

DESIGN

BOOKLET

HET

APPÈL



FROM REGIMENT TO RESIDENCE

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A personal note on the method:

Research and design projects within the realm of adaptive reuse cannot commence with shape alone. A potential pitfall in research and design projects is a lack of interwovenness between the two disciplines, or a disconnection between findings and eventual design decisions. The method used for this project specifically aims to organise the relationship between research and design by making decisions directly traceable to the evidence that it was derived from.

This is where the method might hold relevance beyond this specific case. Adaptive reuse projects often revolve around difficult translations from historical, technical and cultural evidence into new spatial decisions. Although that translation is often existent in design practice, it is not always made explicit. By translating evidence material into a design briefing layer this project makes an attempt to make heritage-based design decisions accountable.

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I. The Reoccupation Of Order

OPERATIONAL REGISTER

L01-OS1	Thresholds Program	The civic edge should be provided with an intensity buffer, while calmer refuges should be placed deeper in the building, so intensity has a counterweight architecturally.
L01-OS2	Circulation	Circulation is to be designed as a social algorithm, by creating curated friction points for encounters and withdrawal through bypass routes, so mixing is not coercive, but optional instead.
L01-OS3	Thresholds	The building's openness should be a gradient. A public, shared, semi-private, private sequence should be designed that scripts social behaviour through thresholds instead of rules.
L01-OS4	Circulation	Incompatible flows should be separated through a clear entrance hierarchy to prevent openness from becoming adverse.

L02-OS1	Program Identity	Massing, entrances and the civic program must underline building 13's ensemble role by treating the former kitchen building as the 'head' of the barracks terrain.
L02-OS2	Identity	Instill primary historical value carriers as non-negotiable heritage fabric and make at least one of these carriers publicly legible.
L02-OS3	Thresholds	Convert heritage that is visible but not experienced into a sequence of thresholds for access to become part of the design proposition.
L02-OS4	Longevity	Retain primary spatial value carriers (e.g. chimneys, boiler-house and ensemble logic) and design interiors to be reconfigurable to keep the building relevant across redevelopment phases.
L02-OS5	Identity	Demolish the less authentic, strongly altered and technically depleted fabric to safeguard the primary value carriers and design the new massing and sections to make the retained layers readable.

L03-OS1	Thresholds Identity	Rework the appelplaats-facing facade as a public front, whilst retaining building 13's role as the ensemble's seal.
L03-OS2	Identity	Retain the west-facing facade as a crucial element even if contiguous volumes are altered.
L03-OS3	Identity	Use the later extensions as a design bandwidth by translating them into new volumes that revitalizes legibility and improves civic discourse.
L03-OS4	Identity	New massings must be inspired by Boost logic, but must have a contemporary translation.
L03-OS5	Program	Public functions must be located at the plinth to condone building 13's status as a civic anchor within the ensemble.
L03-OS6	Longevity	The cellar complex should be retained as a legible layer of infrastructure instead of leftover space for installations.

L04-OS1	Longevity	Take the surviving casco as a primary design anchor and attach new additions without competing with it.
L04-OS2	Longevity	Clearly distinguish between 'carriers' and 'infill' through design by making permanent elements heavy, legible and enduring, while the adaptable must be lighter, replaceable and convenient to modify.
L04-OS3	Longevity	Treat remaining metal window systems as technically compromised.
L04-OS4	Longevity	Design large scale interventions with a clear lifespan hierarchy in mind.

L05-OS1	Identity	Read building 13 as a compound host, and respond with specific architectural interventions for the different host conditions.
L05-OS2	Identity	The demolished wings must be treated as ghosts, advising massing, proportion and spatial hierarchy without becoming a mimicked reconstruction.
L05-OS3	Longevity	New structural systems must align with the host's order and bay logic, or remain clearly legible as a secondary system.
L05-OS4	Identity	Interventions must be distinguishable from the old while direct imitation must be avoided.
L05-OS5	Overall	All interventions must increase the project's absolute value.

In the top-right corner of each drawing, a set of codes refers back to the Operational Register on page 5. Each code identifies the specific statement that the drawing addresses. A drawing showing L03-OS1, for instance, is a direct spatial response to the statement on reworking the Appelplaats-facing façade as a public front.

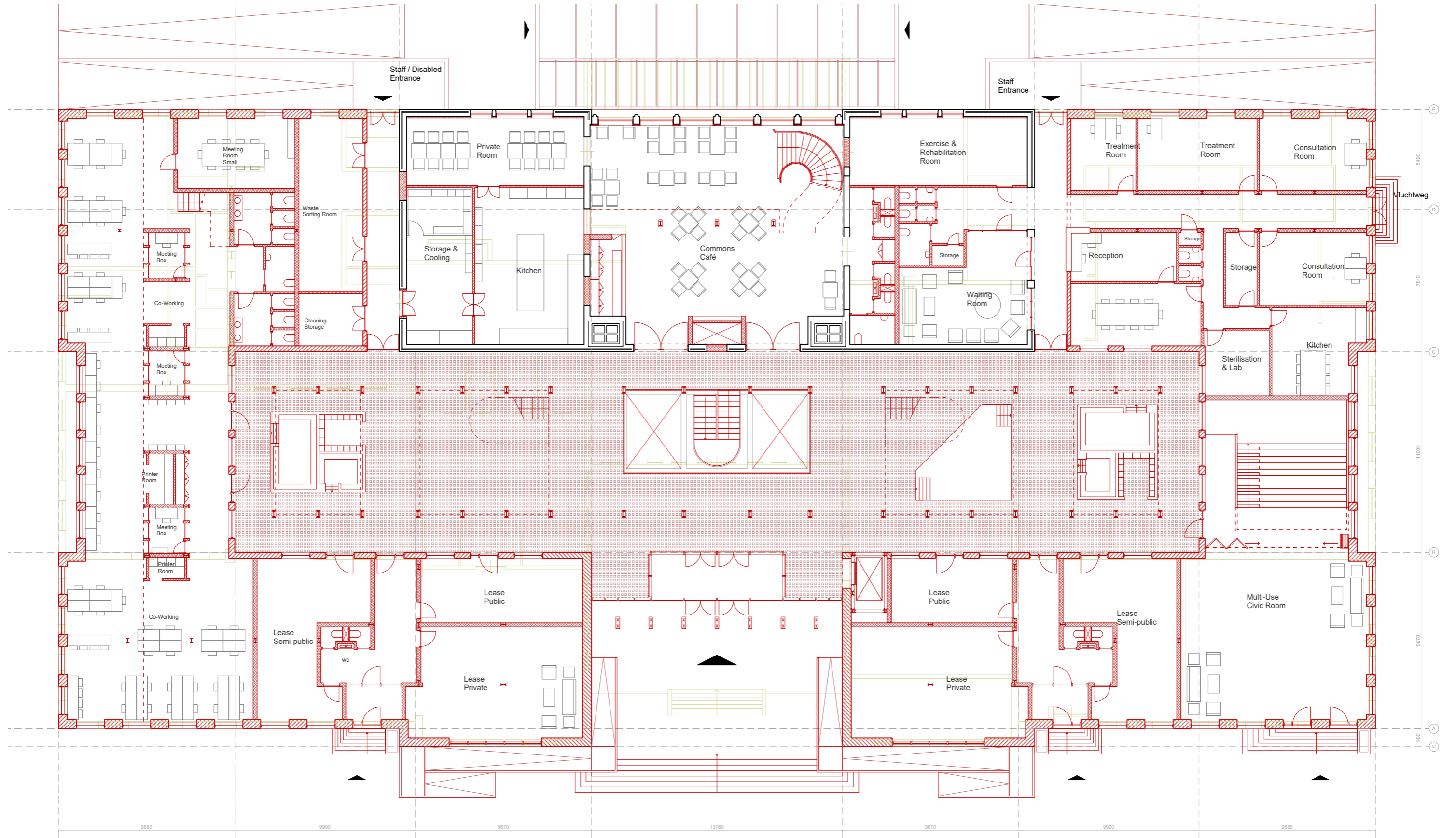
The codes are not exhaustive annotations — only statements that the drawing genuinely and specifically resolves are listed. Where a code appears on multiple pages, the repetition is intentional: it shows the same statement being answered at different scales or from different angles.

