

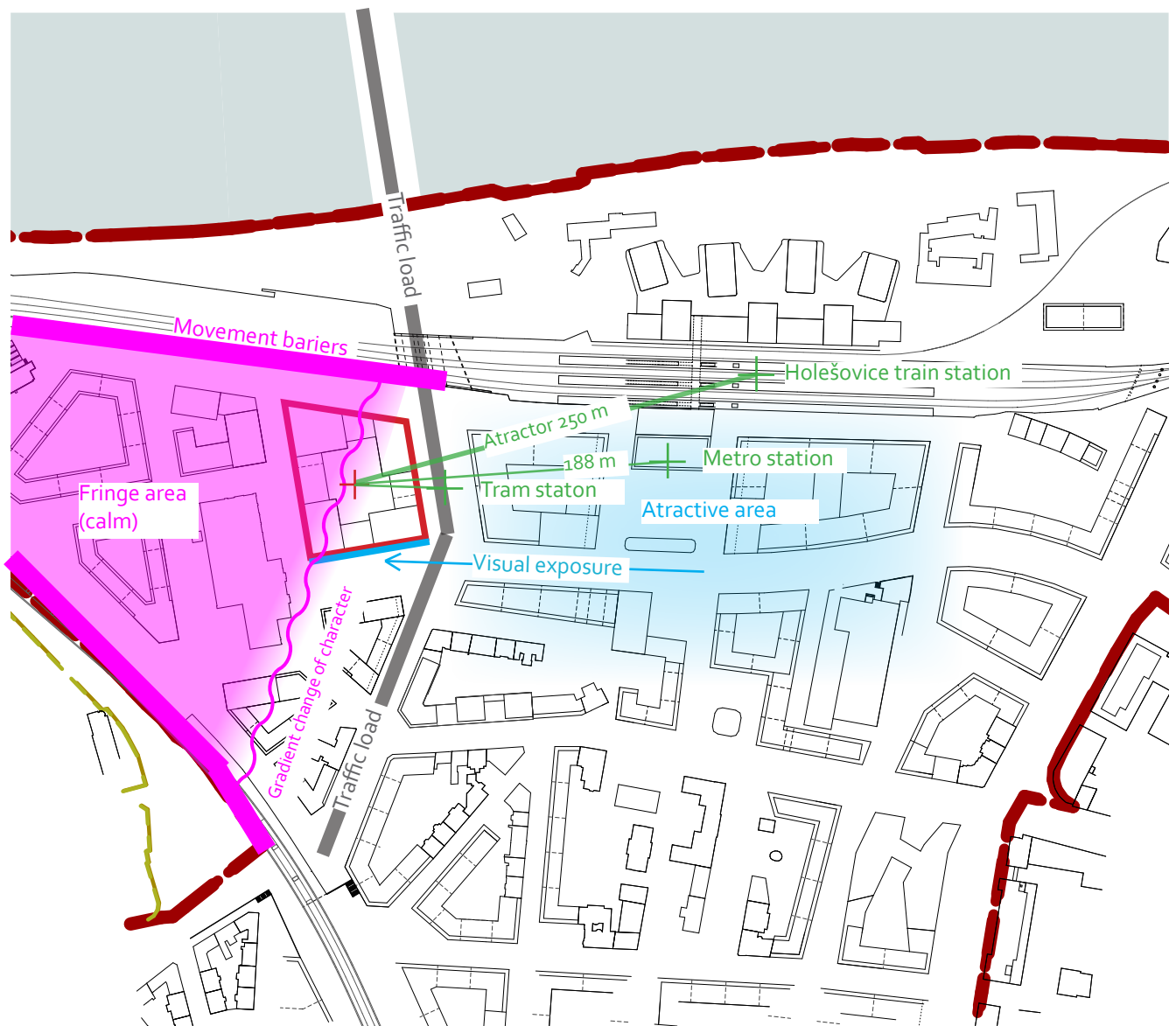
EXTENDED URBAN BLOCK

Atelier Achten-Pavlíček-Sýsová
winter semester 2022-2023

Funscraper

Bc. Jonáš Jakůbek

SITE ANALYSIS 1 : 4 000

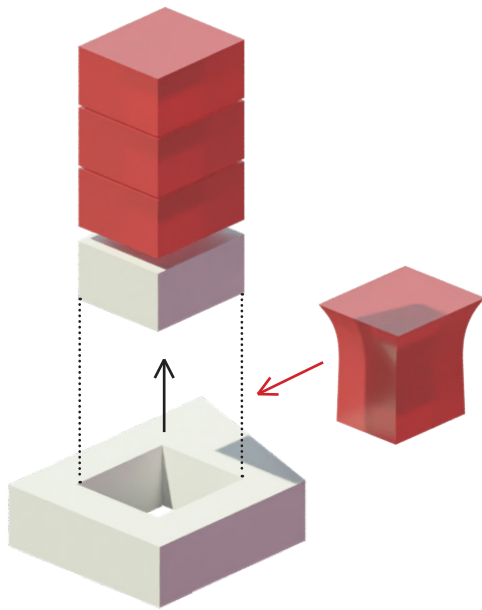


The new urbanism of Holešovice will create highly attractive and booming district. Holešovice will become the new startingpoint for trains goint to Prague airport. The area around Holešovice train station is acting as an atractor node in the emerging development. The presence of Metro station and tram station is adding to the effect. This creates oppurtunity for the blocks in neiborhood to stress the density of use. There is strong shtough movement of people and trafic on the Partizánská street, making it interesting for amenity use. The street to the south of the block has a special character as it is highly visually exposed, as well as partly reverted from the main street's rush.

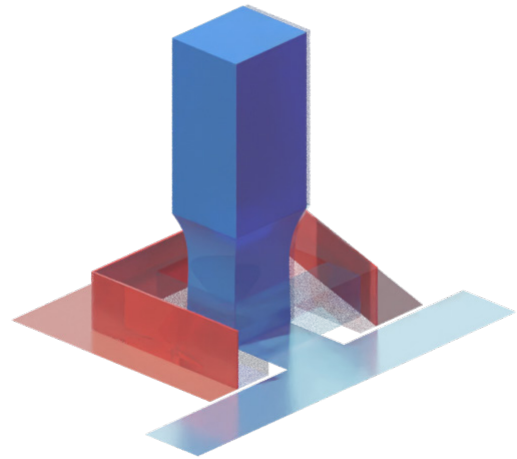
On the other hand there is narrowing triangle of tracks separating the nebborhood from the surroundings and thus creating the edge efeect. It is to be expected for the blocks in this fringe belt to pose less oppurtunity for amenities as people will not pas through this area very often.

The block is situated on an edge area where two urban characters meet. The overall exposure is heavily one sided.

CONCEPT



To utilize the plot to its highest density of use, the design proposes a vertical extension of a traditional block. The proposed design consists of a traditional urban block and a tower in place of the inner courtyard. This positioning provides normal functioning of the block in the urban tissue, while adding extra volume. The street height is preserved, but the overall volume is more than two fold higher to original proposition.



While the the main street from the east is highly loaded by attention and traffic (blue), the west is relatively calm (red).

The tower has its entries oriented to the source of attention to east. This provides direct acces from the tram station and creates oppurtunity for highly efficient office spaces in the tower. The outside life poses no disruption to workers at the height of the tower.

This leaves the side and back street facades for residential and amenity use. Theese programs benefit from street acces, so they are left near street level with individual entries. The entries and windows situated to the street create a well socially controlled habitable environment.

Materials

The main entrance will be made in fully transparent glass curtain walls, behind witch a steel truss will be visible. For the block, standard plaster facades of various colors and textures will be assigned to distinguish between the individual houses and their unique functions. The theater's facades will be left in concrete for the cores and with visible bearing trusses where they are needed. Tower body will have fully glazed facade with aluminium divisions in square grids. All windows will have an atomatic outside shading blinds installed. To grant light to the inner oriented facades, the base of the tower will be claddd with reflective metal sheets.

