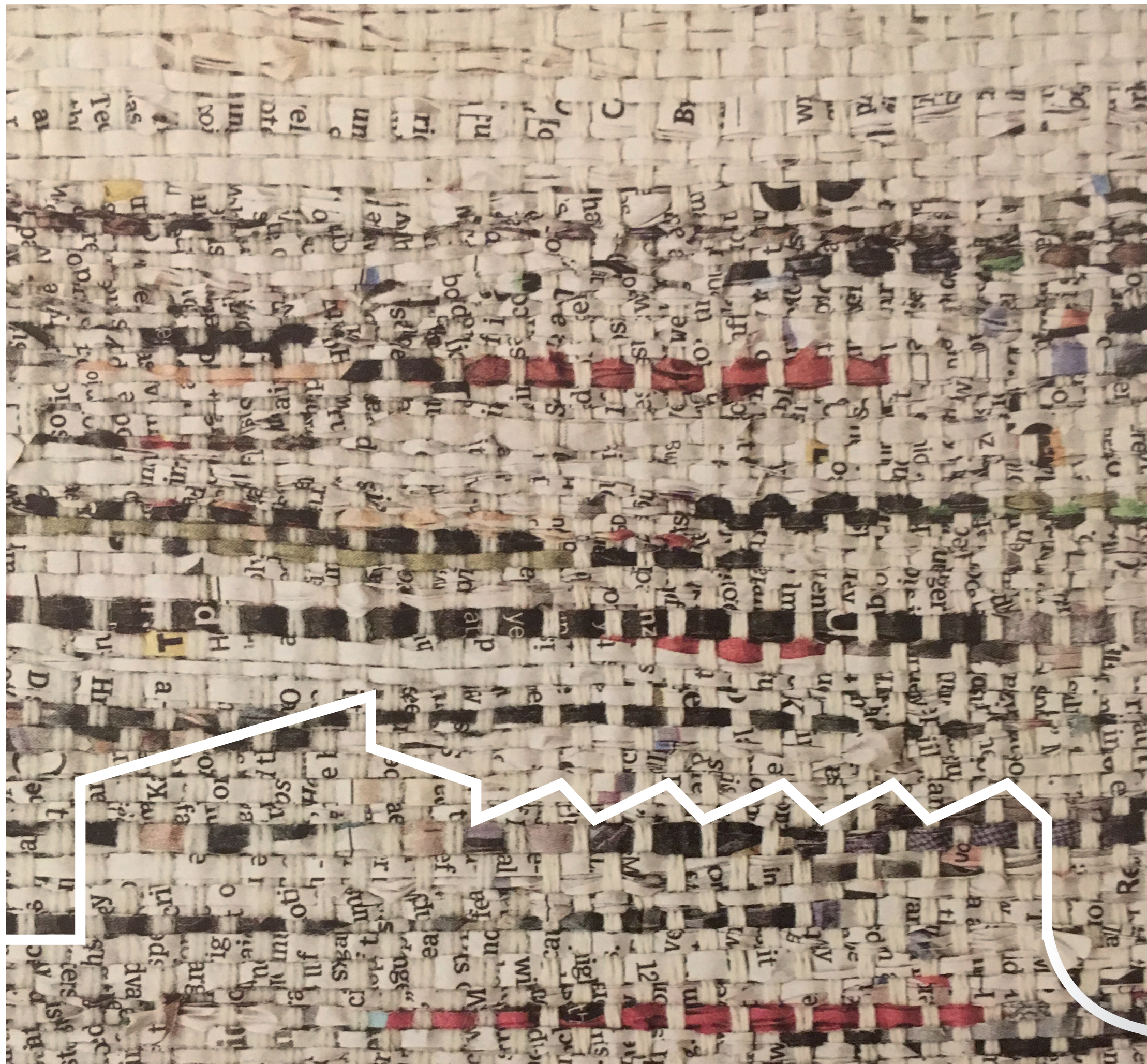




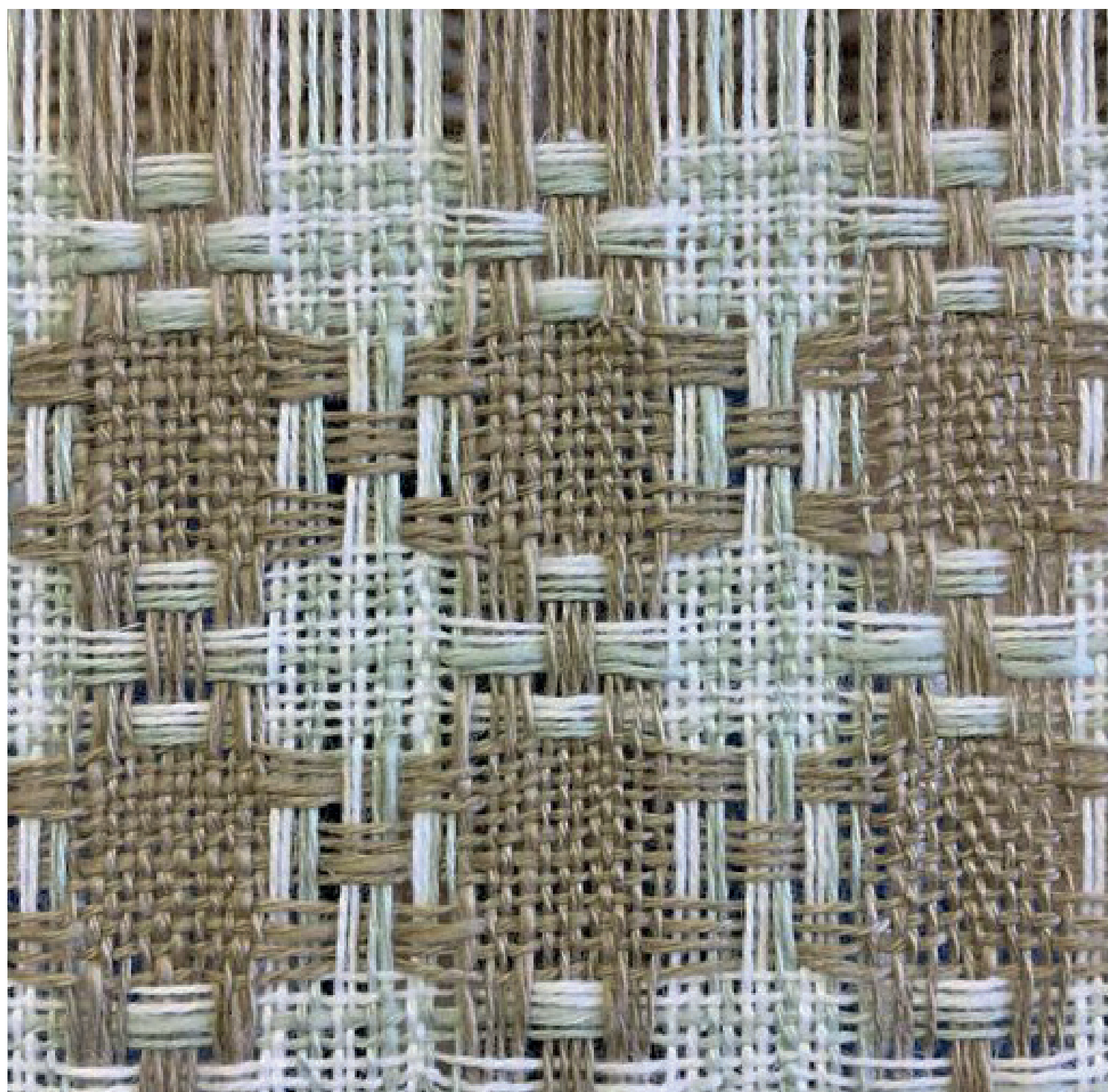
THE SCHOOL FOR TEXTILE CRAFTS

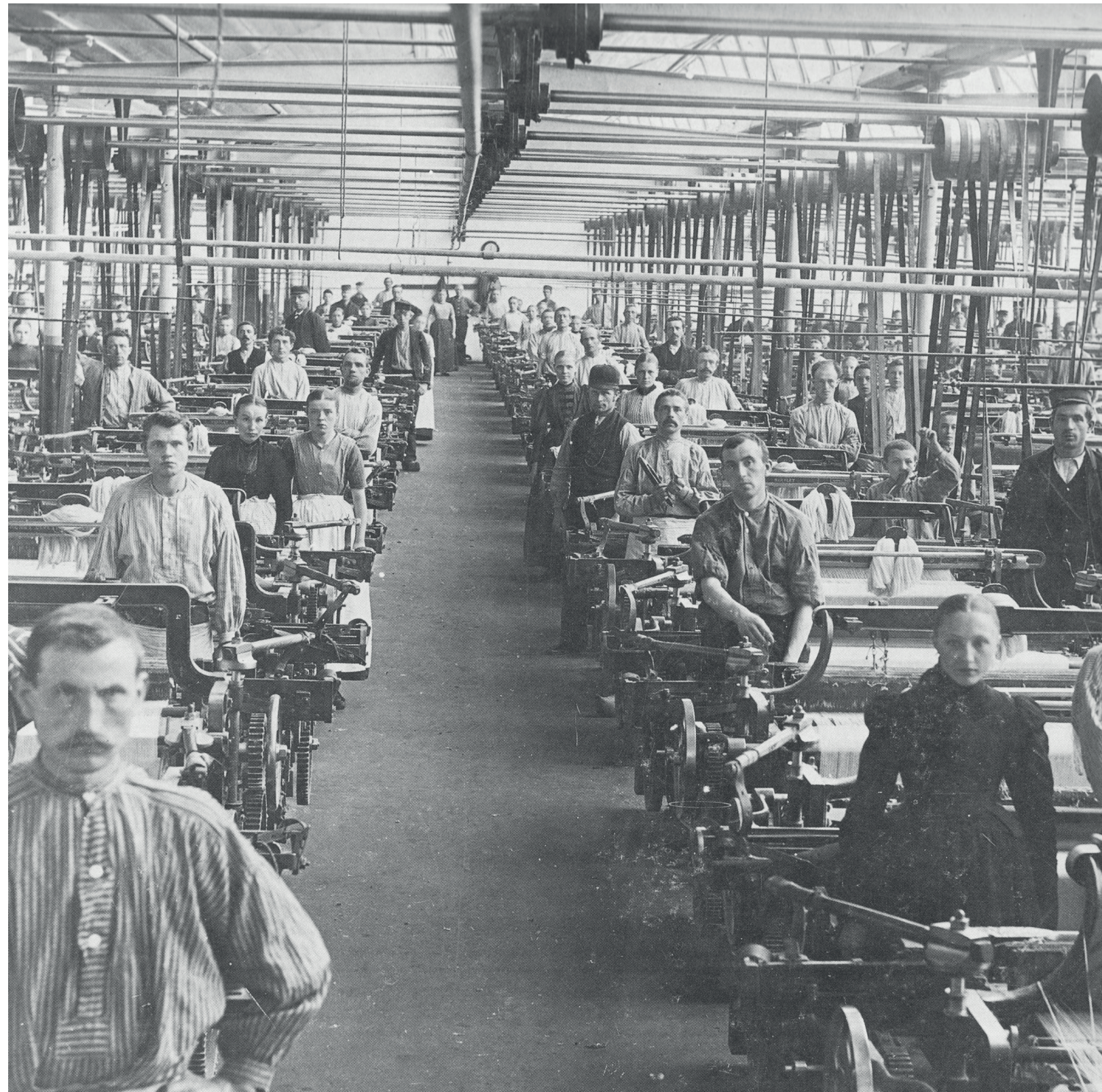
Textile is everywhere

*it is the main product we are
surrounded by -*

*you sleep on it,
you wear it,
you sit on it...*

(Aleksandra Gaca, textile designer in Delft)



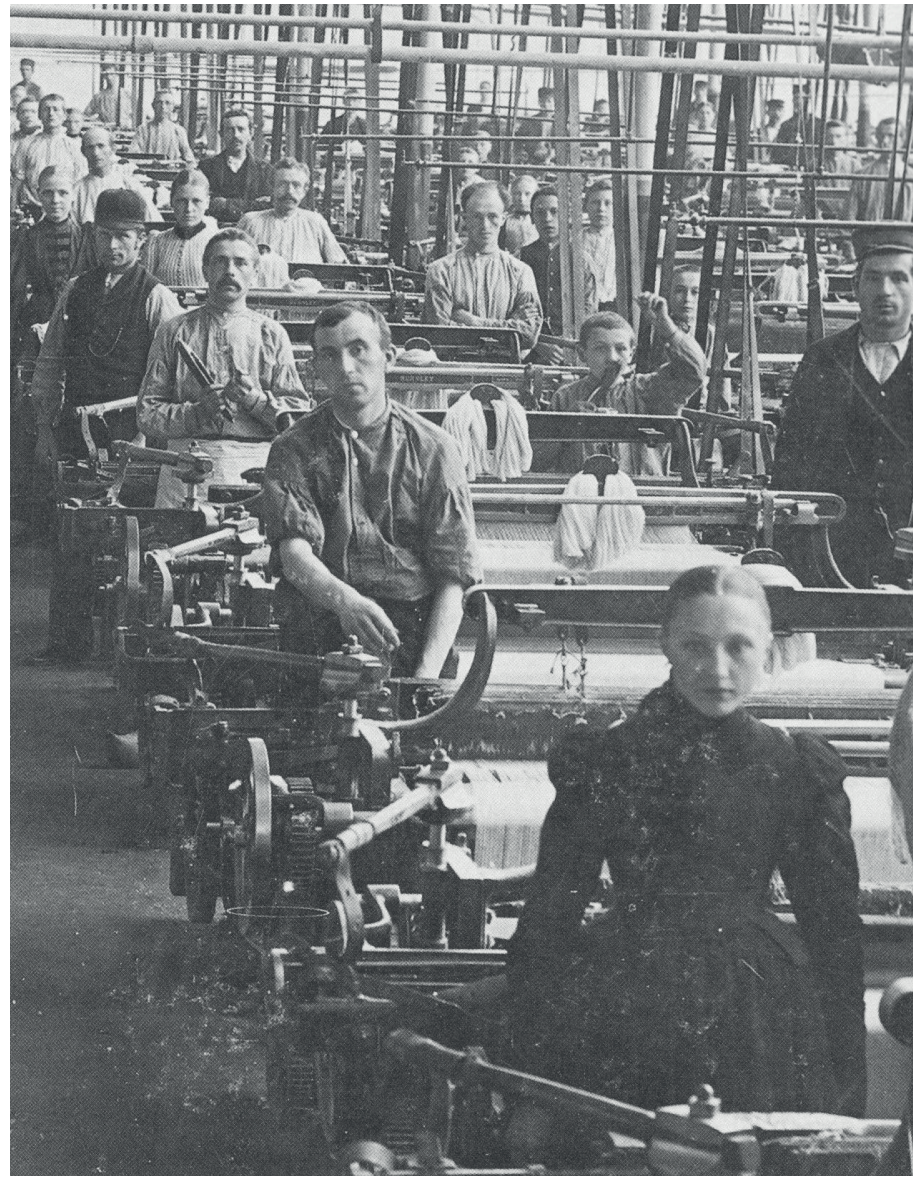


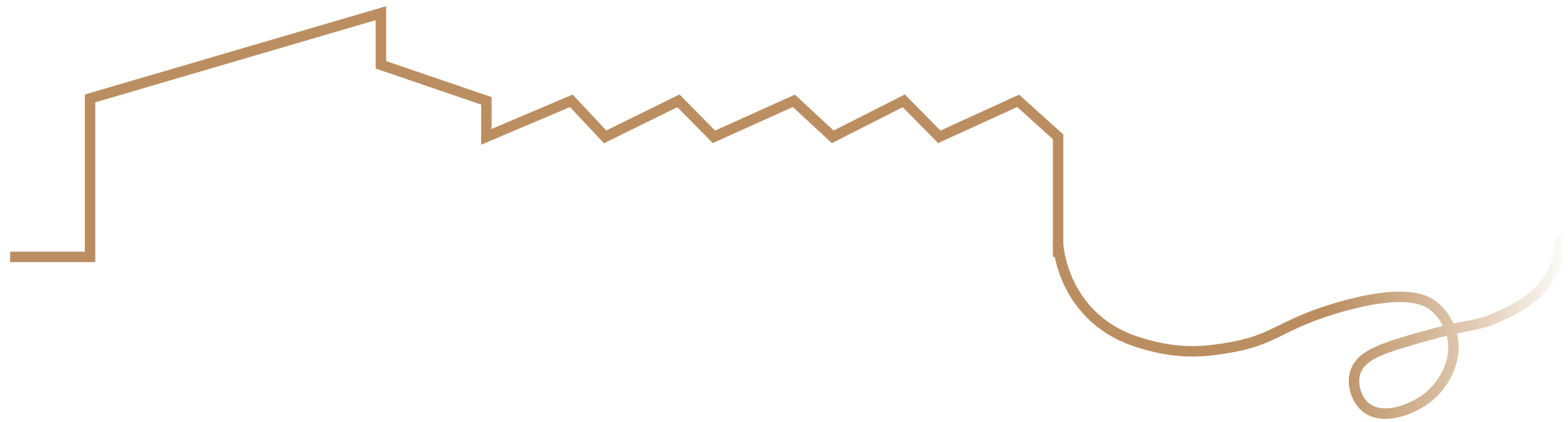
weaving mill in Twente, early 20th century



weaving workshop of Bauhaus school

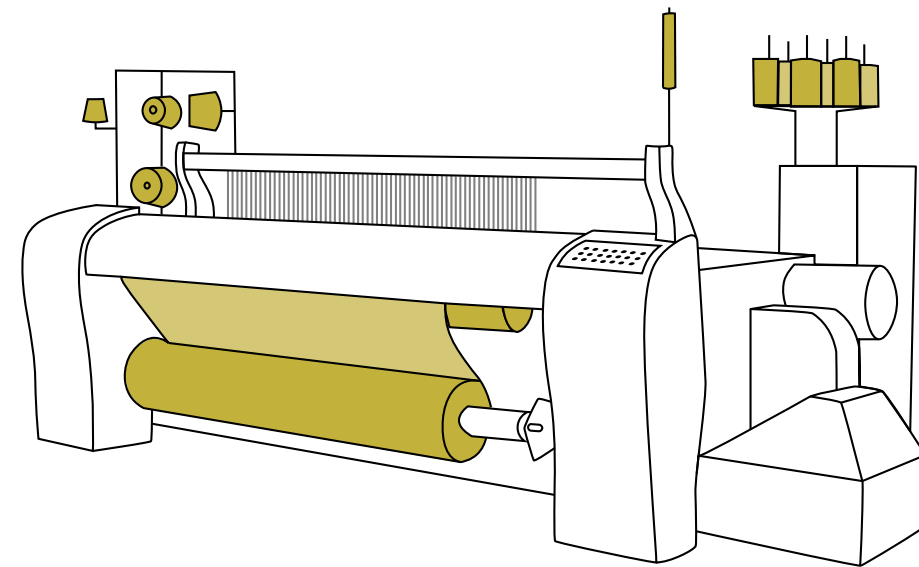
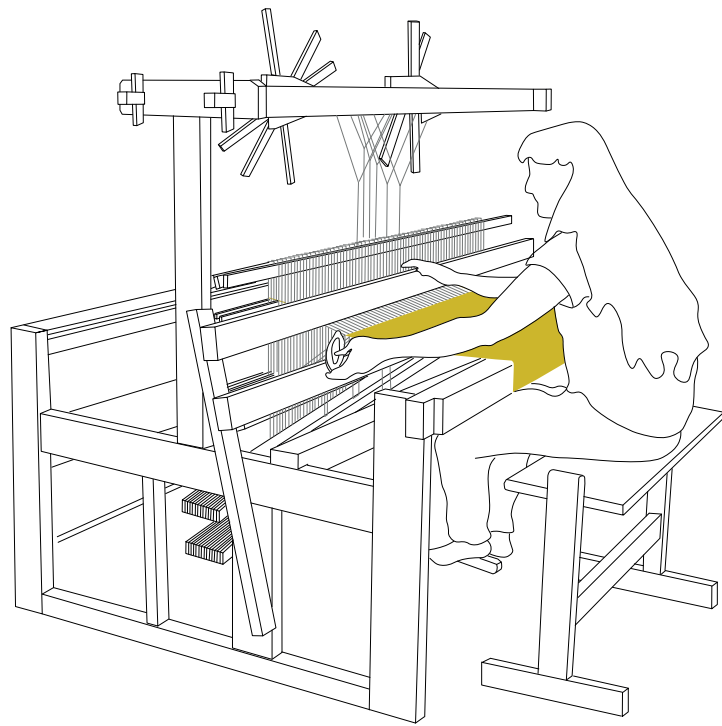






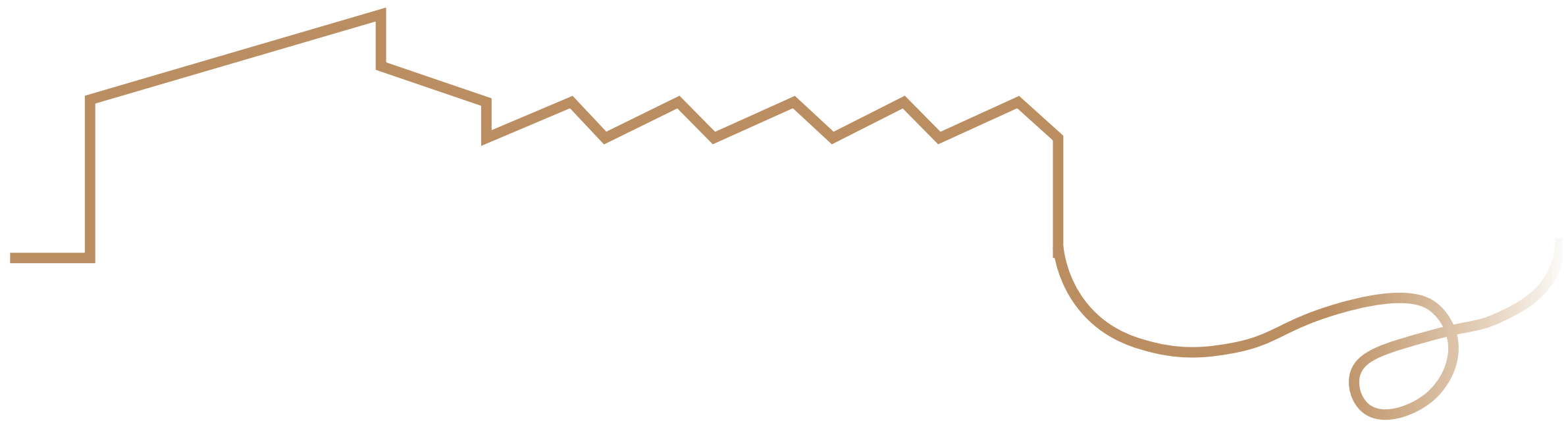
craftsmanship

What is craftsmanship today?

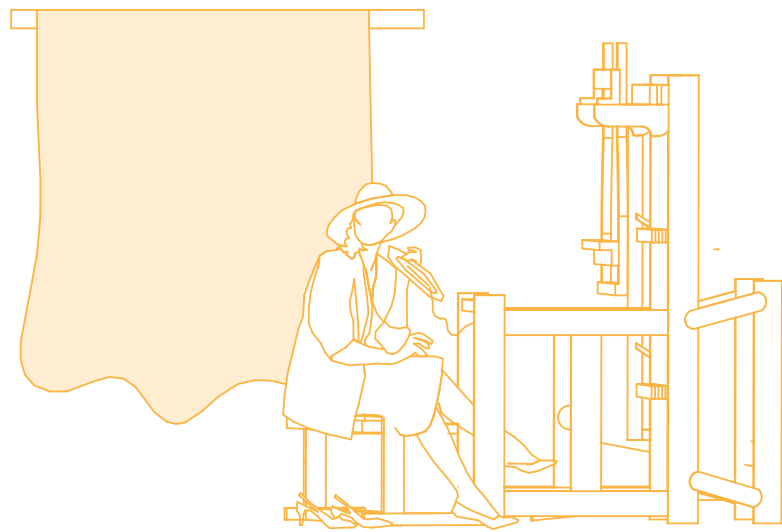


contemporary craftsmanship

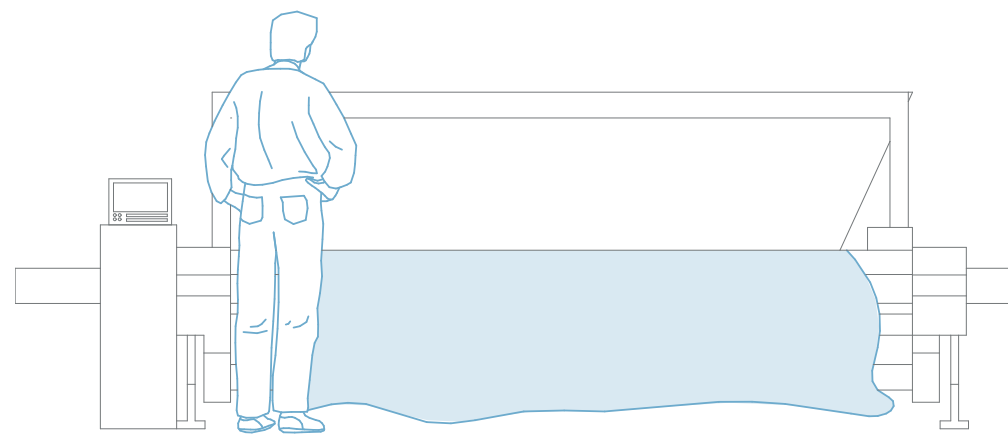
is focusing on hand production
by incorporating modern techniques
to produce high quality products locally



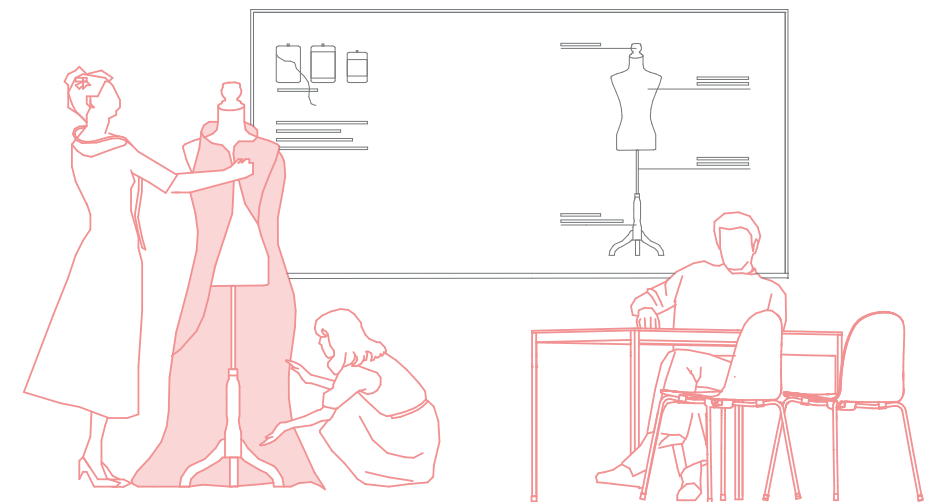
typologies of textile production



studio

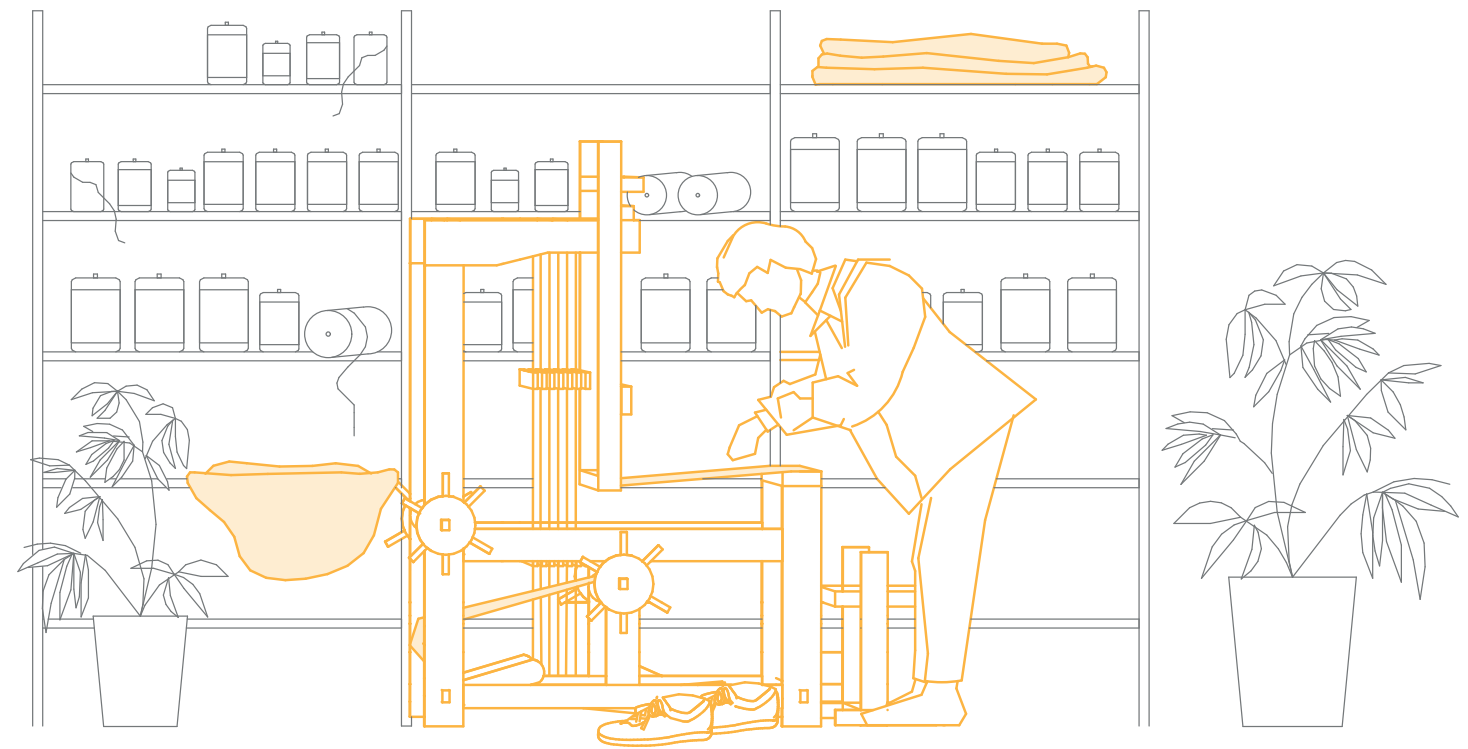
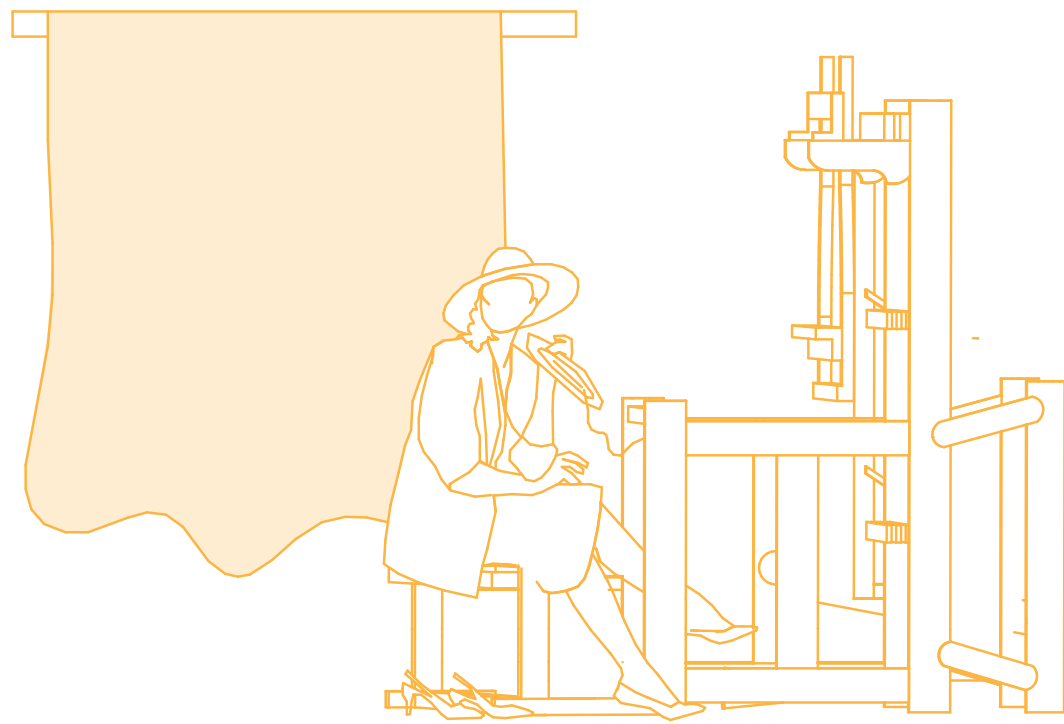


