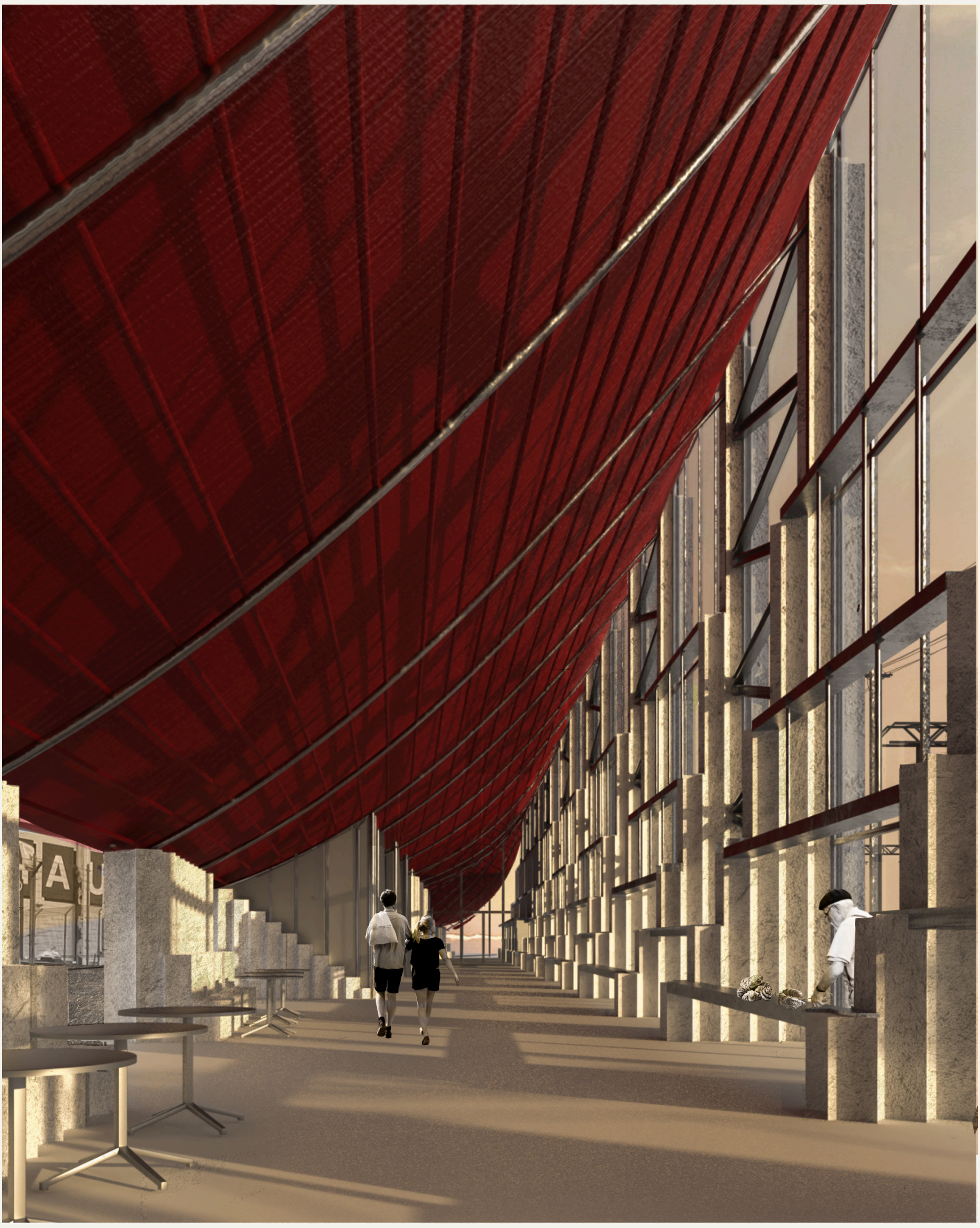