PROGRAM

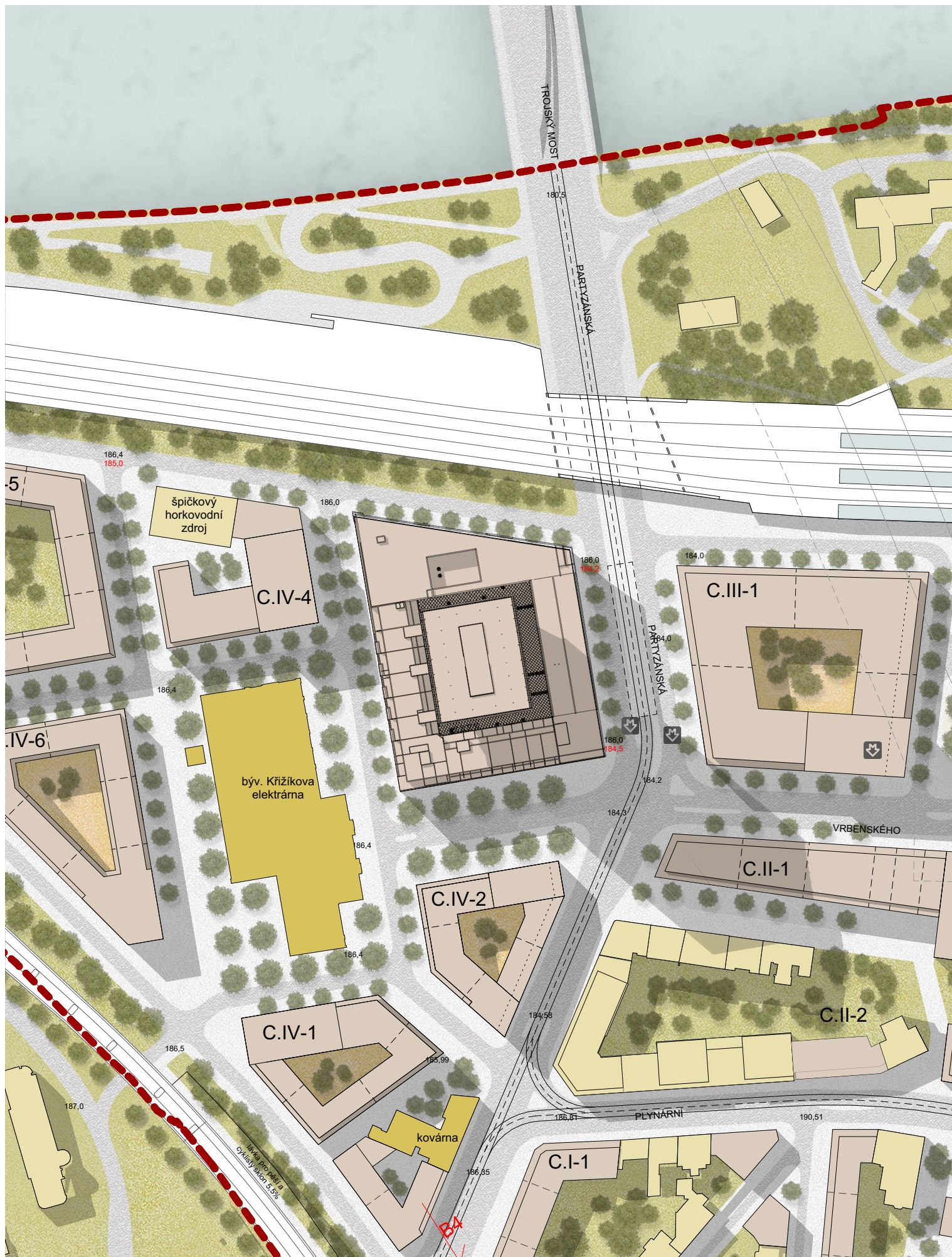
The skyscraper hosts mainly offices. The bulk of the office area is situated in the body of the tower high away from street level. Office is accesible directly form main street through a generous entrance. Volumes easily accesible from street are left for more diverse use. The perimeter of the block offers living spaces oriented to calmer backstreet. There is a 7 storey hotel in southern street as well as a office house to host more publicly visited offices. Oriented to north there is theather building with lots of free areas on top floors. Those will be used for the thether administration, reharsals, warehouses, etc. For large conference meetings and exhibitions there is large open space situated above the entrance to the office.



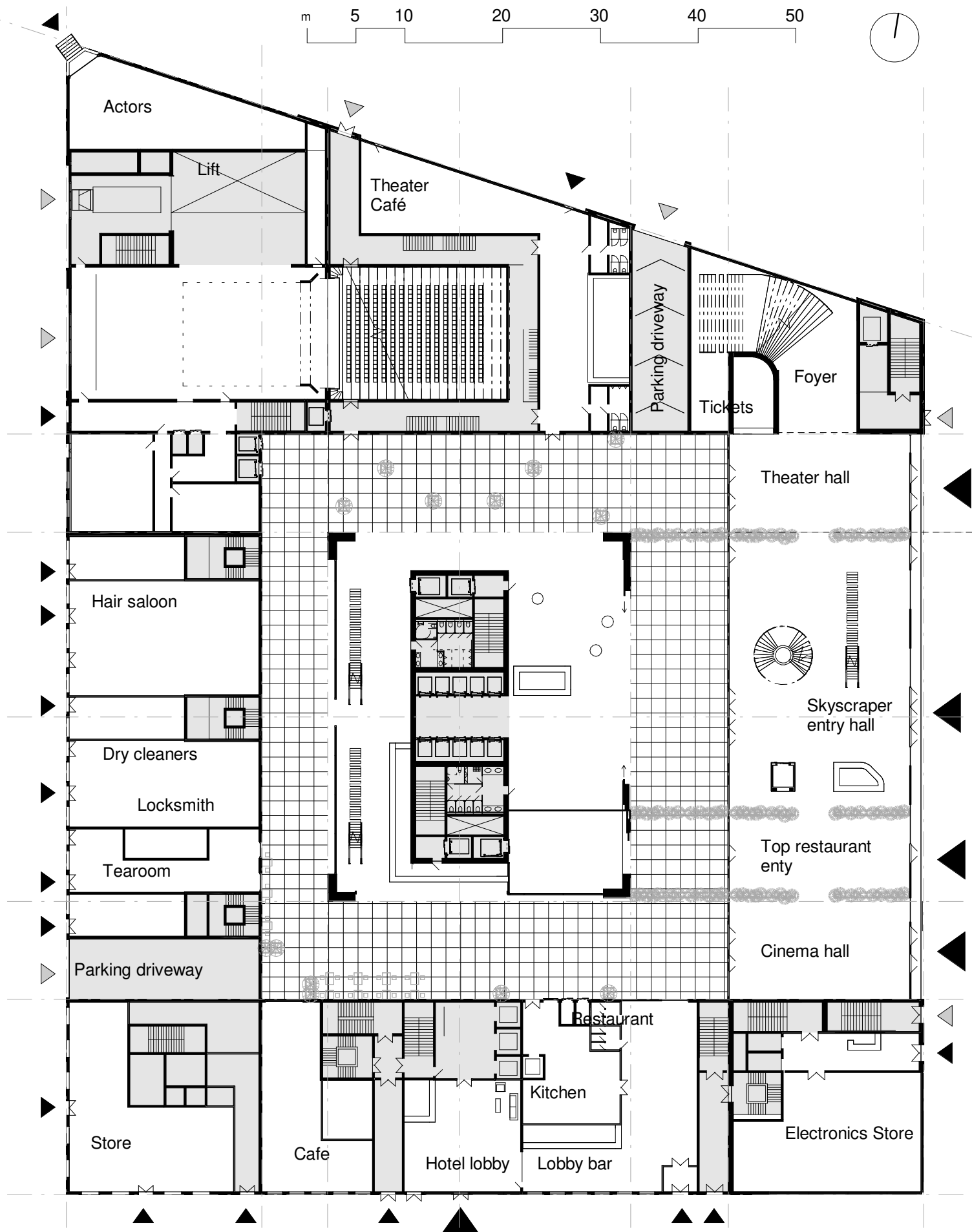
Functions / Areas

Office	41 319 m ²
Housing	10 509 m ²
Amenities	6 073 m ²
Cinema	9 111 m ²
Theather	19 525 m ²
Conference / exhibition space	5 408 m ²
Hotel	4 589 m ²
Technical	10 882 m ²
Parking	39545 m ²
Total	108 708 m ²