lab

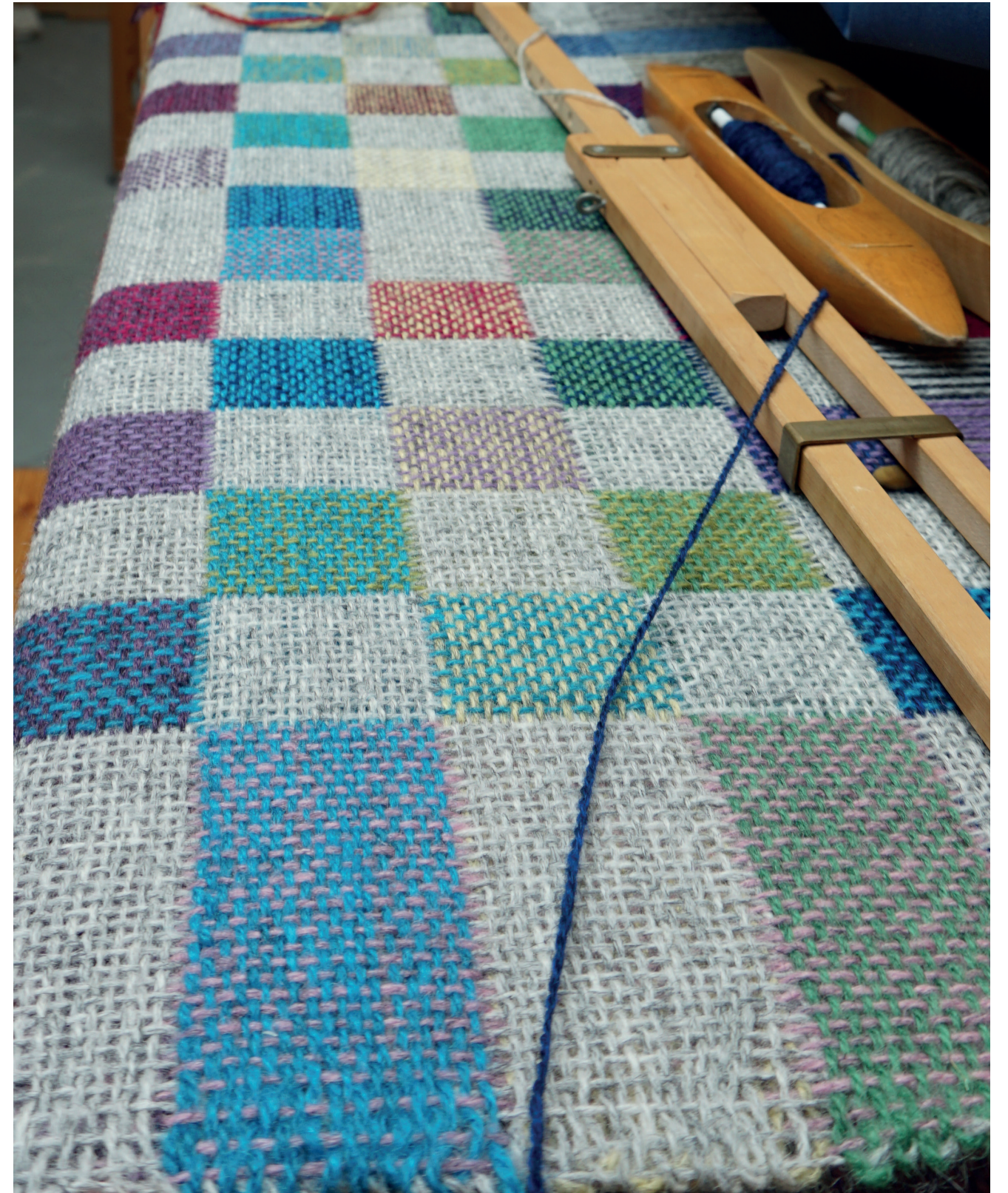


academy

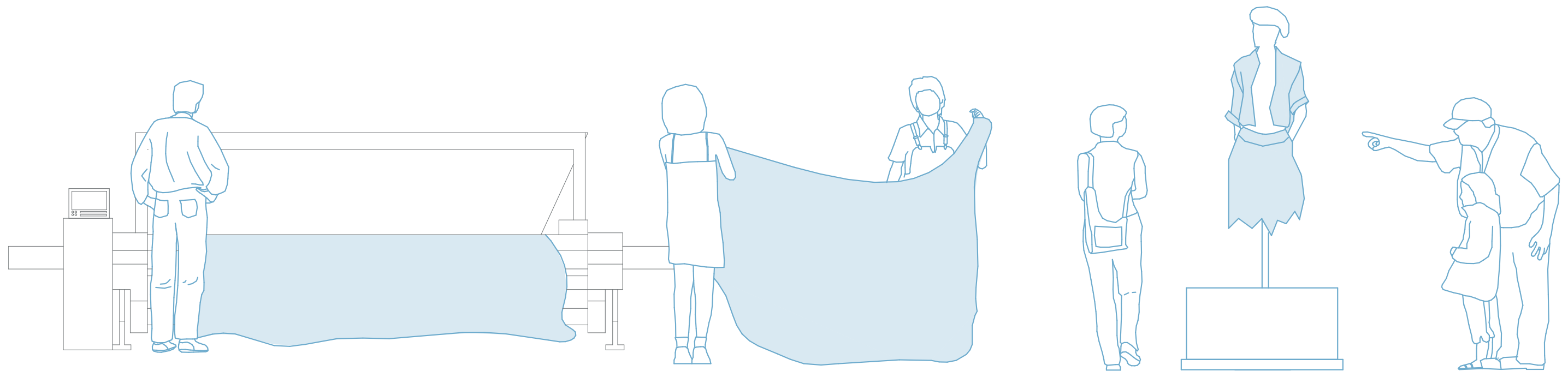
The studio



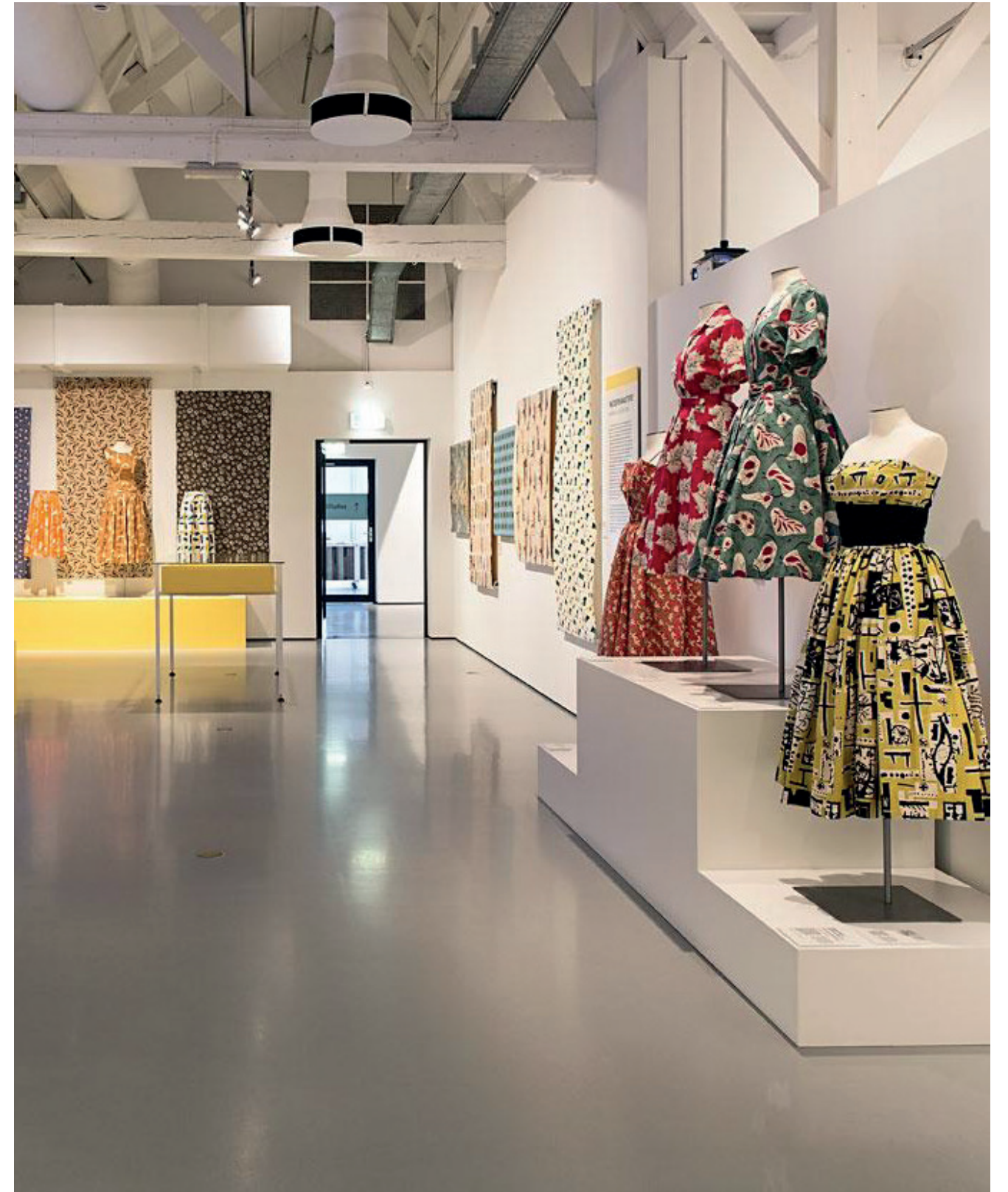
Ambachtelijke weverij Amsterdam



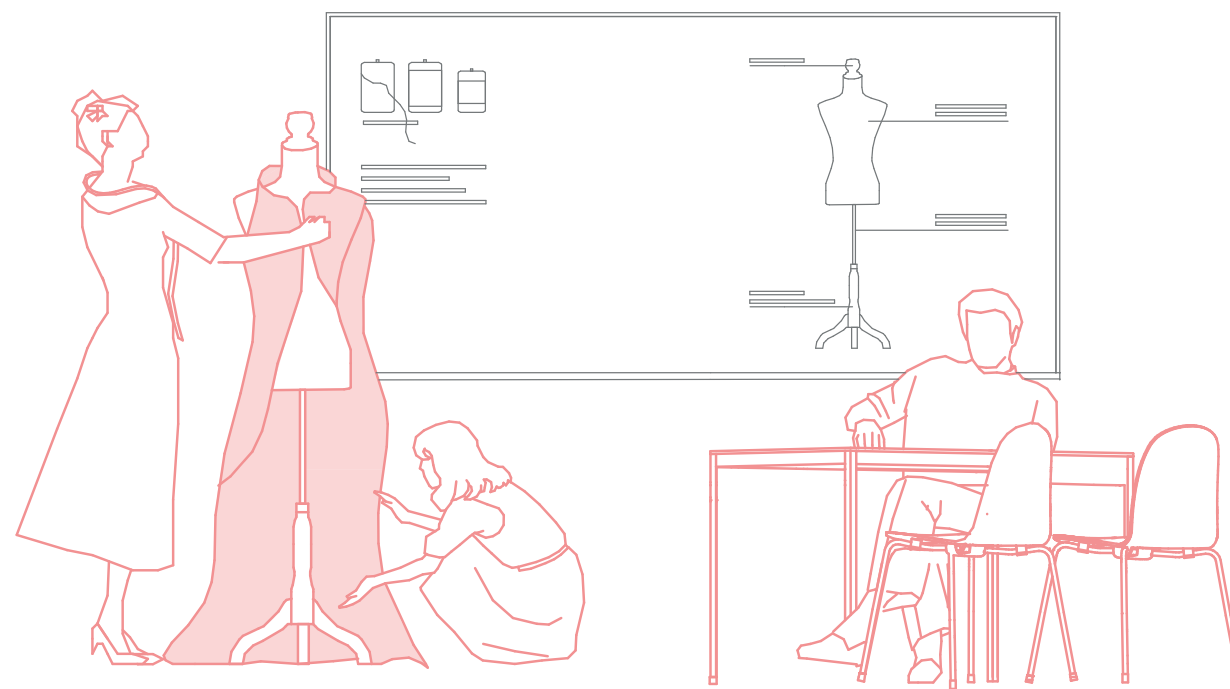
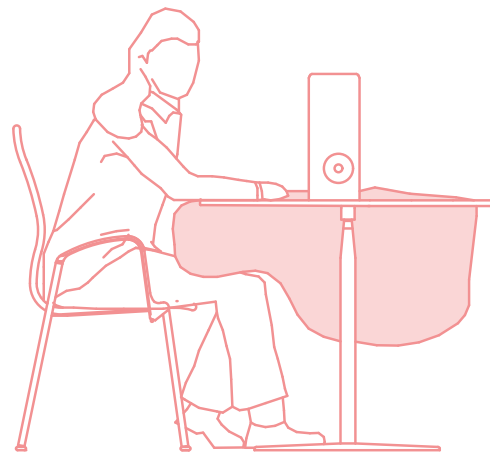
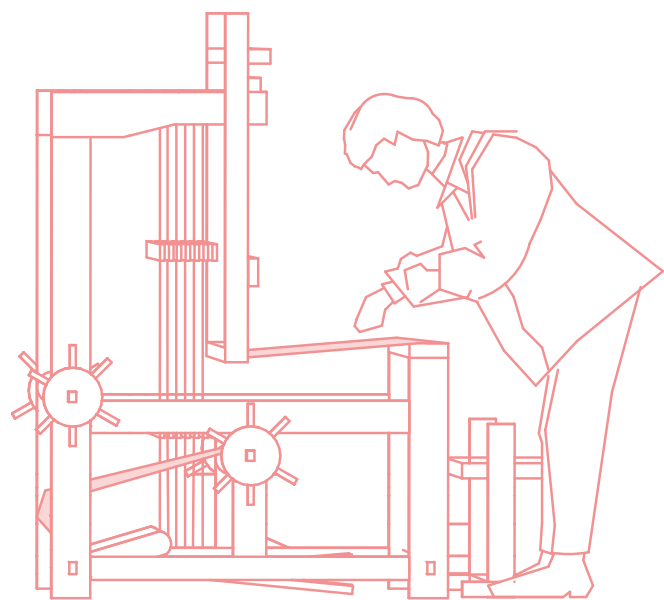
The lab



