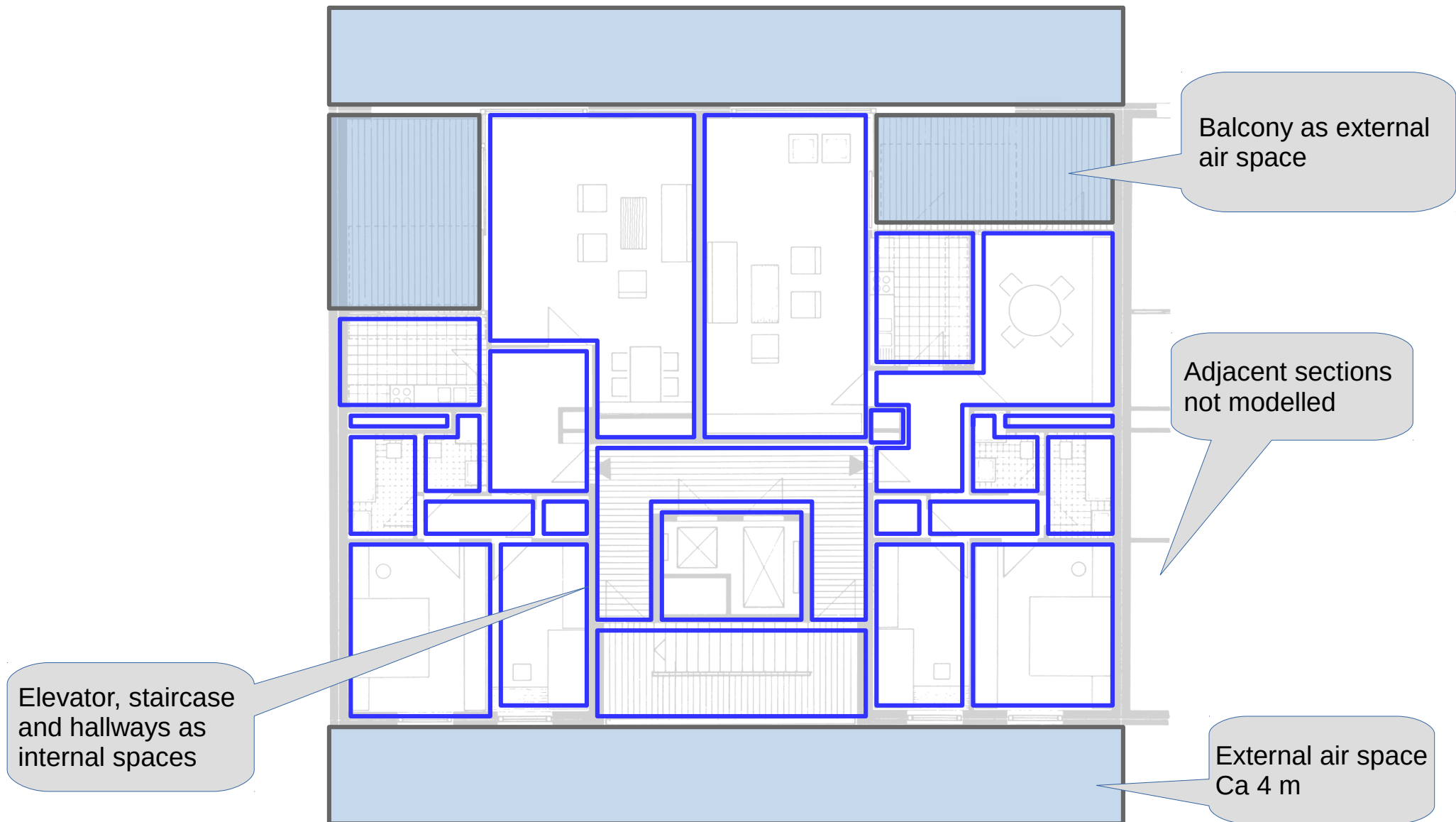
Bldg. A, No. 2, roof story:
Two 3-room apartments.