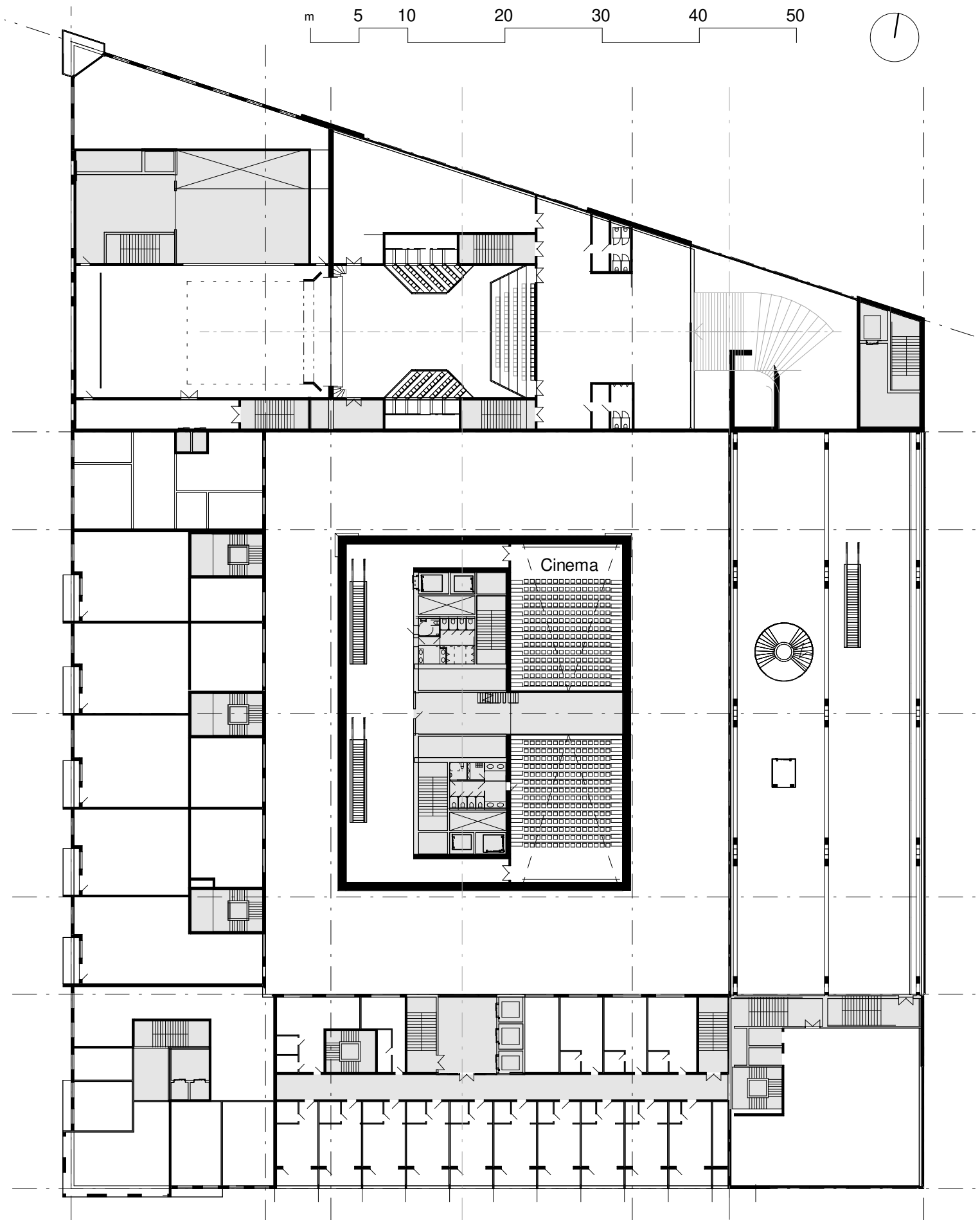
SITE 1 : 2 000



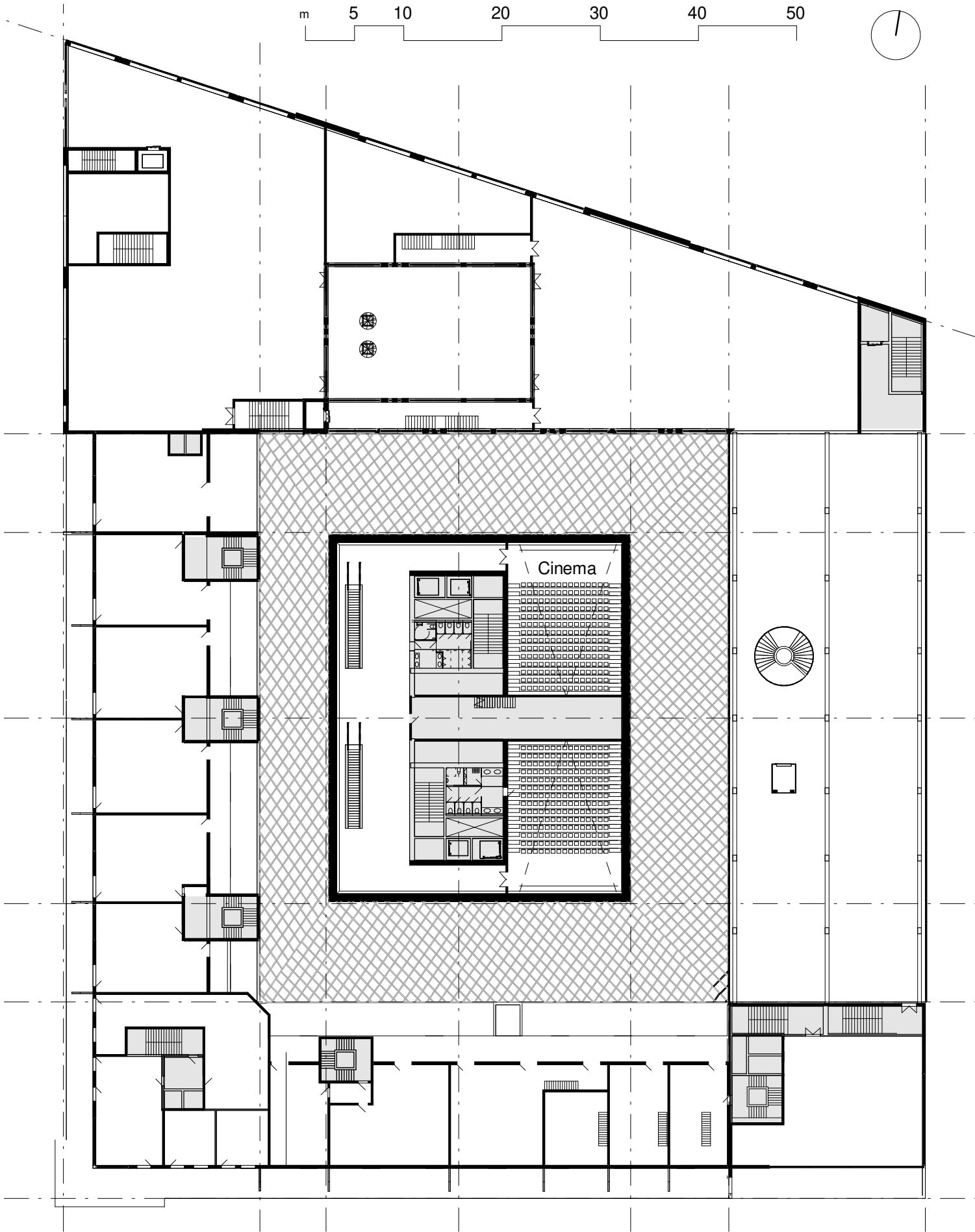
GROUND FLOOR 1 : 500



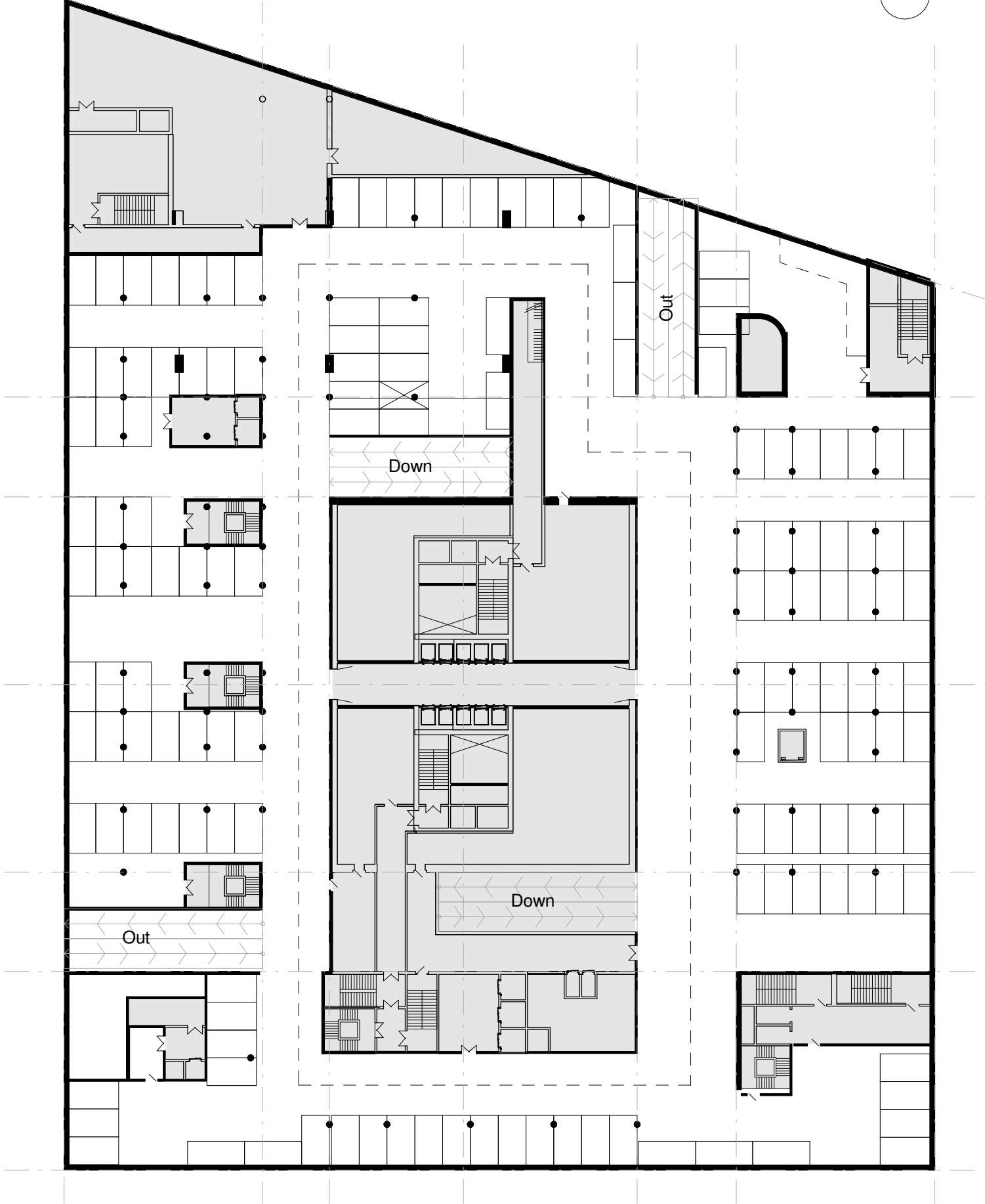
2. FLOOR / TYPICAL BLOCK FLOOR 1 : 500



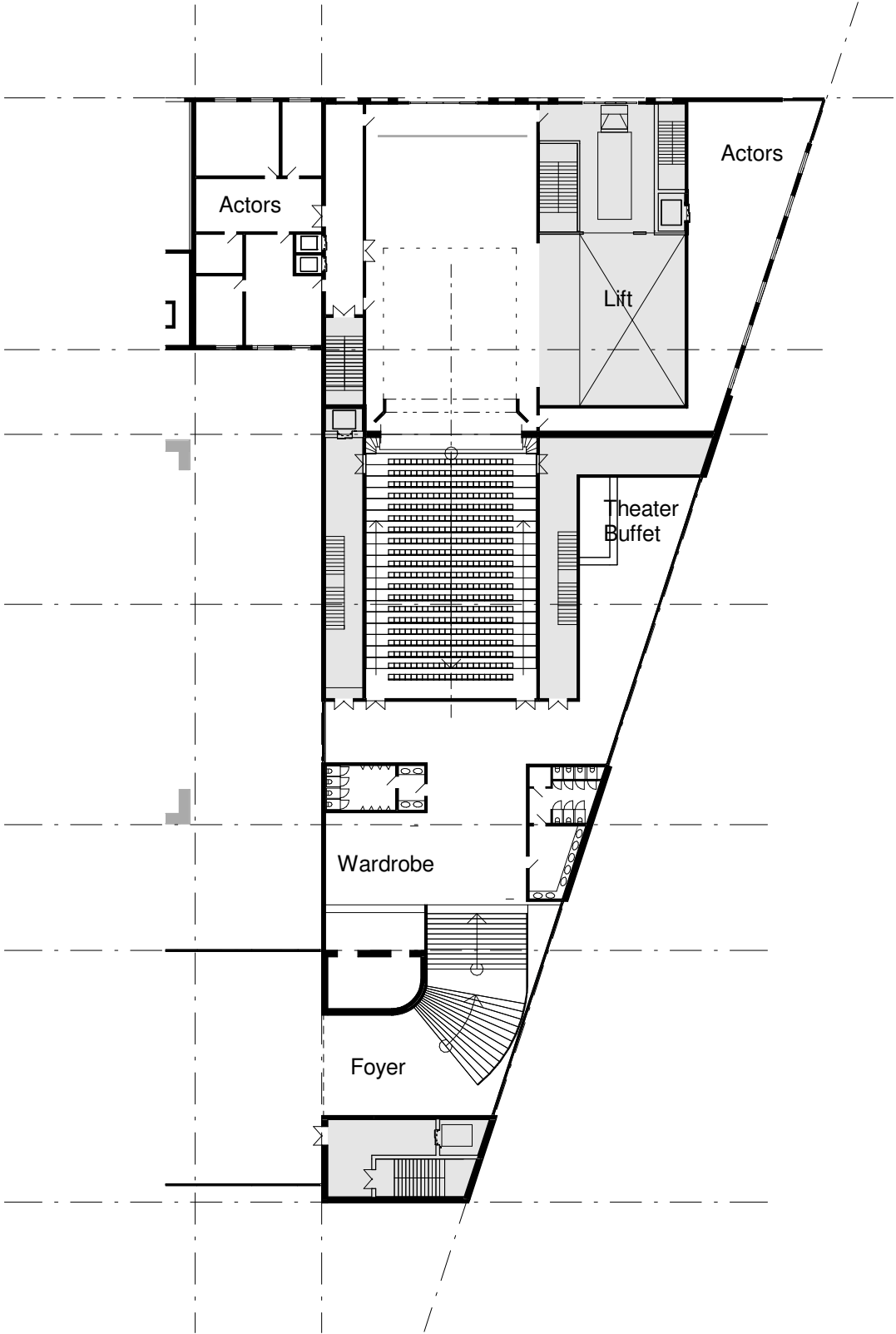