Textielmuseum Tilburg



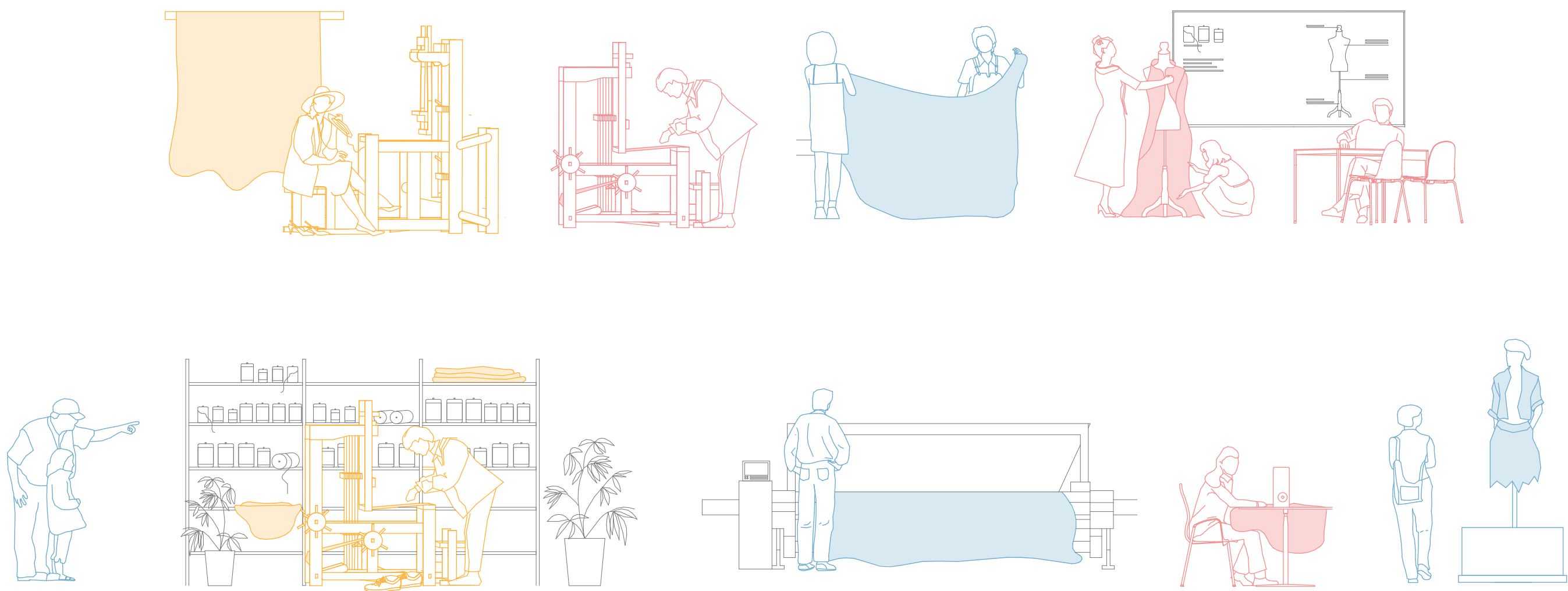
The academy

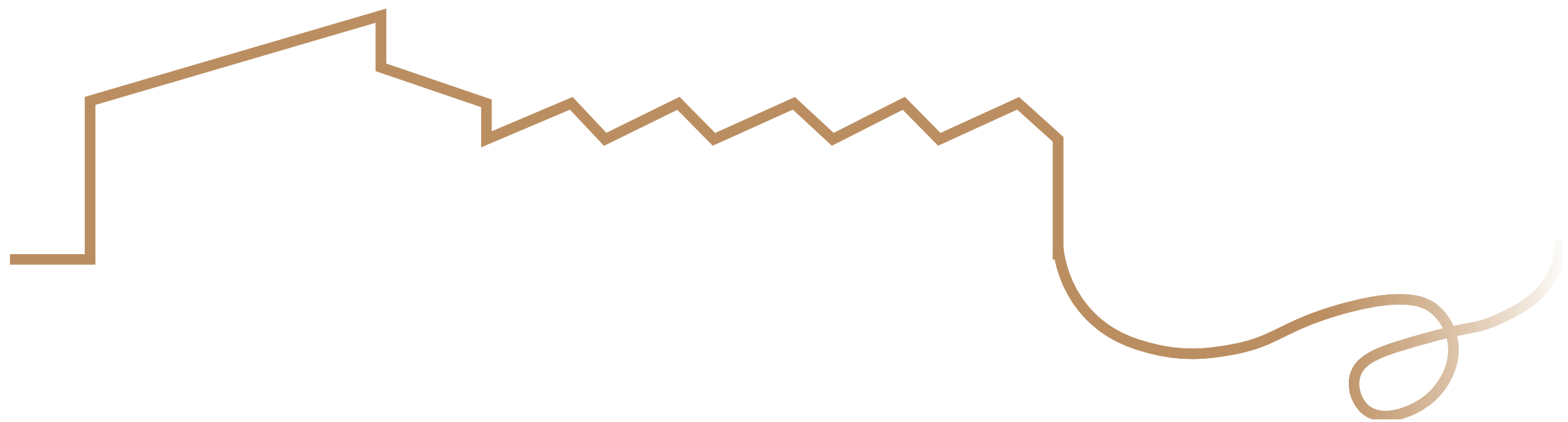


LUCA School of Arts Brussels



Conceptual framework





urban context

Contextualizing the concept



The urban fabric of Delft



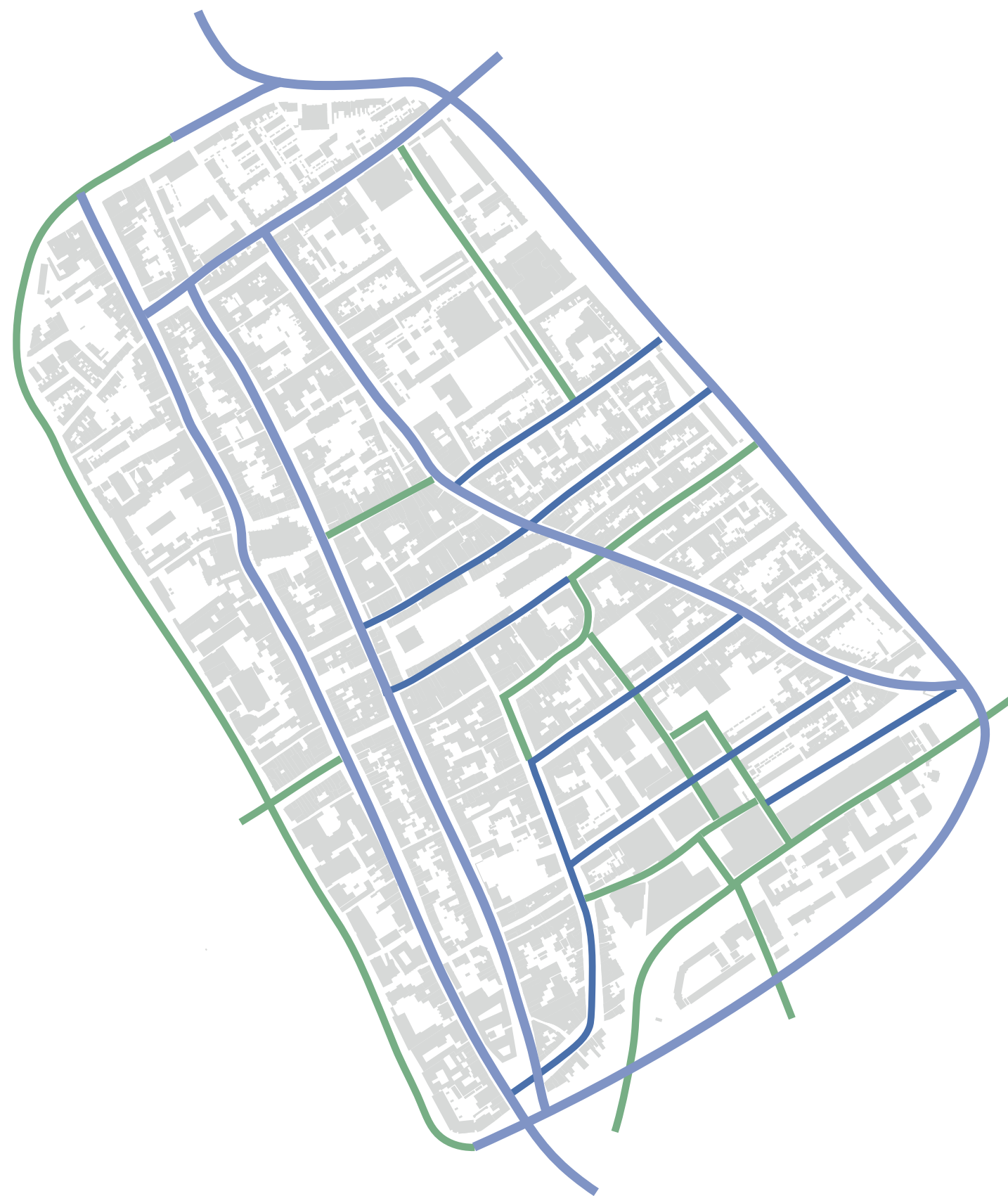
historic city center



main canals



side canals



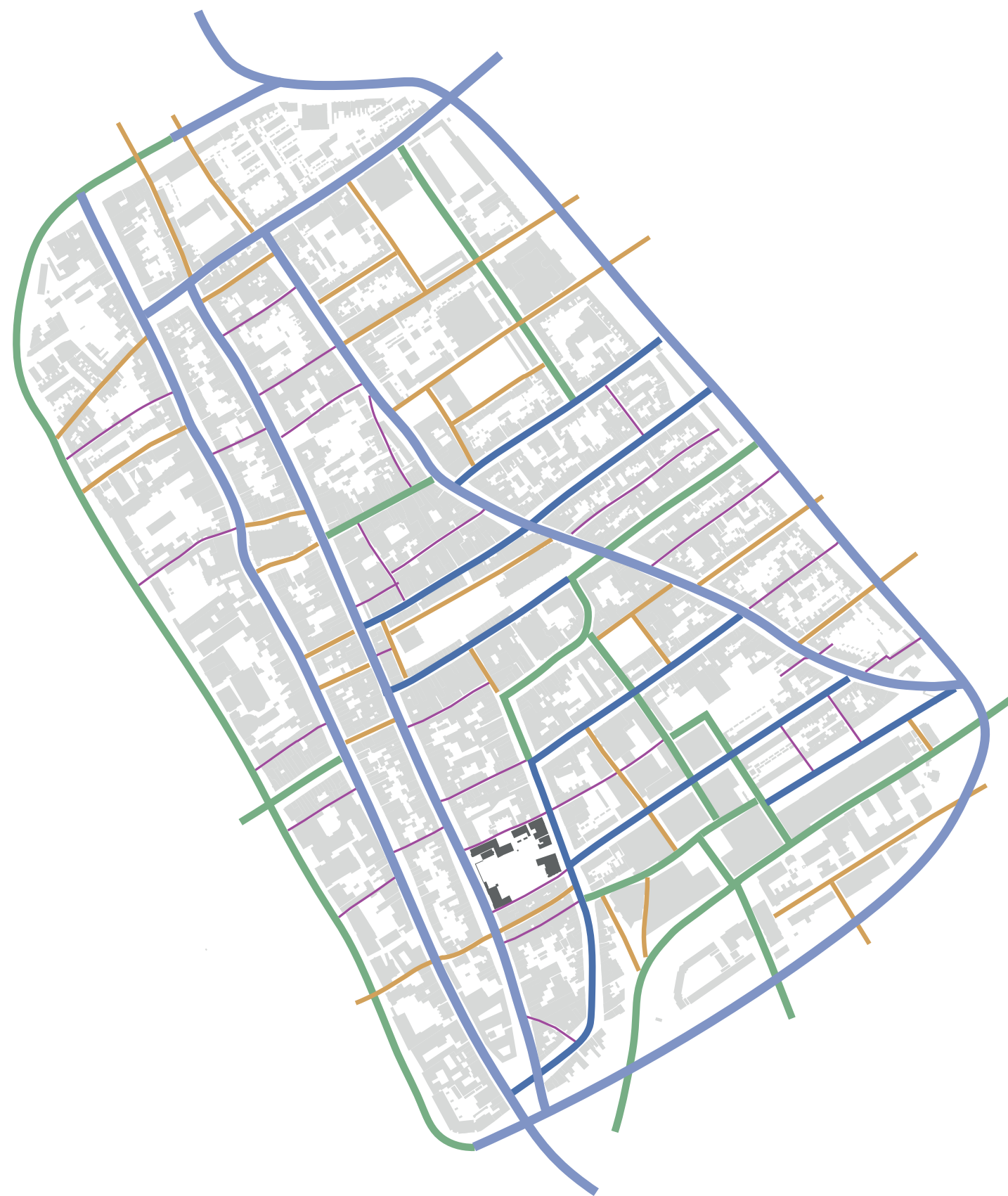
main streets



side streets



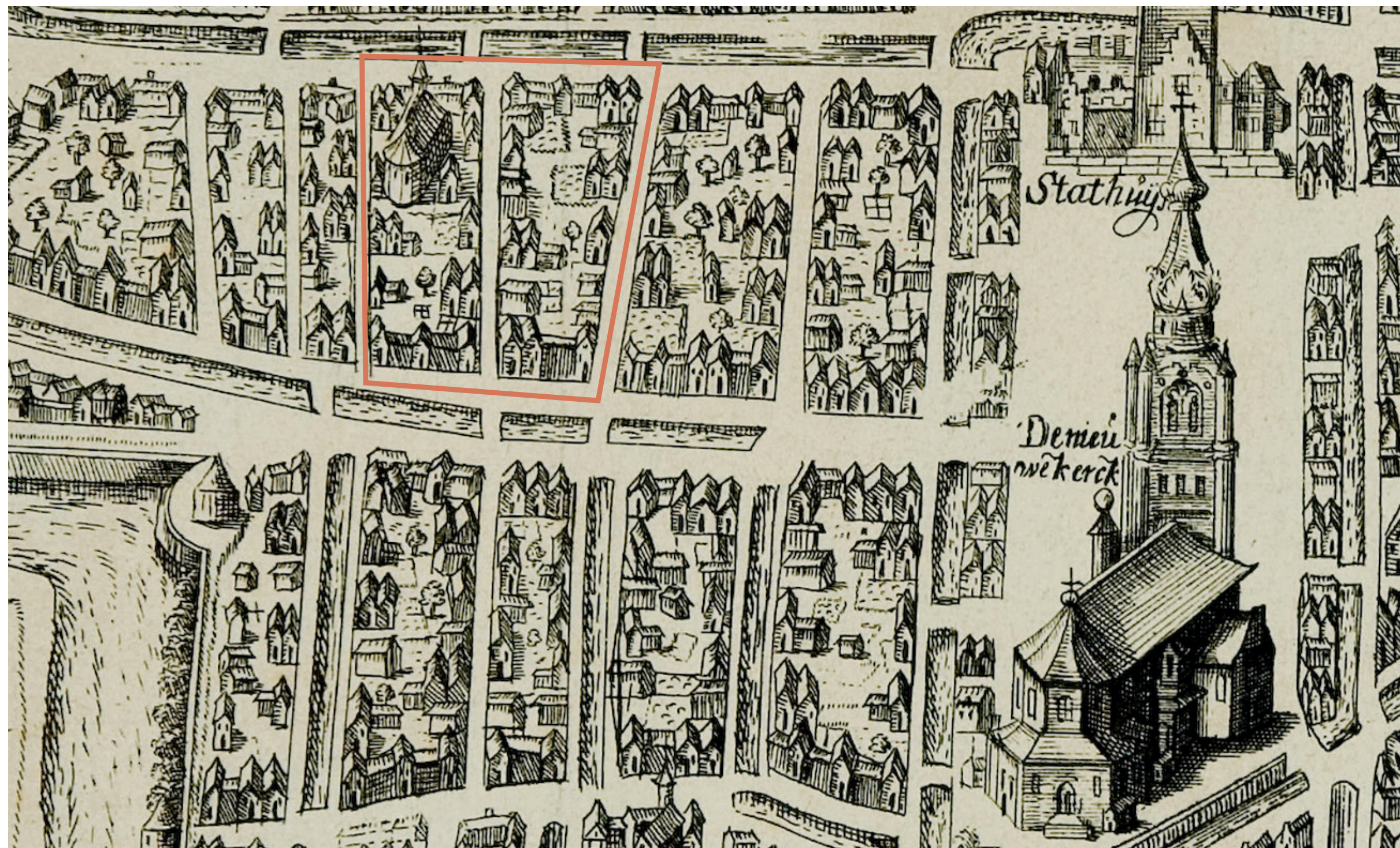
narrow streets



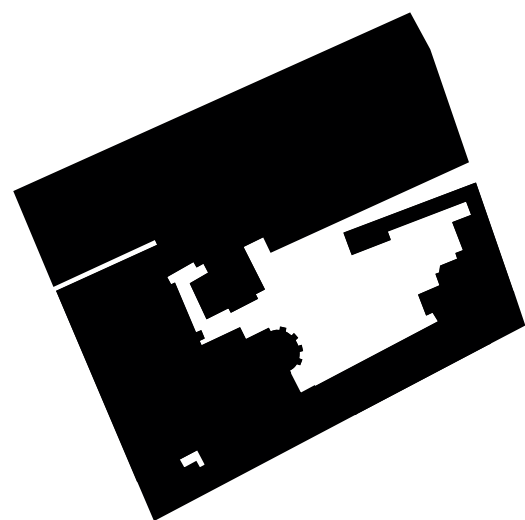
building site



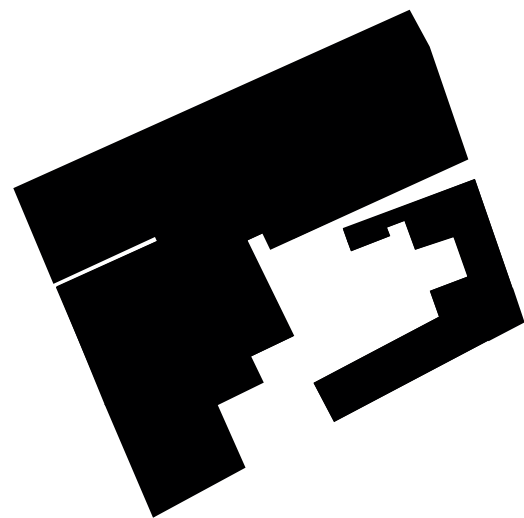
Gasthuisplaats



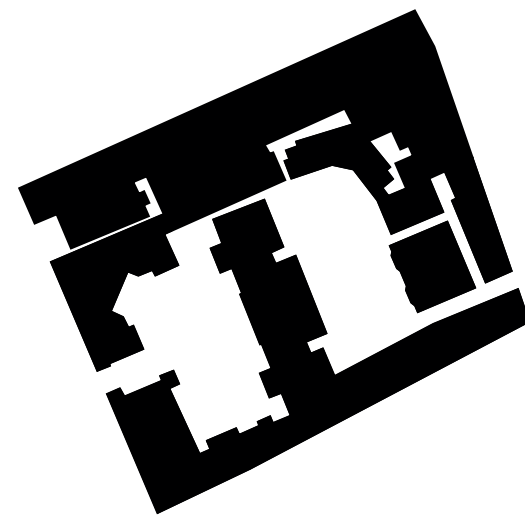
Delft 1560



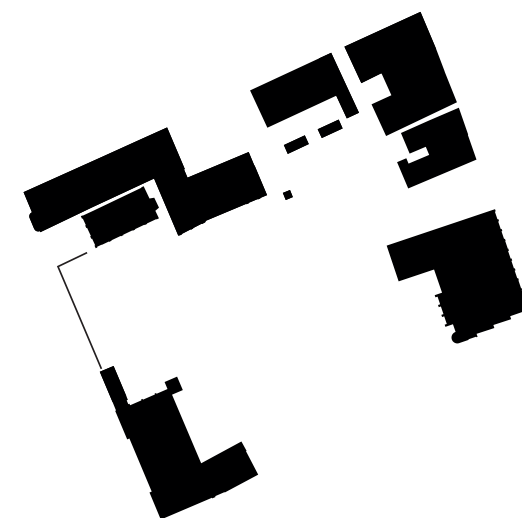
1832



after 1864

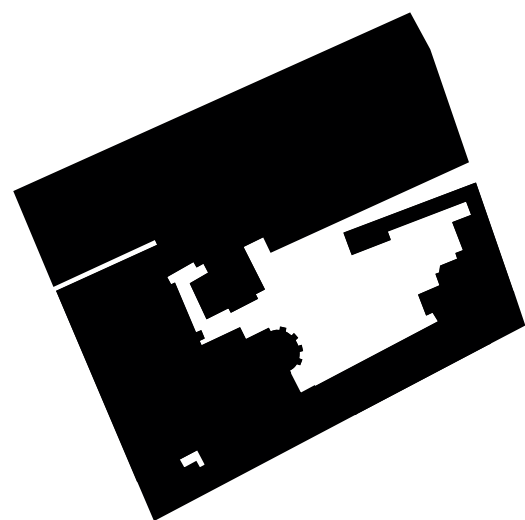


after 1930

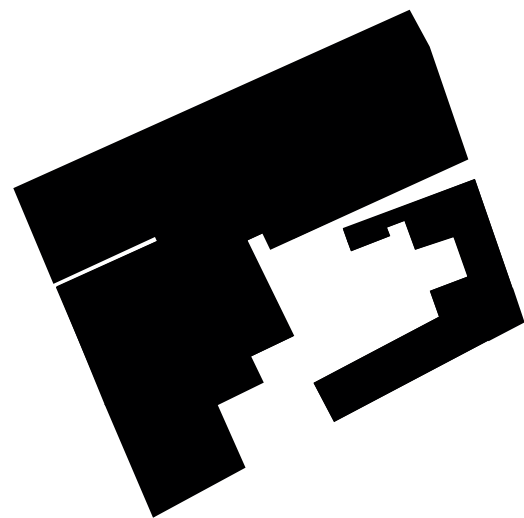


today

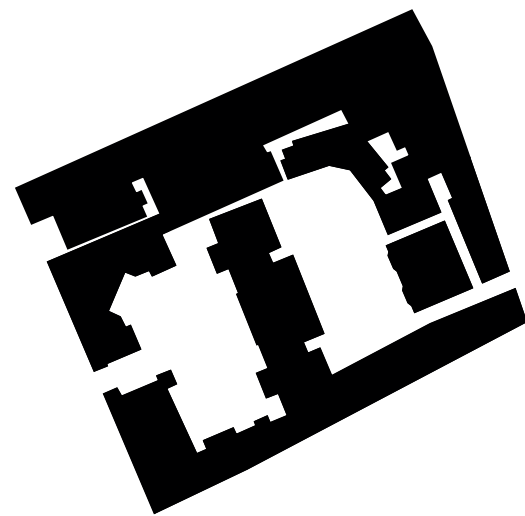
development



1832



after 1864

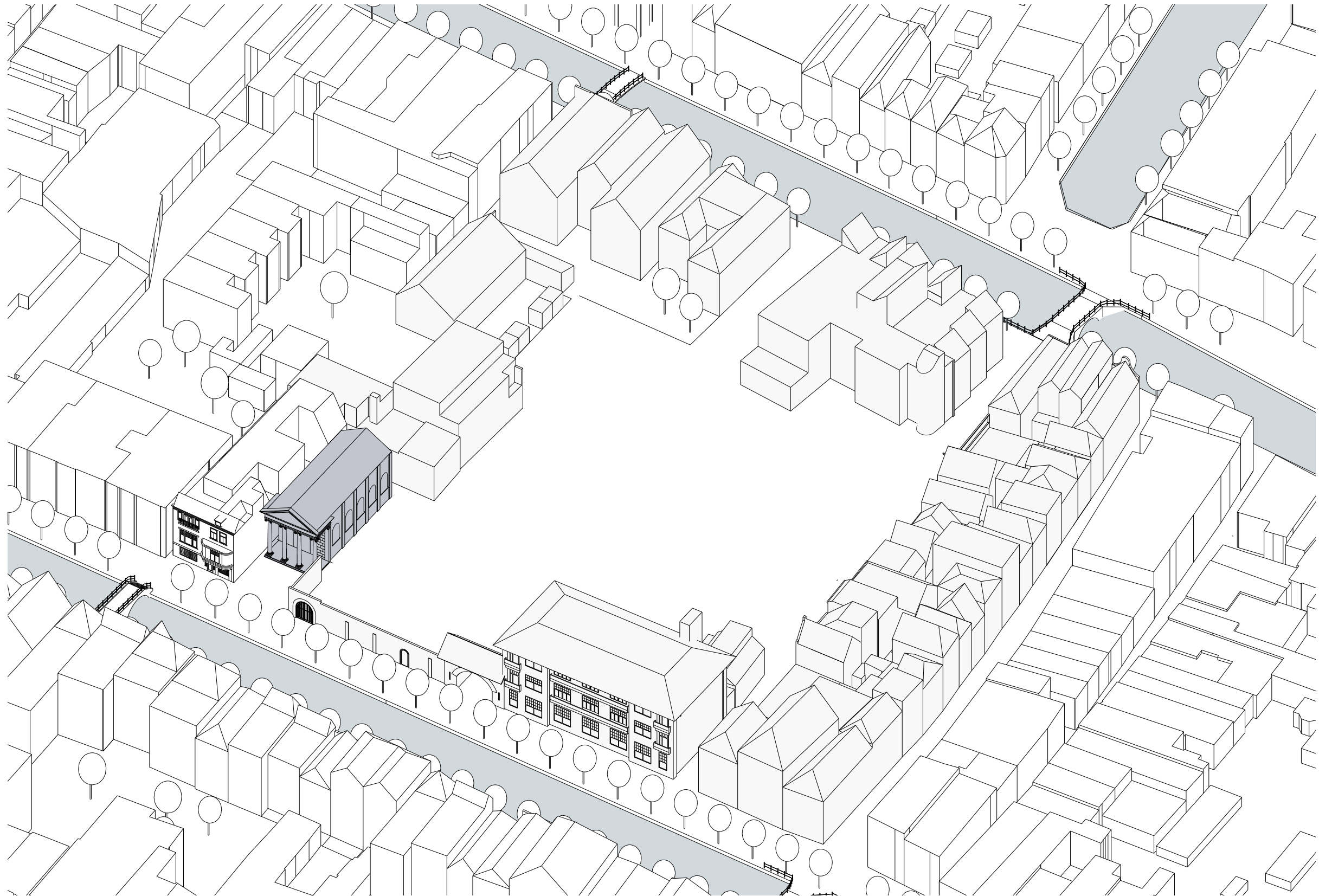


after 1930

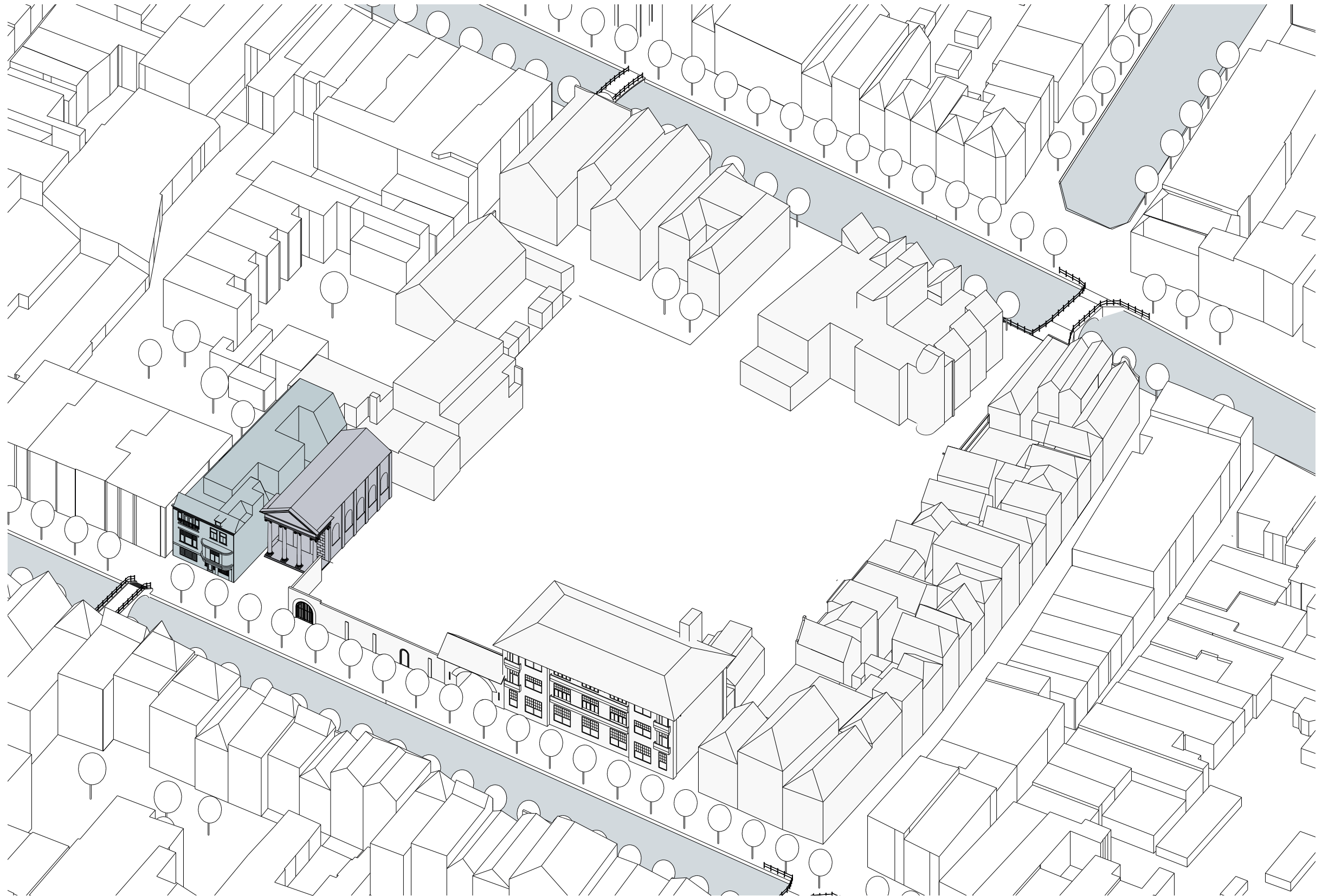


today

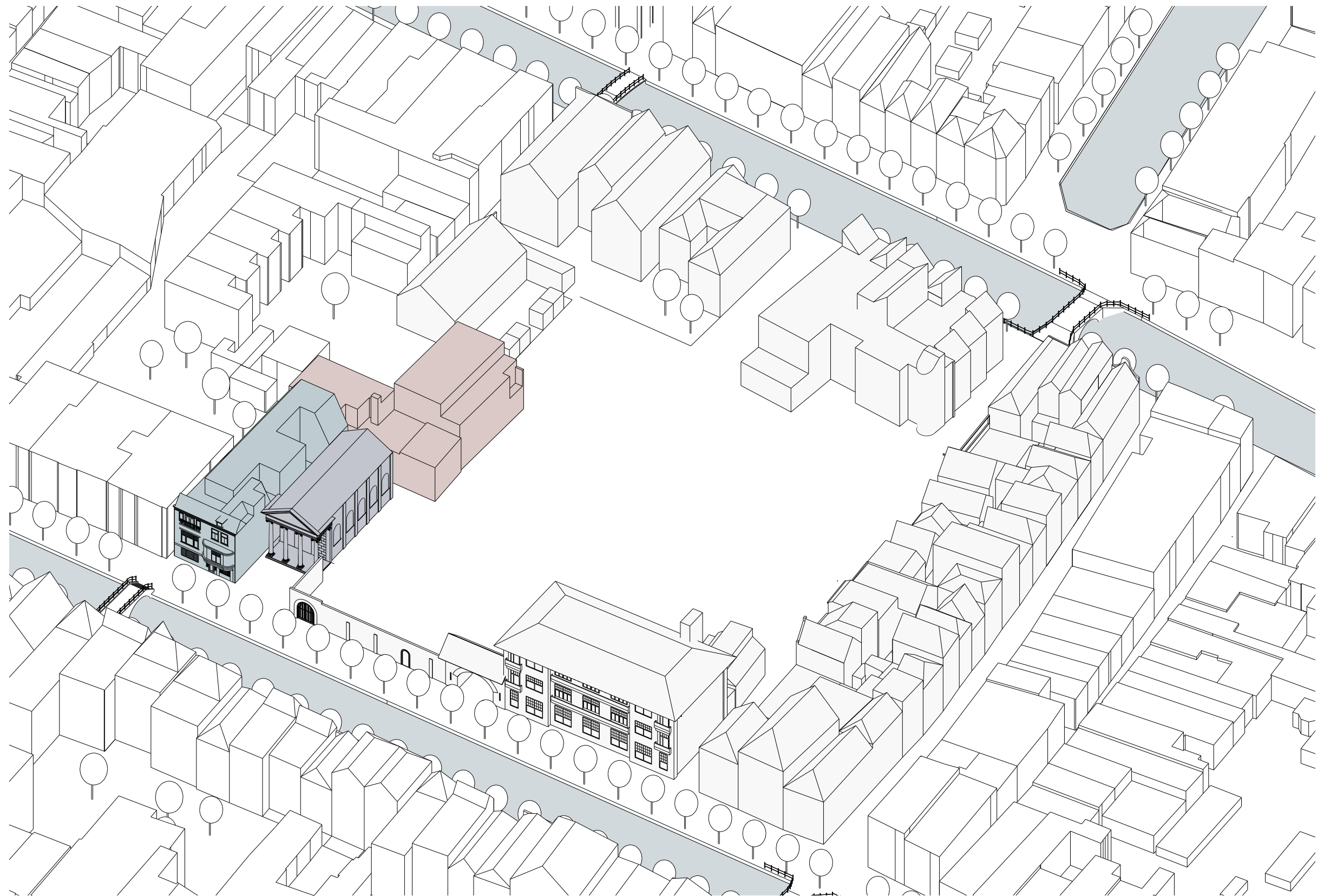
development



synagogue



hotel



school



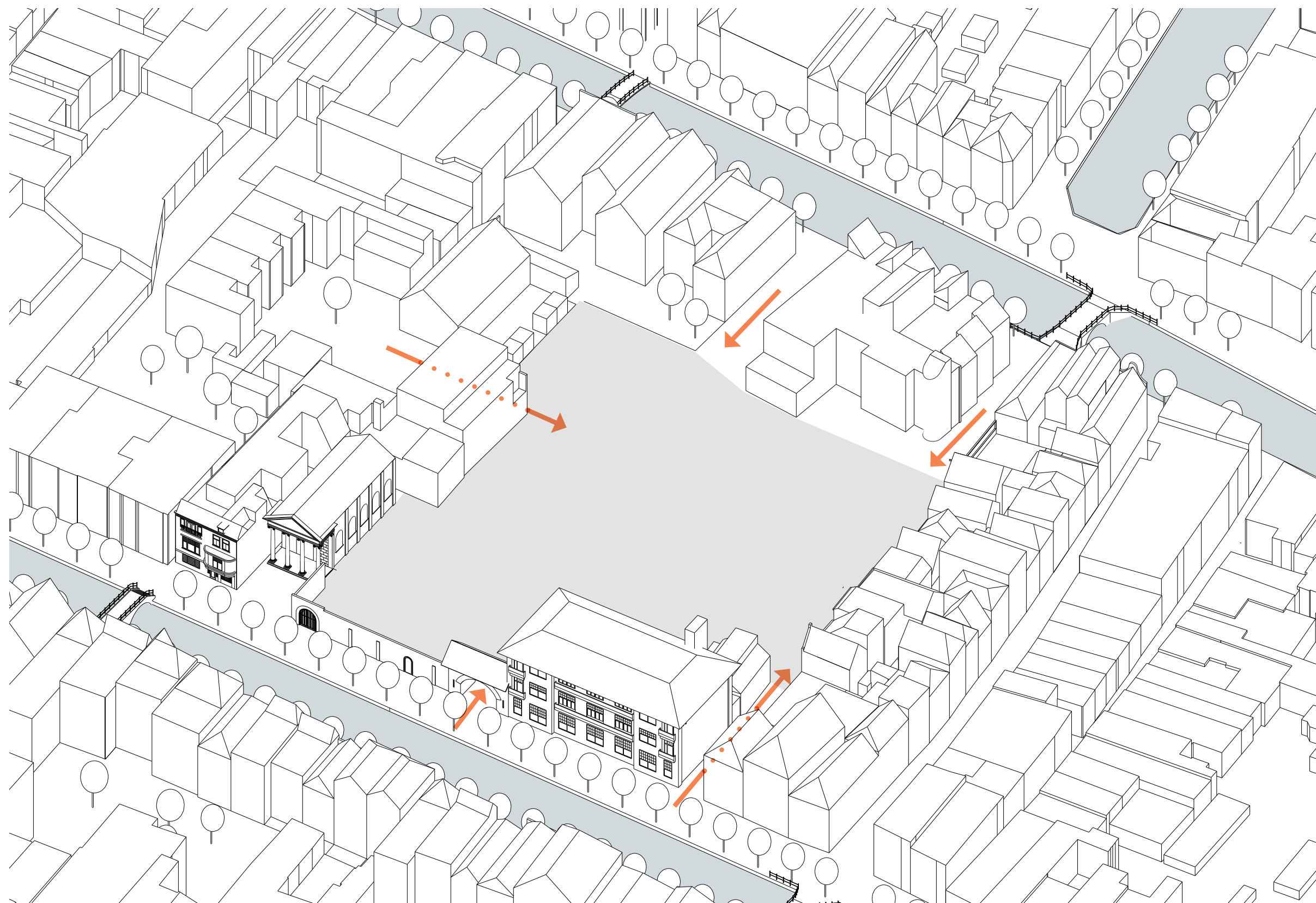
dwellings



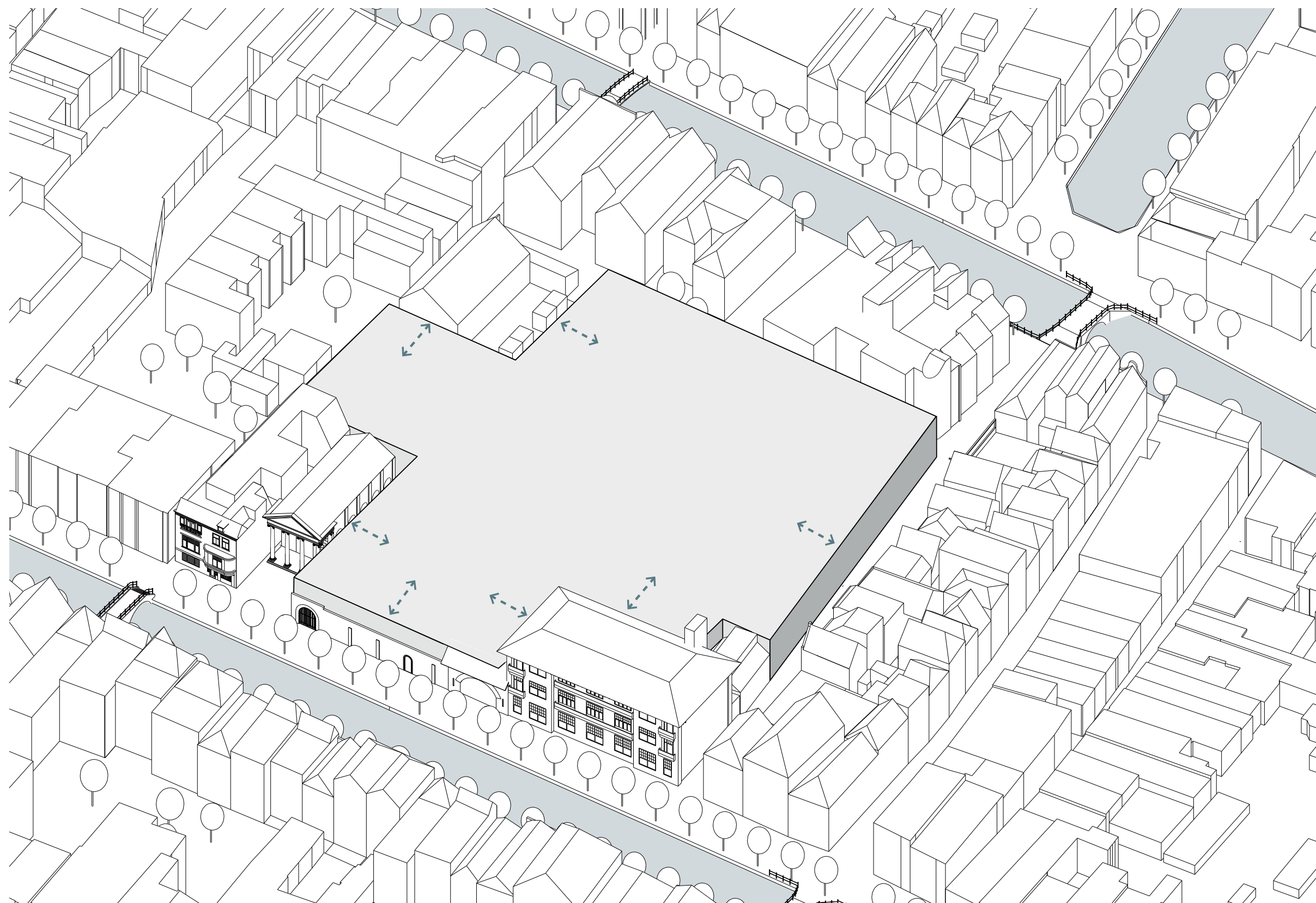
cultural center



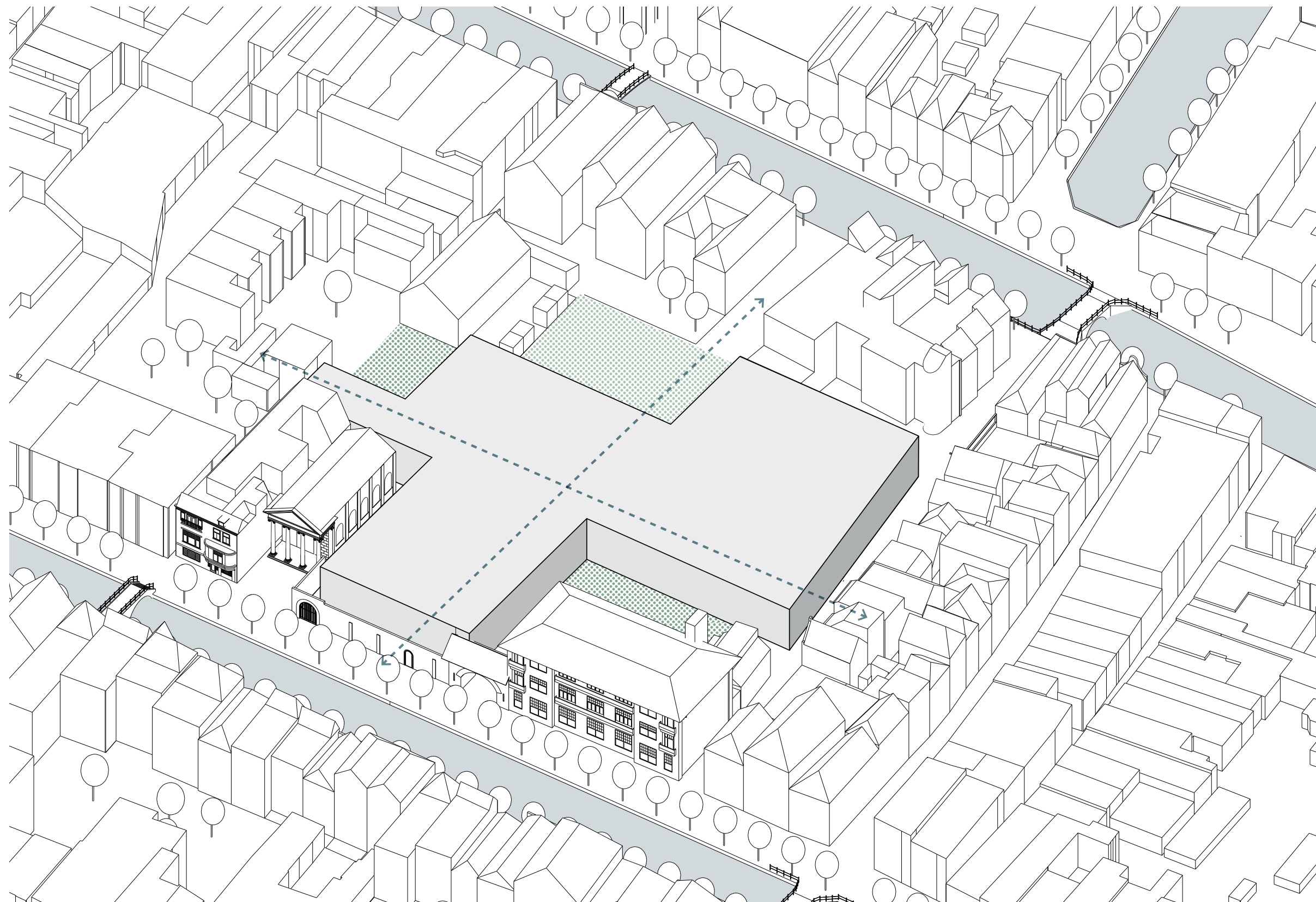
flex-working place + old wall with gate



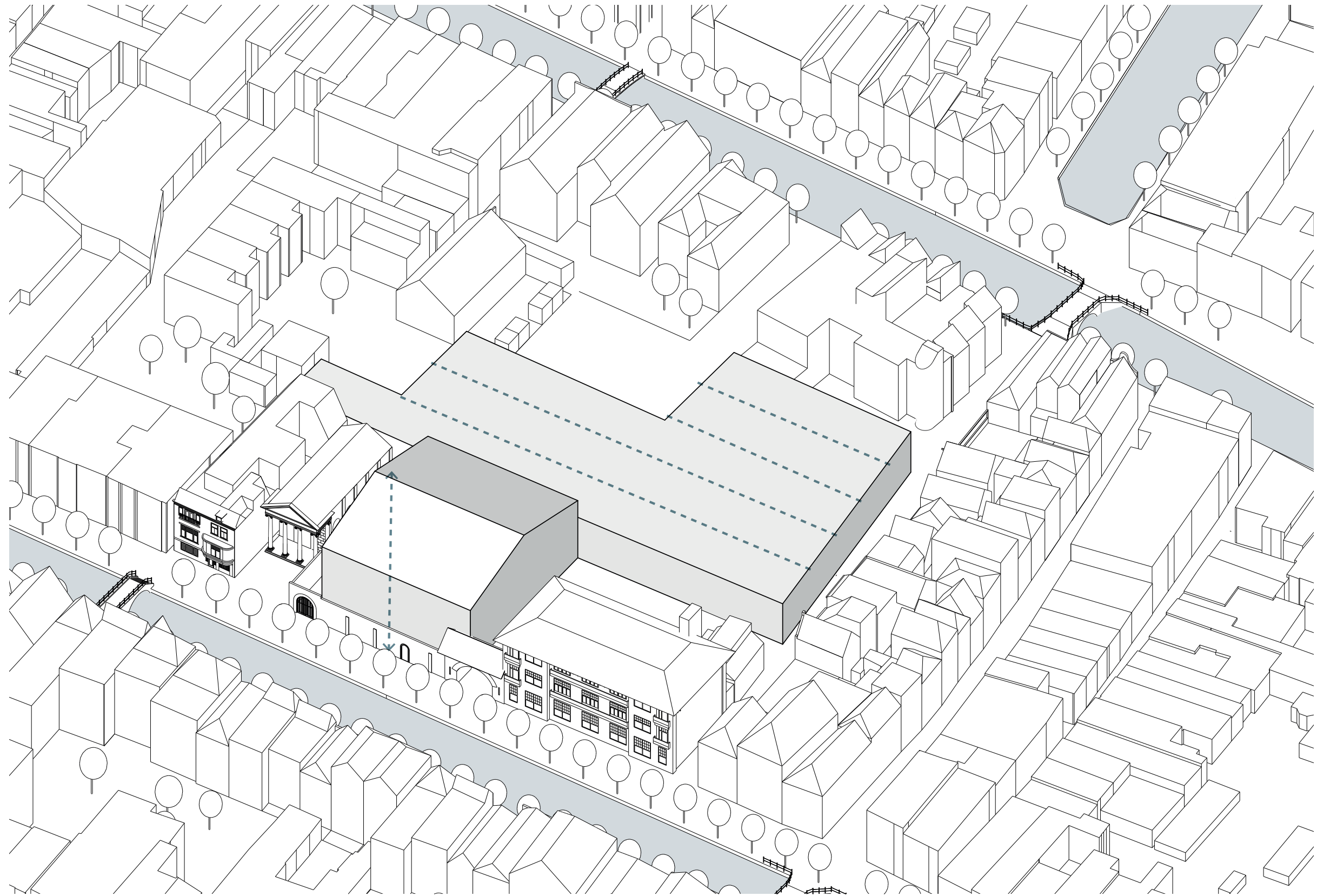
accessibility



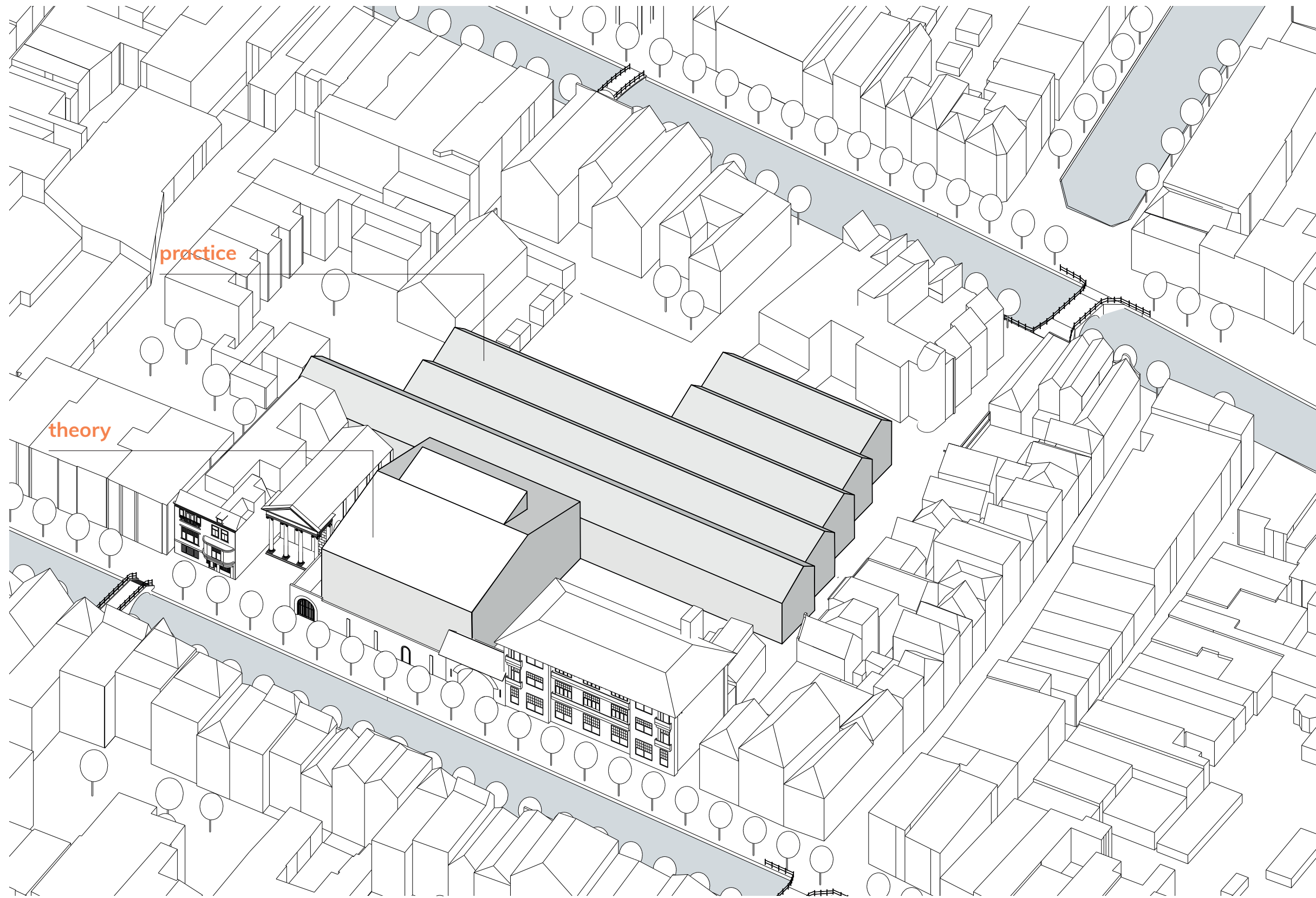
neighbouring buildings



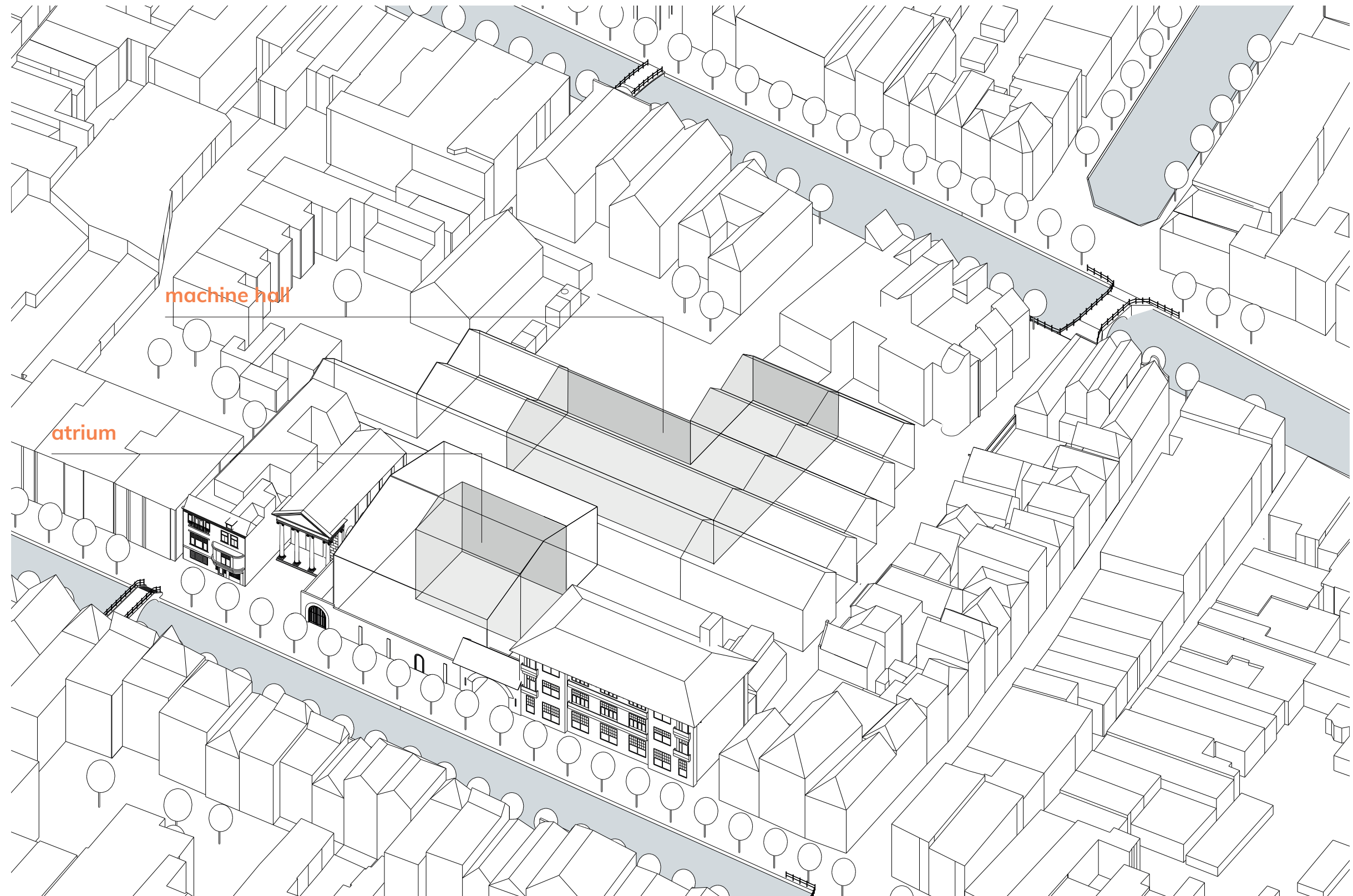