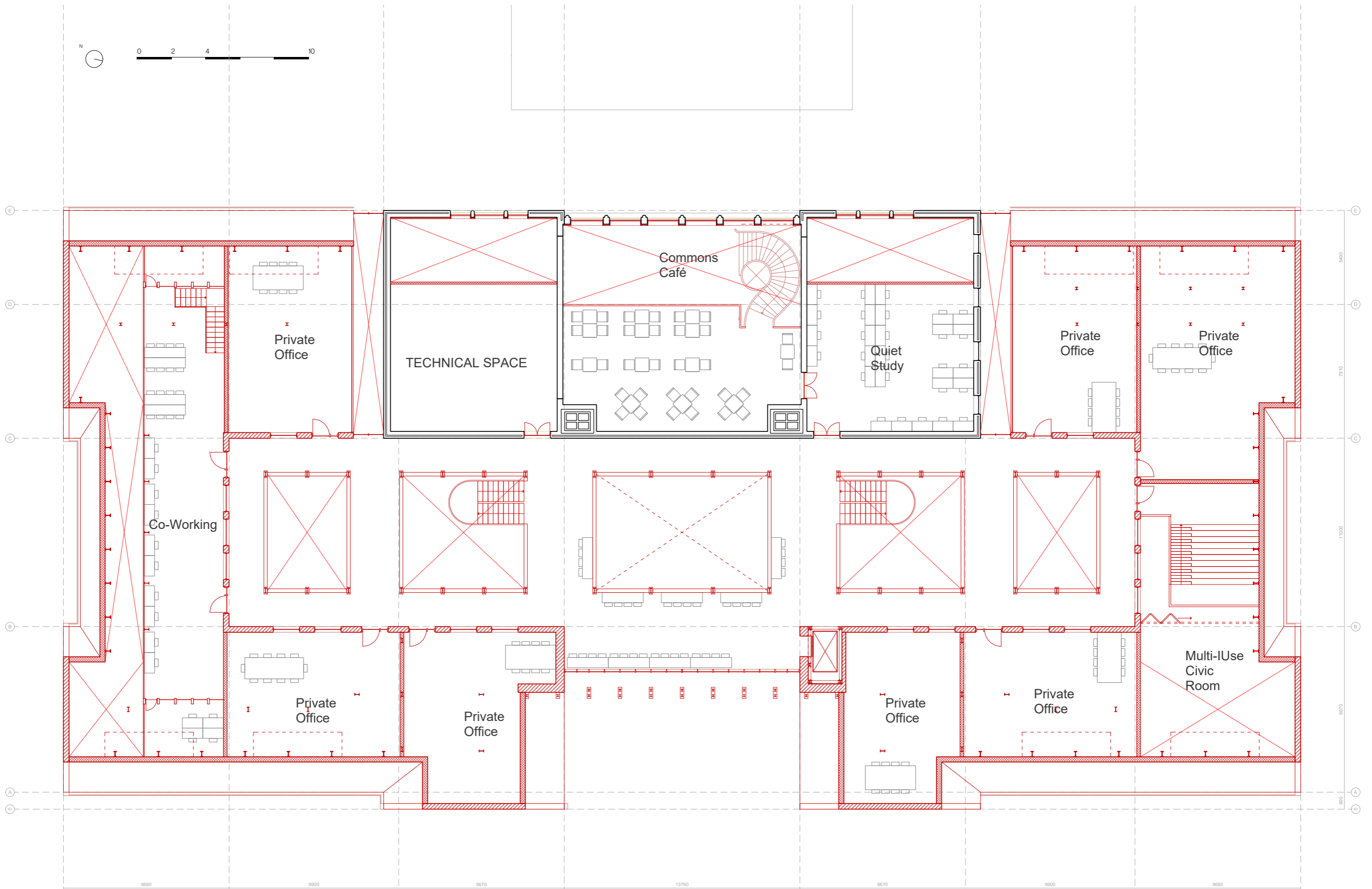
II. Traces Of Removal, Acts Of Return

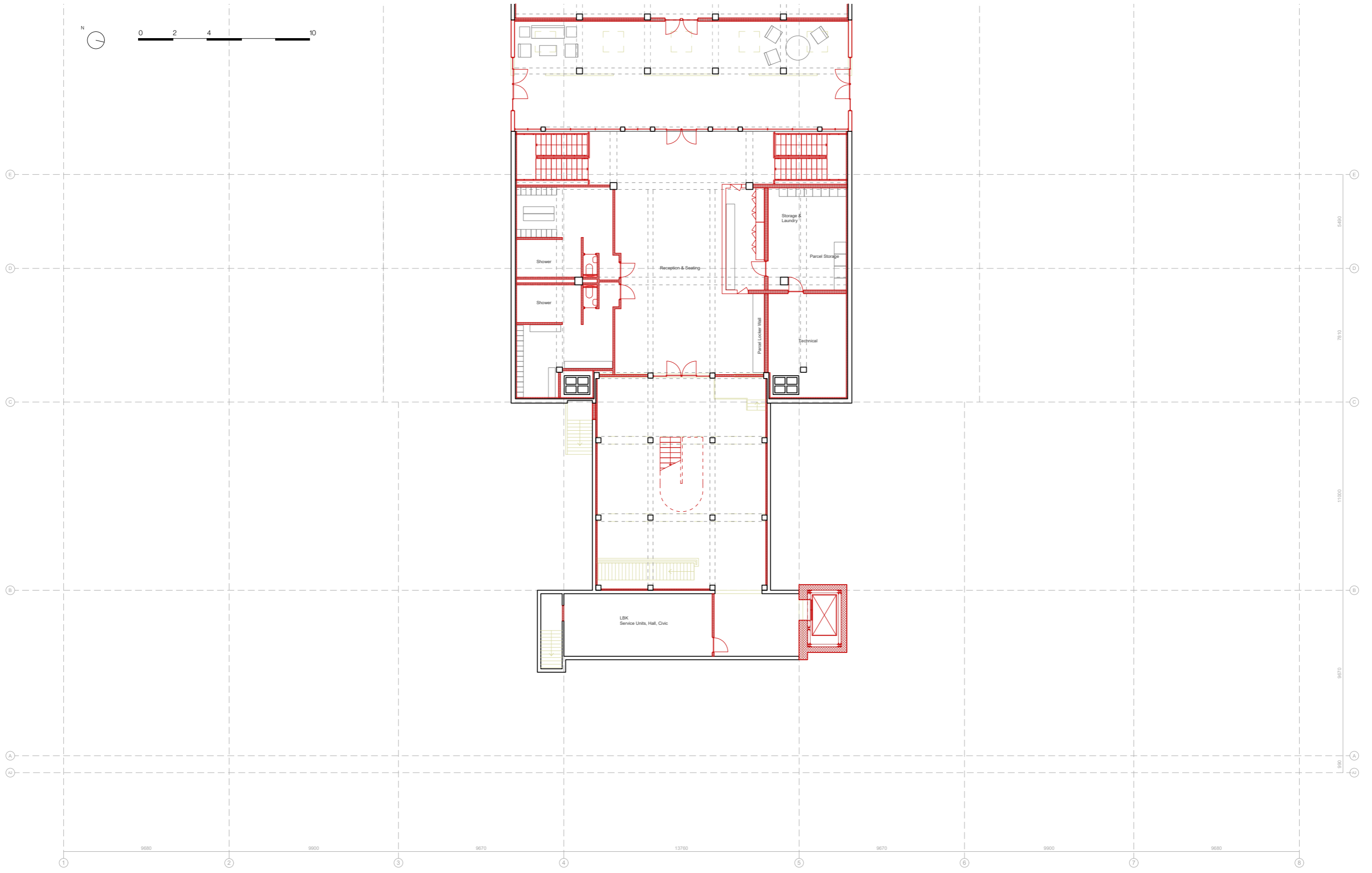
YELLOW-RED DRAWING METHOD

The yellow–red drawings are used as a simple method to make transformation legible. Yellow marks what is removed, opened, or released from the existing building. Red marks what is added, repaired, or newly inserted. Together, they show the design not as a final image, but as a sequence of precise operations on the existing structure.