8. FLOOR / TOP BLOCK FLOOR 1 : 500



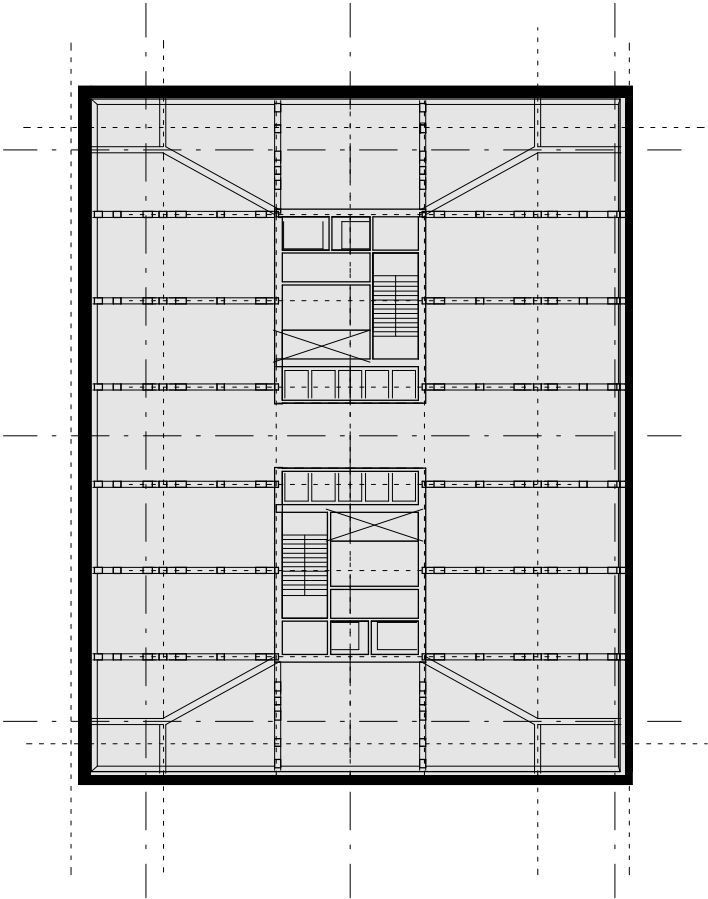
-1. FLOOR / PARKING 1 : 500



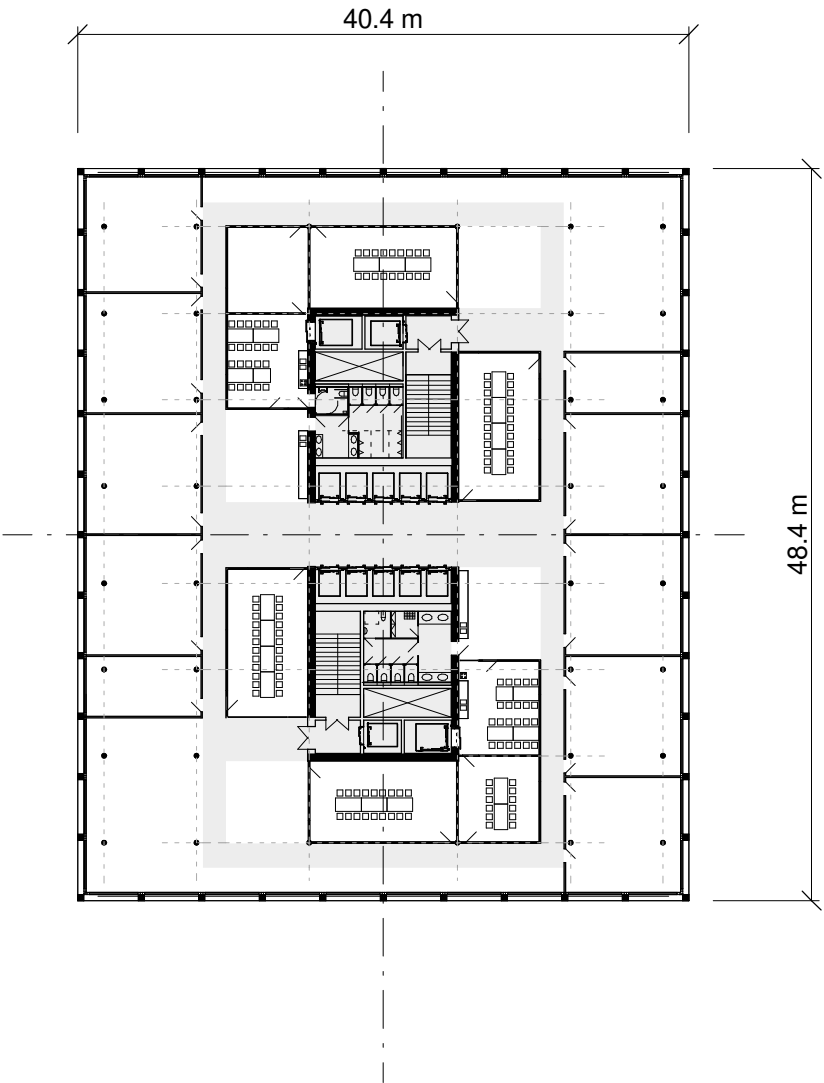
1. FLOOR / THEATHER 1 : 500



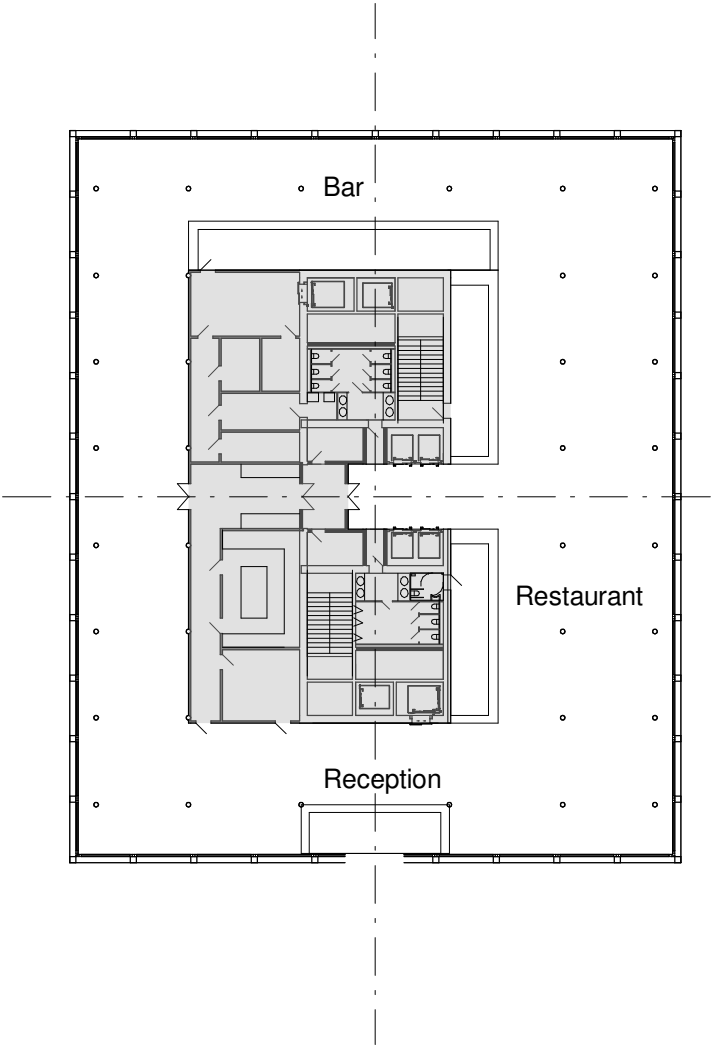
12. FLOOR - TECHNICAL AND STRUCTURAL FLOOR 1 : 500