public places



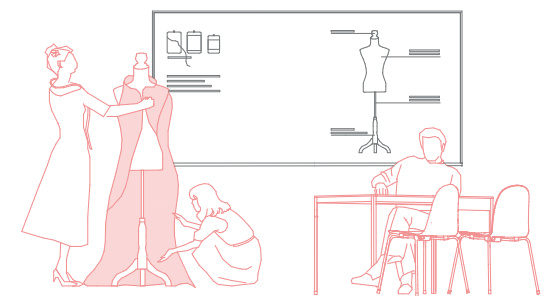
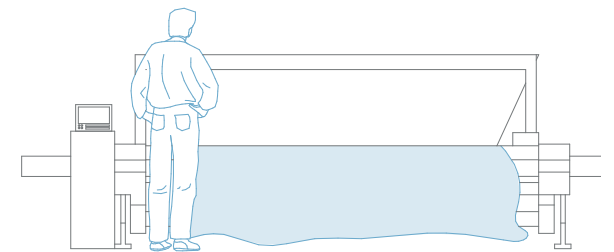
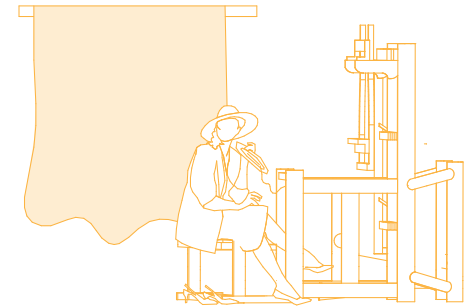
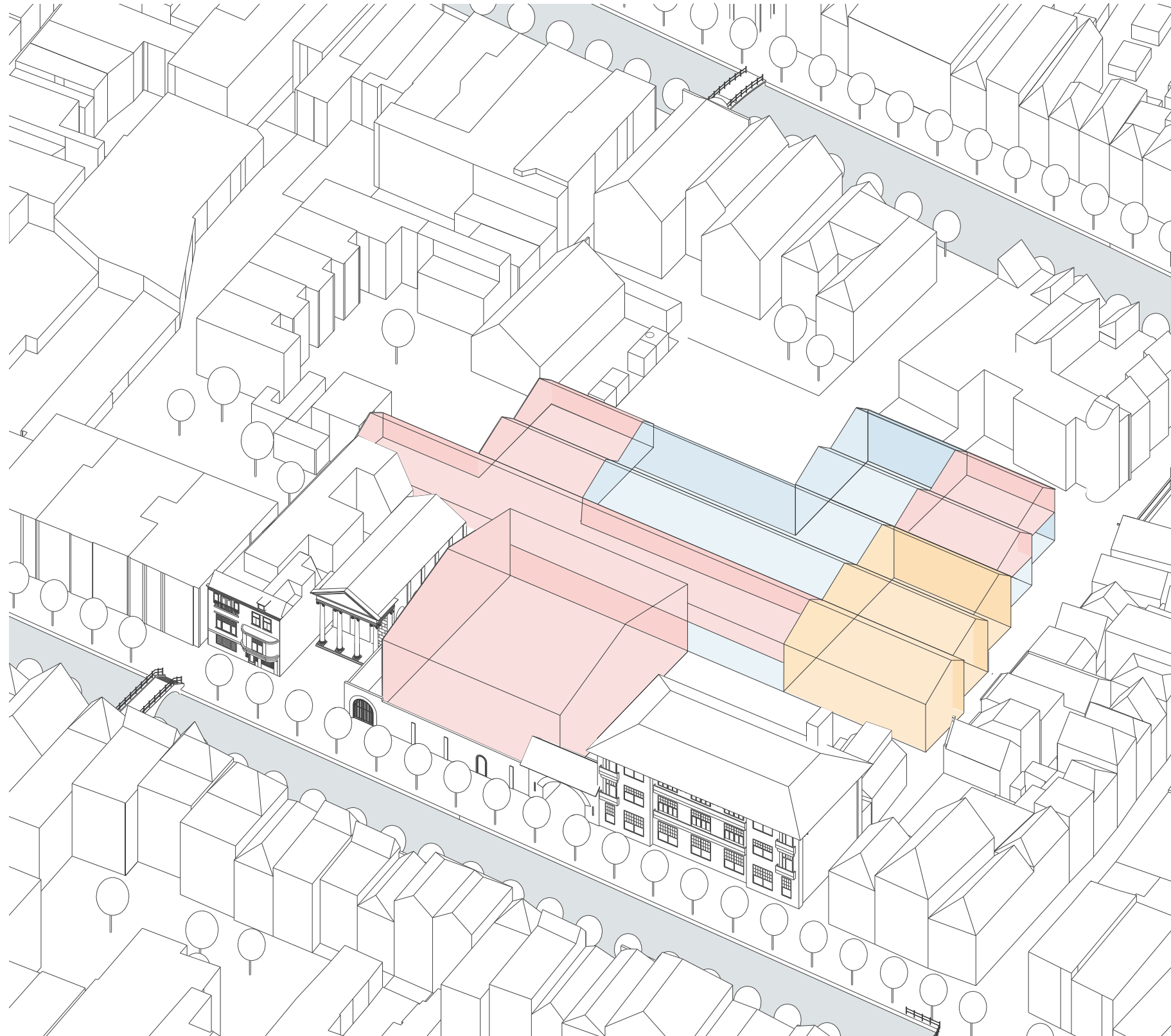
representative vs. solitary



theory + practice



two cores



integration of typologies





public square



schoolyard



historic gate



main entrance



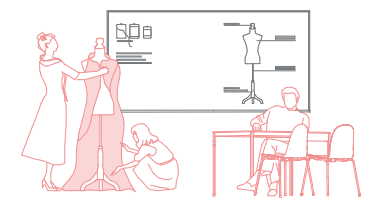
ground floor - access



ground floor - main entrance



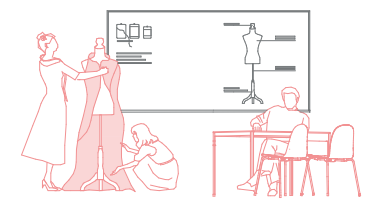
ground floor - atrium + cafeteria





ground floor - library

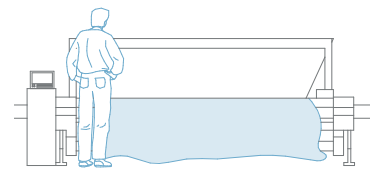




ground floor - conference and office rooms



atrium



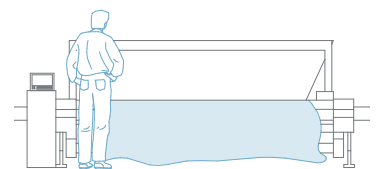
ground floor - exhibition hall



ground floor - machine hall



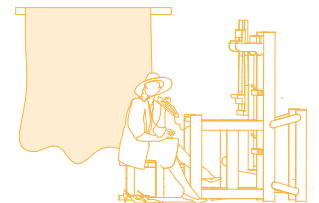
machine hall



ground floor - workshops



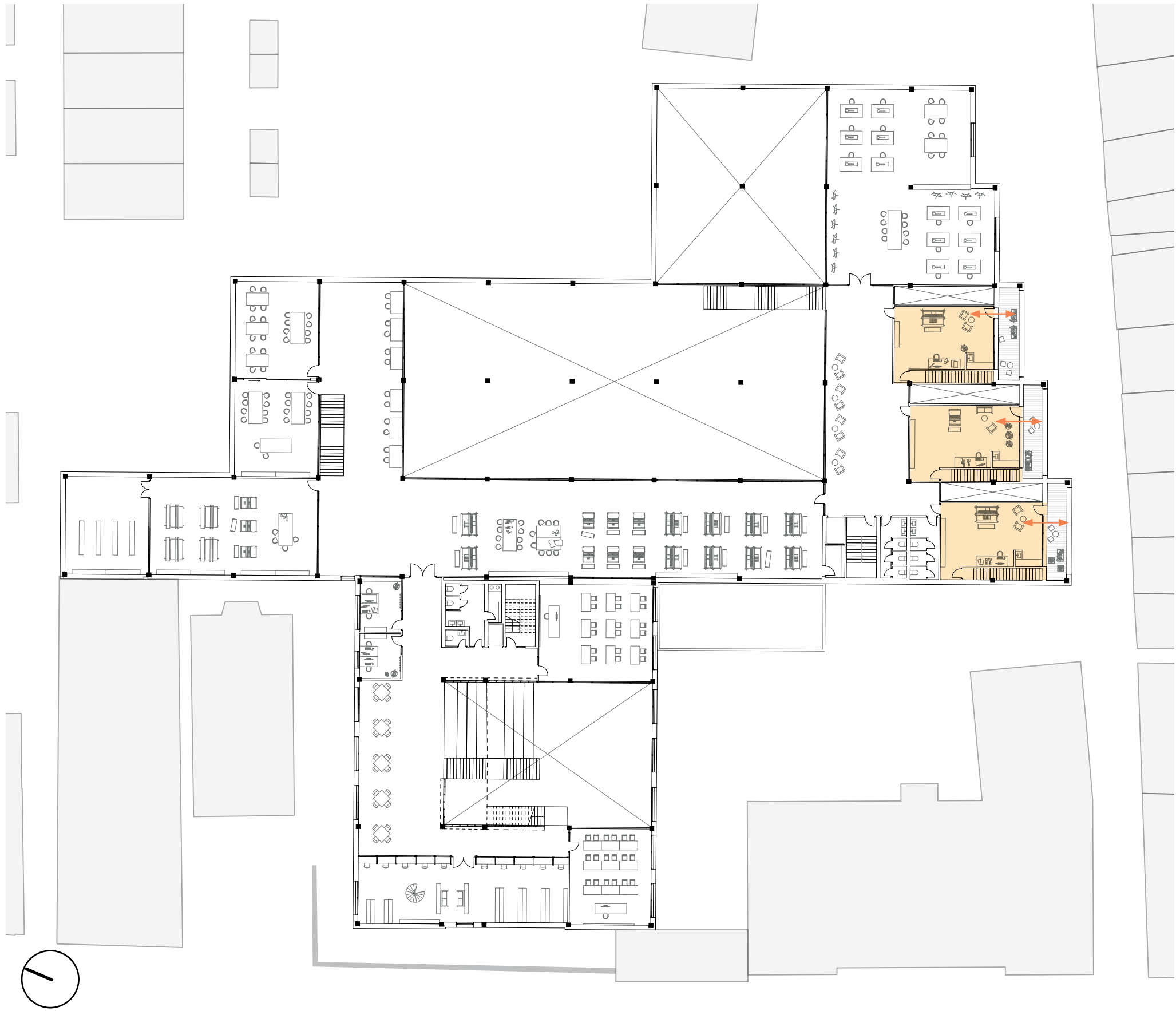
ground floor - museum + shop + café



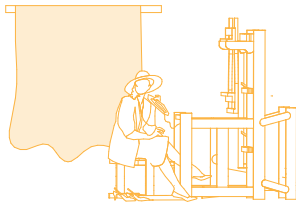
ground floor - artist studios

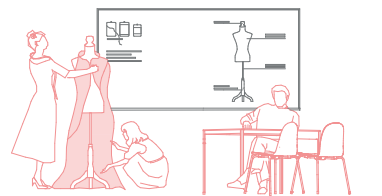
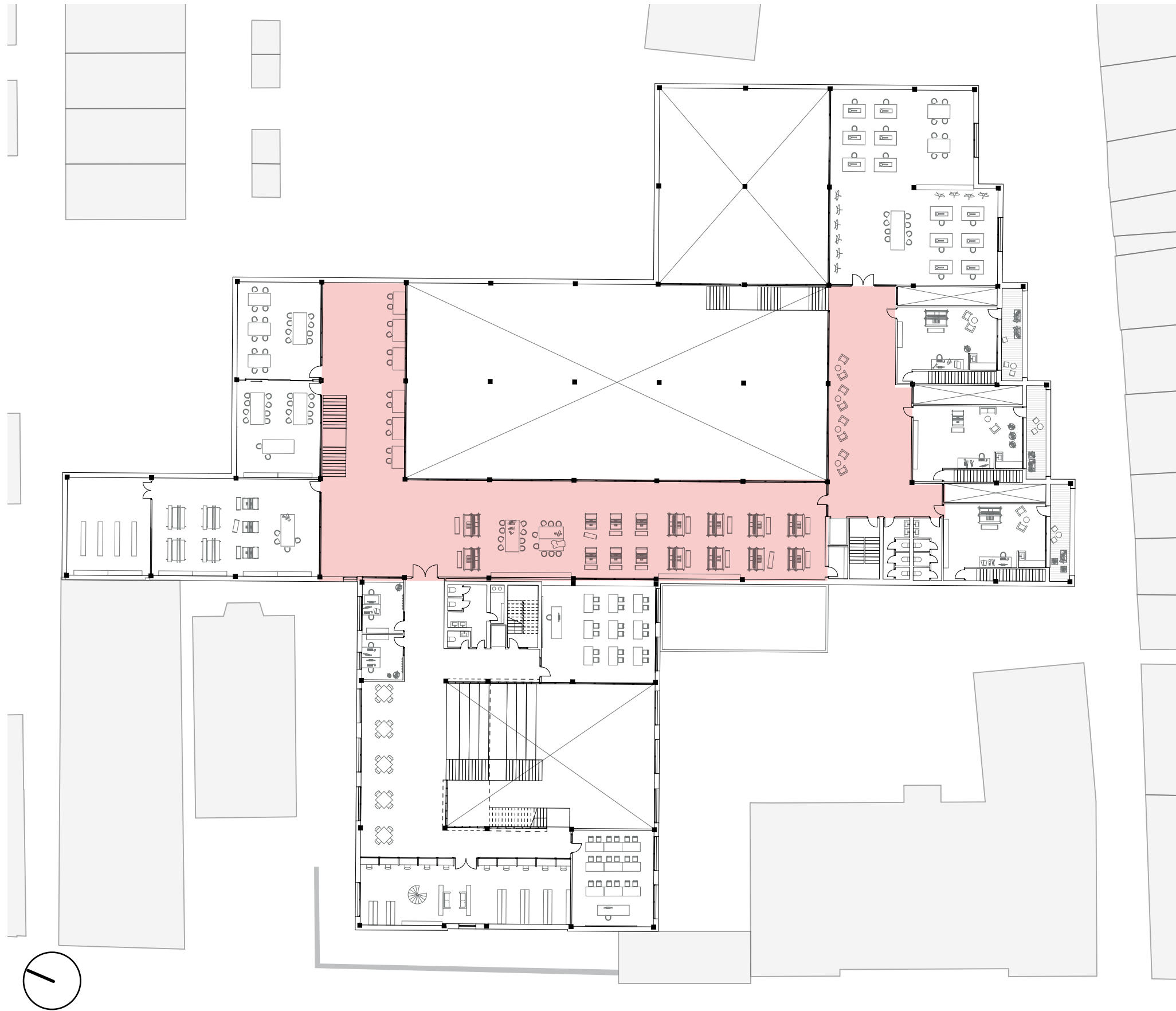


artist studio



first floor - artist studios

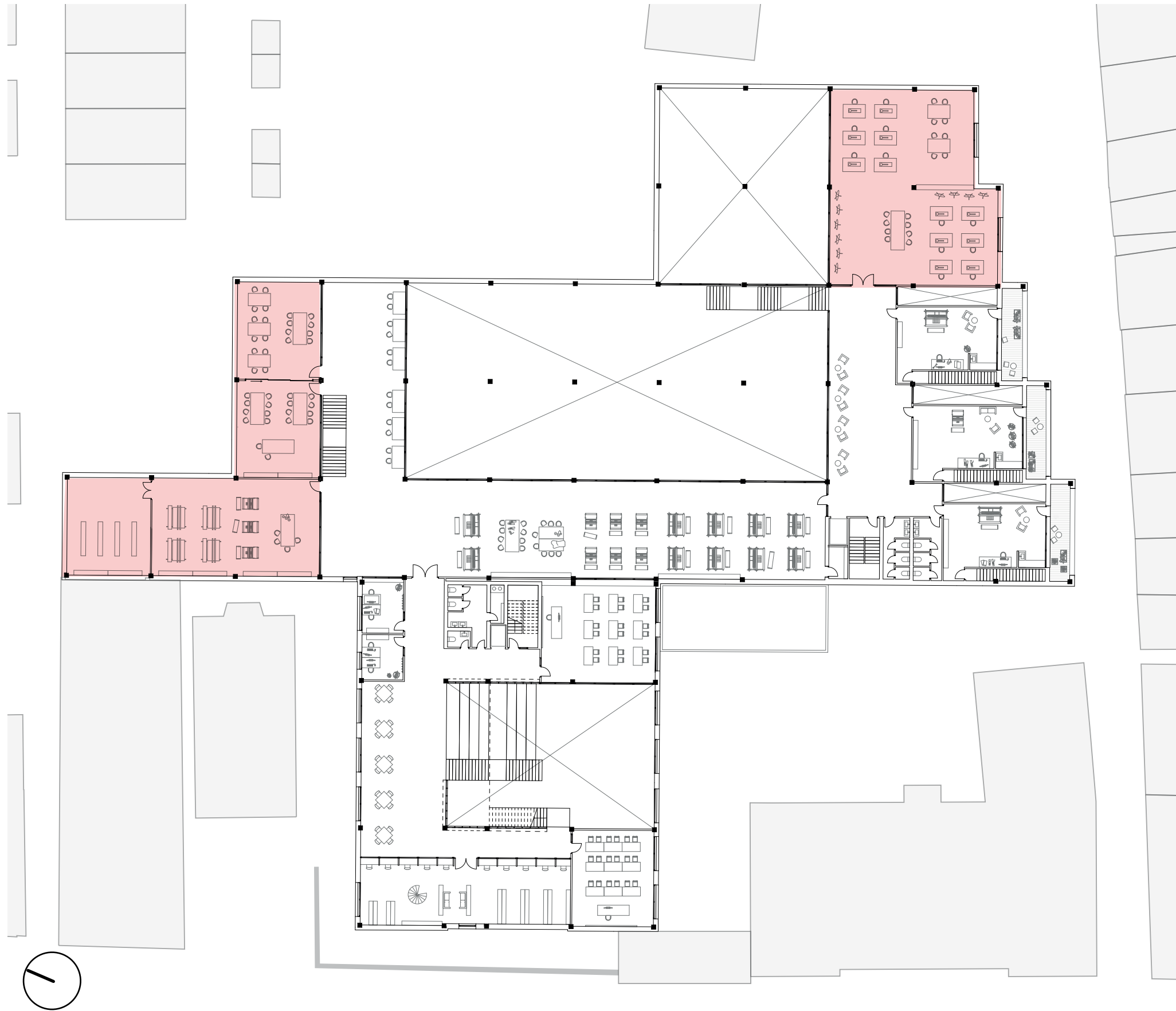




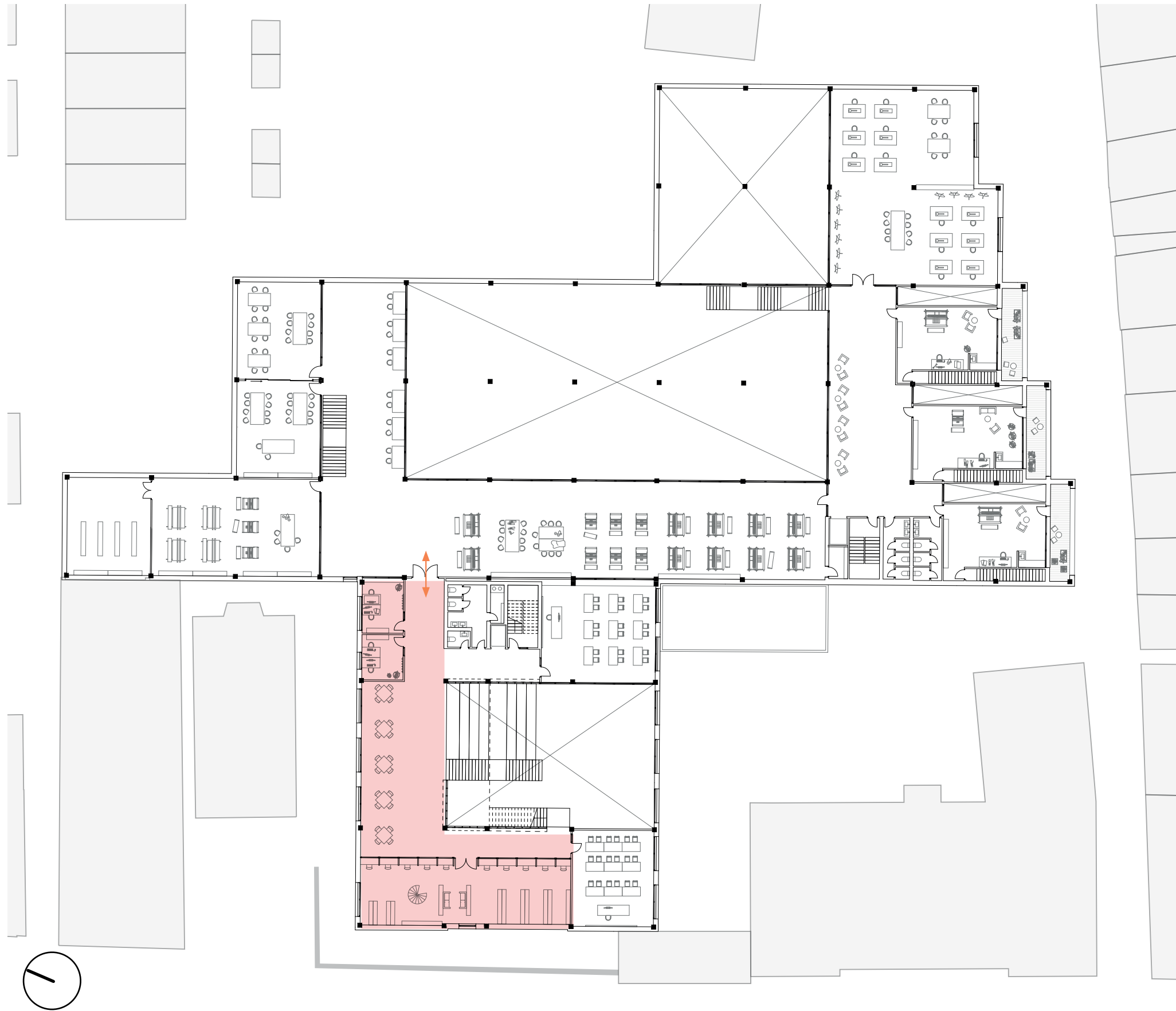
first floor - workshop hall



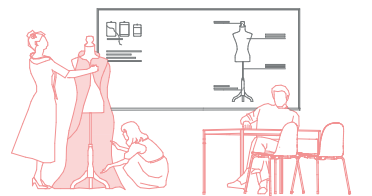
workshop hall



first floor - design + fashion ateliers

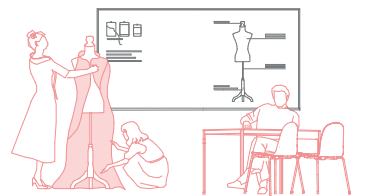


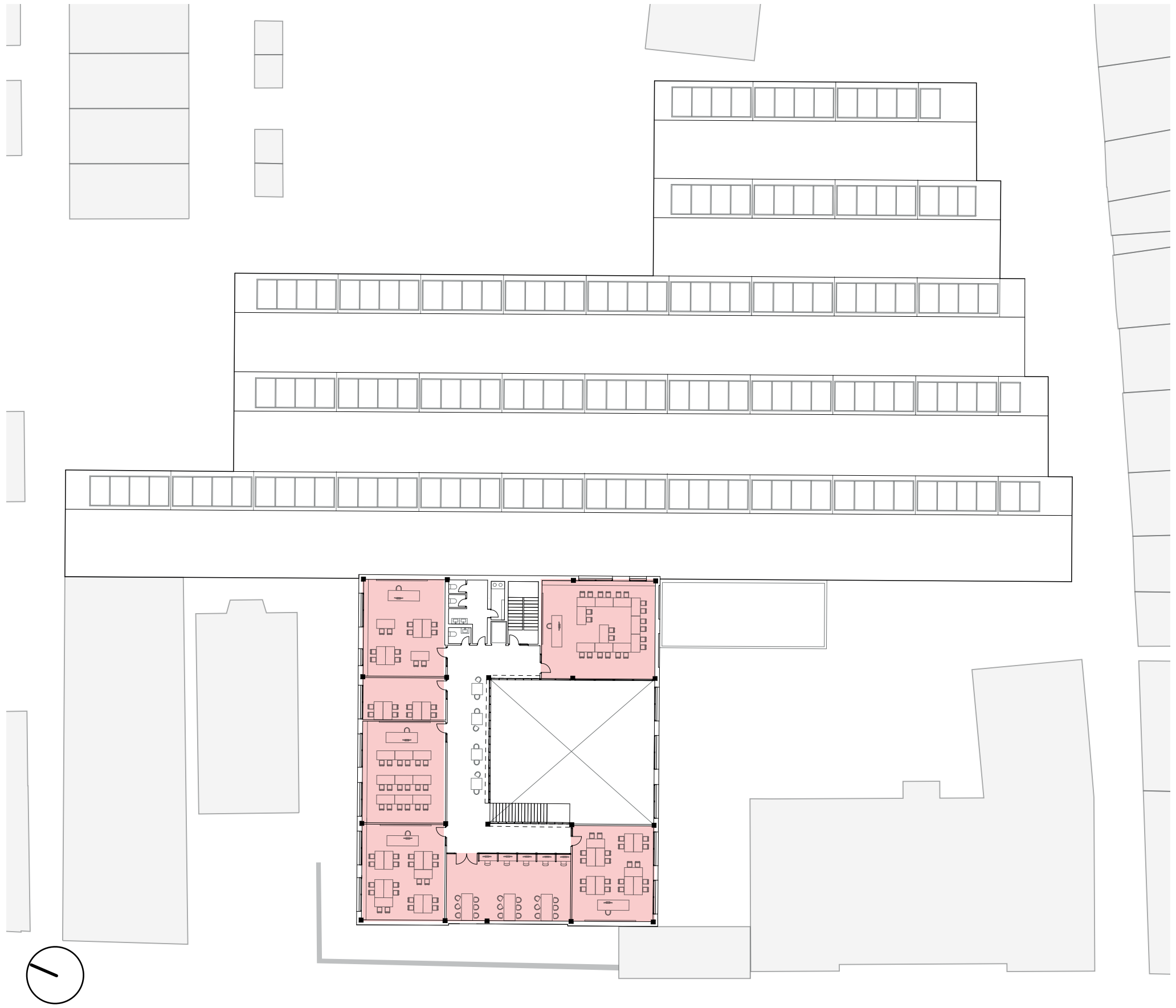
first floor - library + free working zone