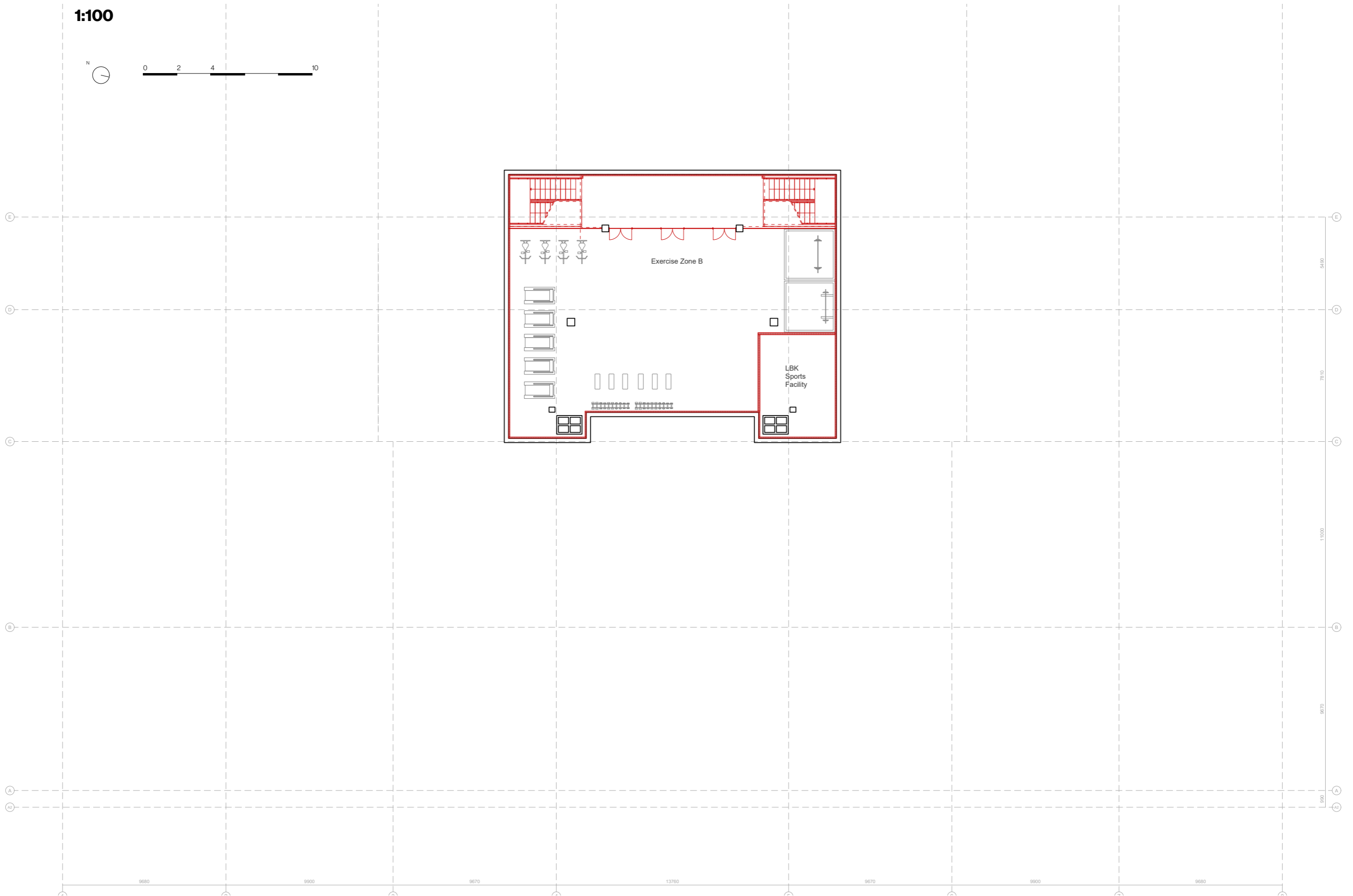
Within this project, the method is used to connect research and design. Each intervention can be traced back to an operational statement from the repository. The drawings therefore do not only show what changes, but also why it changes. They make the adaptive reuse process readable as a careful negotiation between preservation, subtraction, and addition.