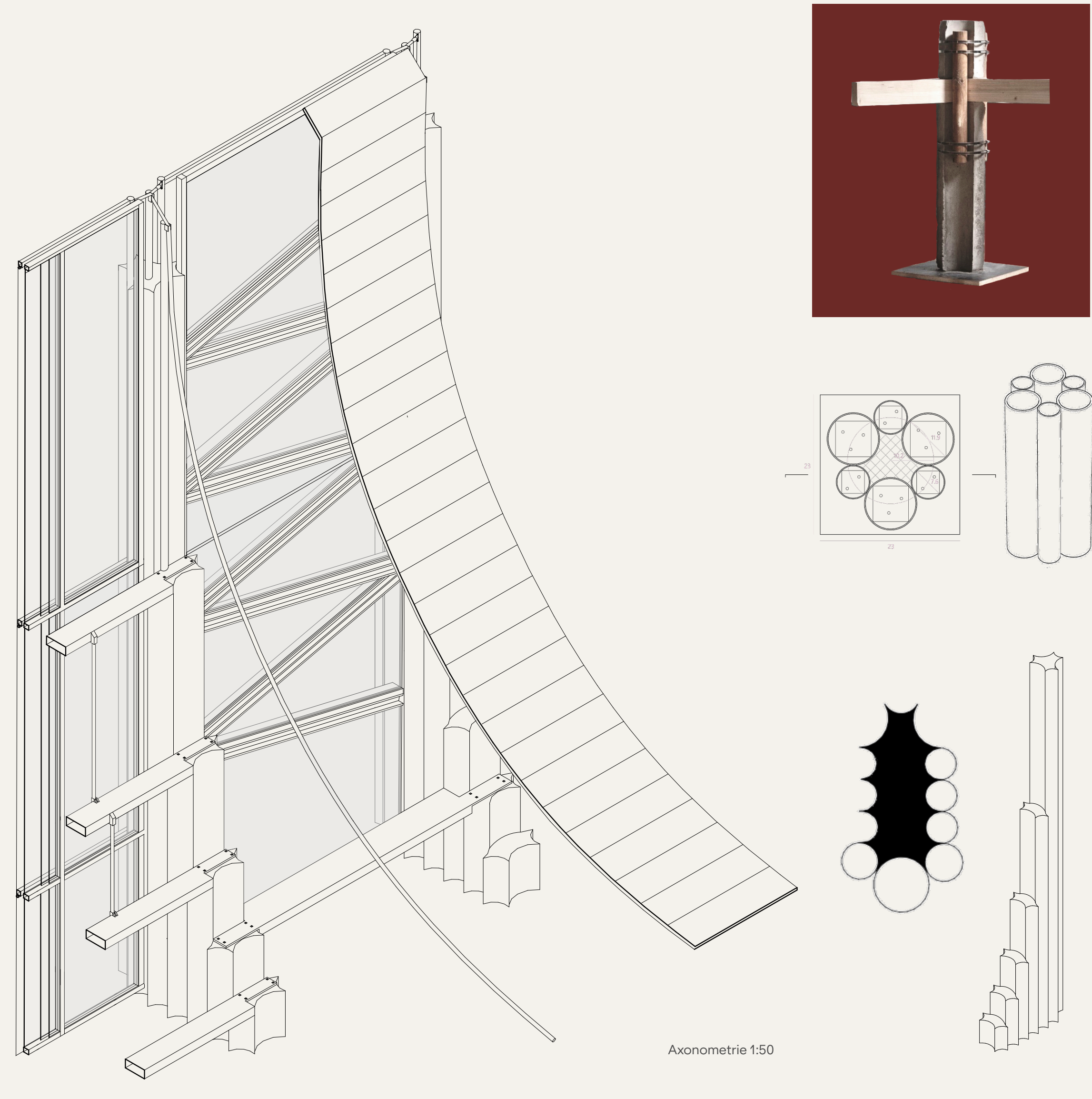