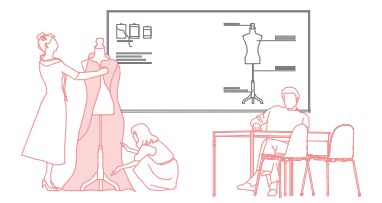


first floor - classrooms



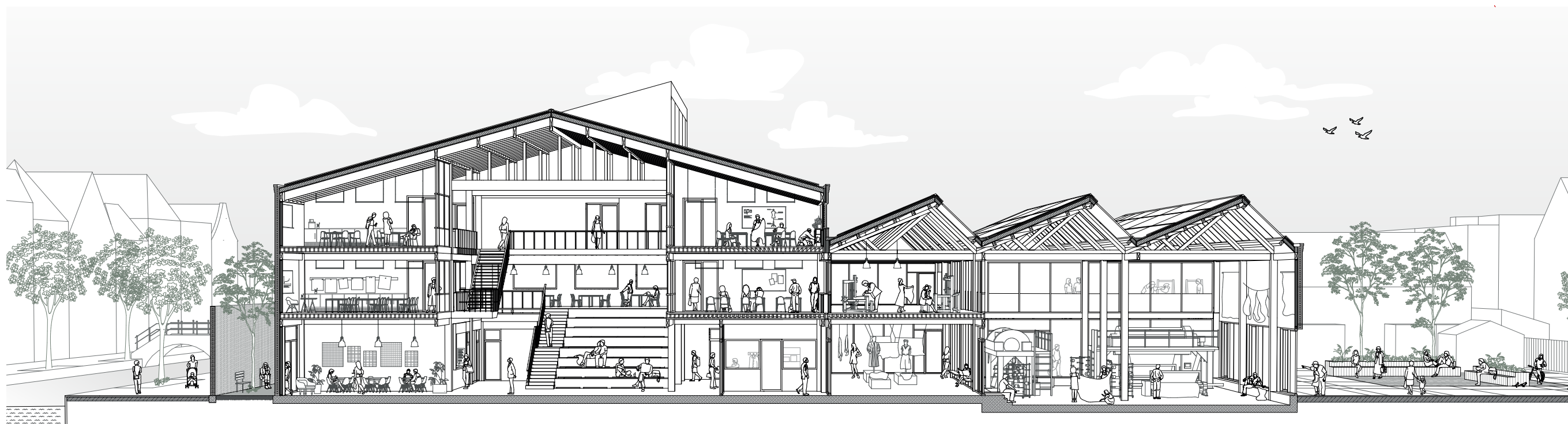
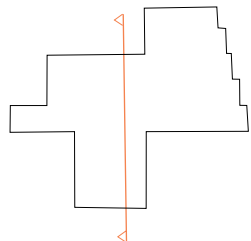


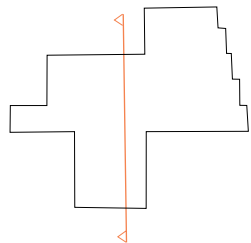
second floor - classrooms

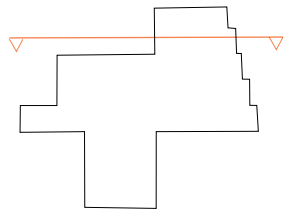


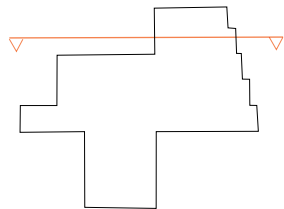


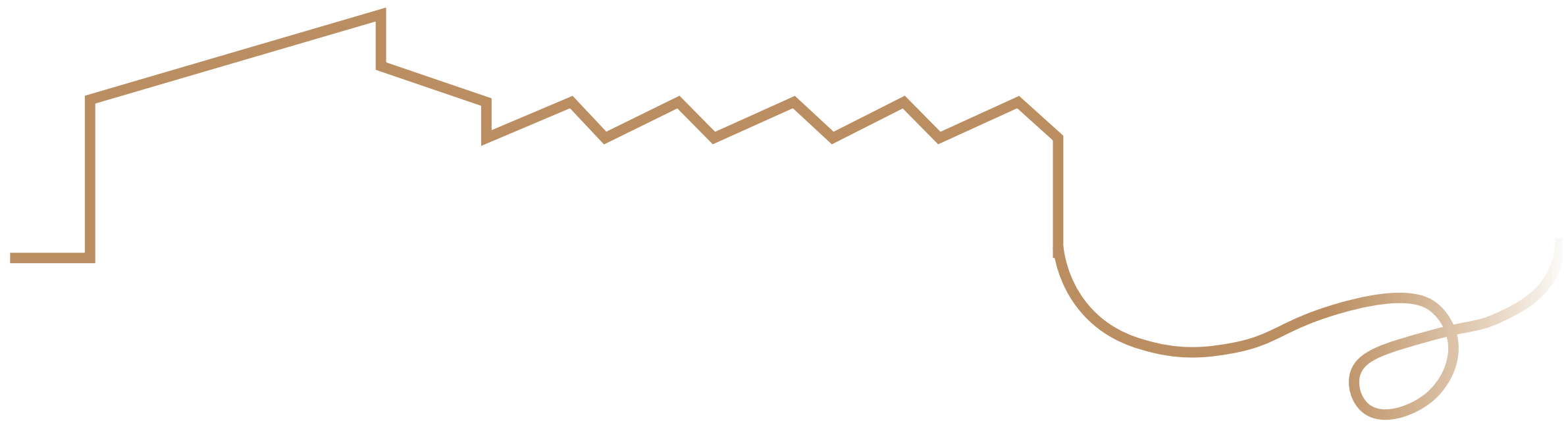
classroom











didactic architecture

*The units of bricks in a masonry bond
are comparable to weaving dimensions.*

(Koen Mulder, interview)

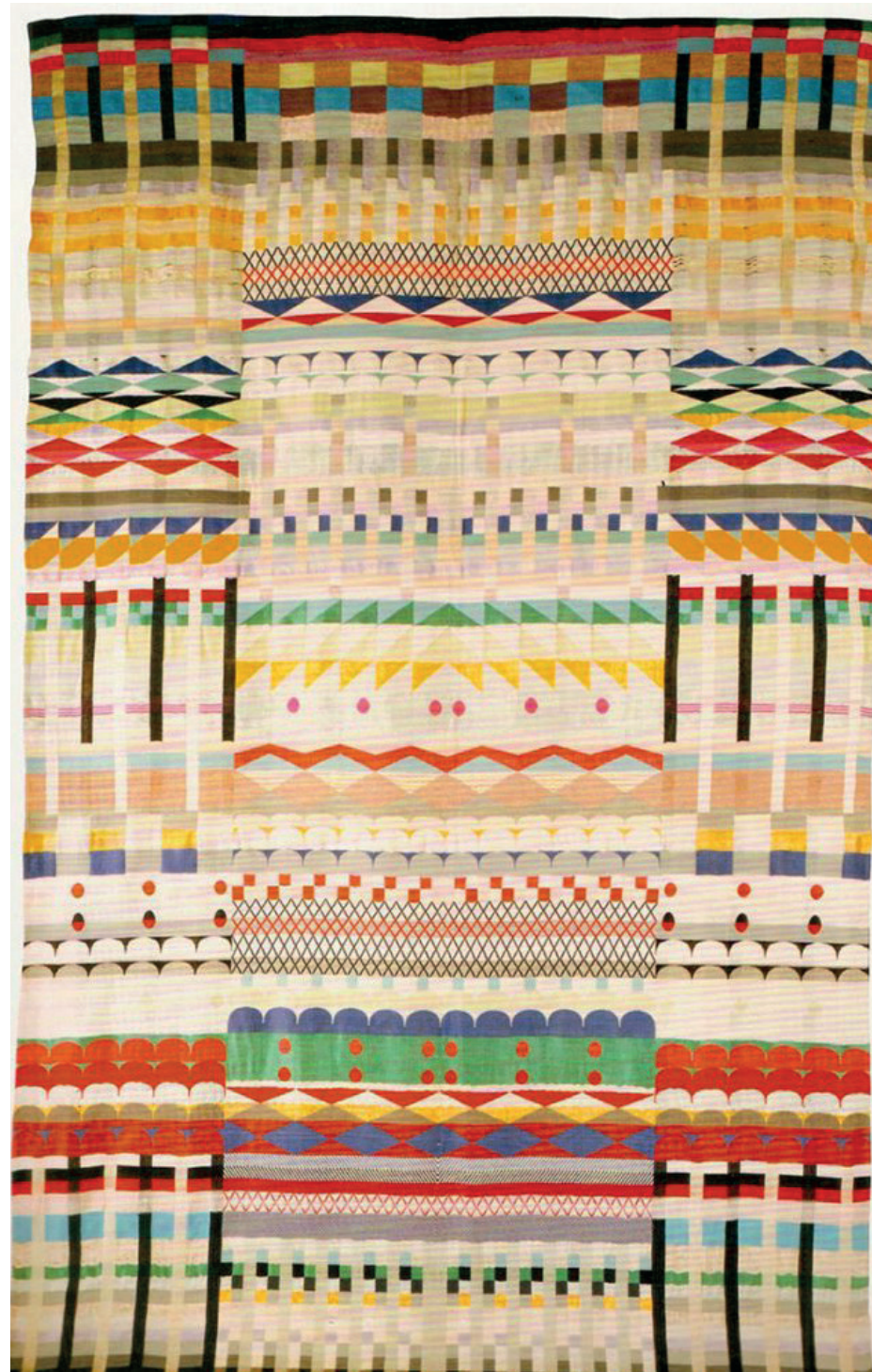
*Designers should ask themselves
why they could have built walls by stacking
bricks on top of each other without seeing
the richness of patterns in the stacking.*

*Every weaver would be surprised
that you neglected this aspect.*

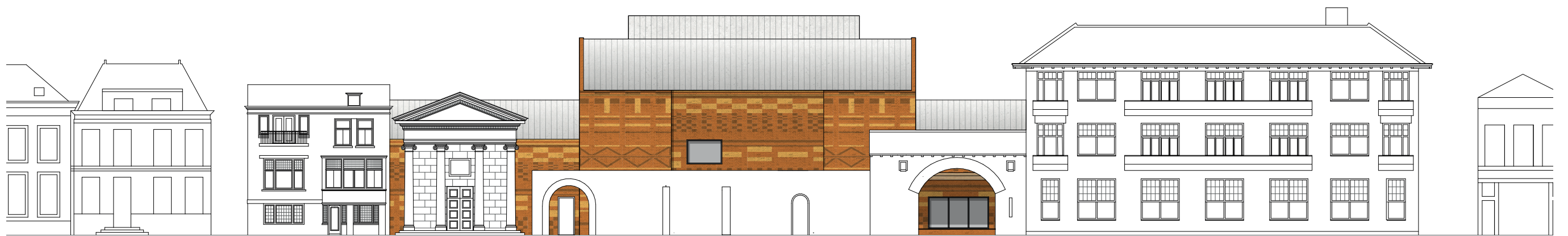
(Koen Mulder, Het Zinderend Oppervlak, p.5)

*Grids, repetition and order in brick facades
inspire my creativity.*

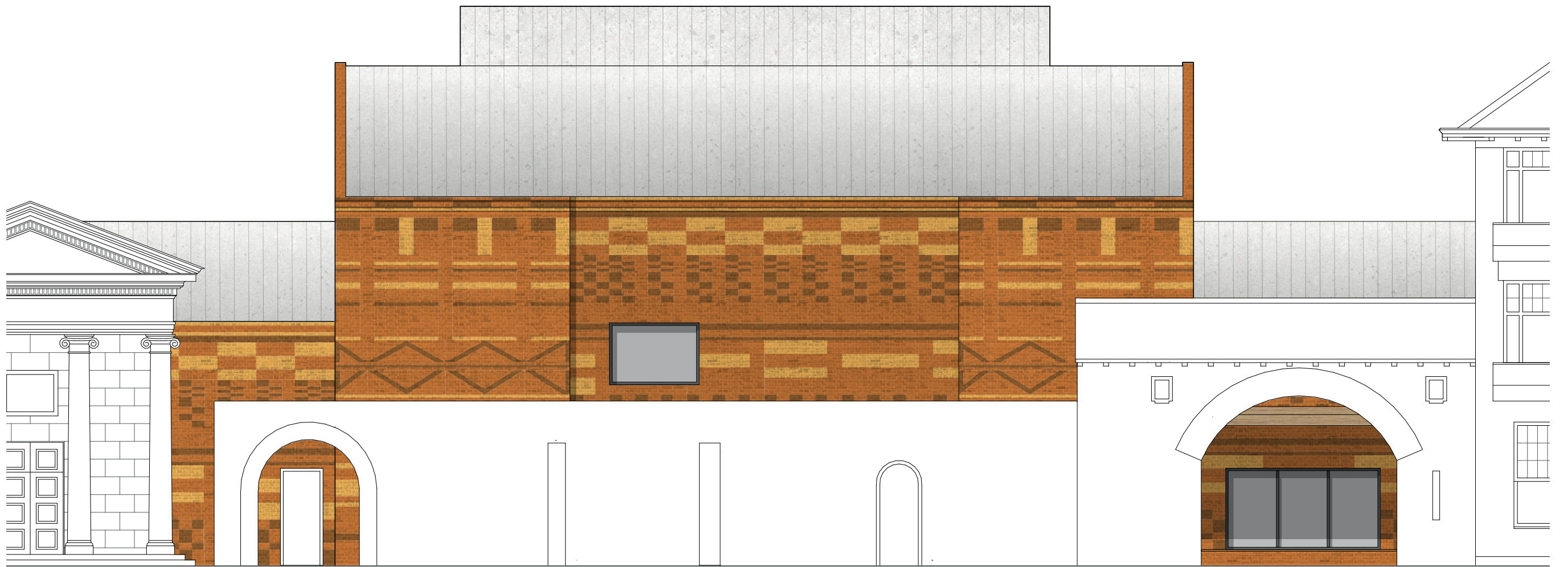
(Aleksandra Gaca, textile designer)



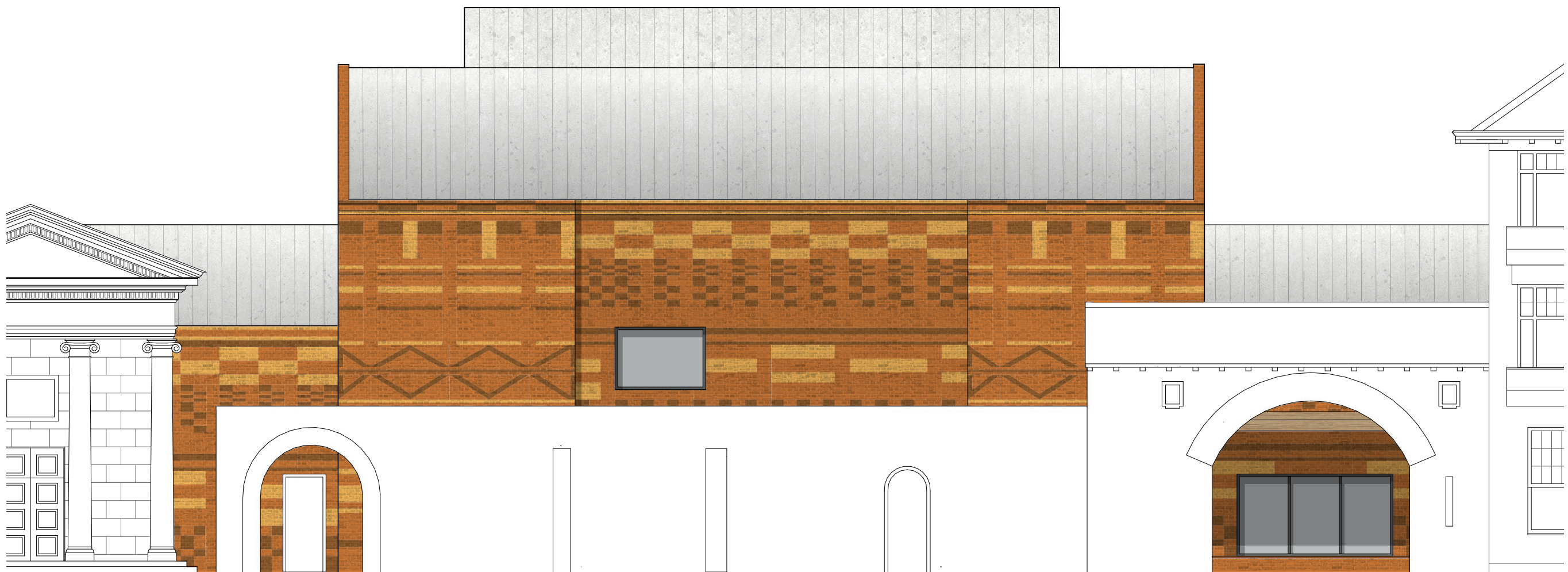
tapestry 5 Chöre by Guntha Stötzl

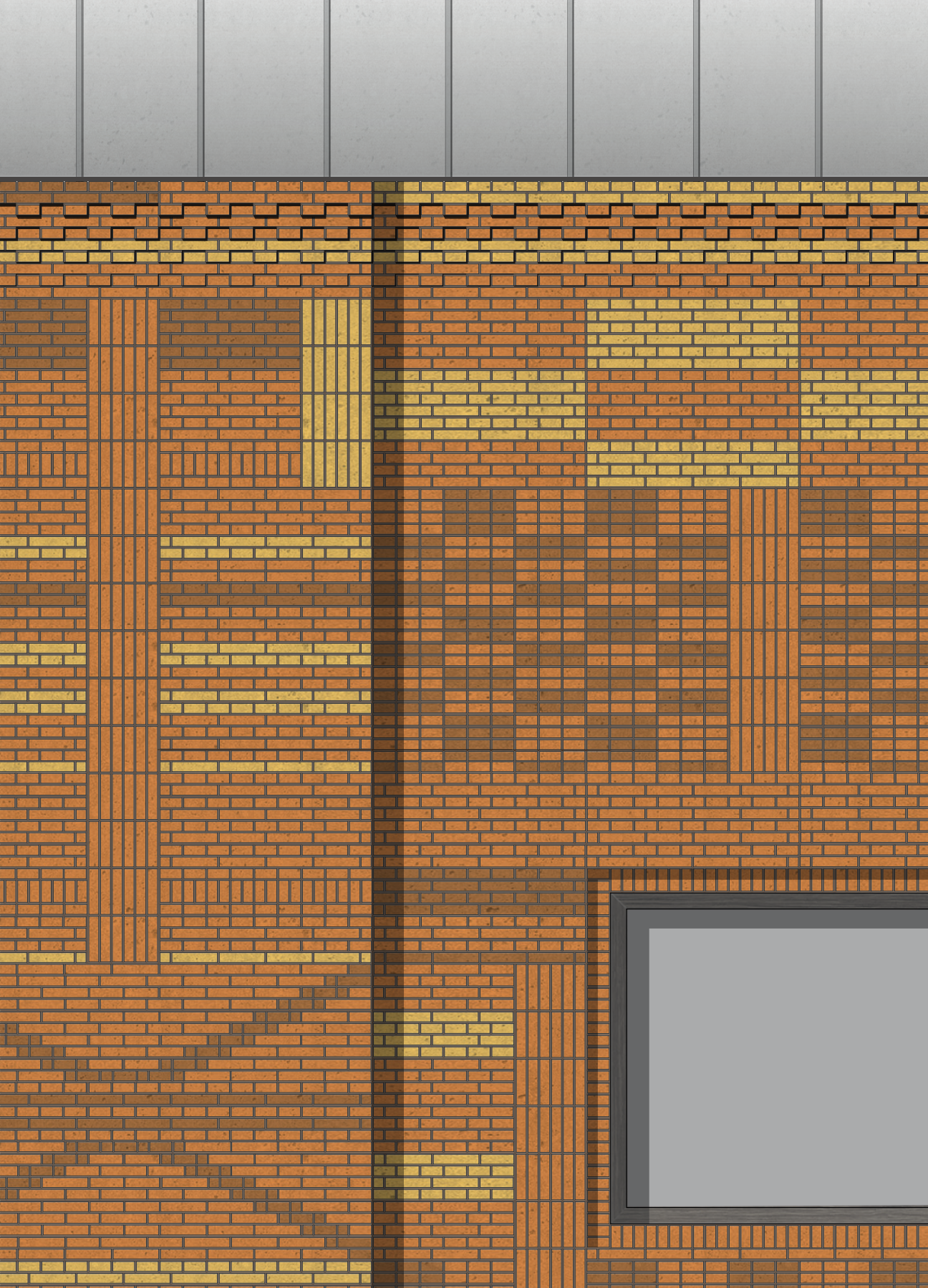


elevation front facade



elevation front facade





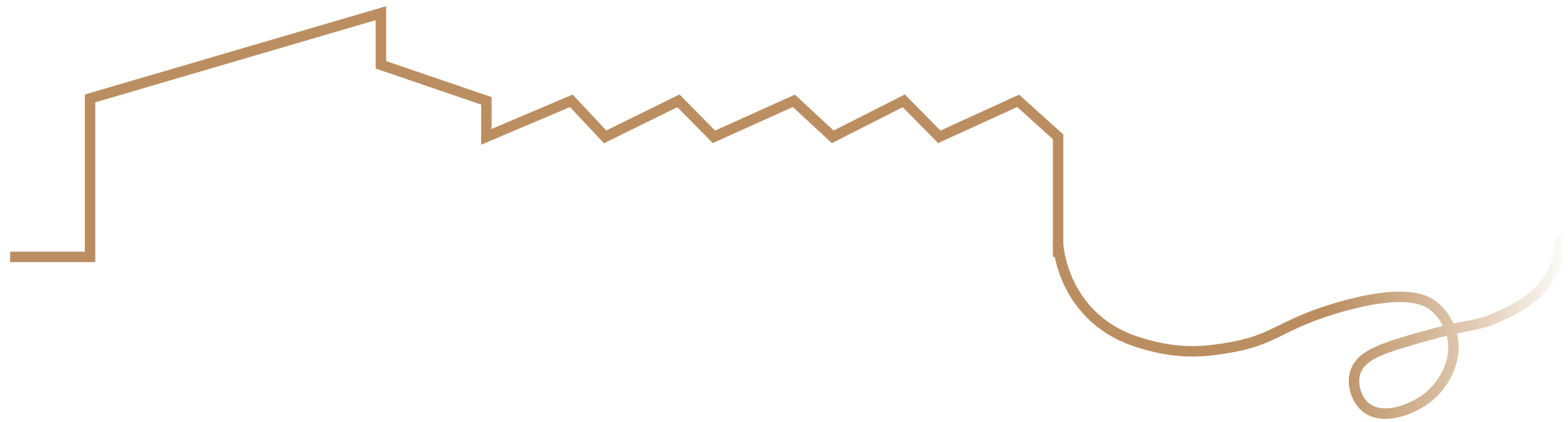
detail facade fragment



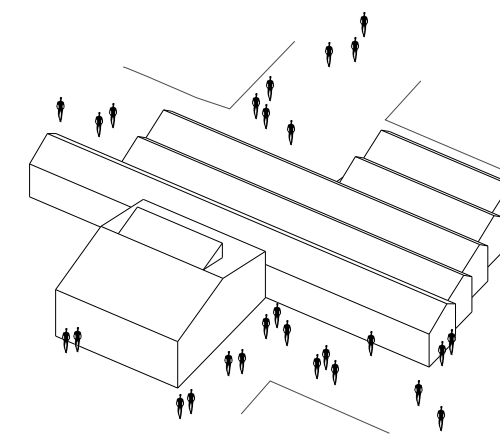
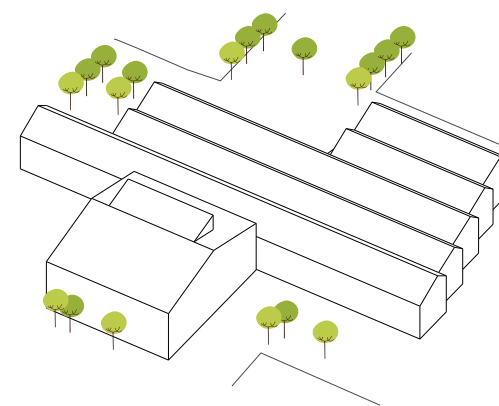
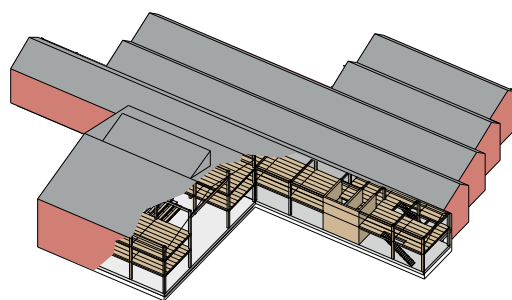
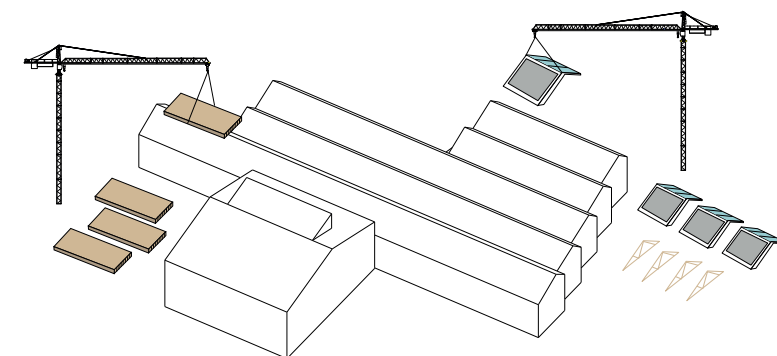
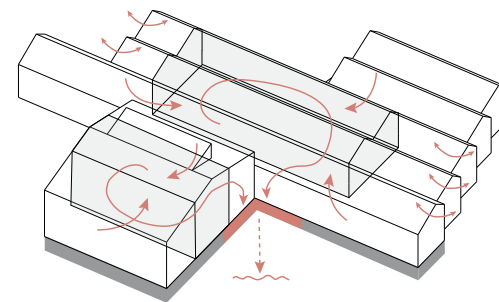
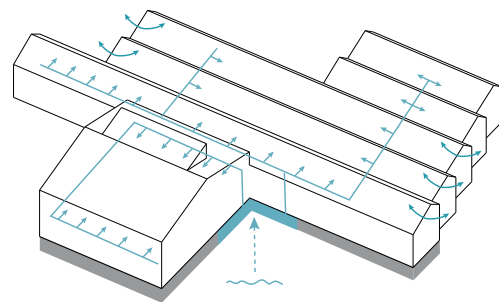
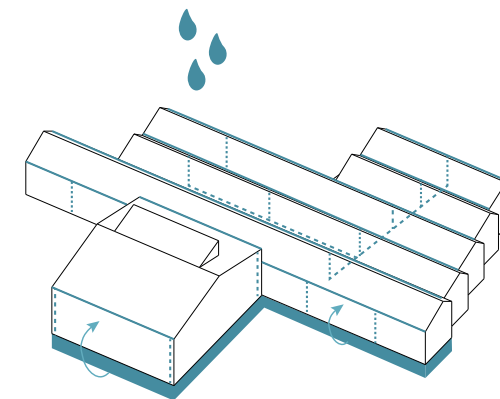
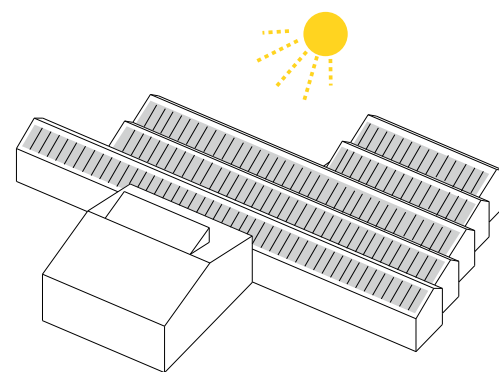
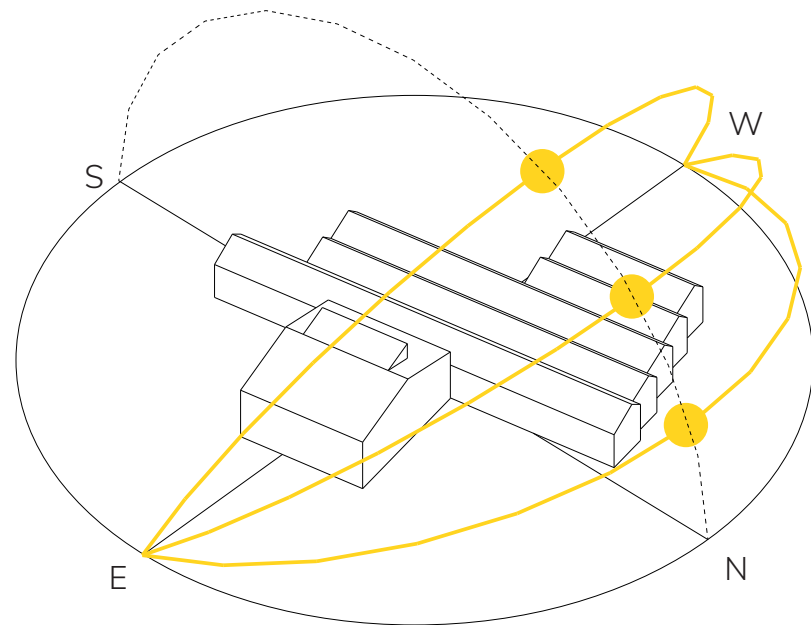
elevation side facade