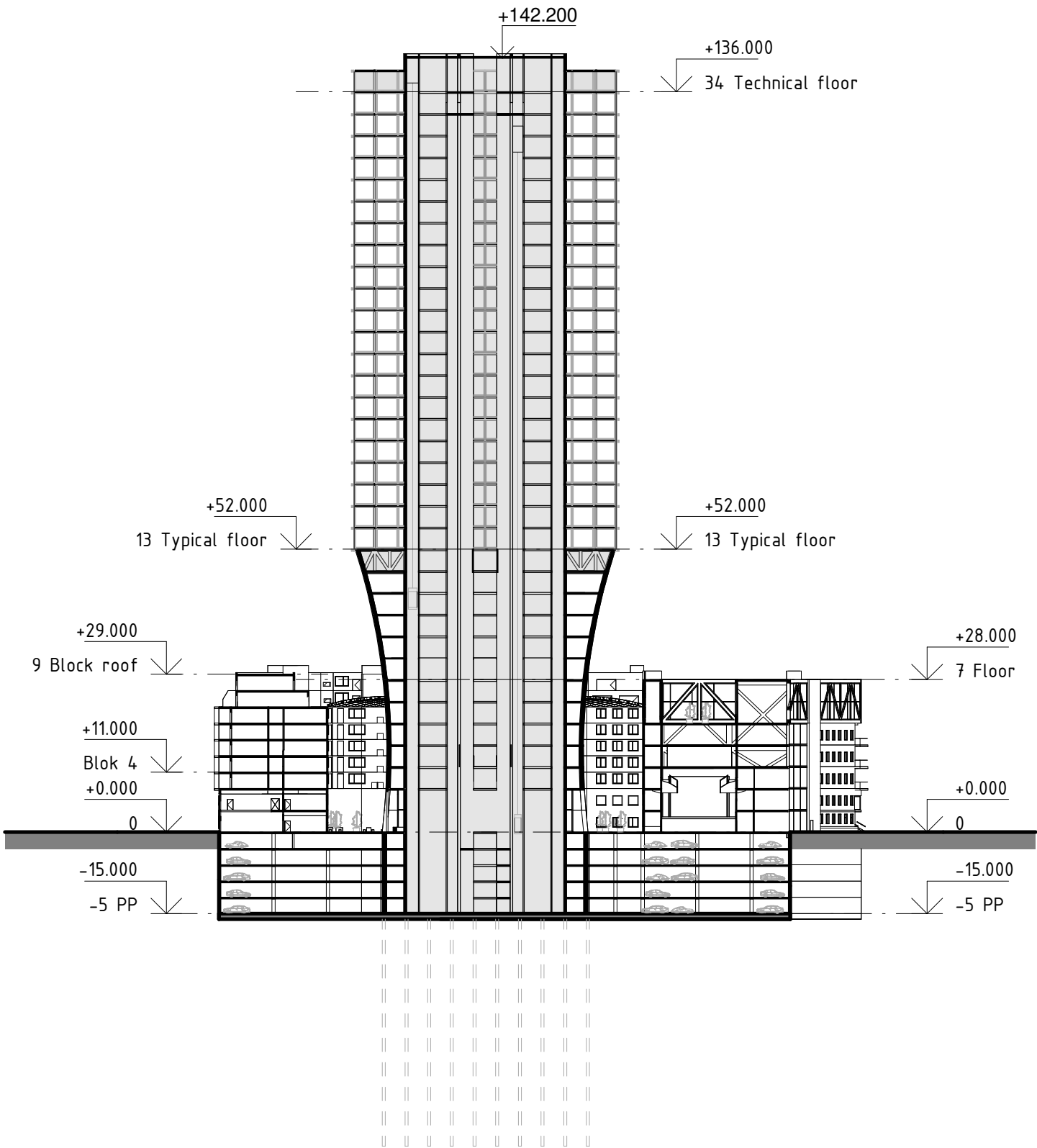
13. FLOOR - TYPICAL TOWER FLOOR 1 : 500



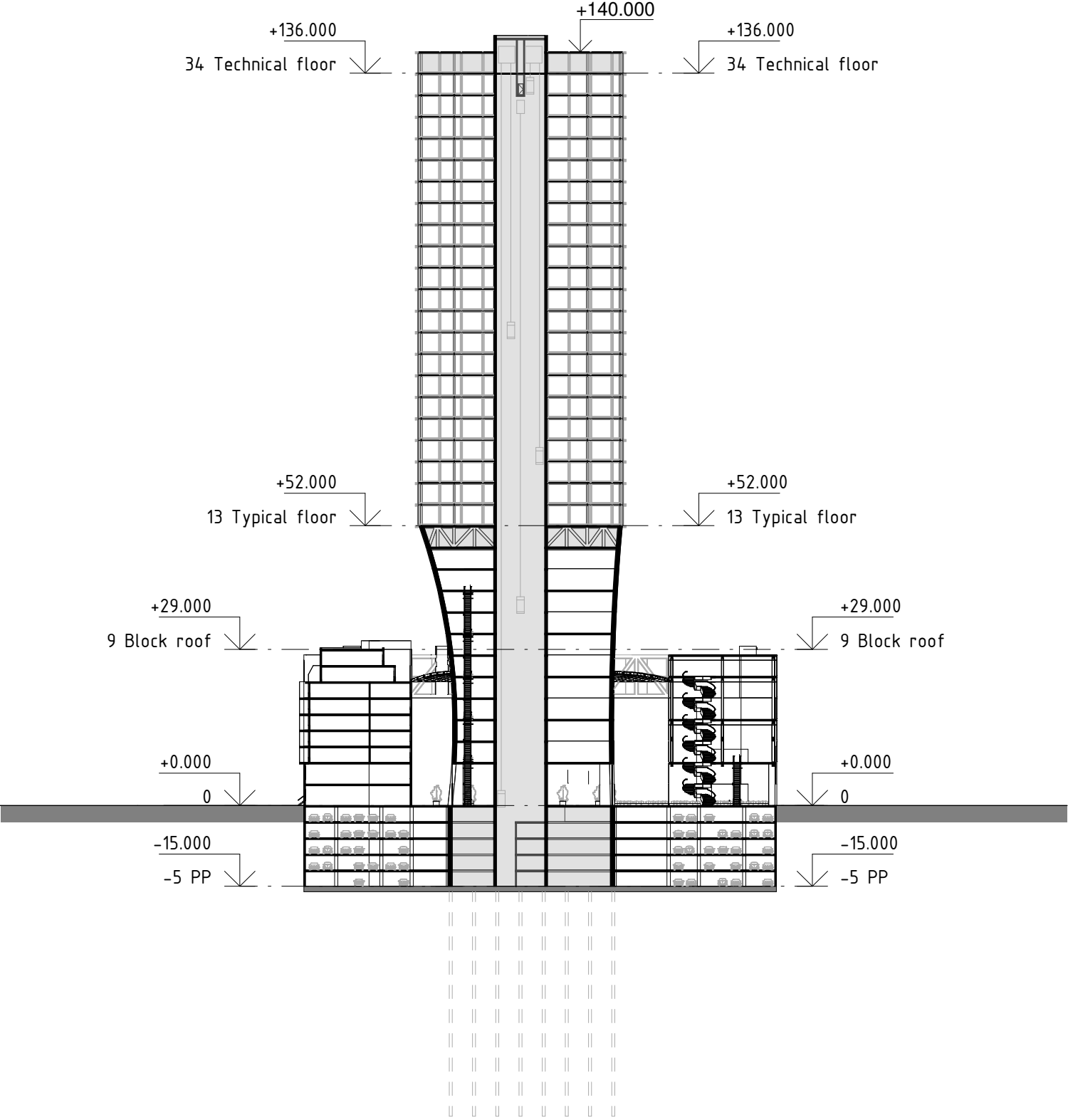
33. FLOOR / TOP FLOOR RESTAURANT 1 : 500