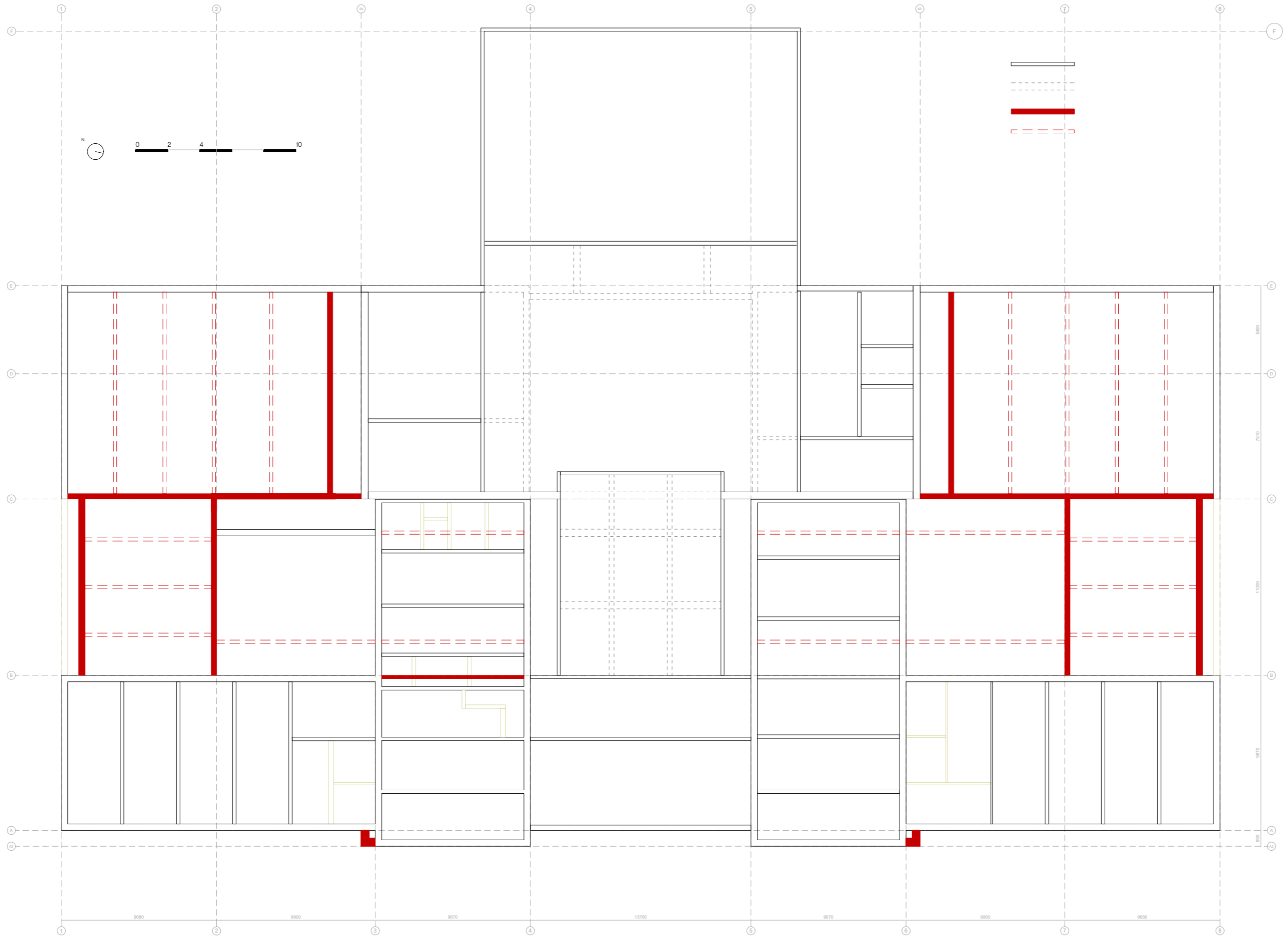






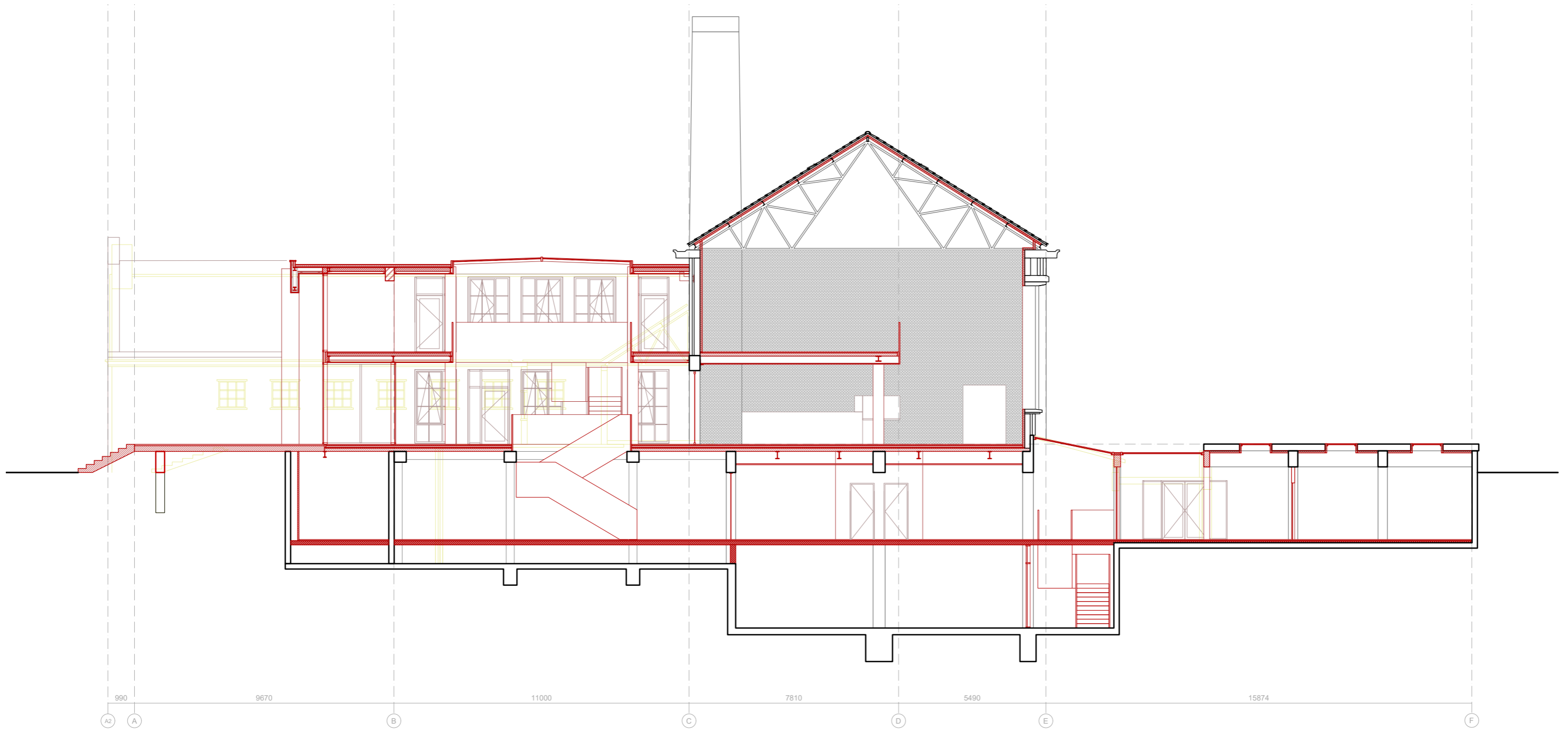
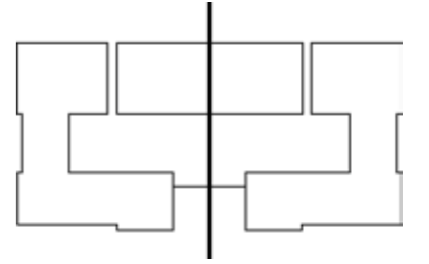
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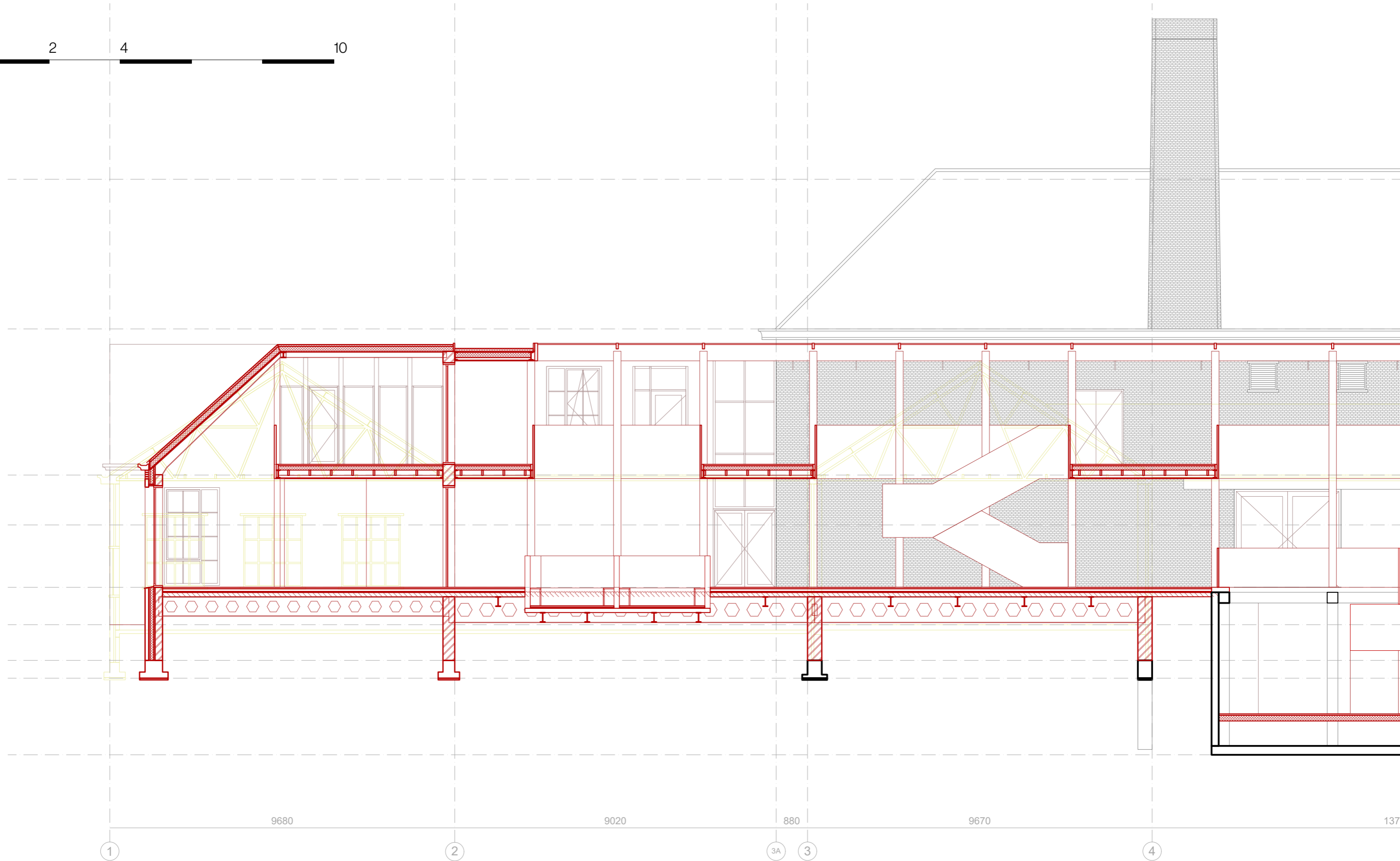
SECTION A