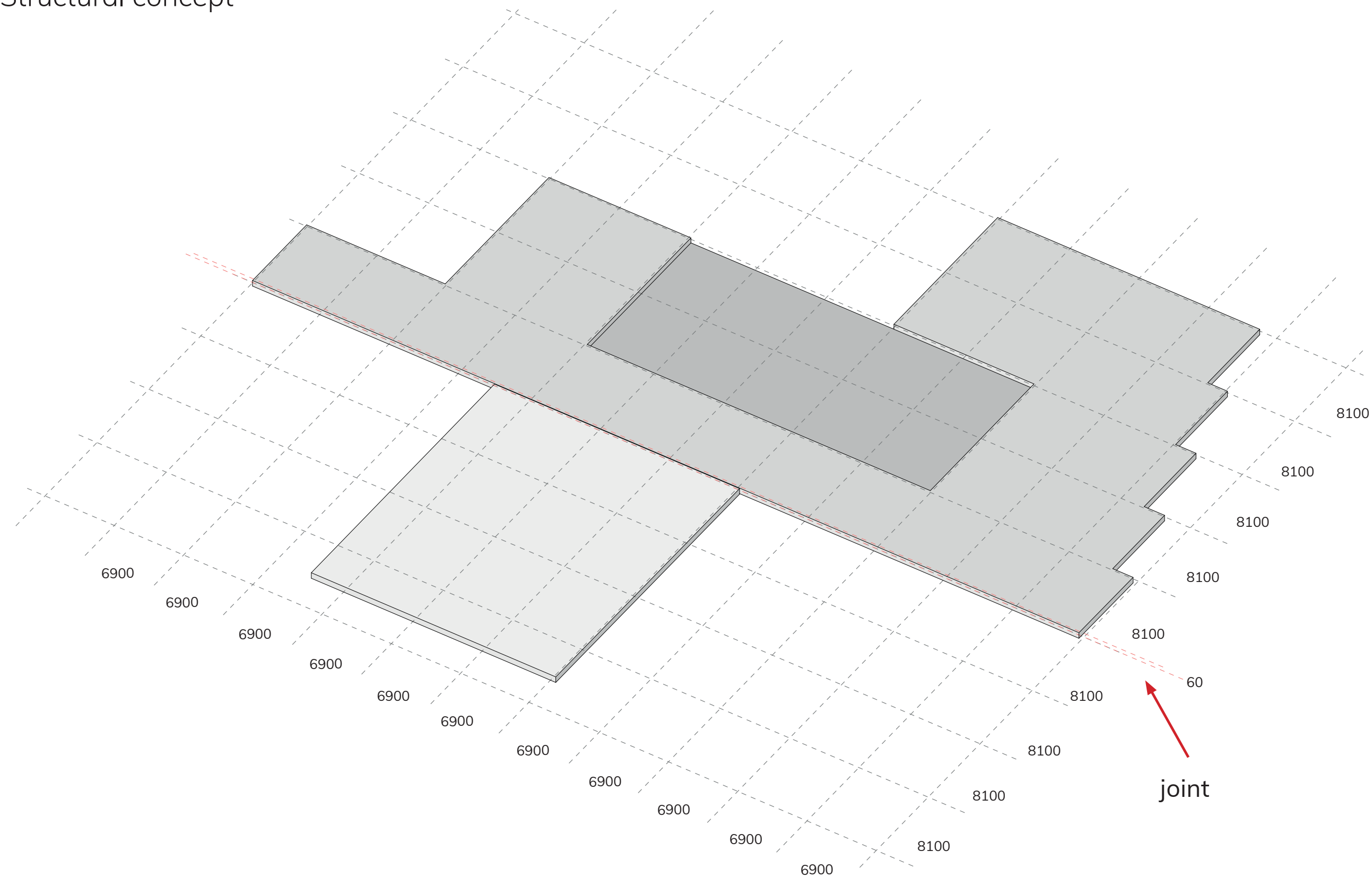
Gasthuissteeg



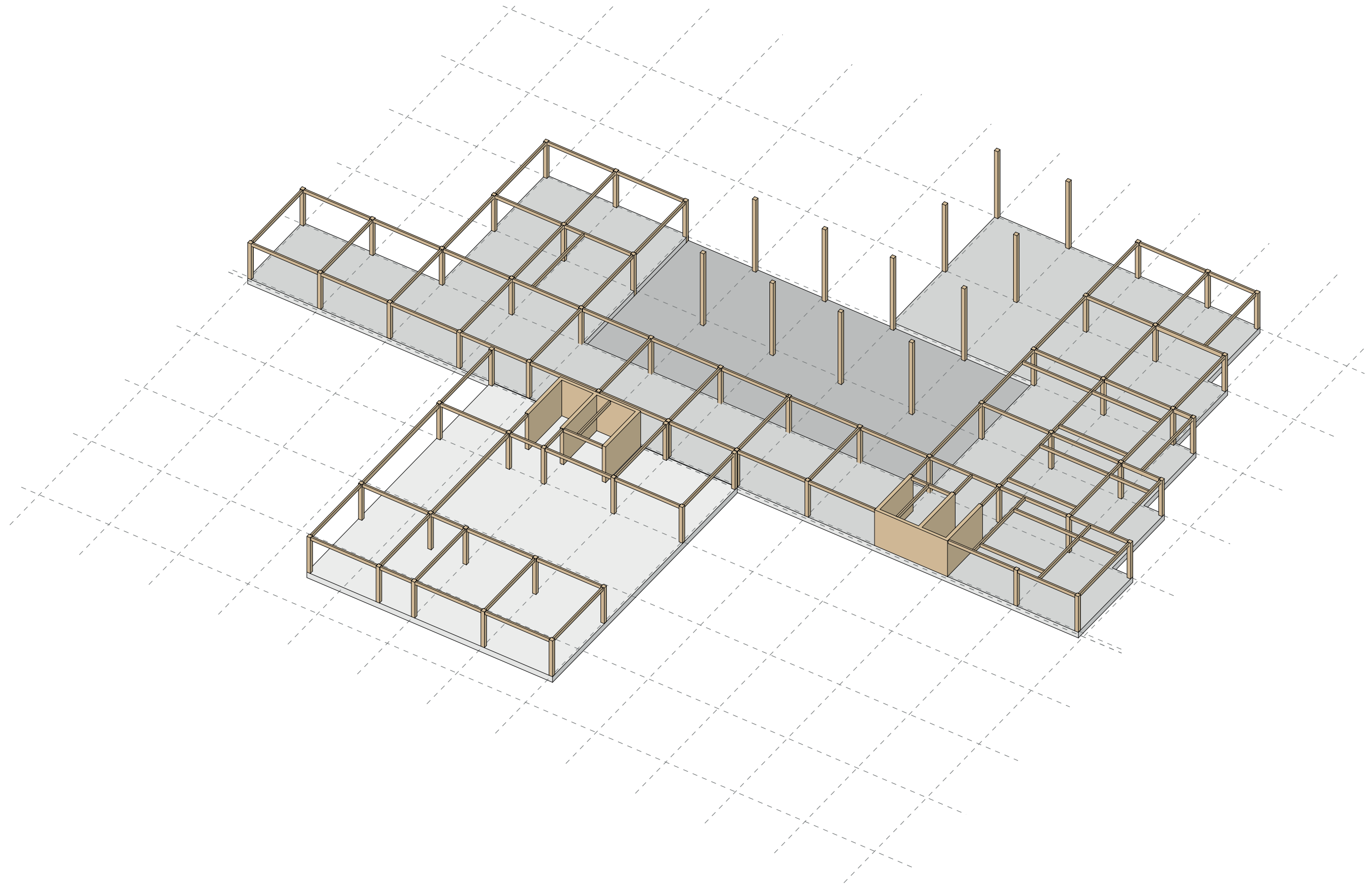
sustainability concept



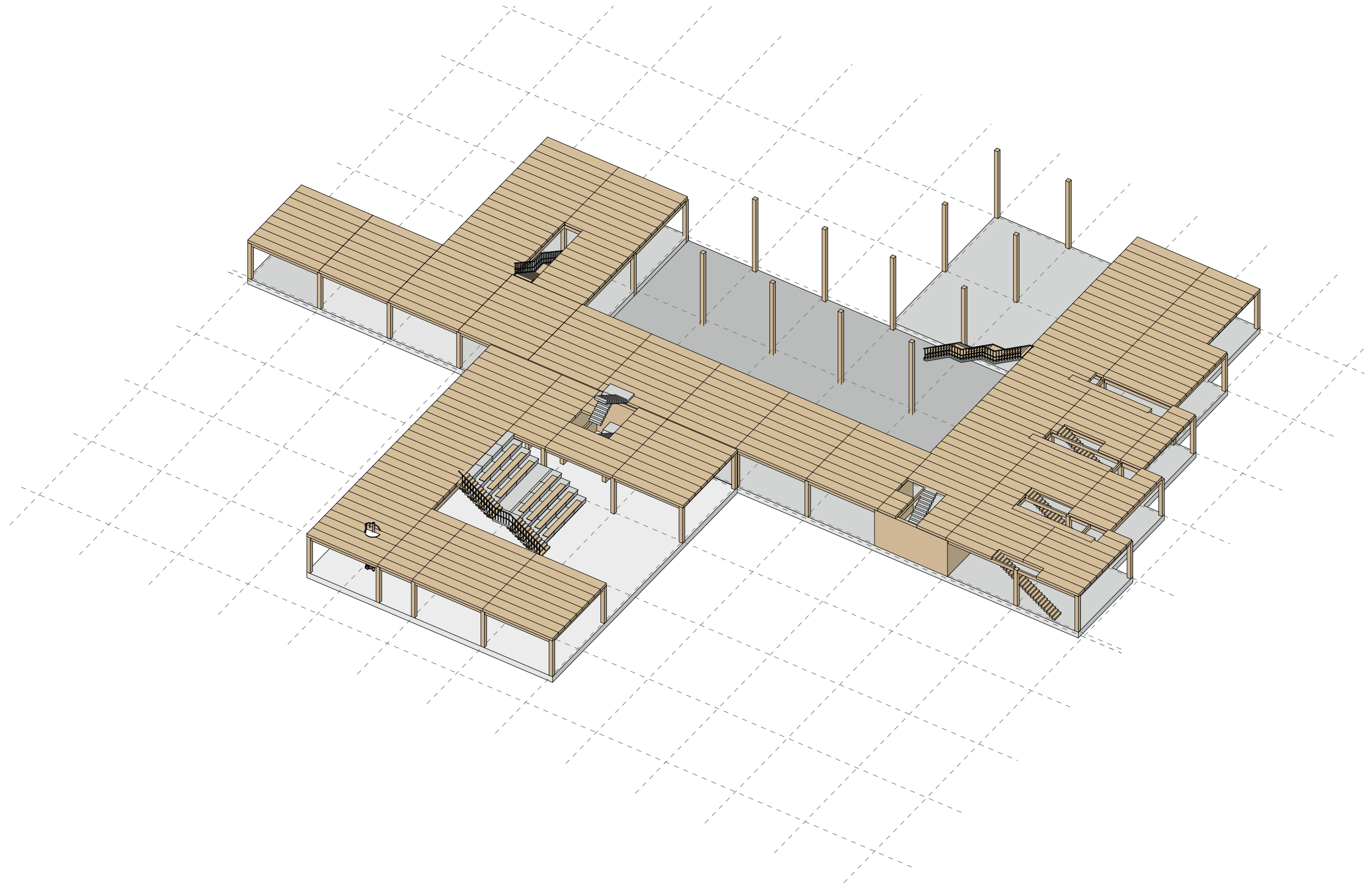
Structural concept



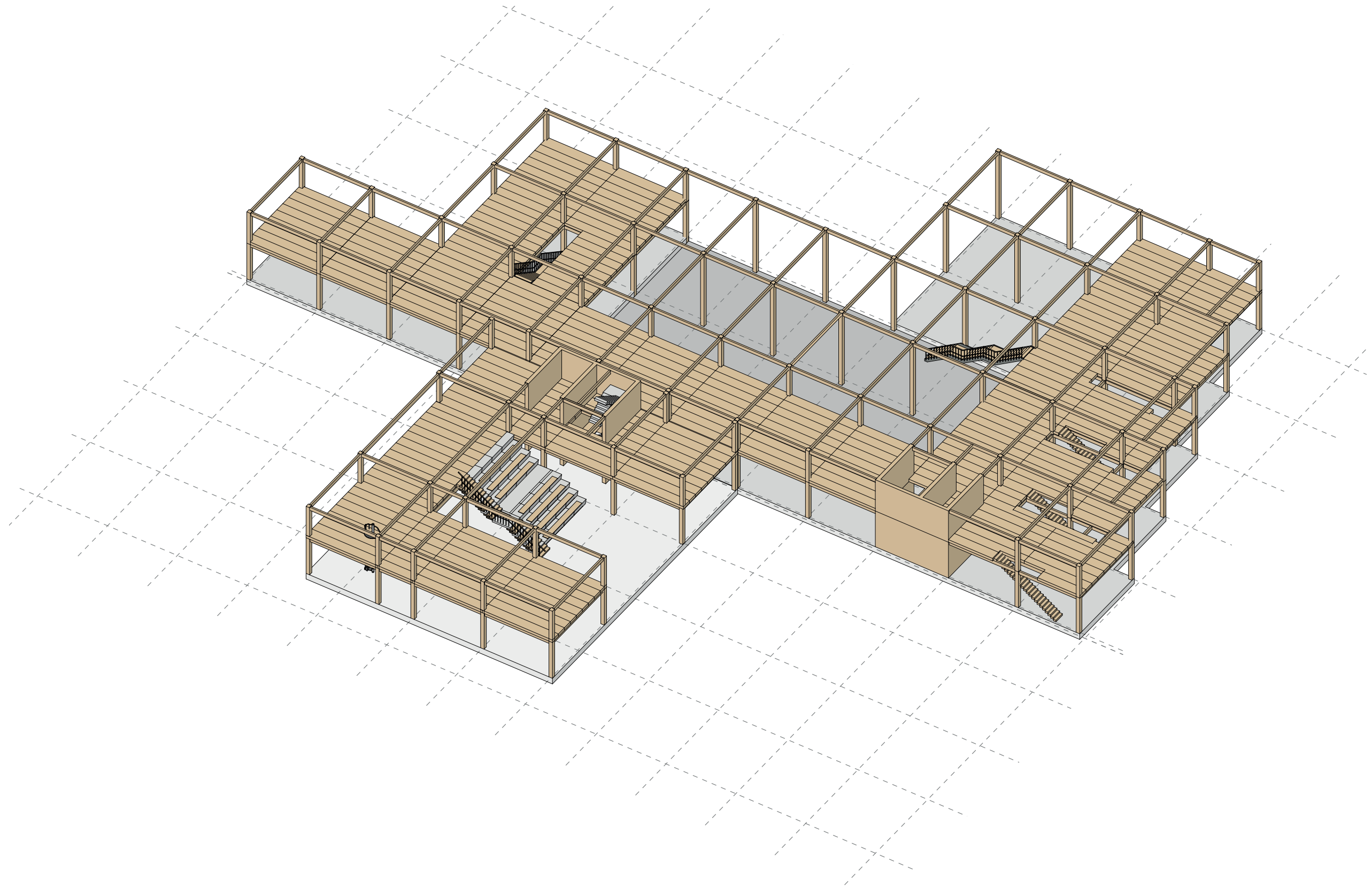
concrete strip footing with concrete floor



GLT post and beam structure



Lignatur floor elements

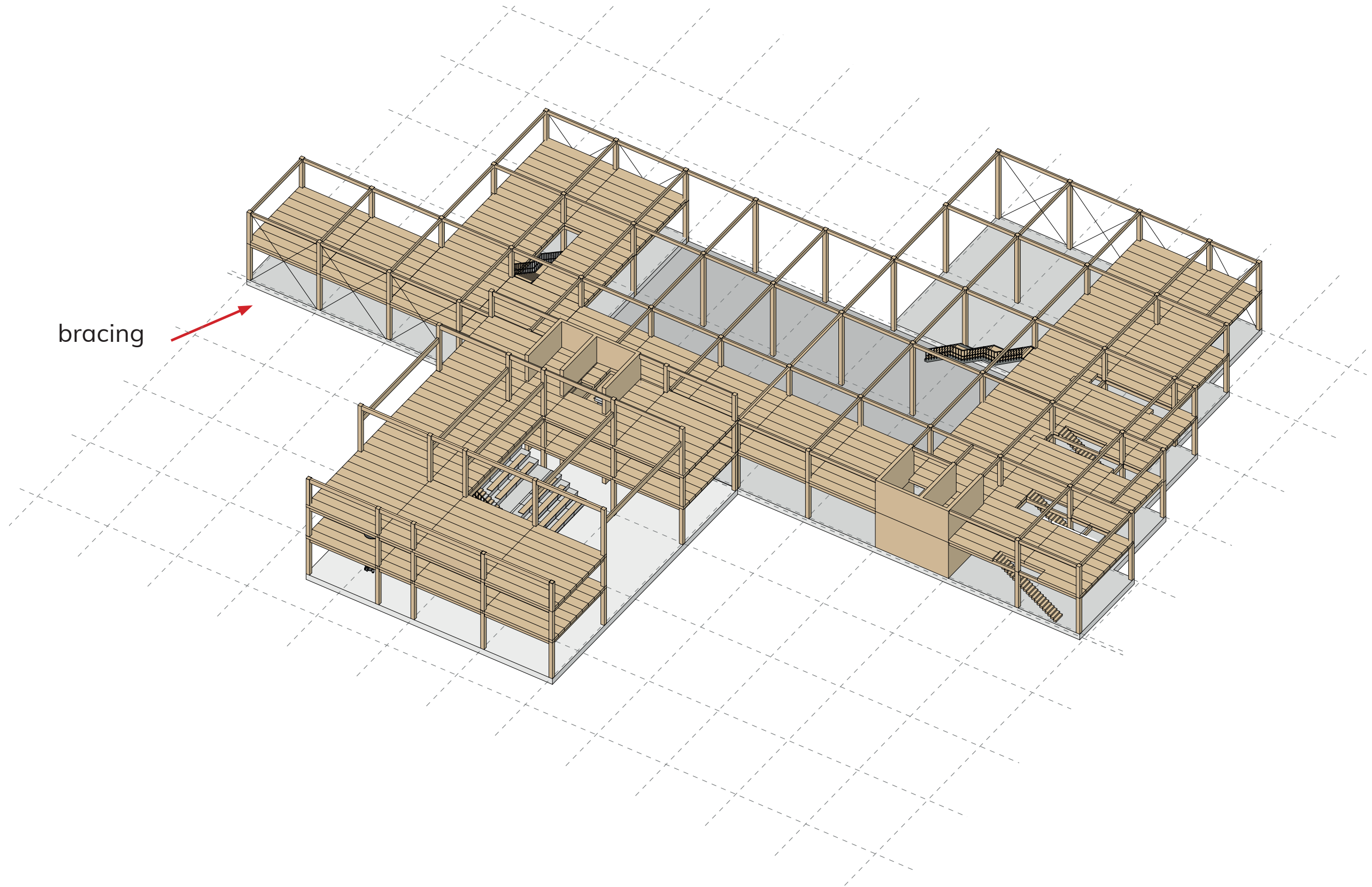


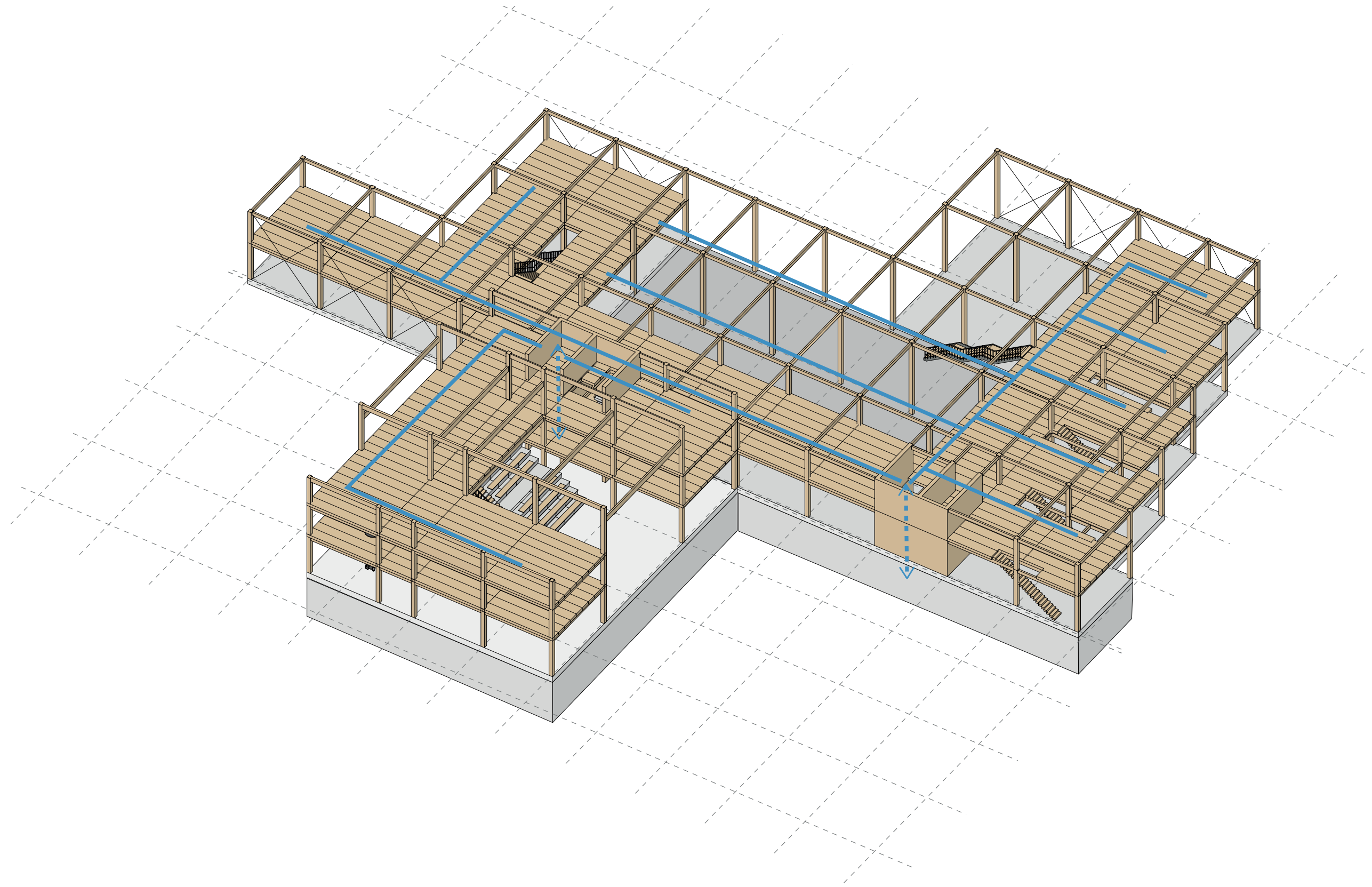
GLT post and beam structure

bracing

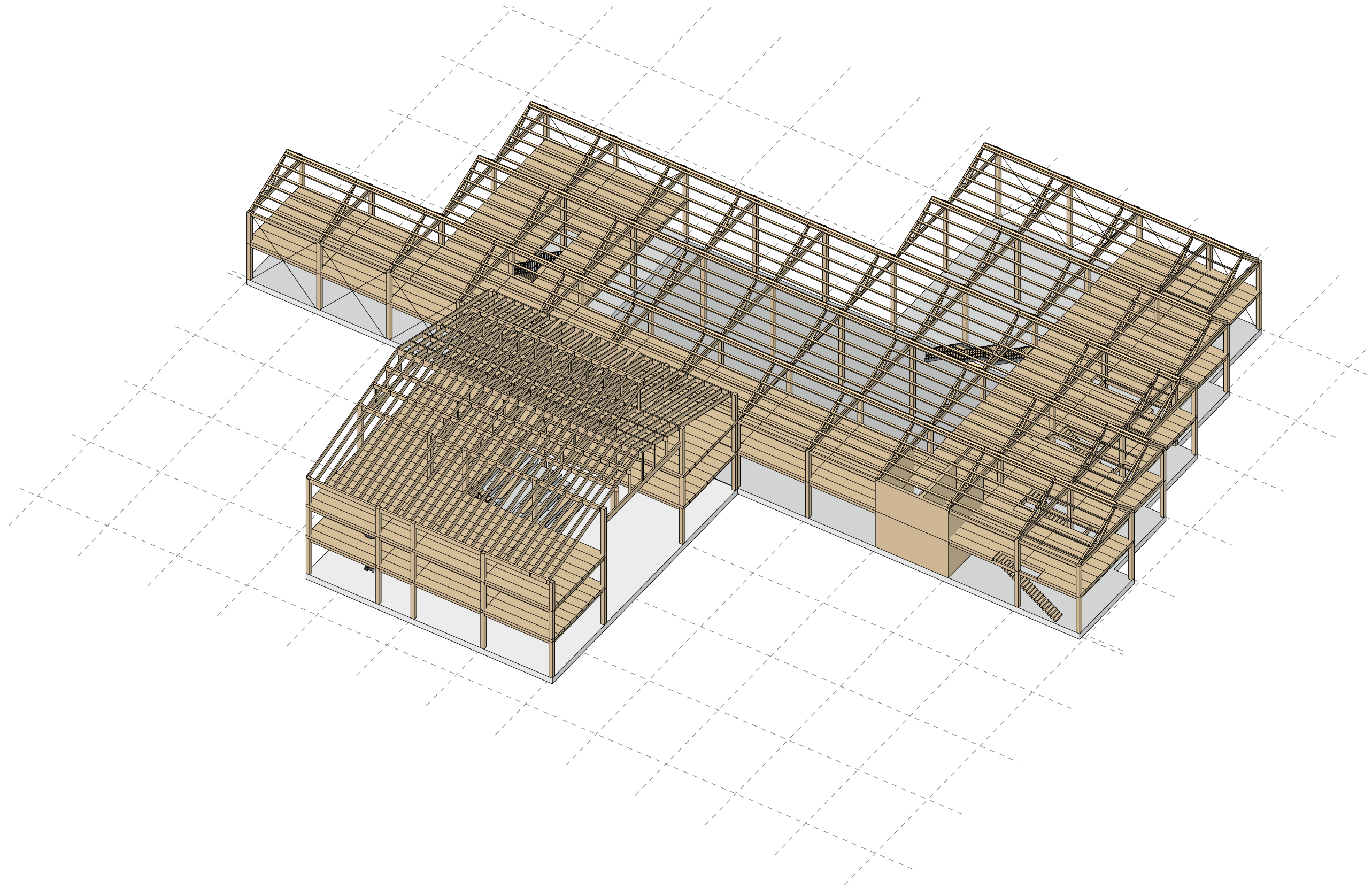


steal bracing

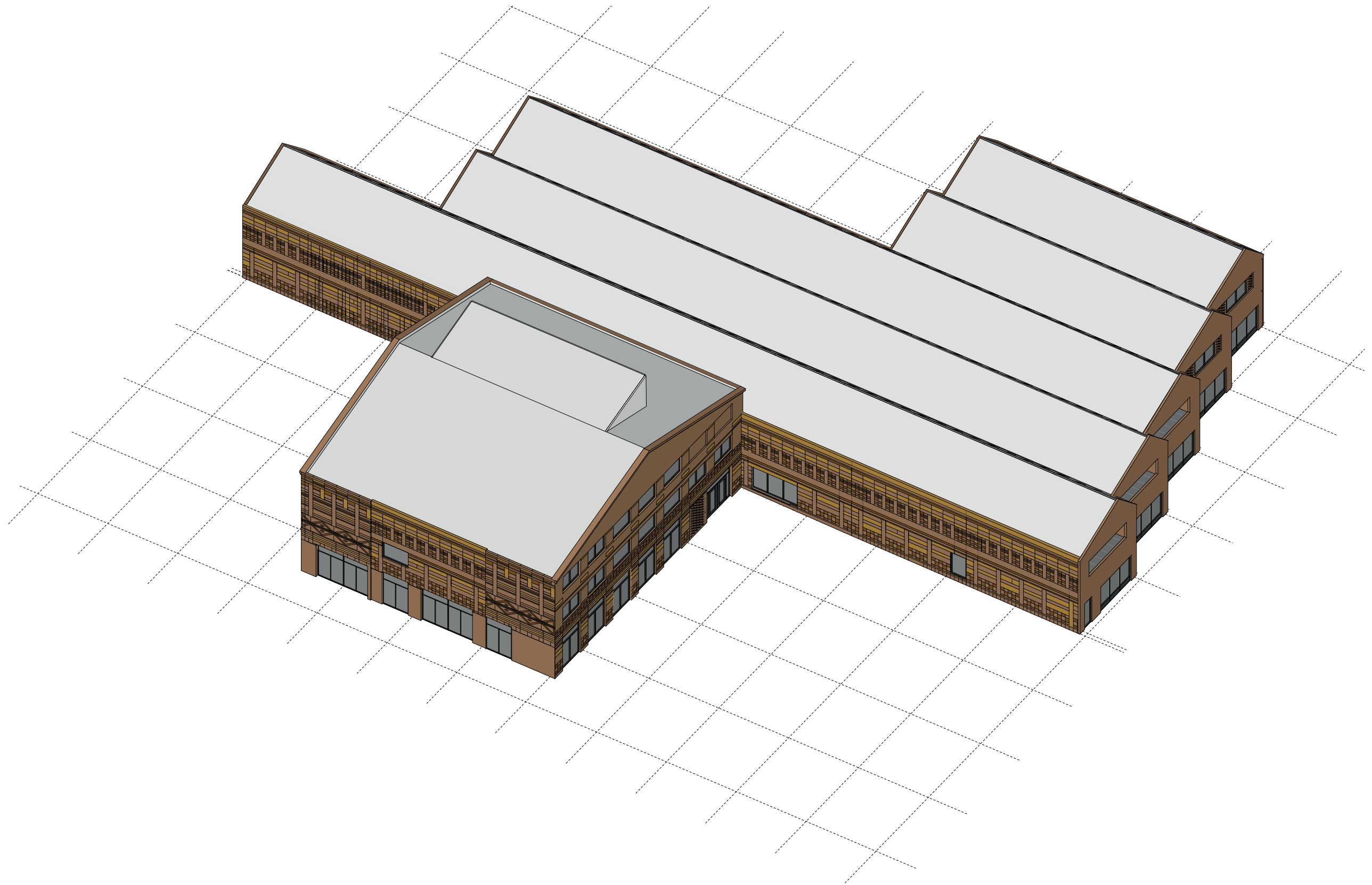




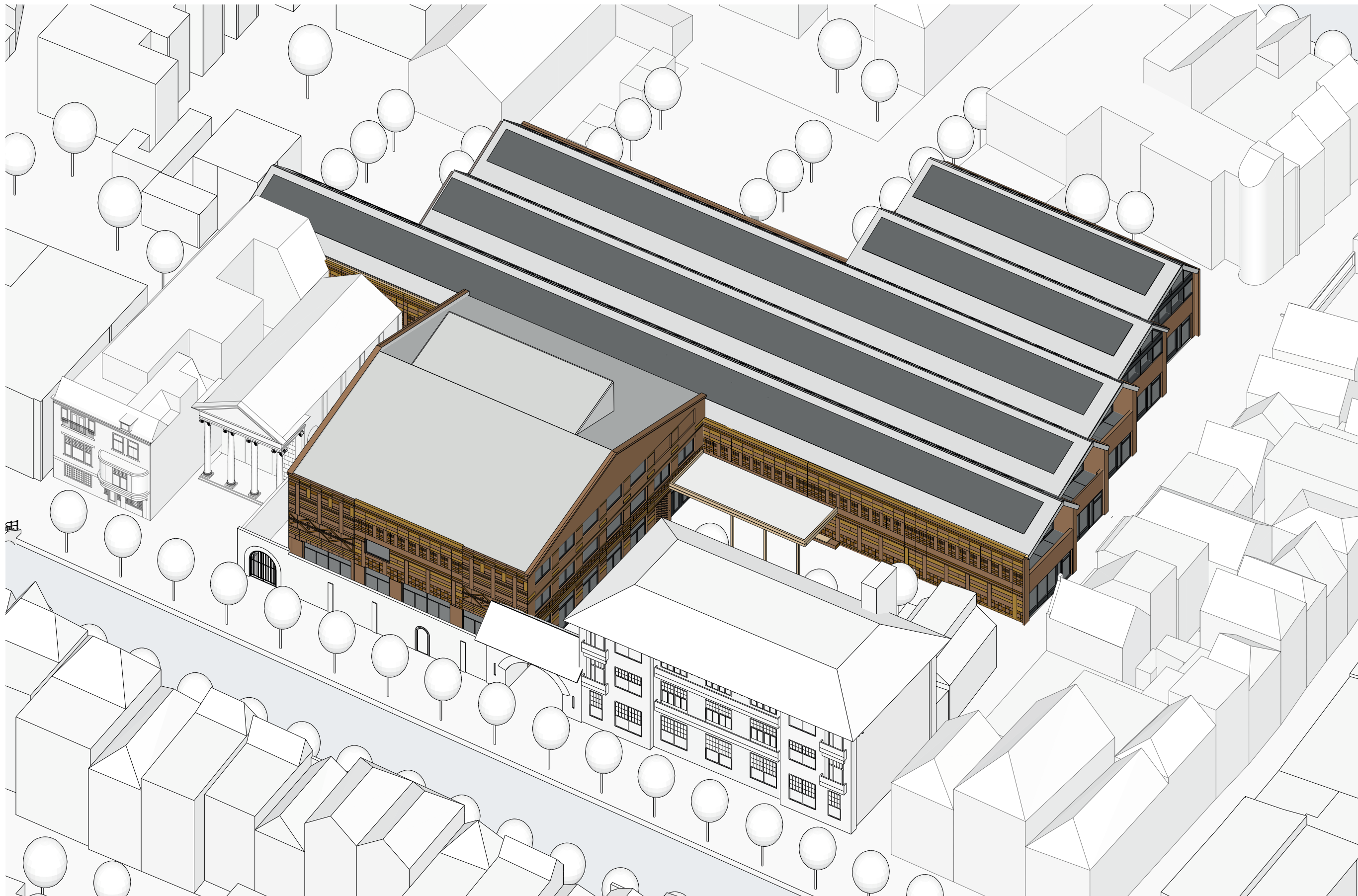
ventilation system

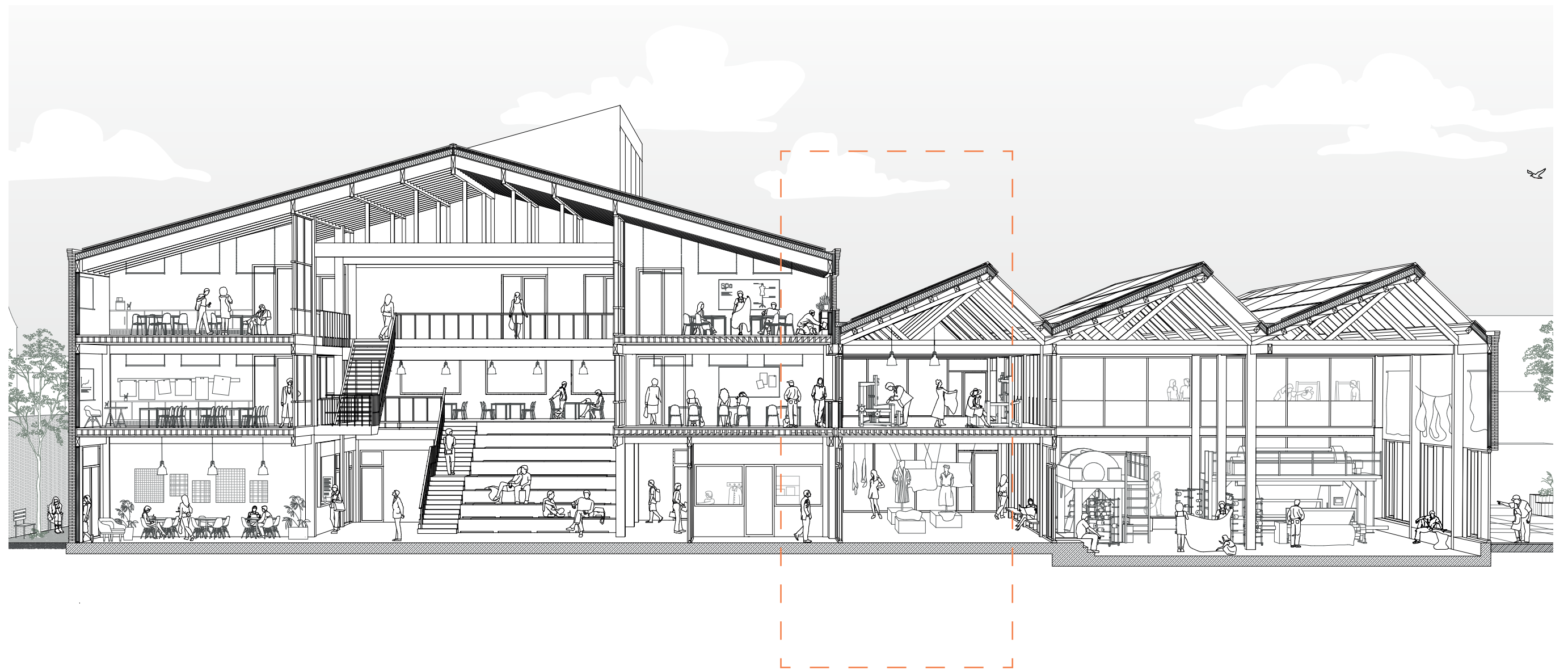


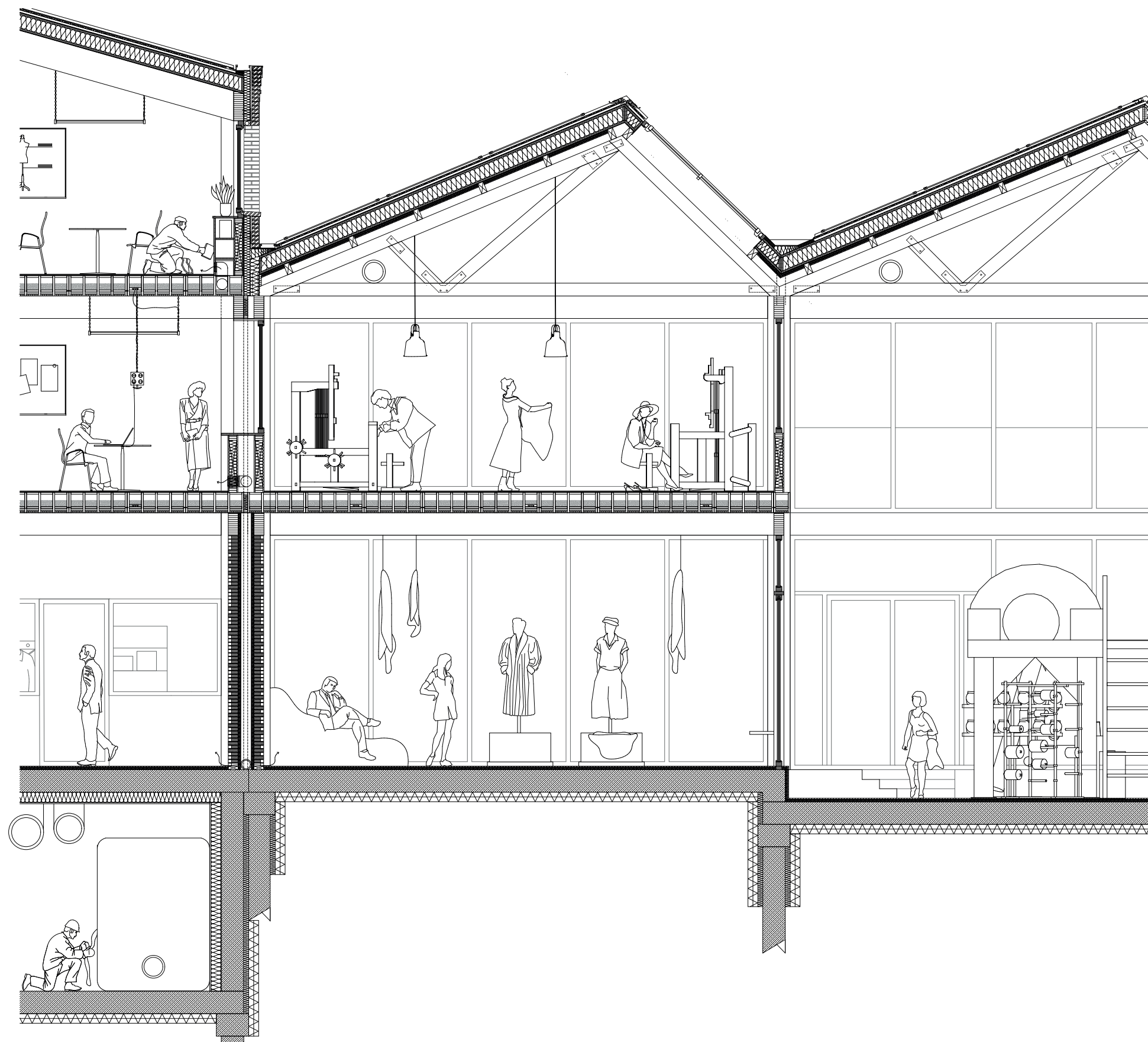
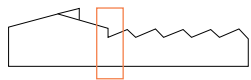
roof construction