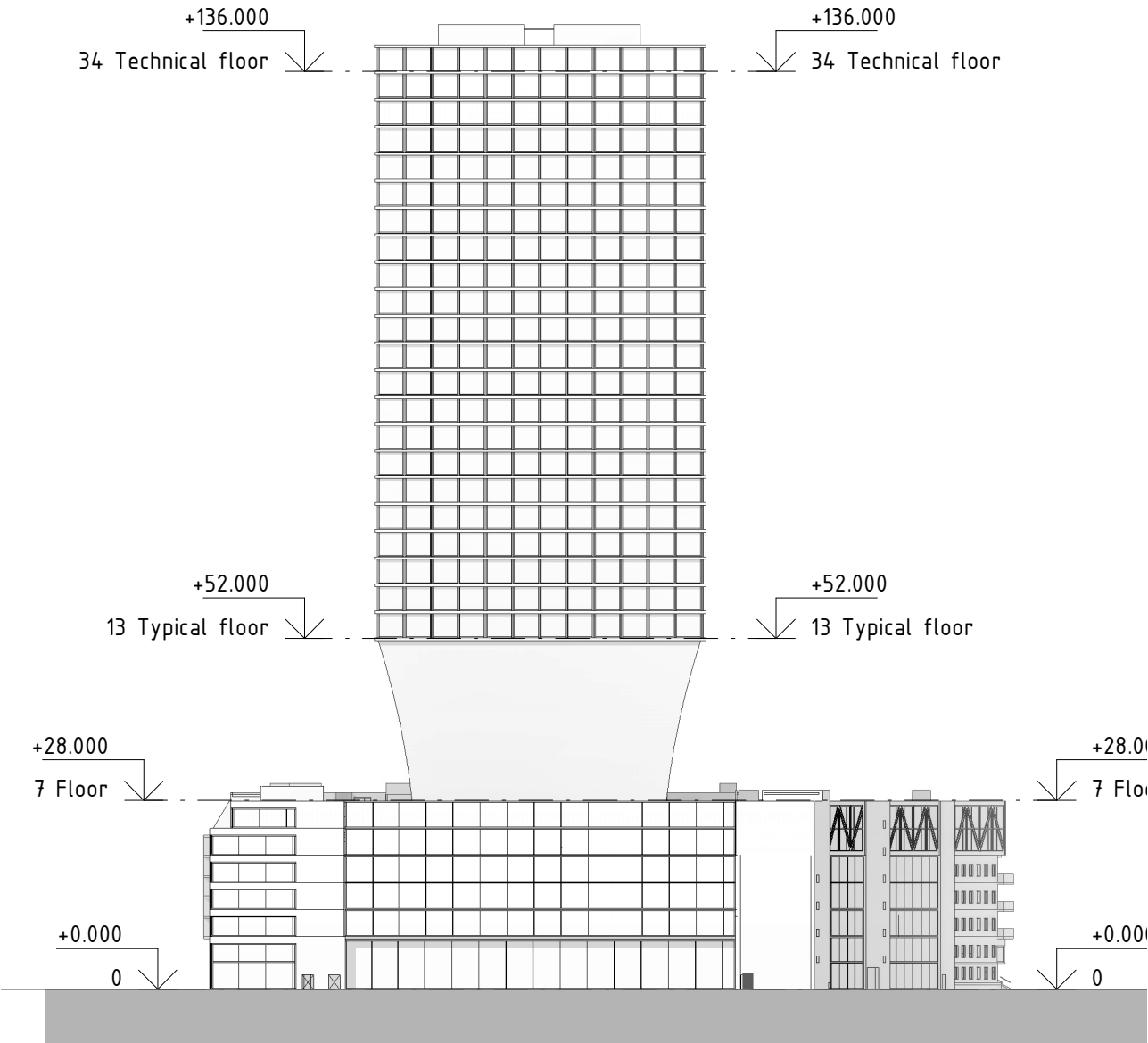
EAST SECTION 1 : 1 000



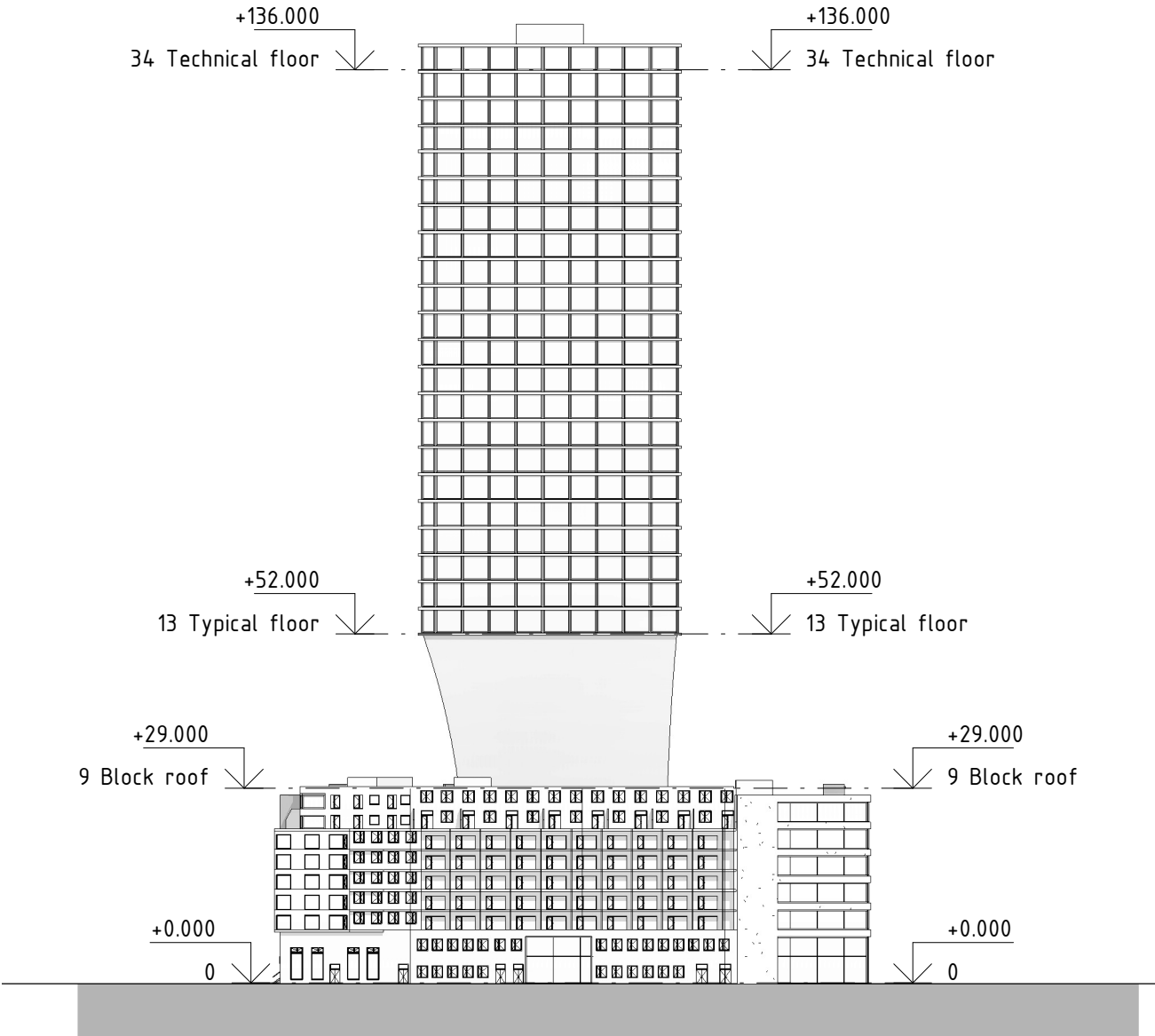
SOUTH SECTION 1 : 1 000



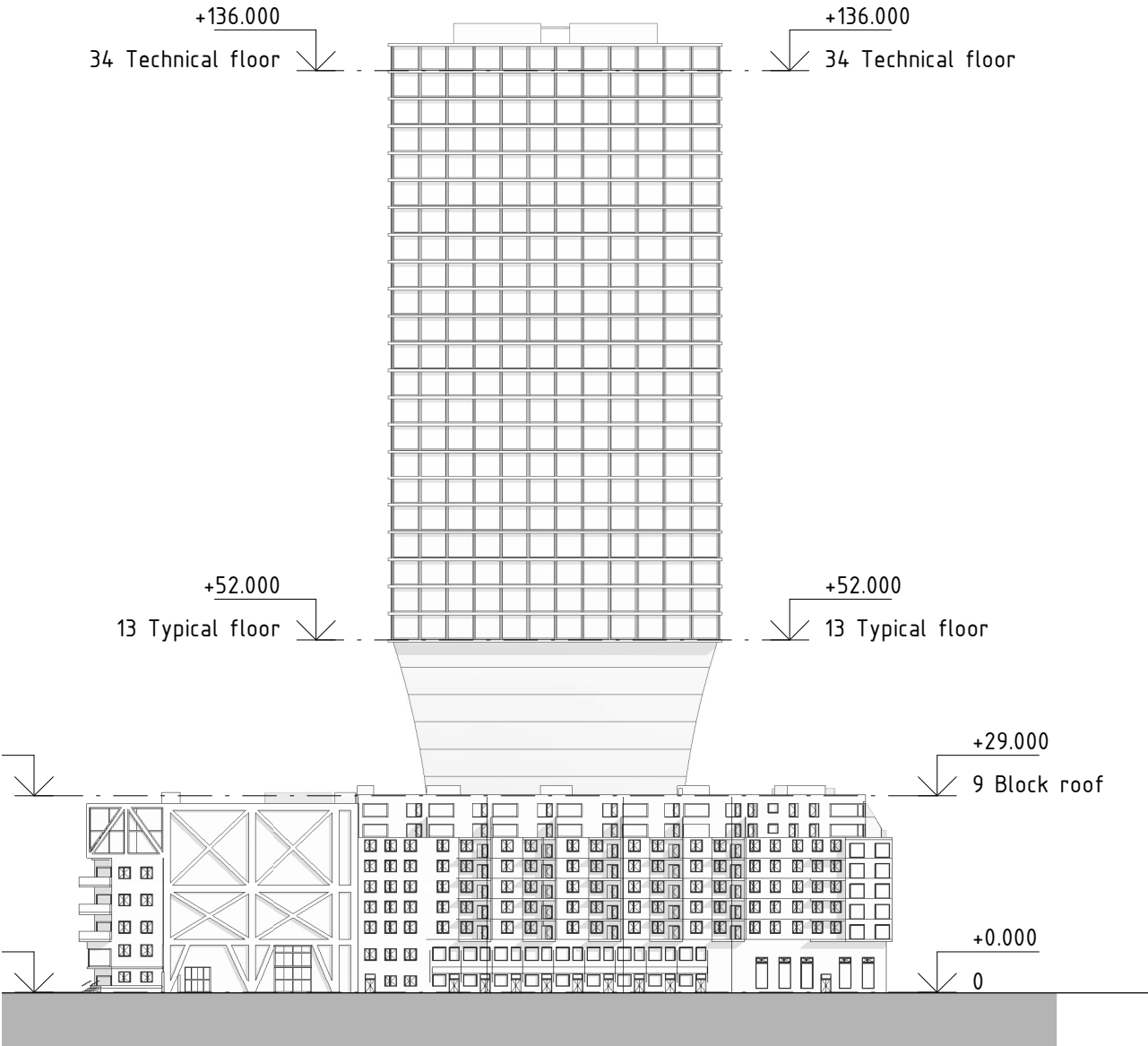
EAST ELEVATION 1 : 1 000