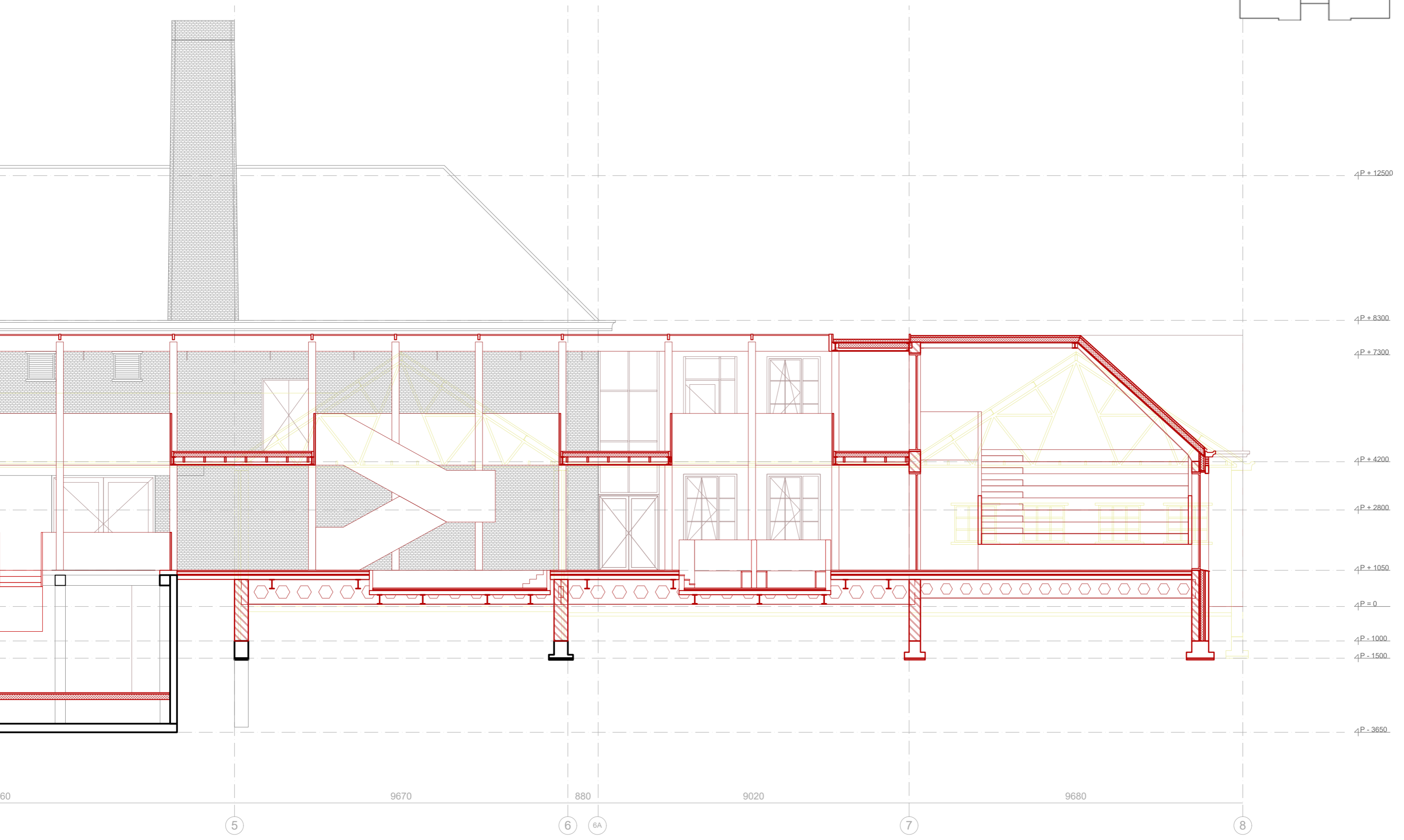
L02-OS3 · L03-OS6 · L04-OS2



SECTION B

L03-OS2 · L04-OS3 · L05-OS2 · L05-OS4



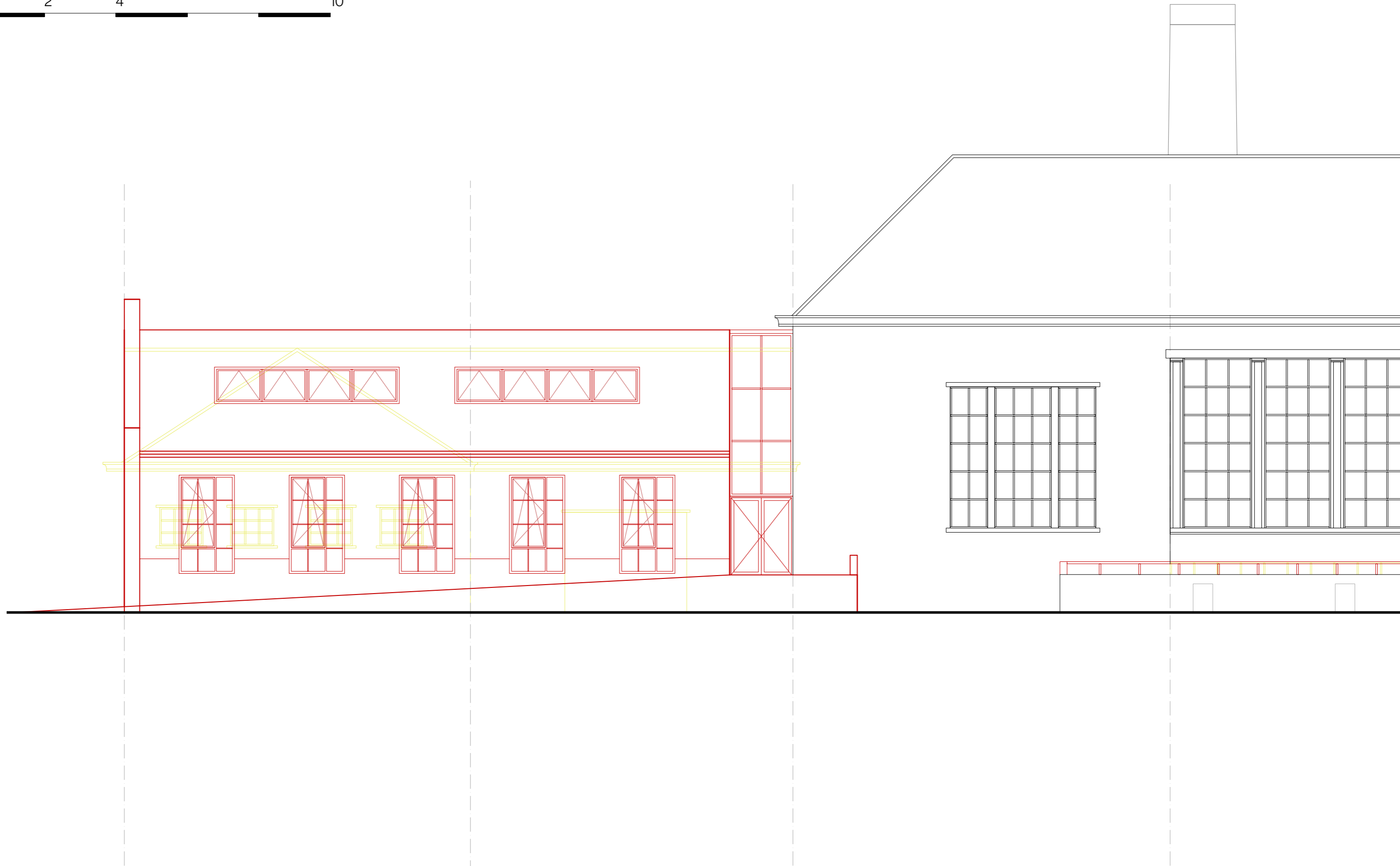


ELEVATION NORTH-EAST





ELEVATION SOUTH-WEST