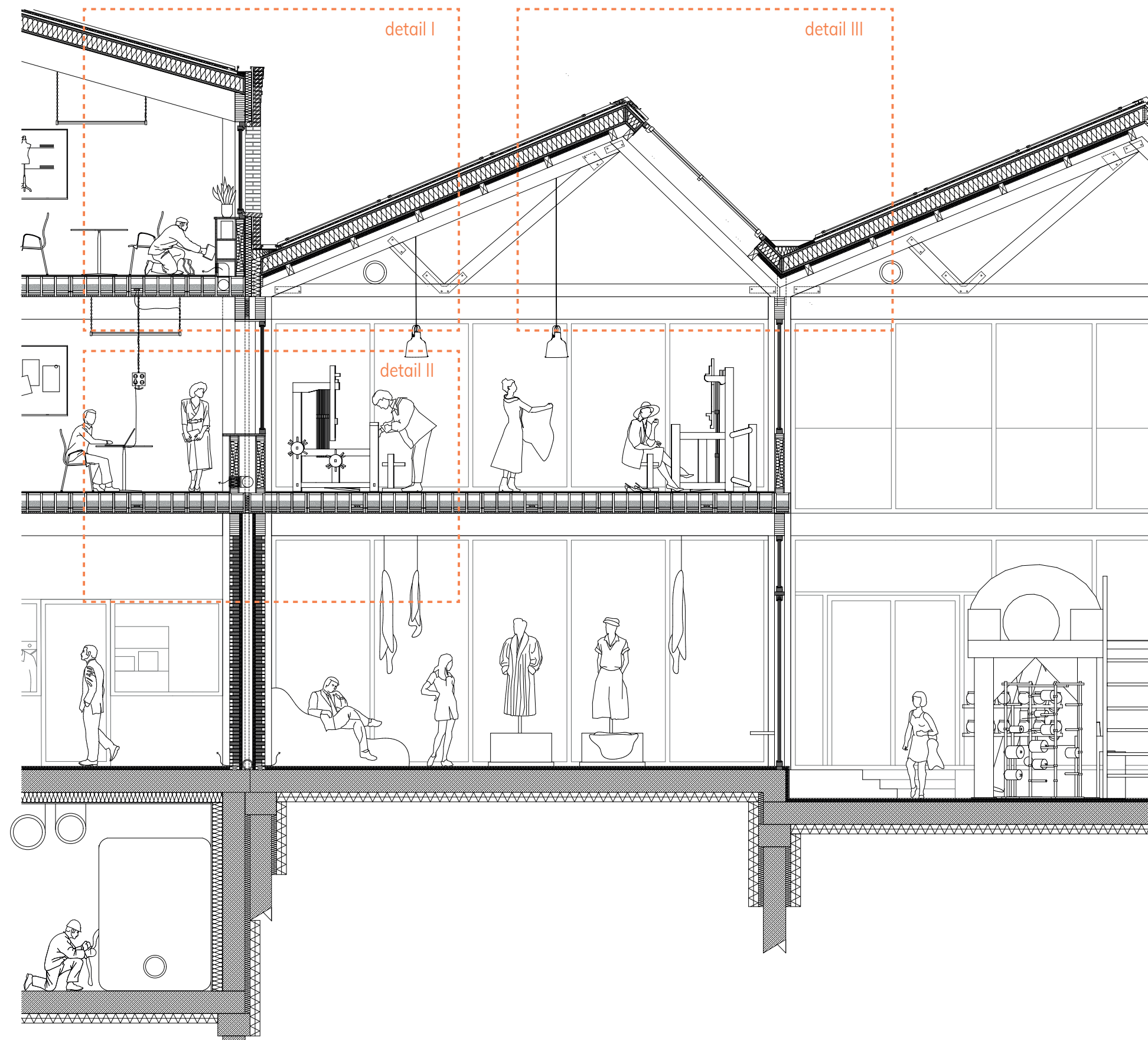
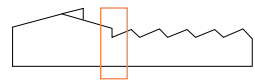
facade + roof cladding



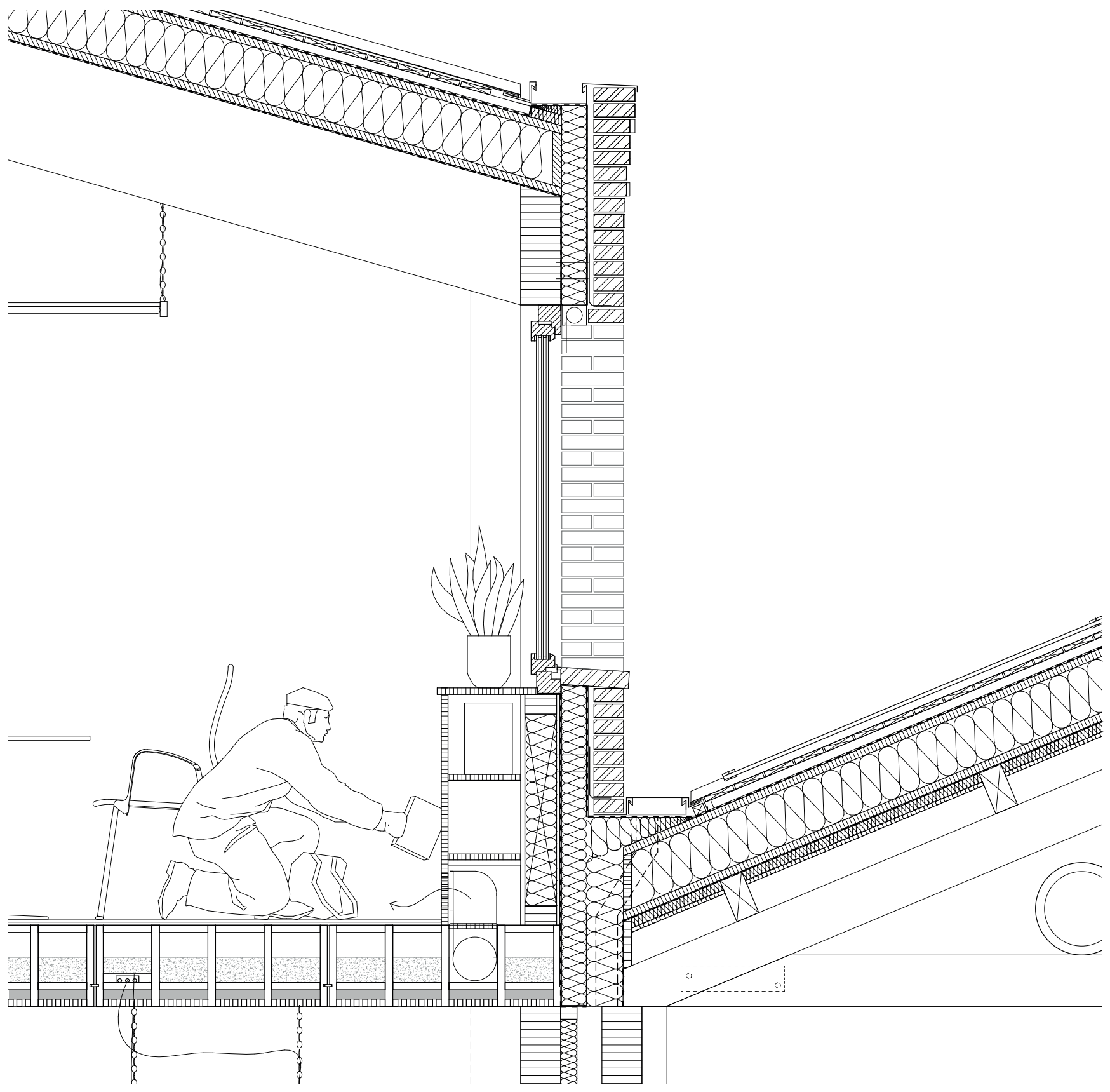


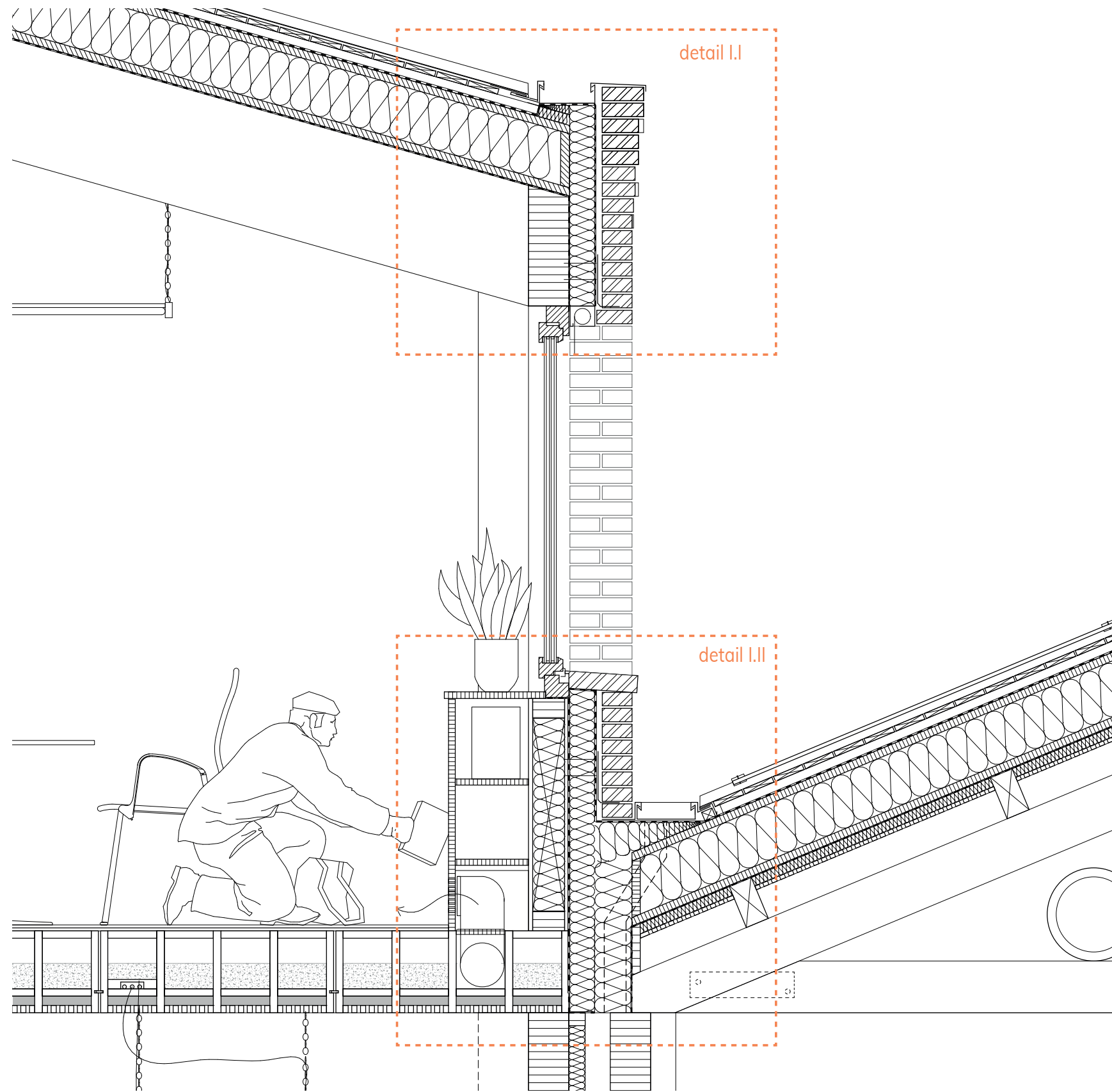


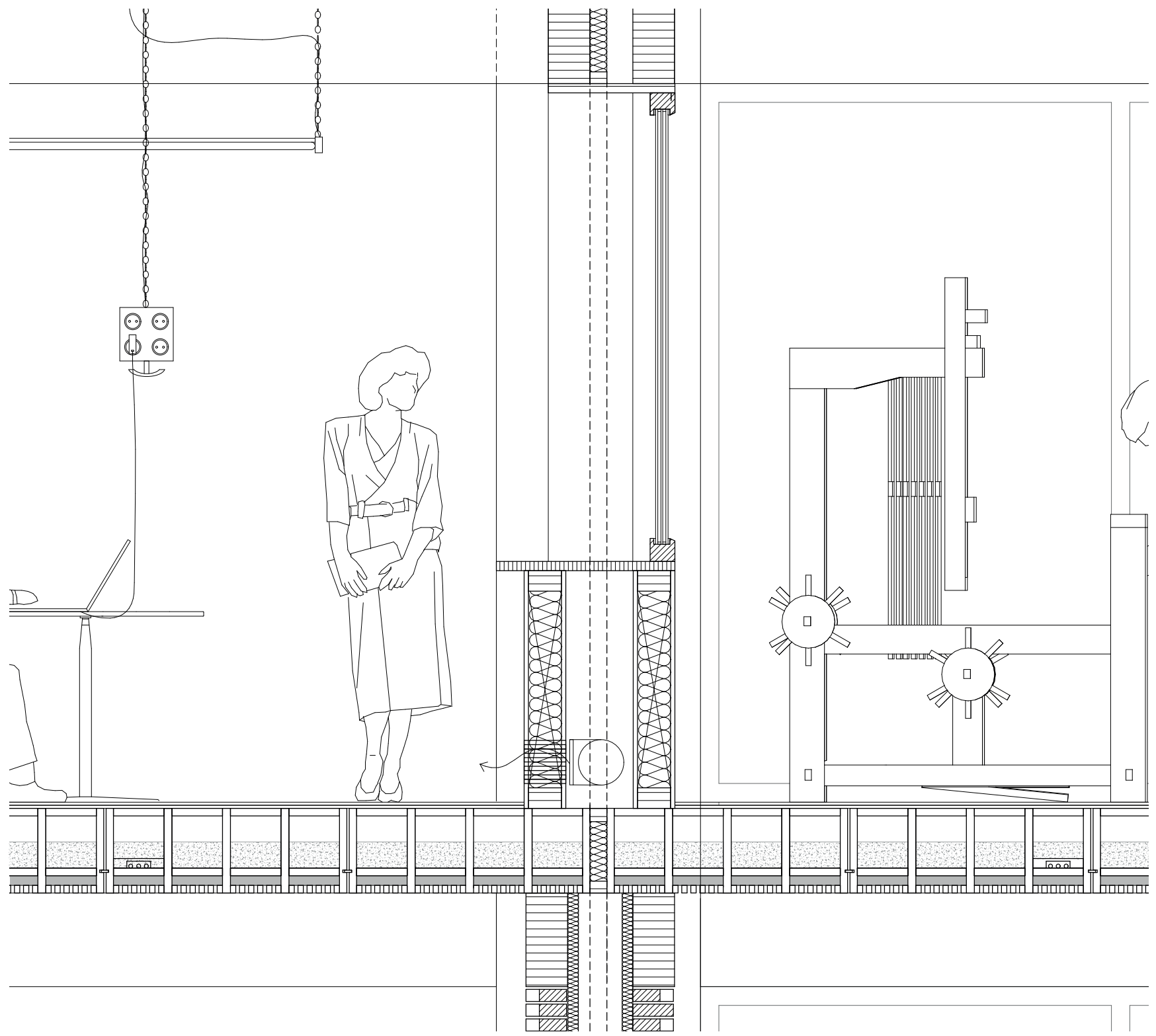
detail fragment

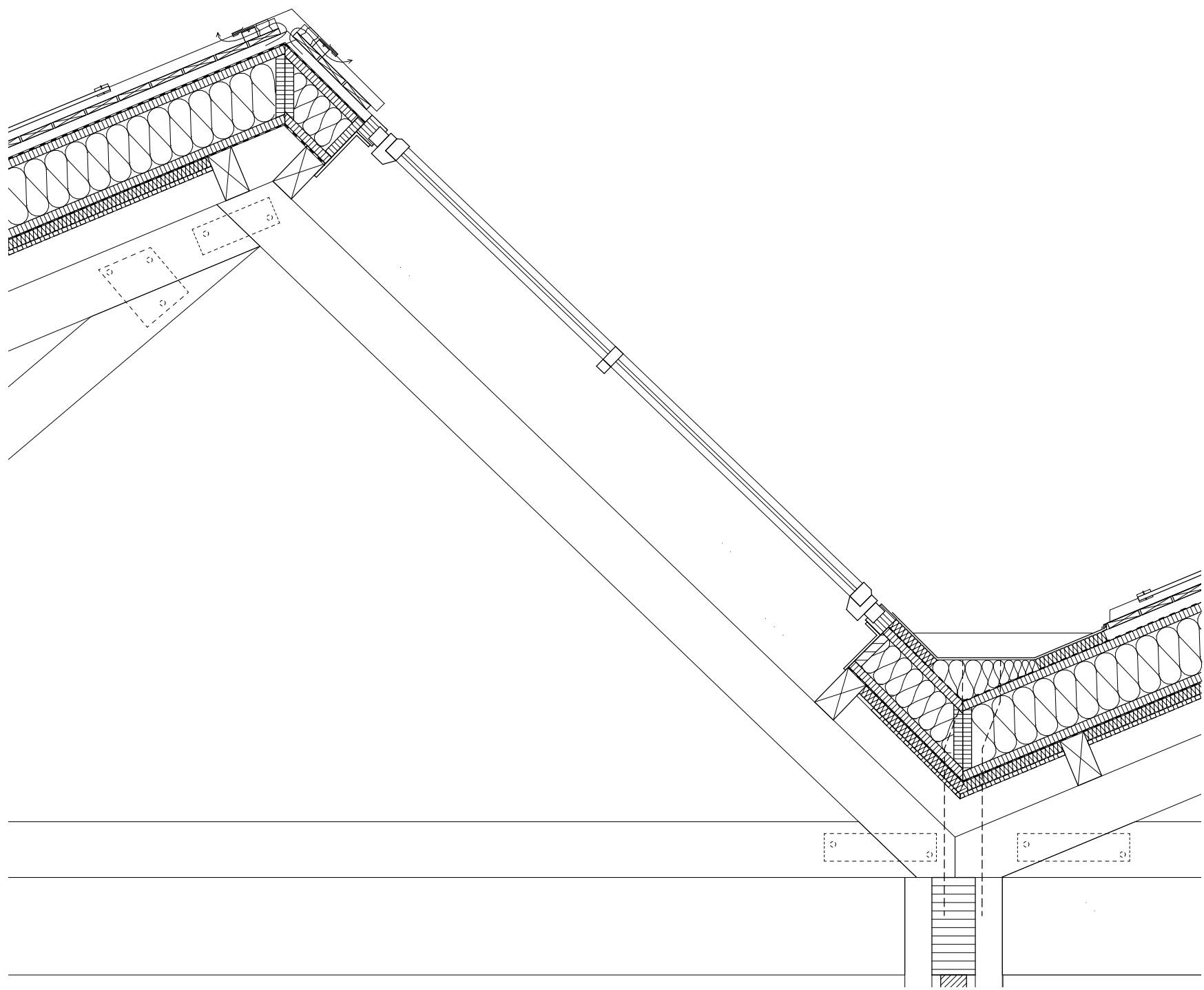


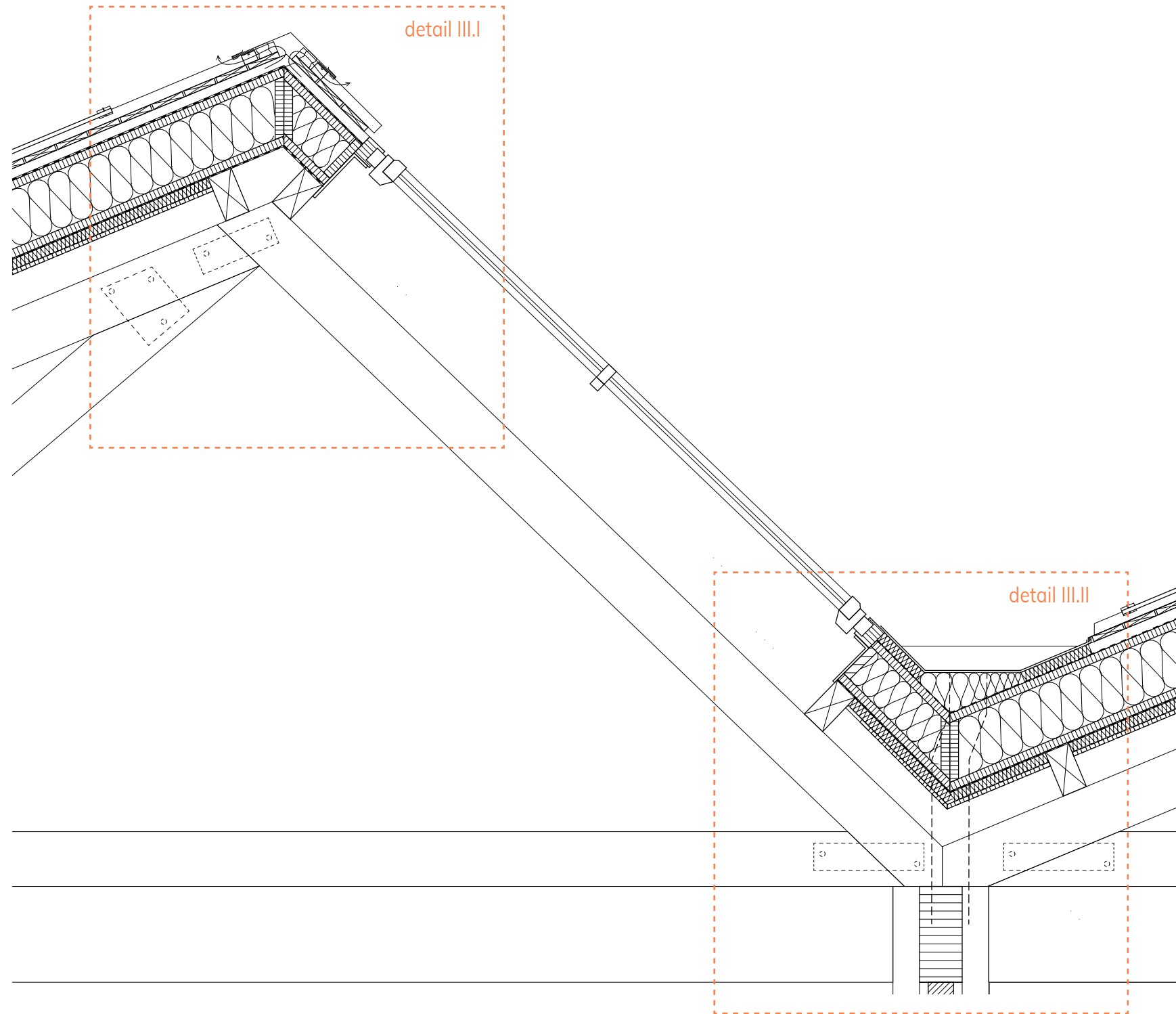
vertical detail fragment

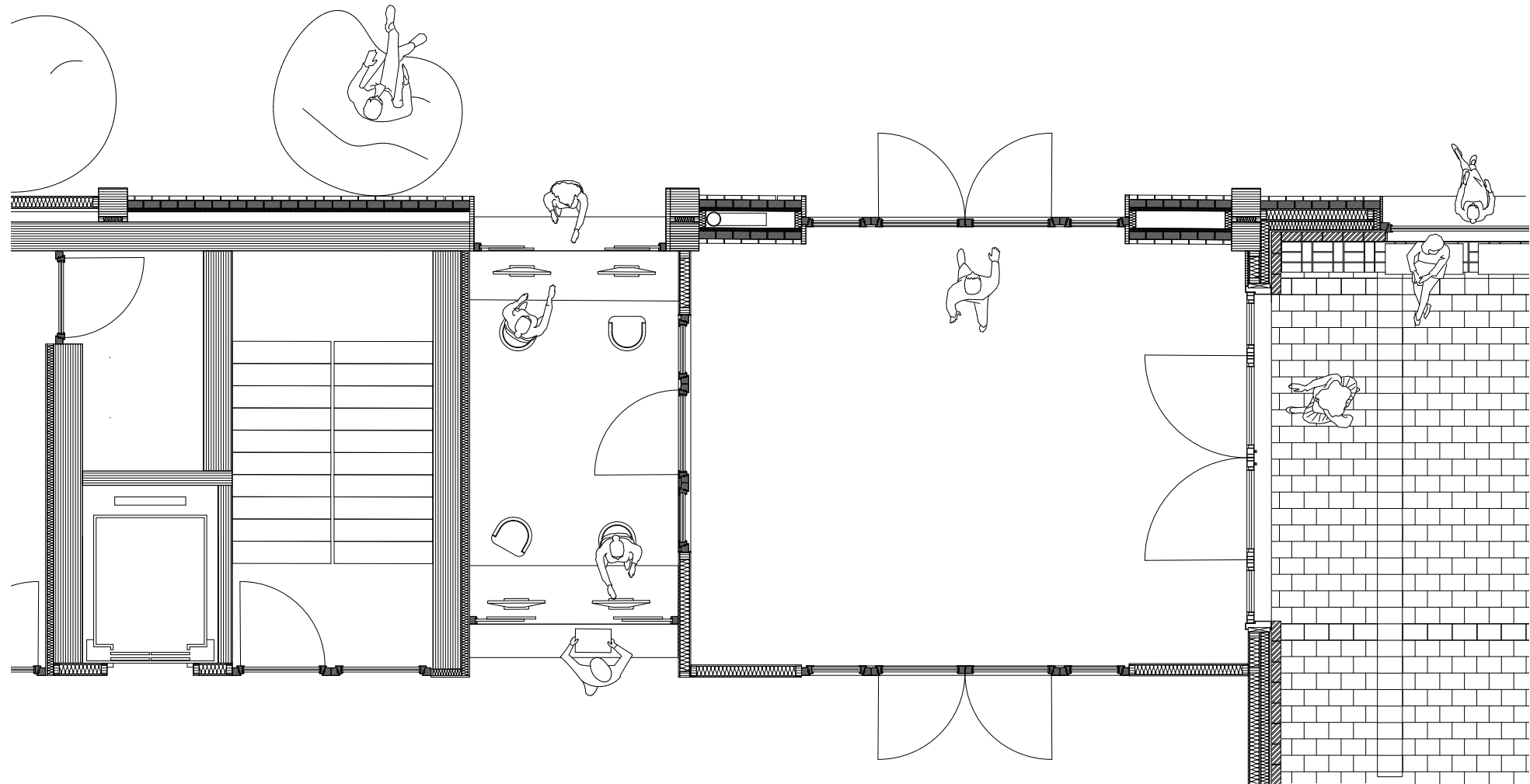
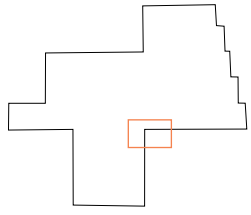