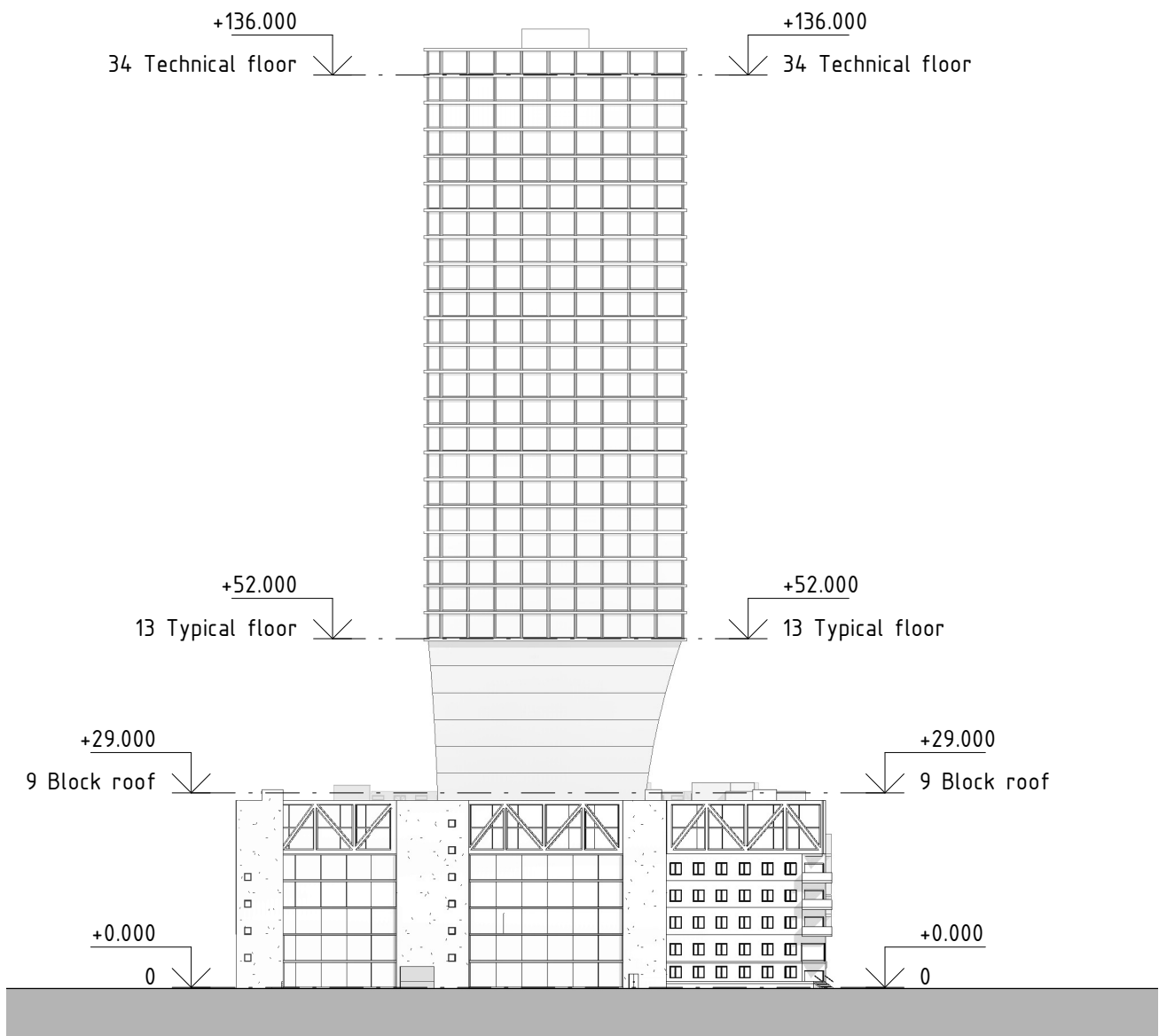
SOUTH ELEVATION 1 : 1 000



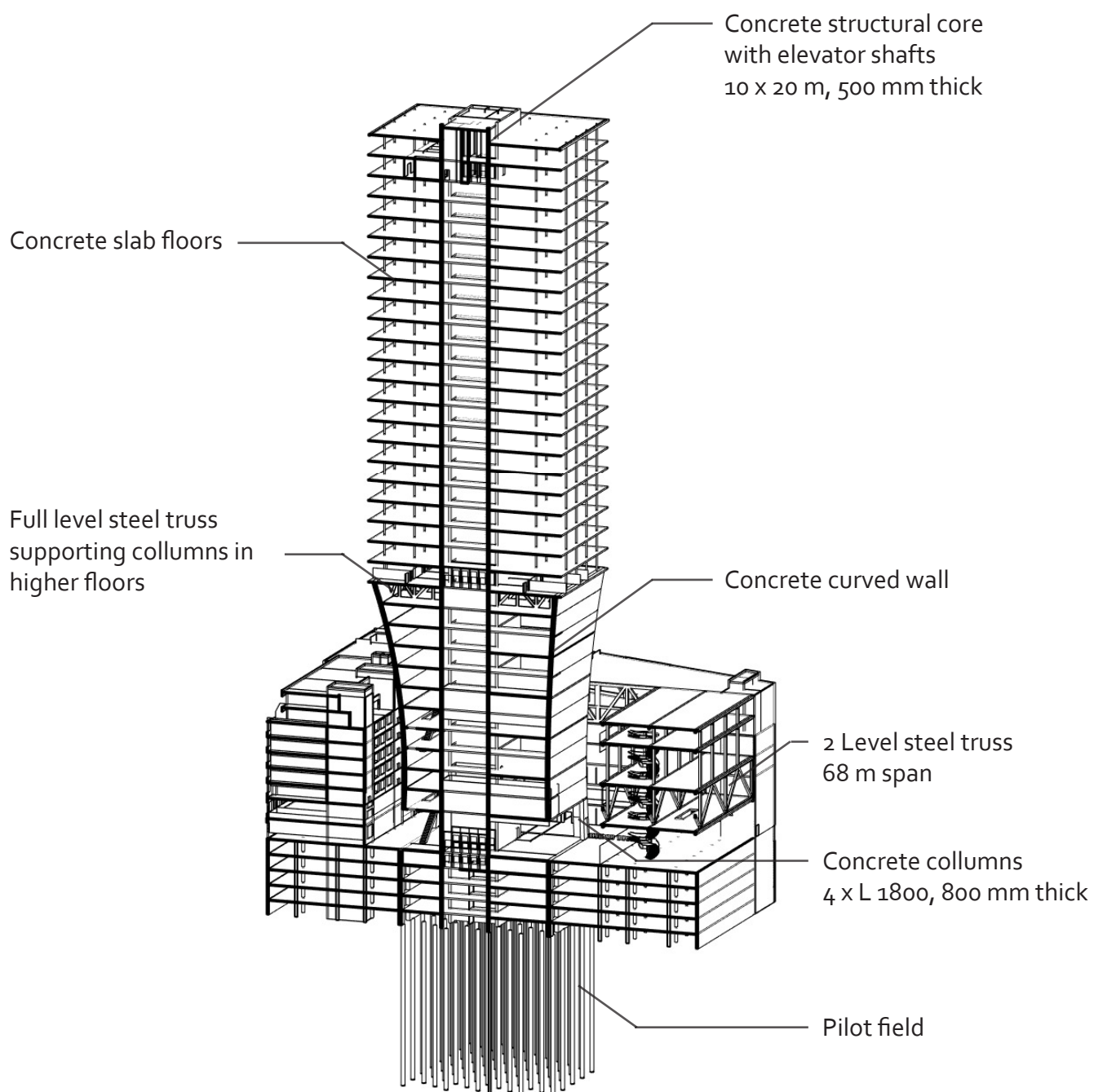
WEST ELEVATION 1 : 1 000



NORTH ELEVATION 1 : 1 000



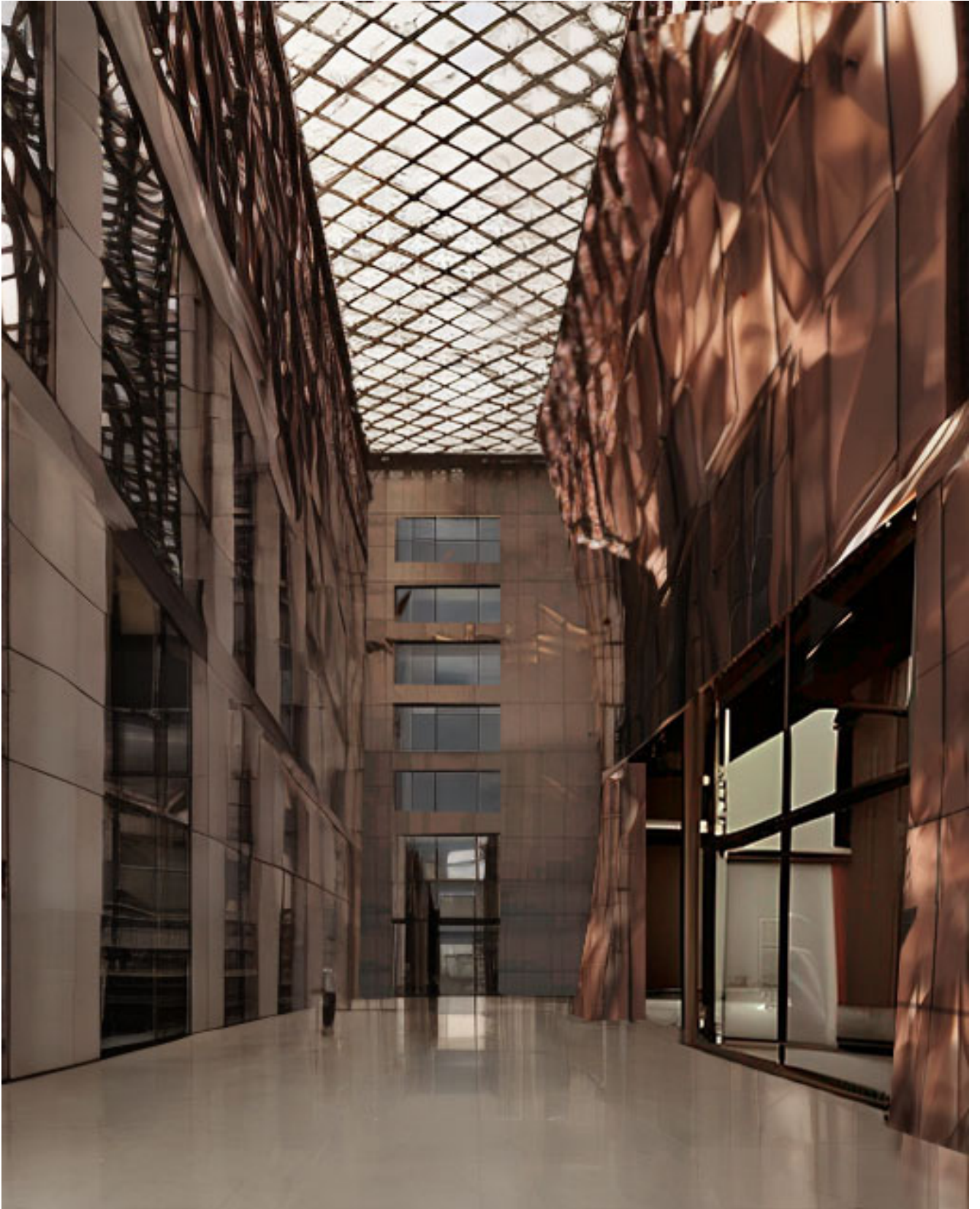
