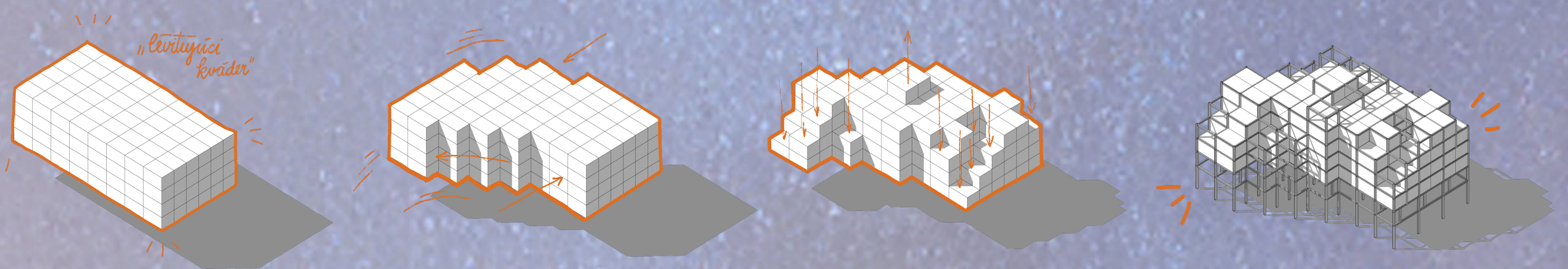


SONAR

MIXED-USE BUILDING ARCHITECTURAL AND URBAN DESIGN STUDY



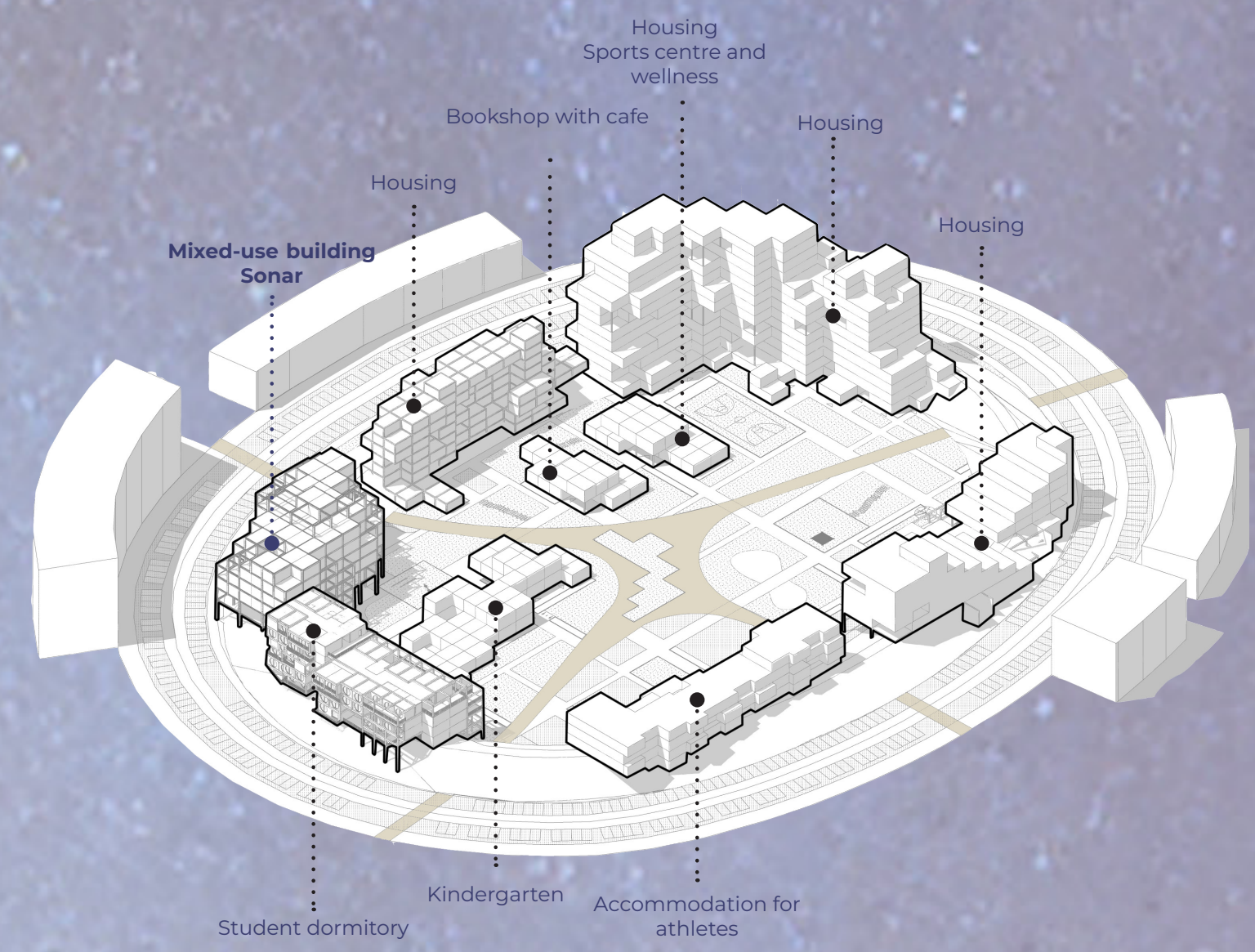
Roof terrace

Walkway on the embankment

Office

The design of the administrative building on the embankment near the Pasienky Stadium is based on a modular principle using a 6 x 4 metre grid, which allows for a flexible arrangement of interior spaces as well as the shaping of the building's mass. The original idea of a simple volume was developed by extending and recessing modules that follow the curve of the embankment, creating a sculpted mass with balconies, terraces, and overhangs oriented towards the greenery, enriching mainly the administrative part of the building.

The lower floors contain a cultural centre with an oval glazed volume that contrasts with the angular administrative structure above it. The steel structure is placed on this volume and is partially embedded into the slope, while the horizontal floor plates define the individual levels as well as the exterior overhangs. The façade combines large-format glazing with solid walls in a unified corten-coloured finish, and the load-bearing steel system with a central rigid column ensures stability and transfers loads into the foundations.



Housing
Sports centre and wellness
Bookshop with cafe
Housing
Mixed-use building Sonar
Student dormitory
Kindergarten
Accommodation for athletes