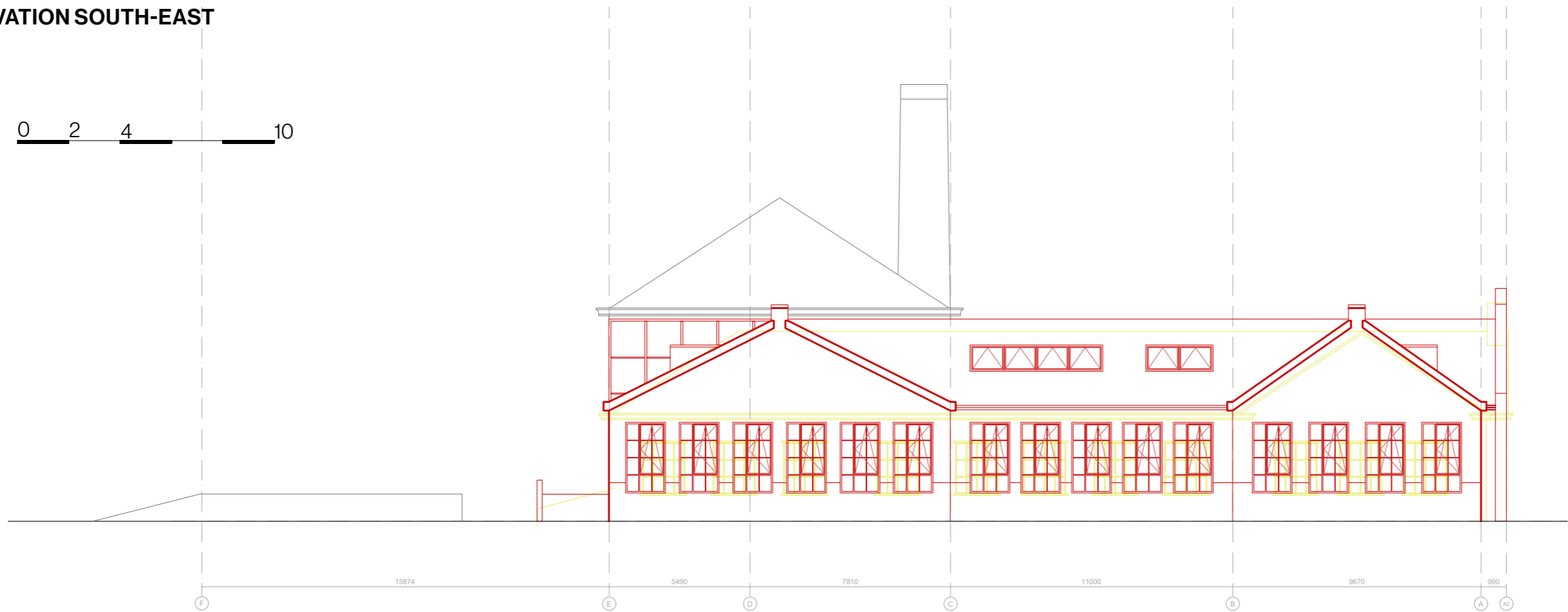




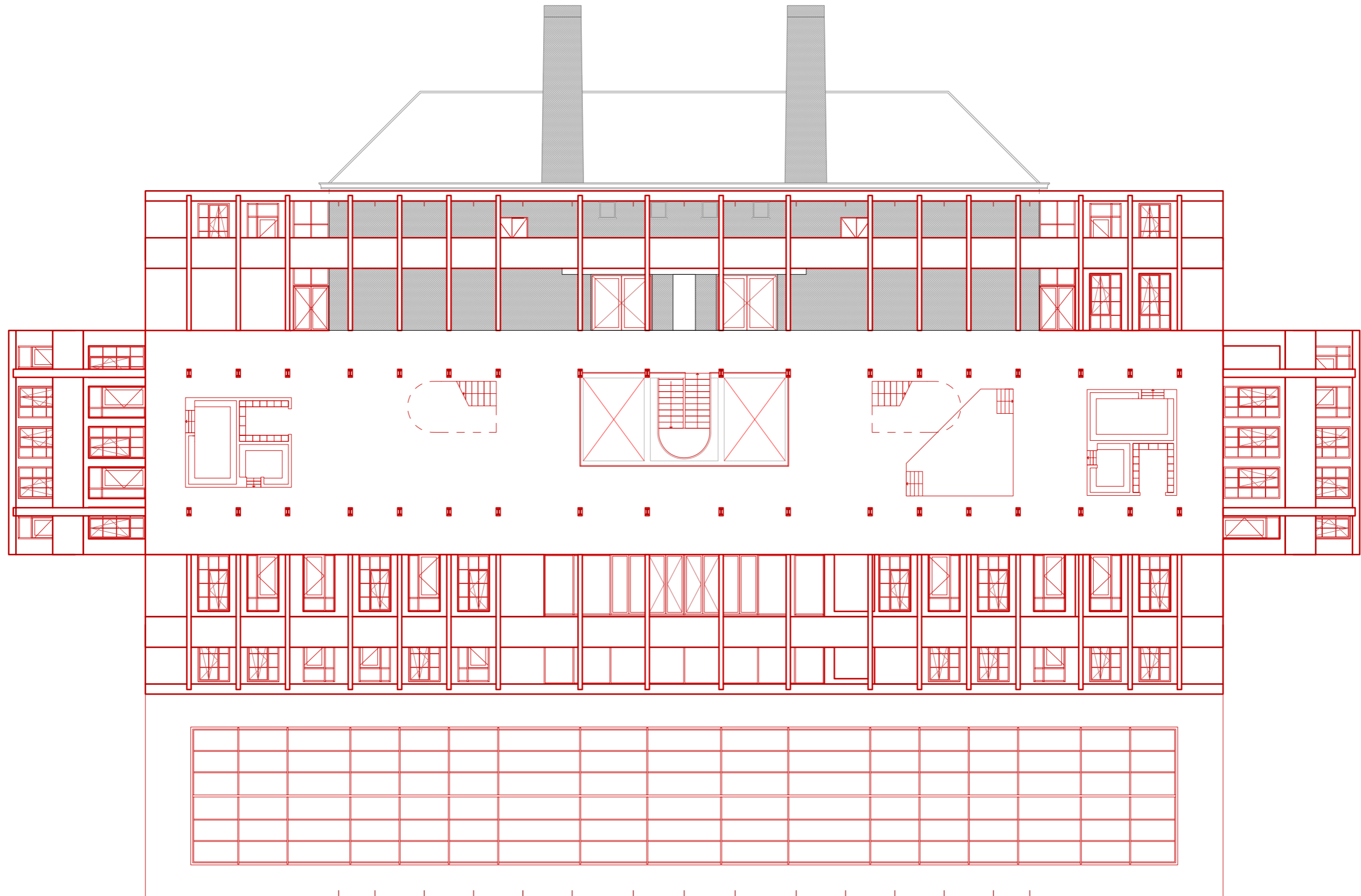
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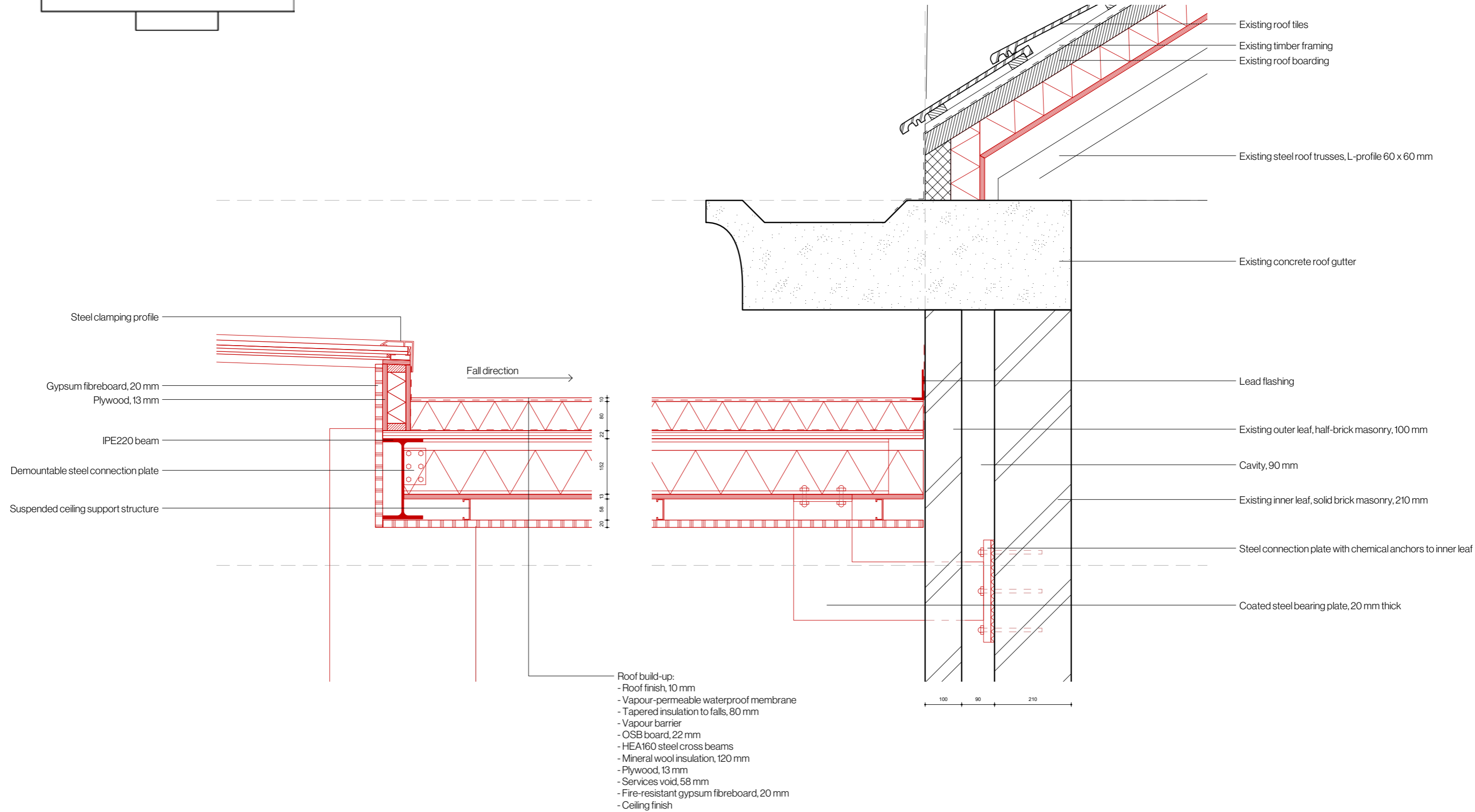
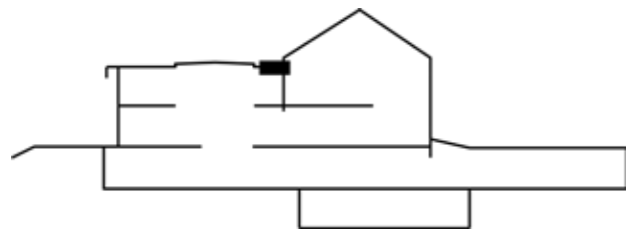