Bldg. A, No. 5, floors 2-21:
4-, 1½-, and 3-room apartments

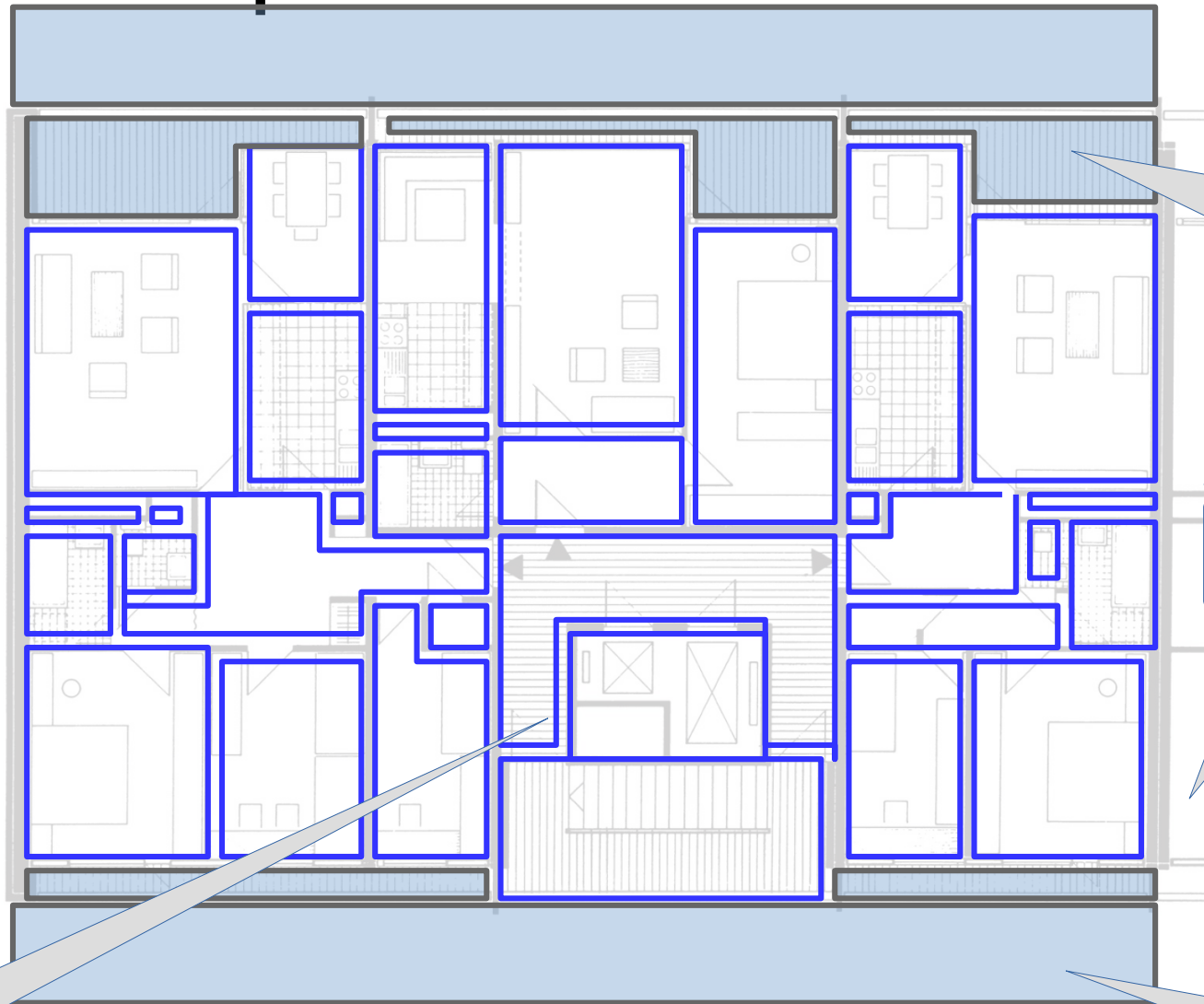
Space model scope

Spaces section A-2



Space model scope

Spaces section A-5



Balconies as external air spaces

Adjacent sections not modelled