STRUCTURAL SCHEME 1 : 1 000



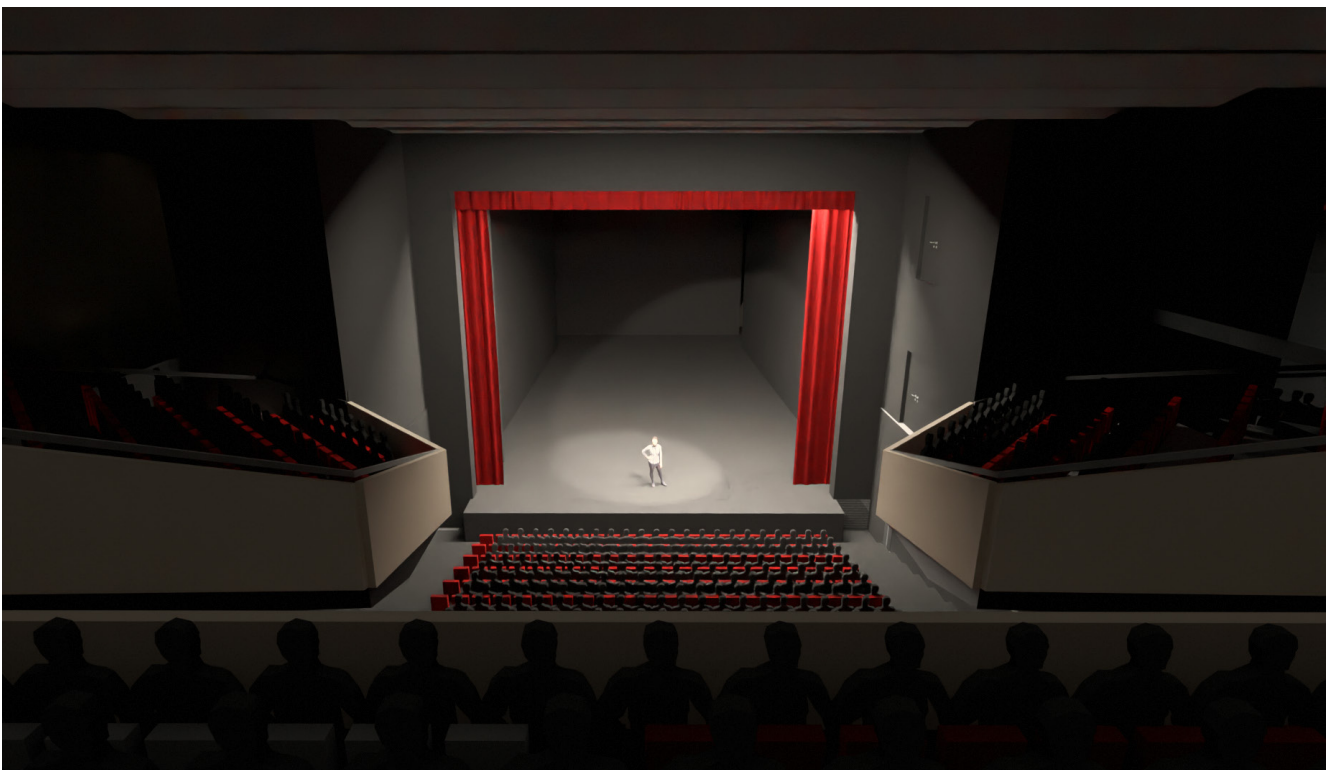
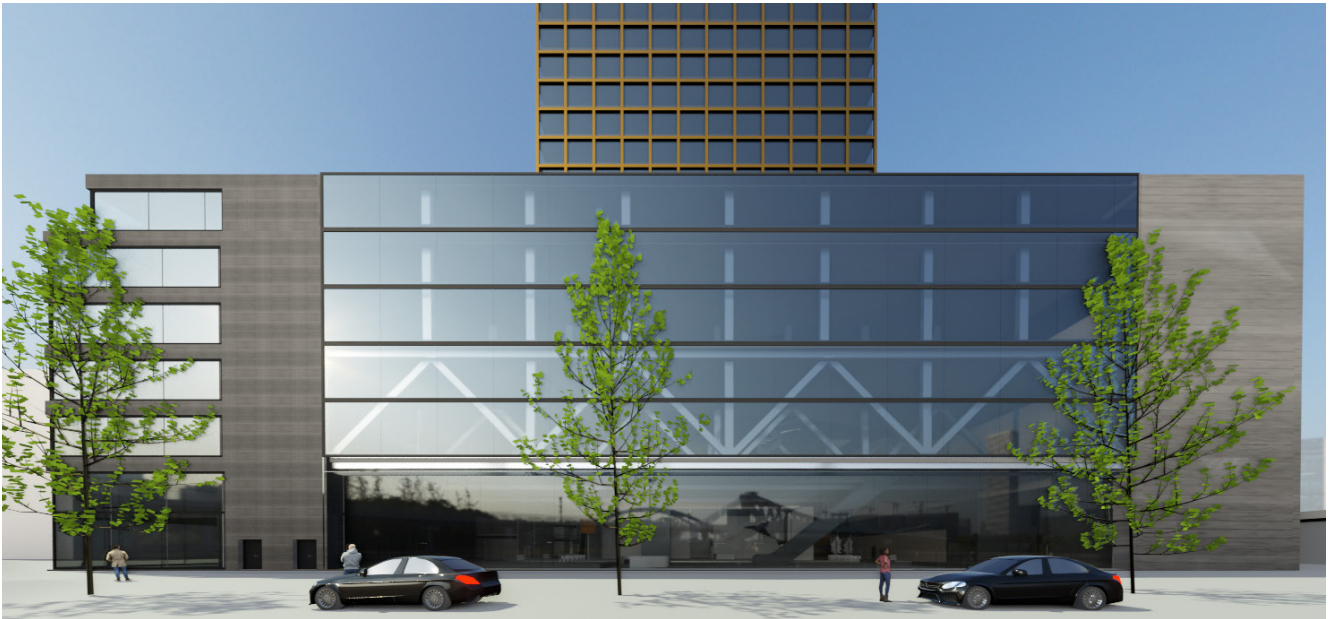
AXONOMETRY



ATRIUM INTERIOR



ENTRANCE FACADE / THEATER BALCONY



STREET VIEW