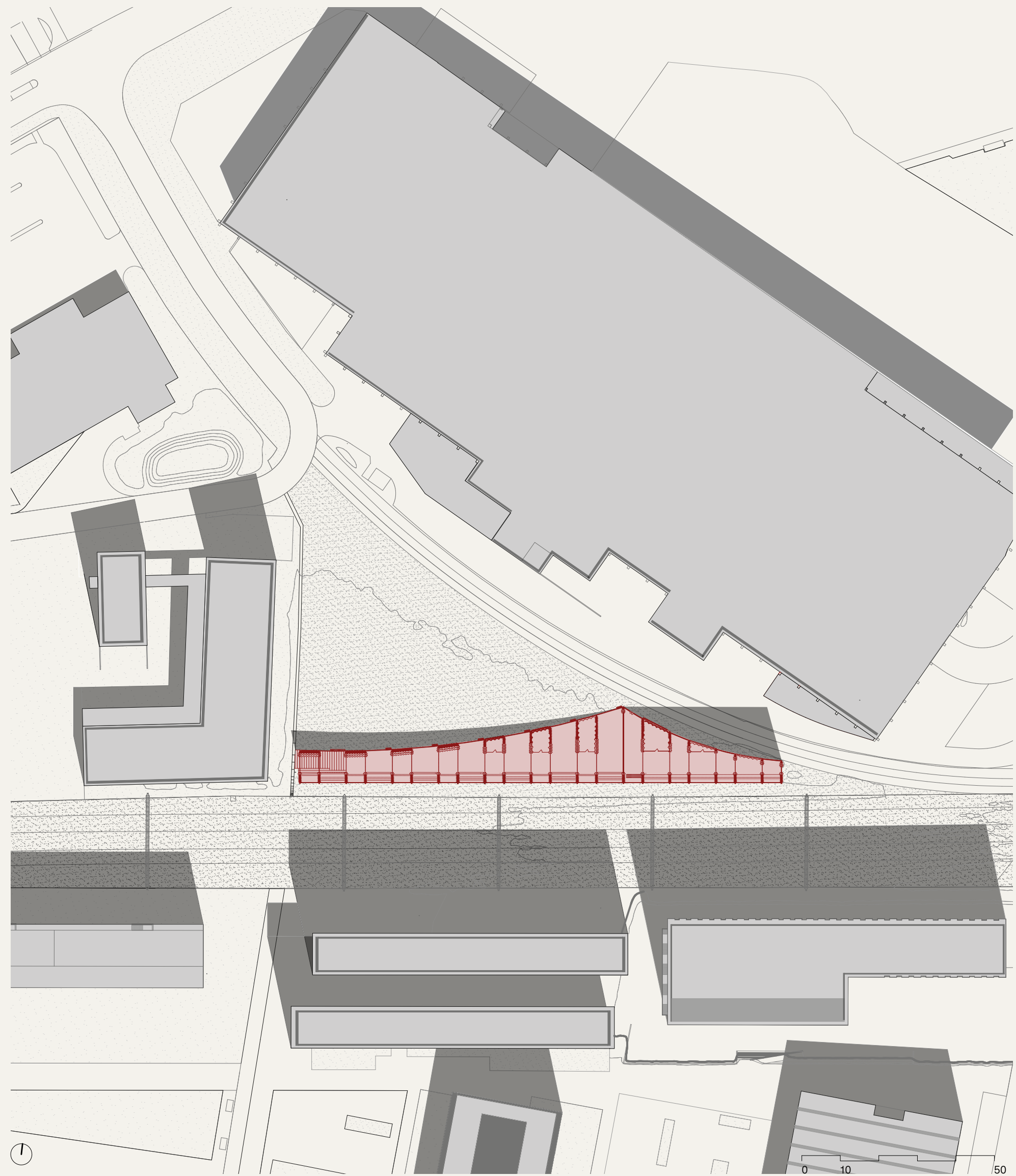