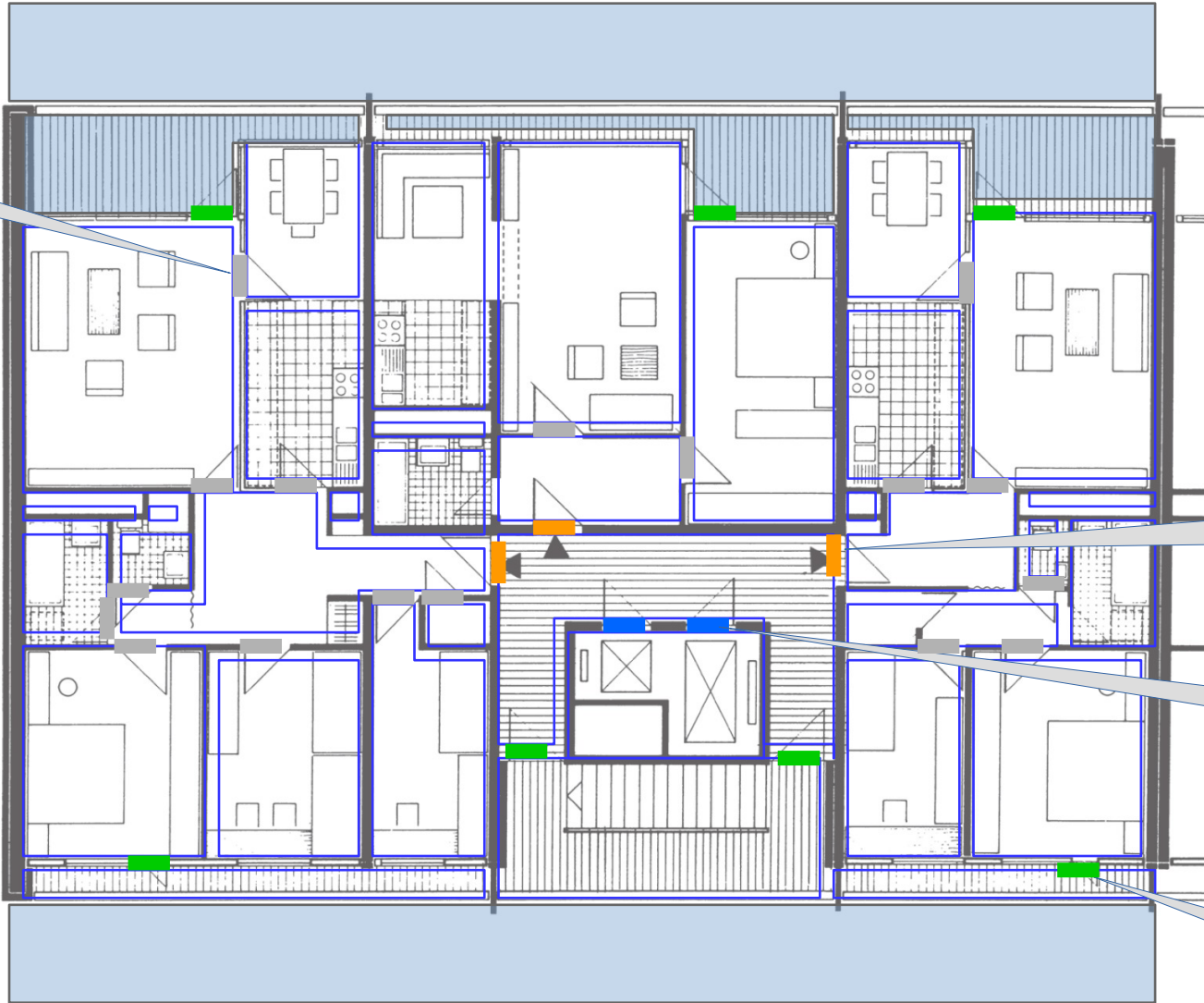
Elevator, staircase and hallways as internal spaces

External air space
Ca 4 m

Space model scope

Doors section A-5

Door



Unit door

Elevator door

Glazed door

No building door in this floor plan