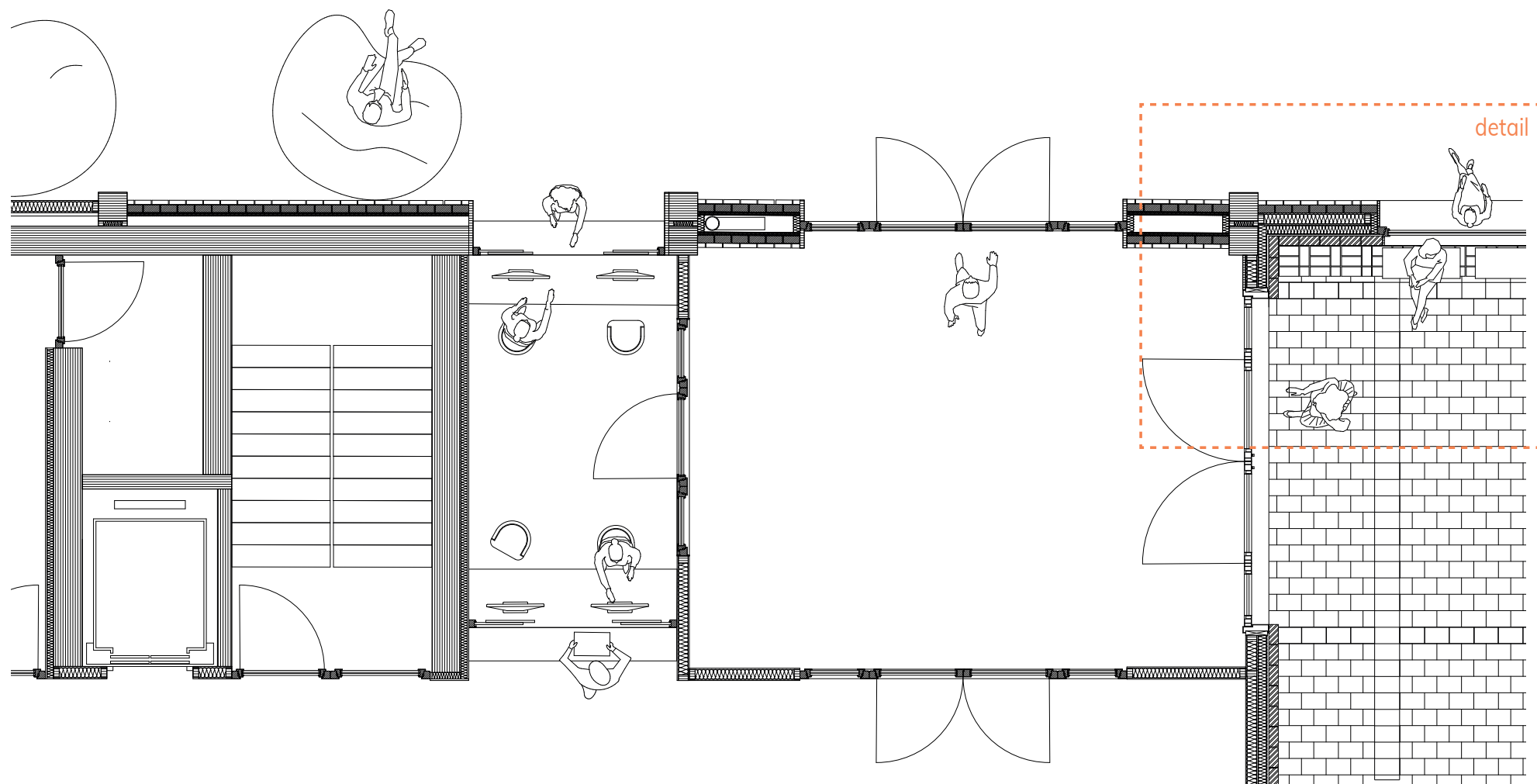
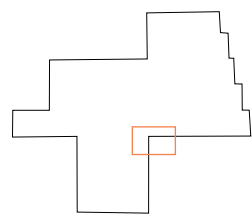




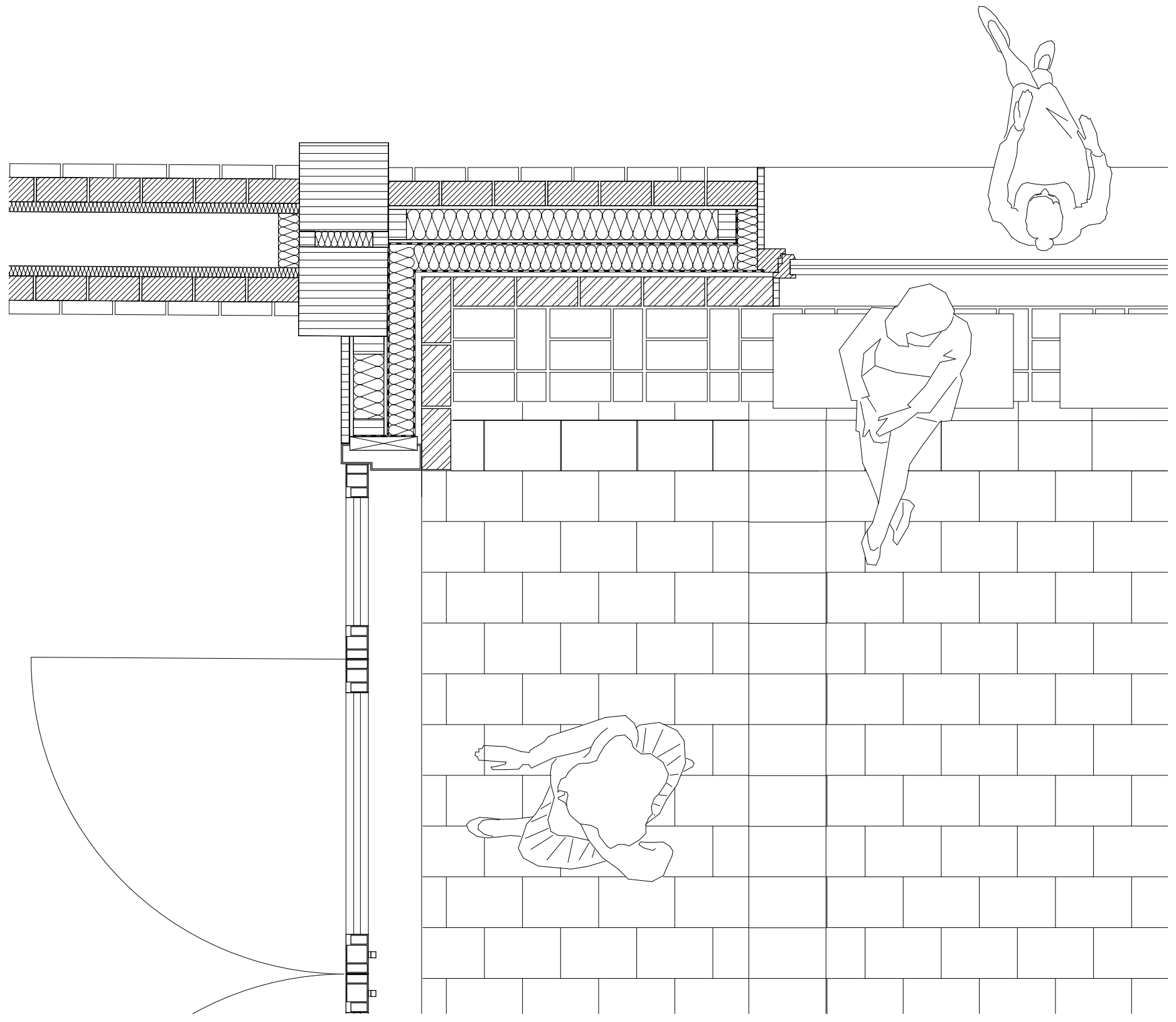


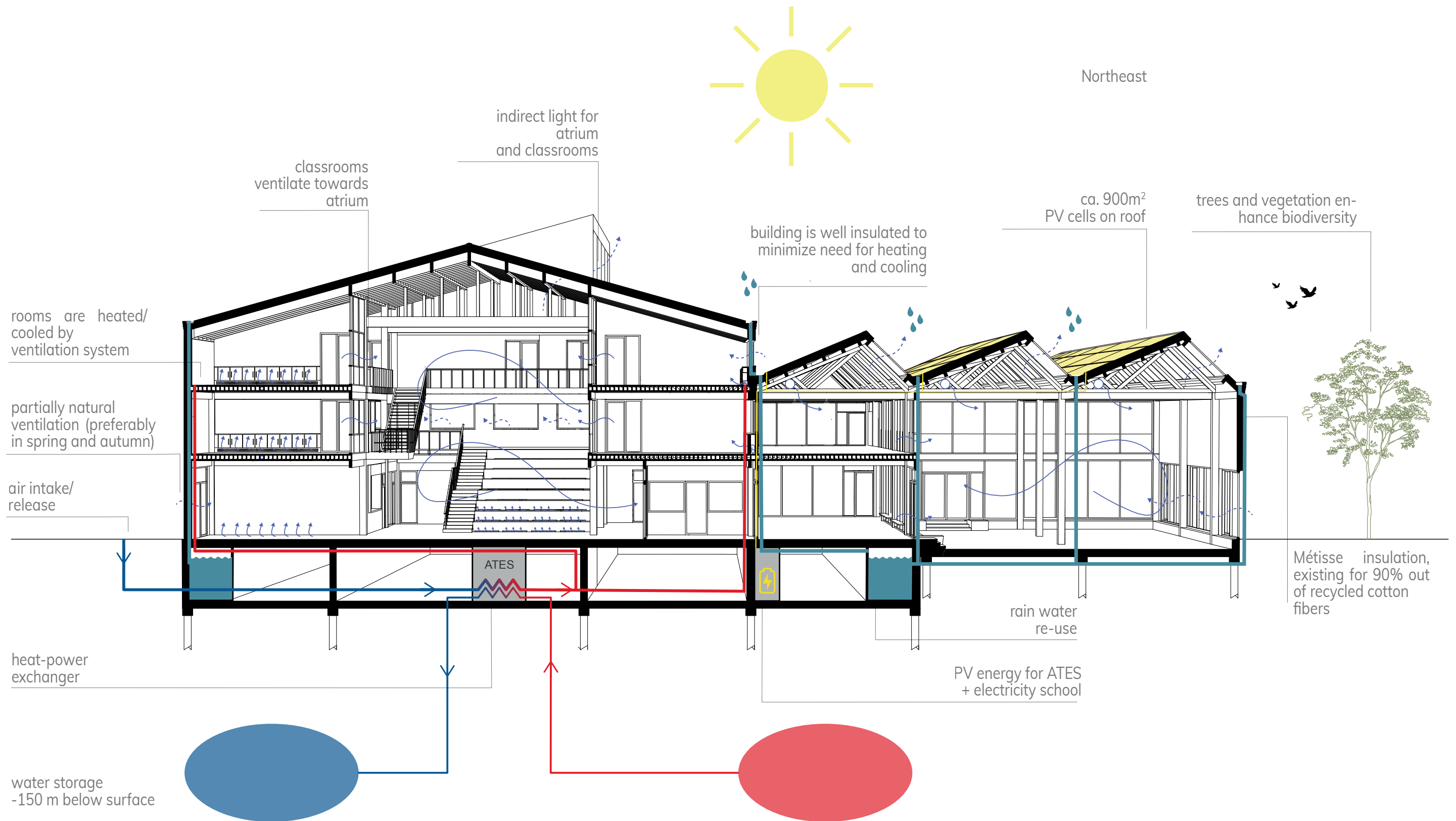


horizontal detail fragment



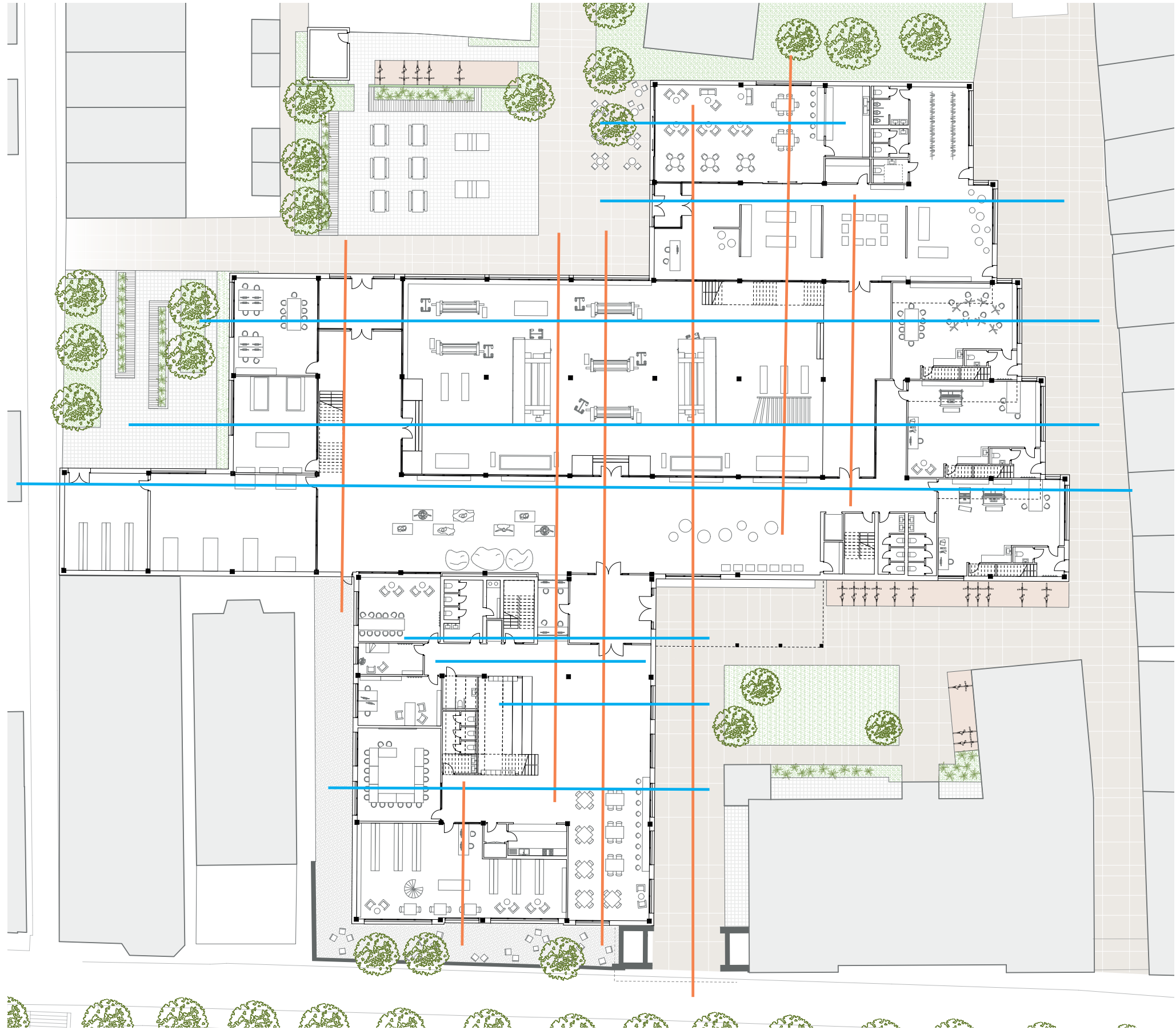
horizontal detail fragment

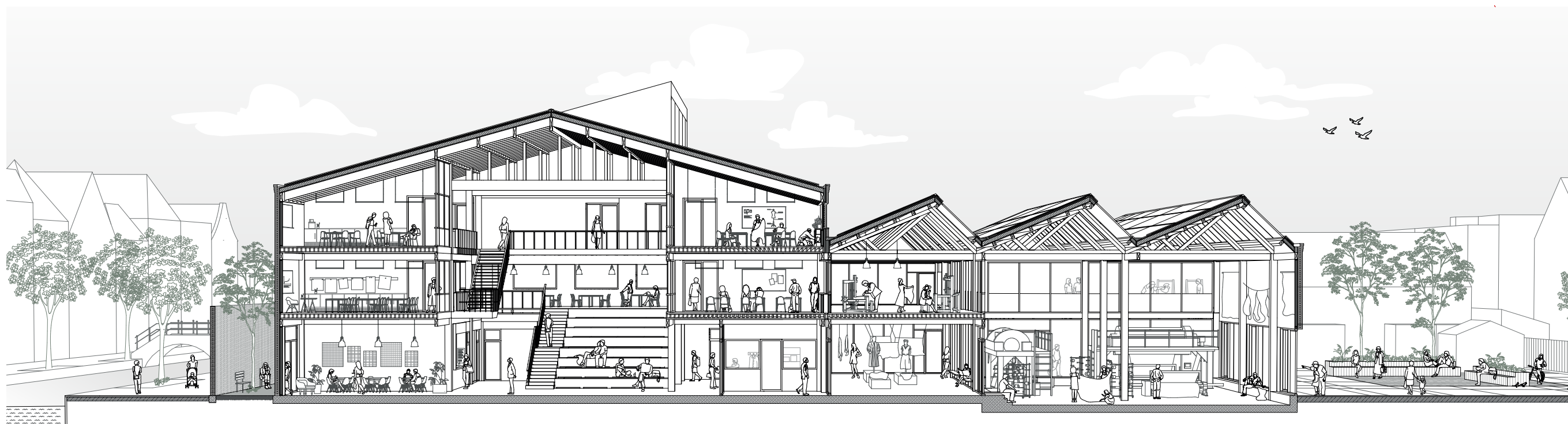
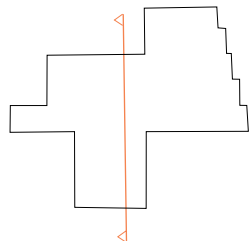


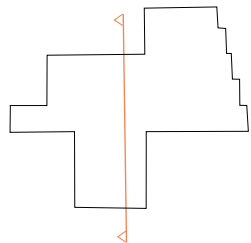




Koornmarkt

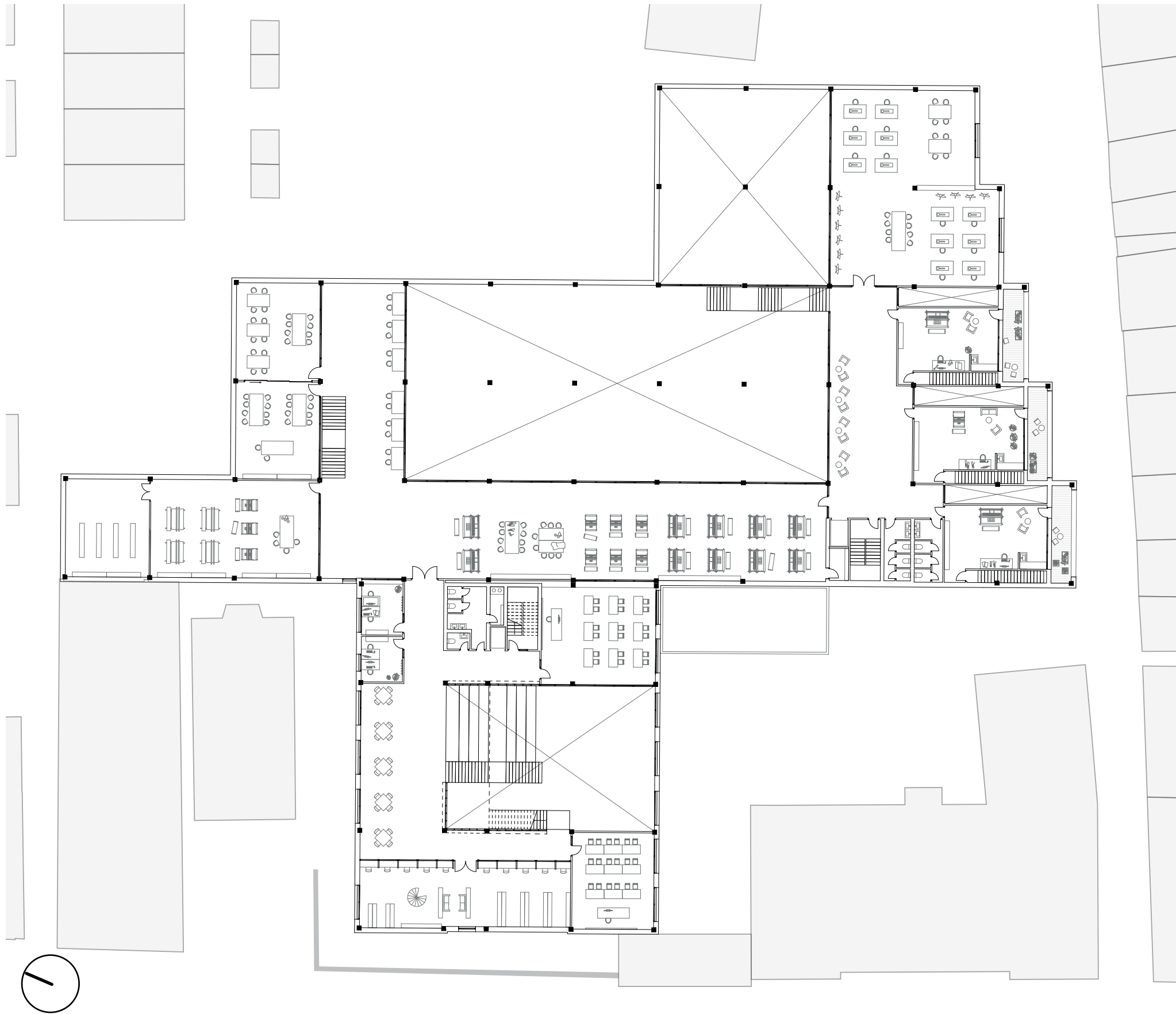








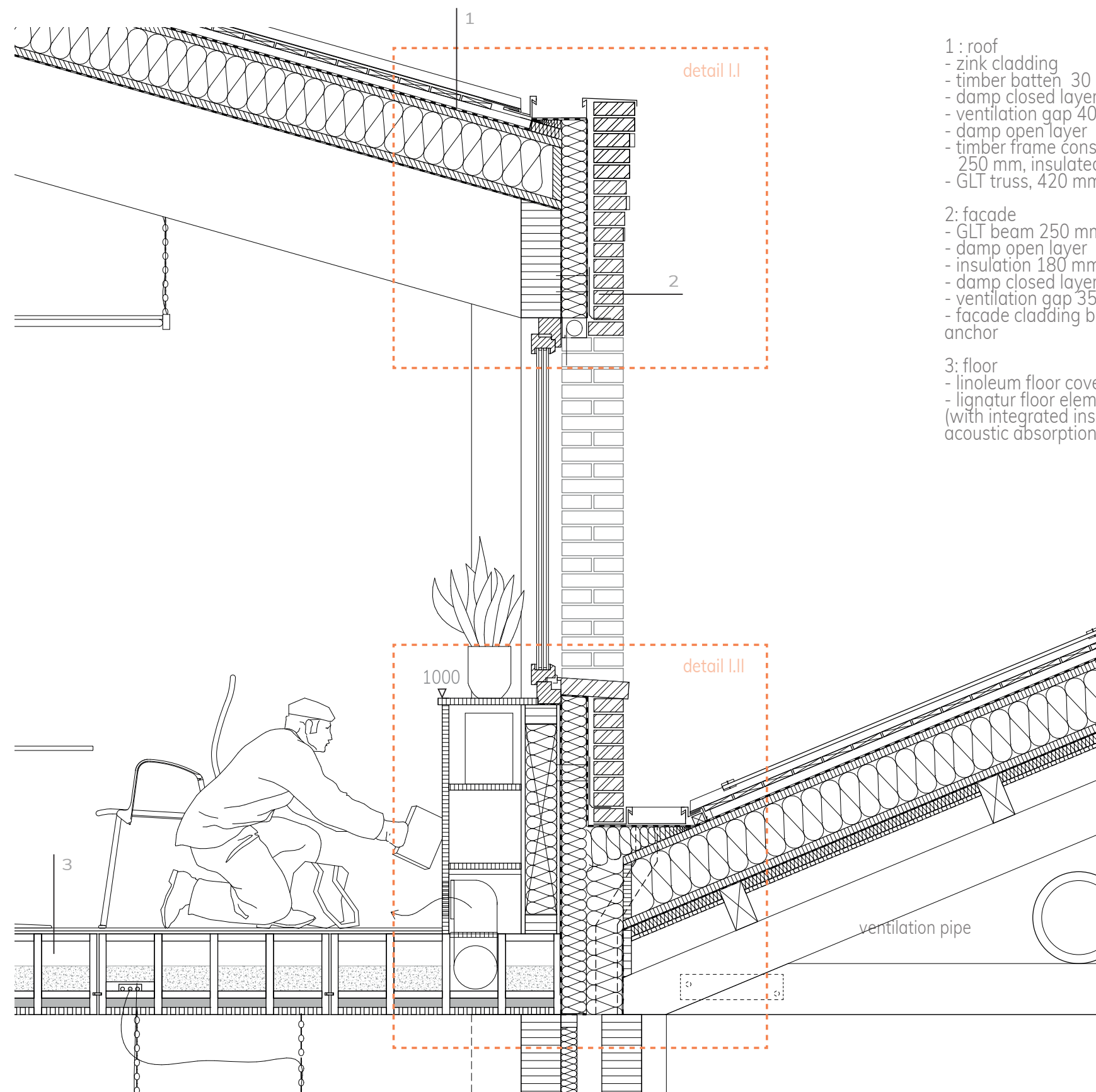
ground floor



first floor



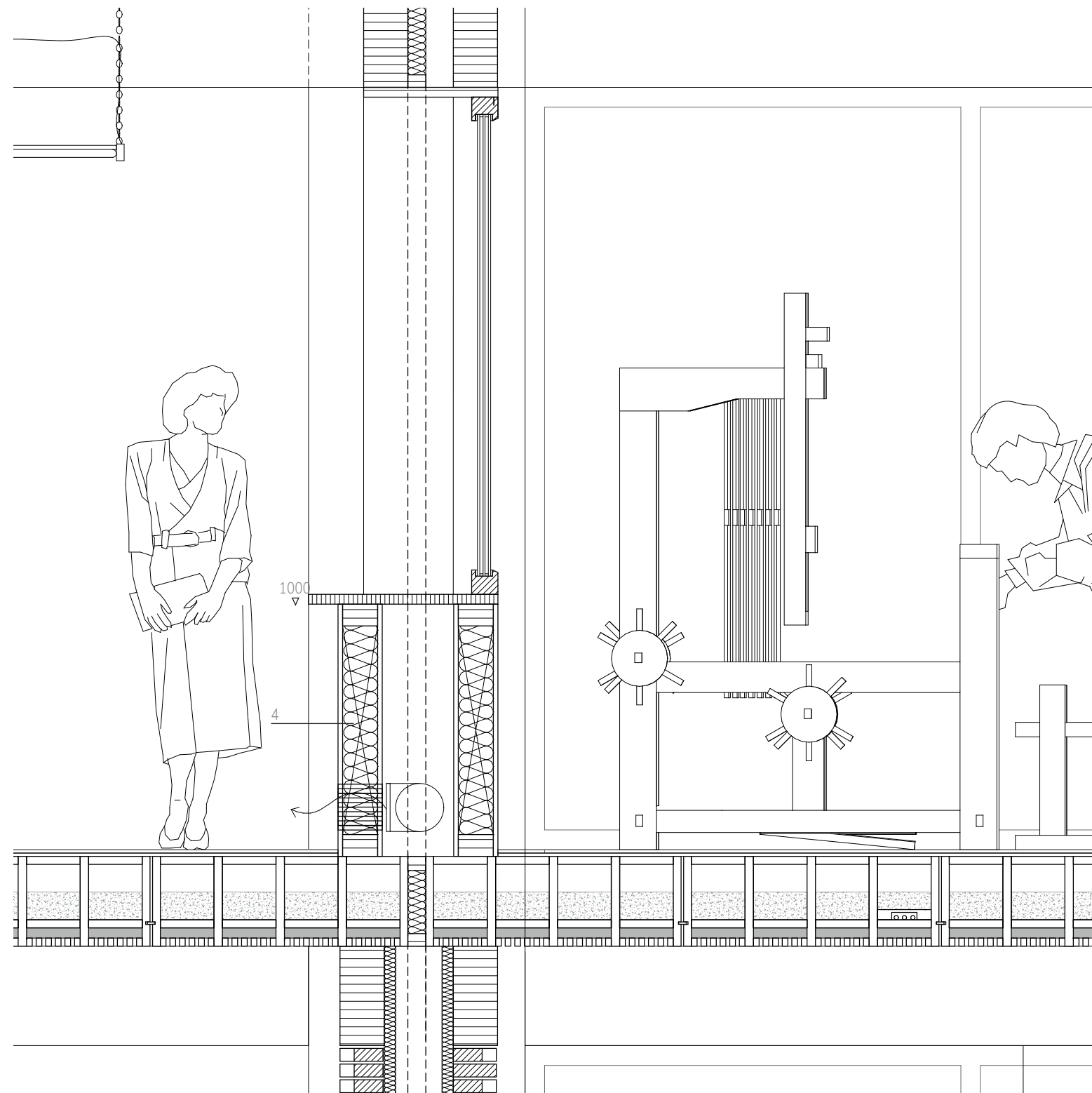
second floor



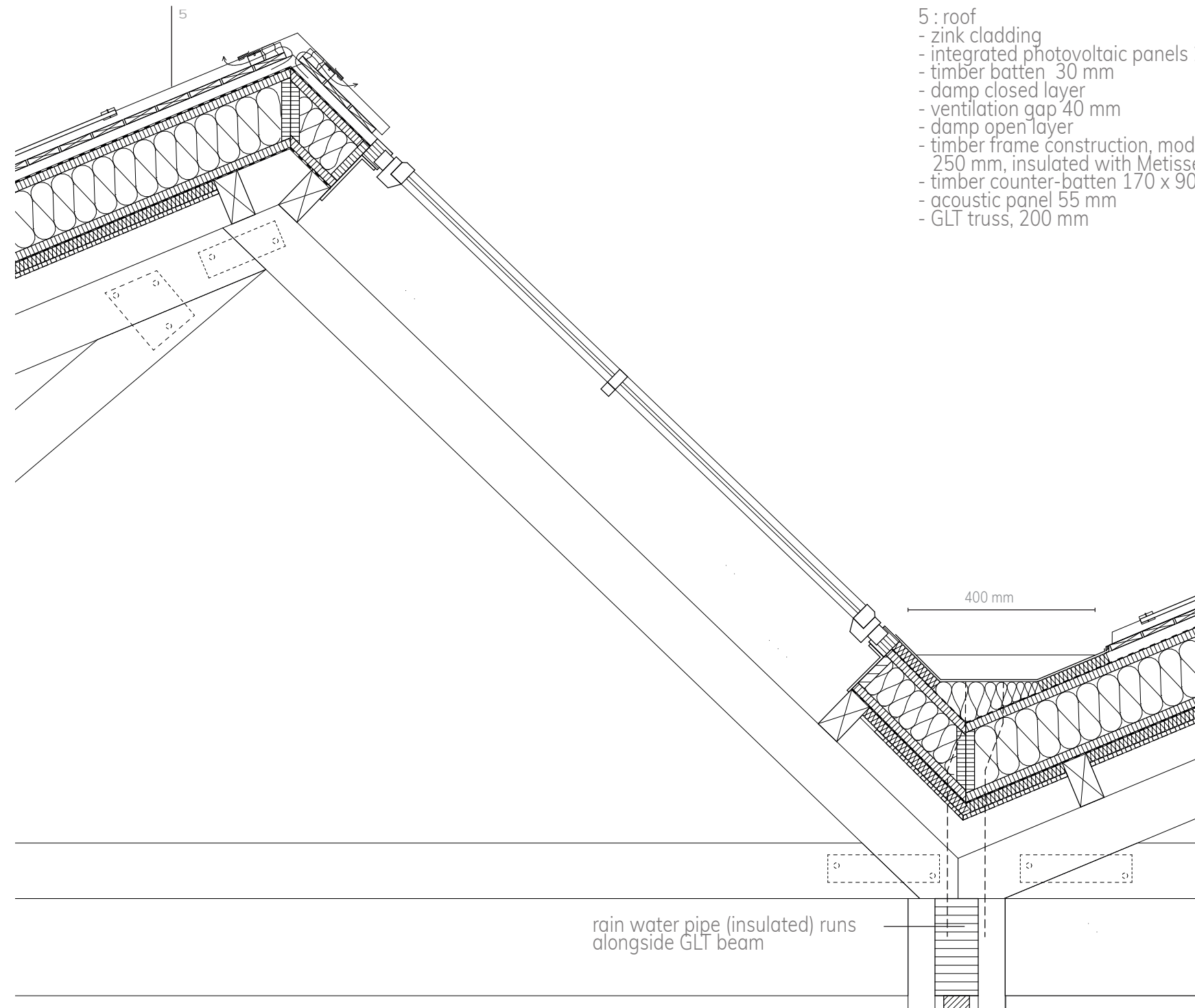
1 : roof
 - zink cladding
 - timber batten 30 mm
 - damp closed layer
 - ventilation gap 40 mm
 - damp open layer
 - timber frame construction, modular element
 250 mm, insulated with Metisse insulation
 - GLT truss, 420 mm

2: facade
 - GLT beam 250 mm
 - damp open layer
 - insulation 180 mm
 - damp closed layer
 - ventilation gap 35 mm
 - facade cladding brick 115 mm with brick anchor

3: floor
 - linoleum floor covering 3 mm
 - lignatur floor element 420 mm, modular
 (with integrated insulation screed and
 acoustic absorption gabs)



- 4 : wall
- timber frame construction, modular element 150 mm, insulated with Metisse insulation
 - installation space 200 mm with ventilation pipe 175 mm
 - timber frame construction, modular element 150 mm, insulated with Metisse insulation



- 5 : roof
- zink cladding
 - integrated photovoltaic panels 25 mm
 - timber batten 30 mm
 - damp closed layer
 - ventilation gap 40 mm
 - damp open layer
 - timber frame construction, modular element 250 mm, insulated with Metisse insulation
 - timber counter-batten 170 x 90 mm
 - acoustic panel 55 mm
 - GLT truss, 200 mm