Hanging Between Contrasts
A Structure That Integrates Function



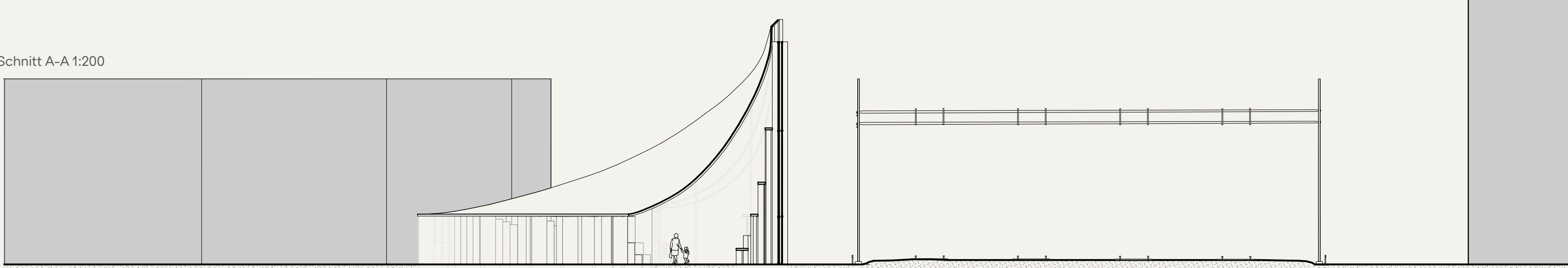
The market hall is situated in the industrial context of Schlieren, stretching a hanging roof between train tracks and the planned pedestrian and bicycle roads connecting the area to the river Limmat. The roof represents a transition between the massive, enclosed and monolithic built environment defined by the industrial function of large-scale buildings and the open, filigree train tracks and the catenary poles. The south facade imitates the structure of the tracks and poles, while the north facade encloses the perception of the space, imitating the existing architecture. The wide and open facade allows an exaggeration of the contrasting typologies of the structures that inspired both sides of the building and a stark difference between the first perception of the building versus the inner space.

The main load-bearing structure is made up of reinforced concrete columns with cables stretching in between. The concrete columns are a re-interpretation of the centerpiece of our Knot, where we created a formwork out of round elements. In the final design, this concrete piece is intersected with itself multiple times, allowing a diagonal force flow to the ground, reducing the tension throughout the column. The column works not only structurally, but also for the program. The shelves of the market hall are placed on top of the indentations of the columns. The Jugendherberge bedrooms follow a similar principle, where a two floors are placed in between and on top of the columns, creating capsule-like sleeping areas and on top, individual seating areas.

The building as a whole, acts as a solar chimney, where cool air enters through the half-open north facade and heated air can escape through the top windows of the south facade. The south facade is equipped with a layer of sun protection to allow a more comfortable experience in the summer months, while the depth of the columns act as a buffer zone for the inner space from outside conditions.