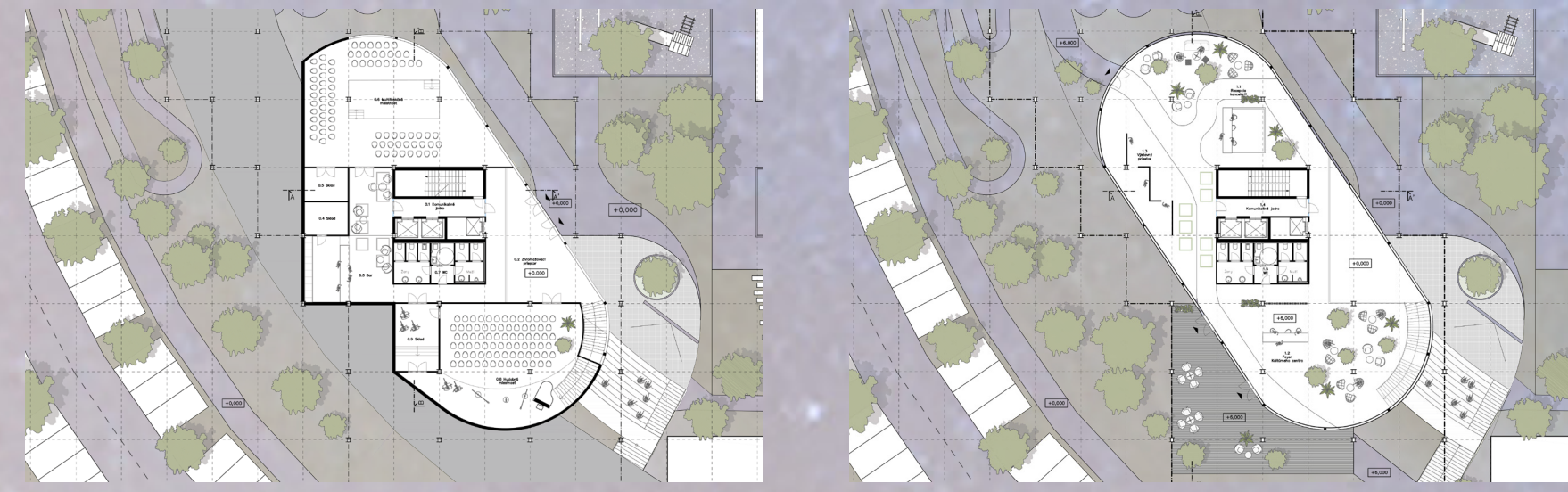
view from inside the embankment



Entrance to the cultural centre



Balconies and terraces

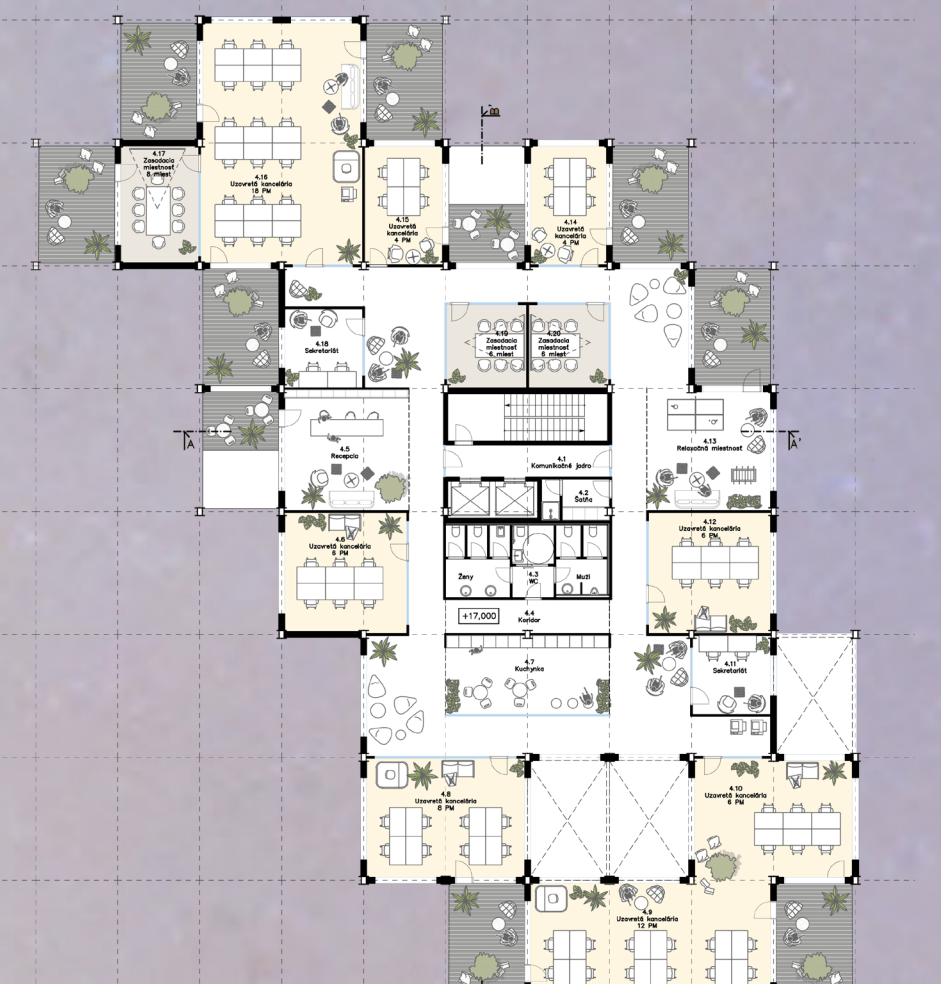


1st underground floor

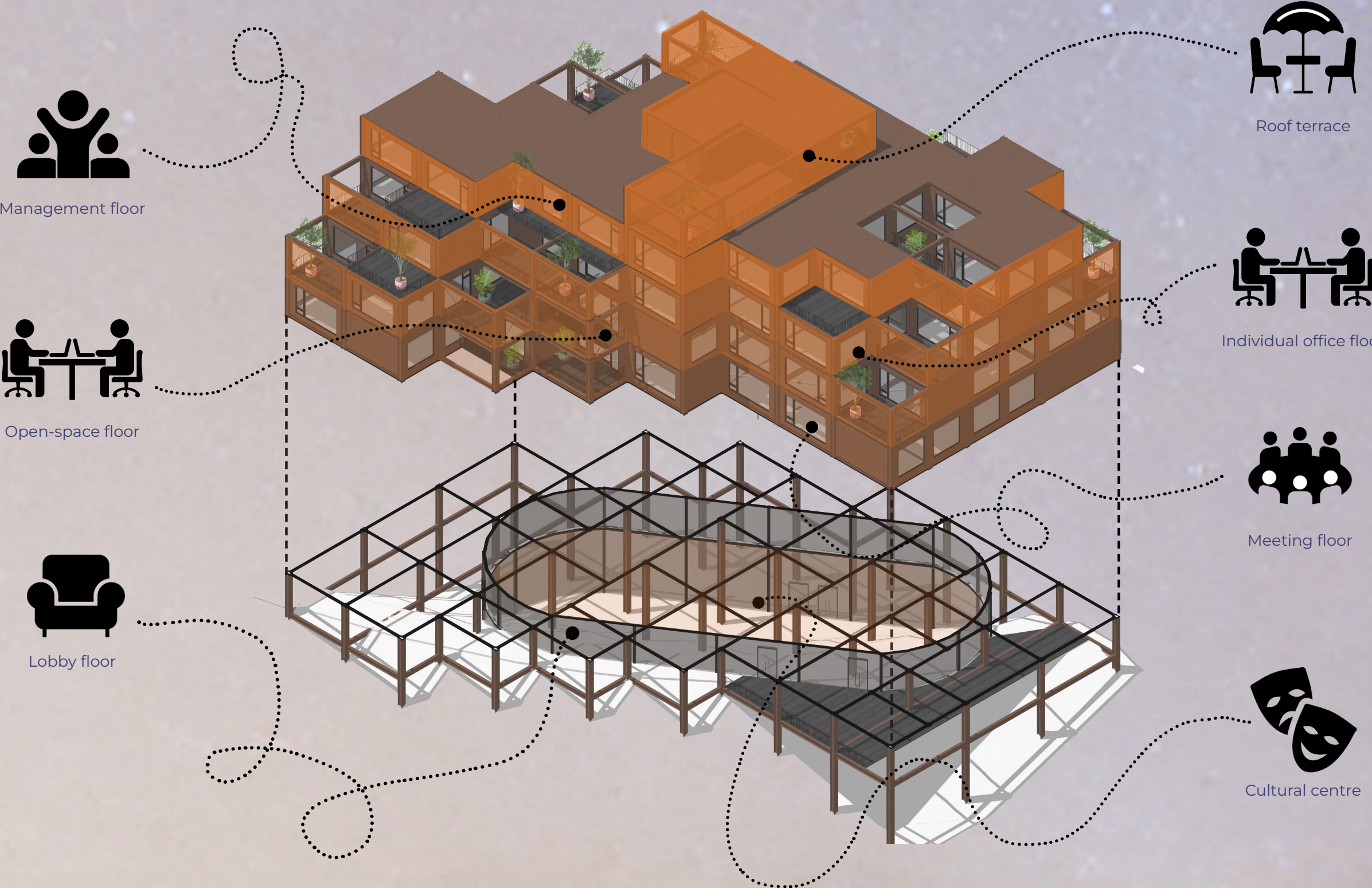
1st above-ground floor



3rd above-ground floor



4th above-ground floor



Management floor



Open-space floor



Lobby floor



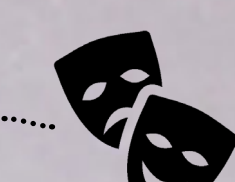
Roof terrace



Individual office floor



Meeting floor



Cultural centre