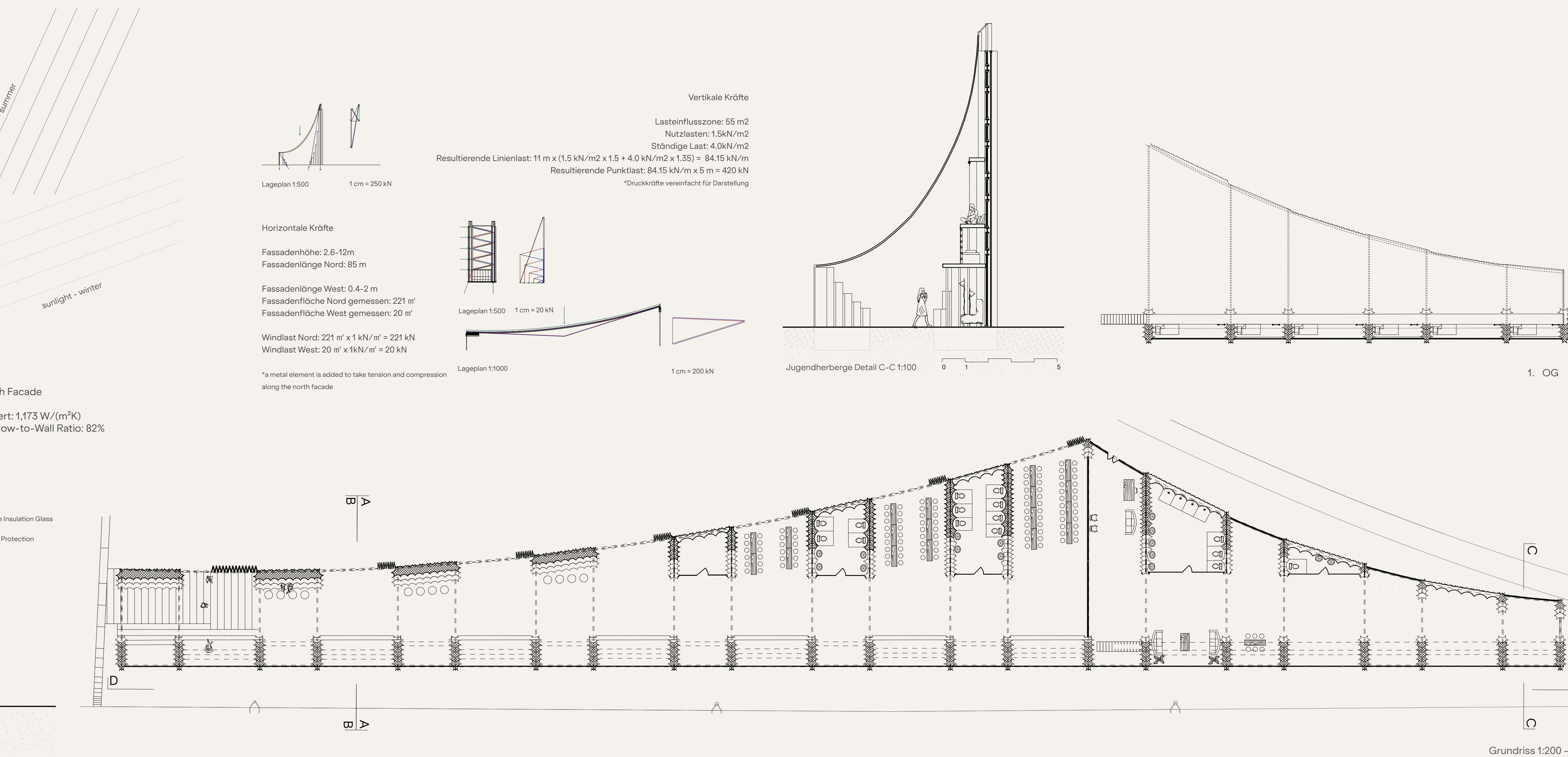
Market Hall Detail
B-B 1:50

Schnitt A-A 1:200



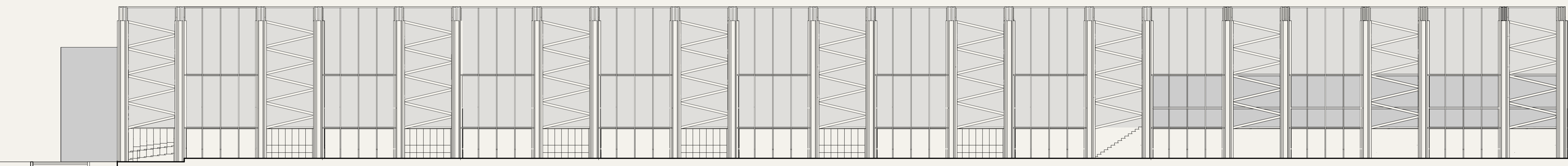
Idil Özcan

Atelier Knöpfel



Grundriss 1:200 - EG

Ansicht D-D 1:200



Eisenbahnstraße
Markthalle mit Jugendherberge

Debatte III
Frühjahrssemester 2026