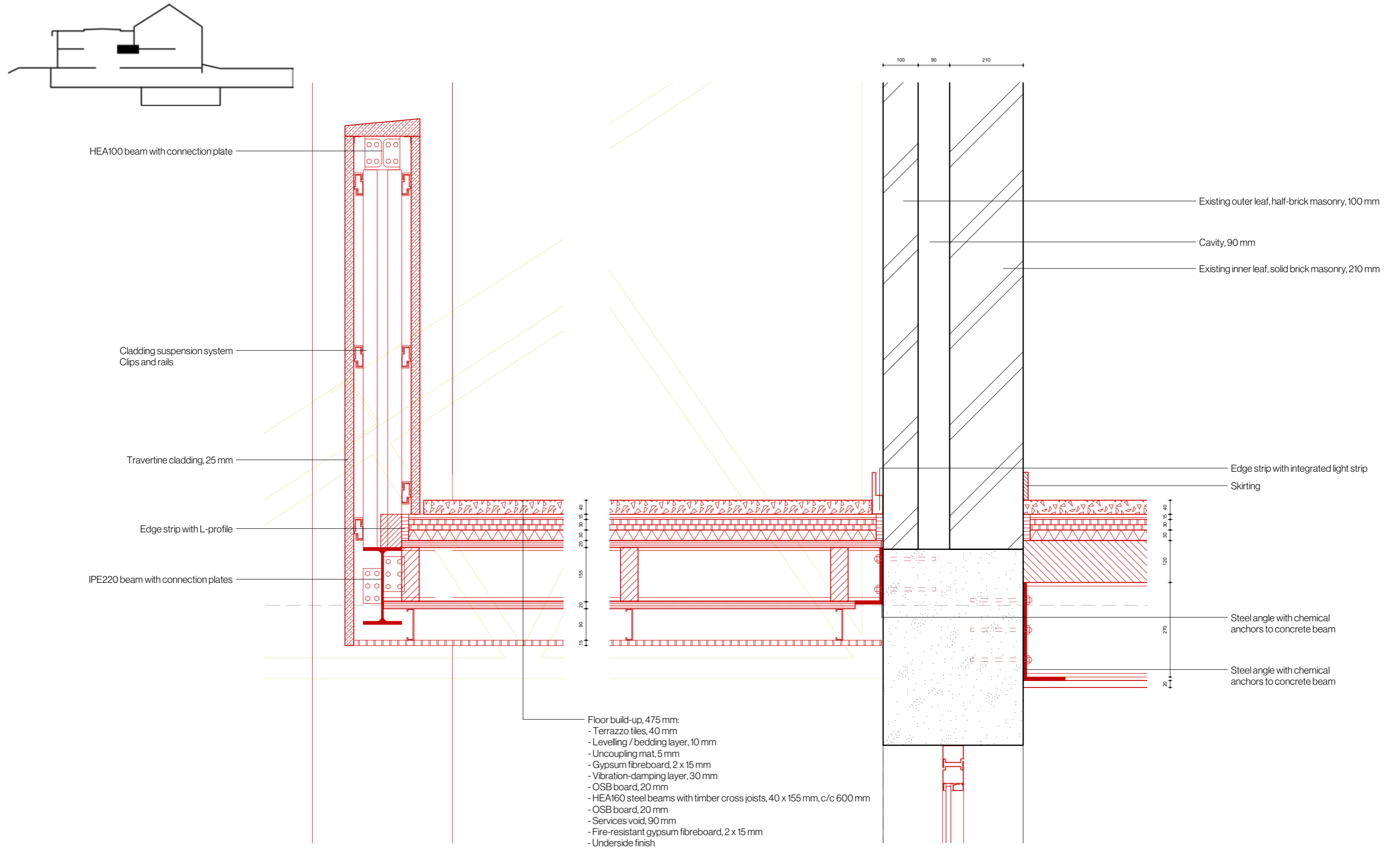
ELEVATION SOUTH-EAST



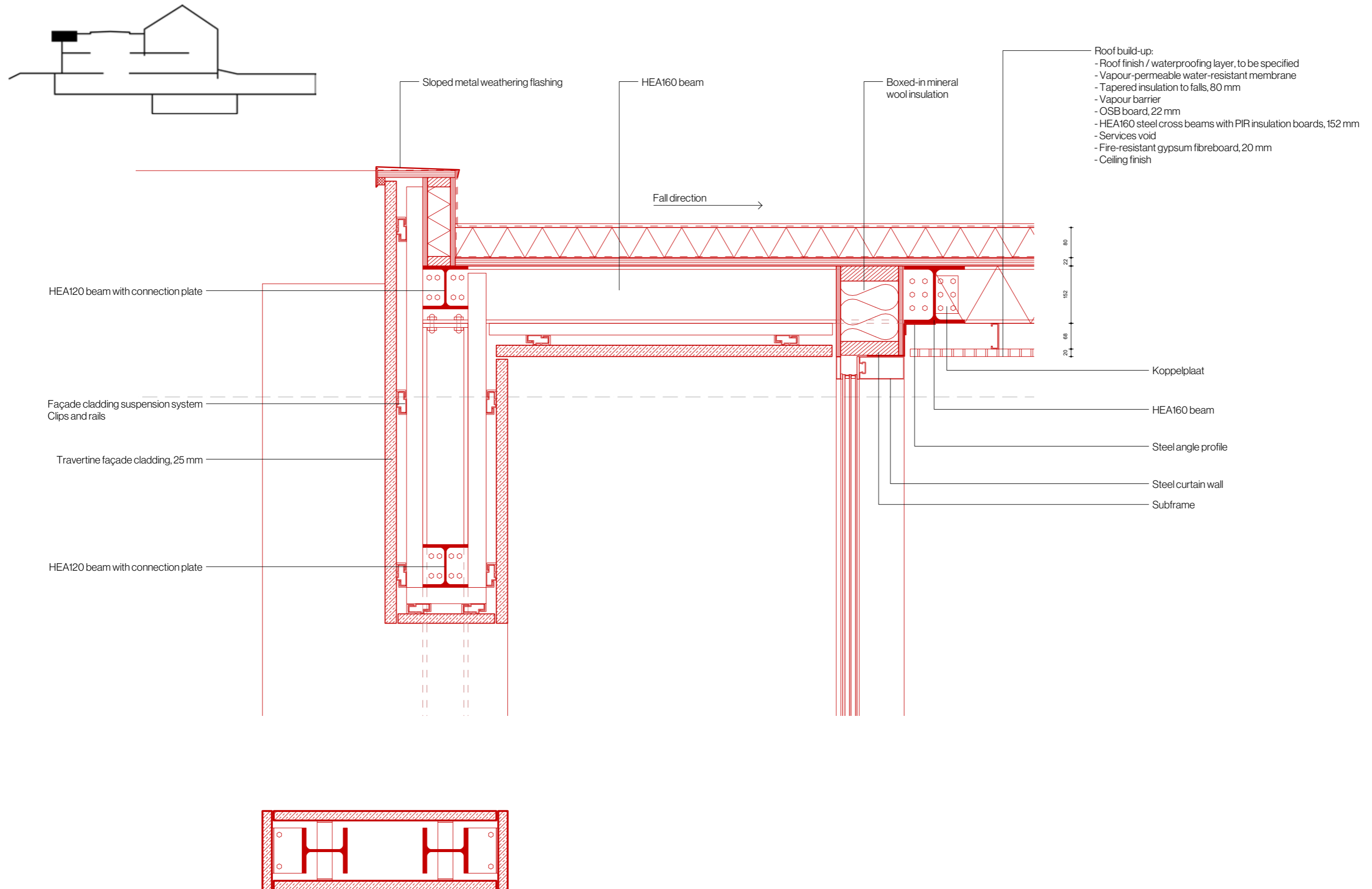
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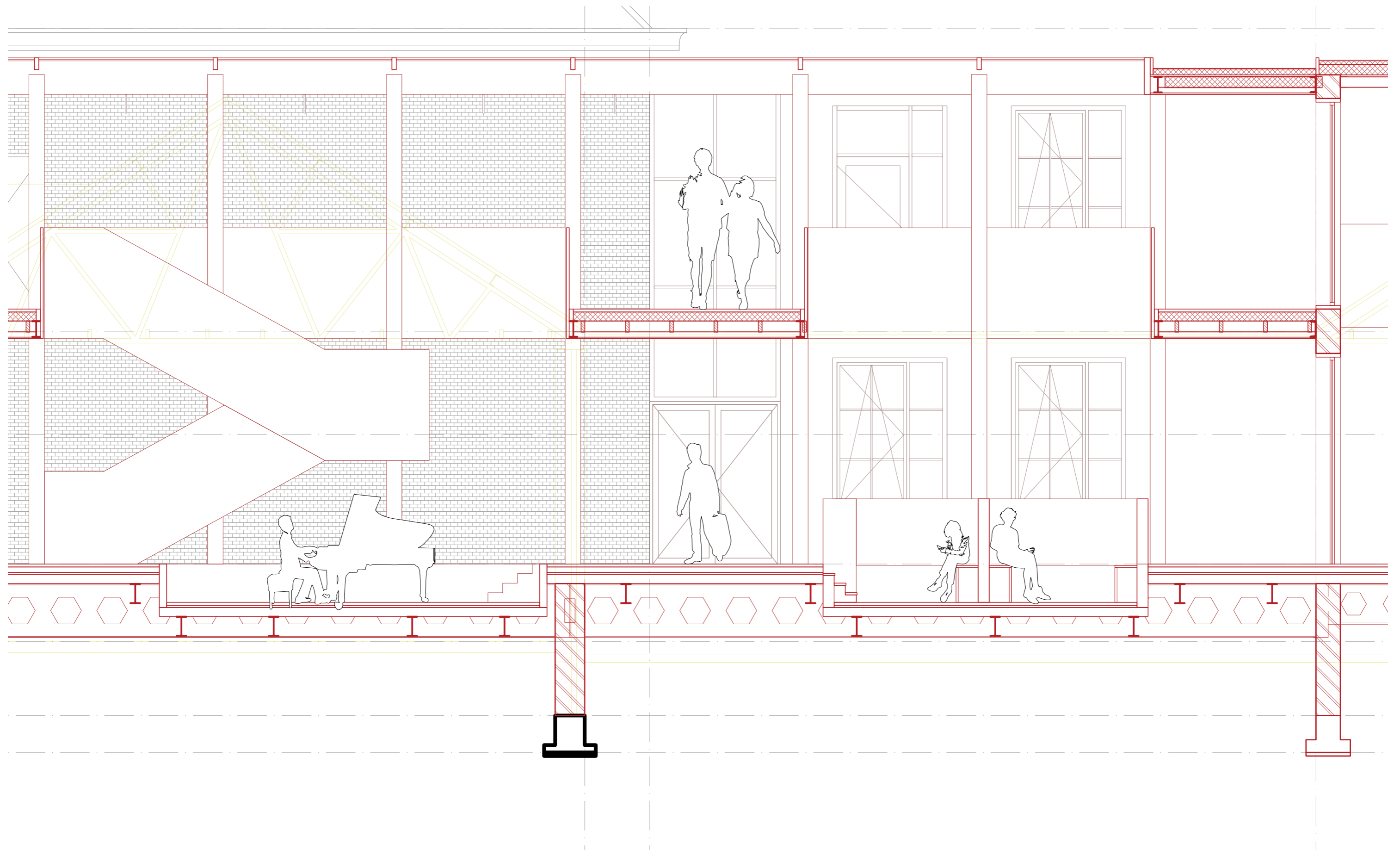






DETAIL C
1:10





III. Rebuilding The Civic Role

ARCHITECTURAL DRAWINGS, DIAGRAMS AND SPATIAL PROPOSALS

This section presents the architectural responses to the operational register. Through axonometrics, diagrams, plans, sections, renders, and spatial fragments, the project shows how the former military ensemble is transformed into a civic residential environment.

Where the yellow-red drawings explain the basic acts of removal and addition, this part shows how those operations become spaces: routes, thresholds, collective interiors, public edges, and new forms of use. Each drawing is linked to the operational statements it addresses, making the design readable as a traceable response to the site.

LOCATION EMBEDDING



URBAN SITUATION



ELEVATION NORTH-EAST

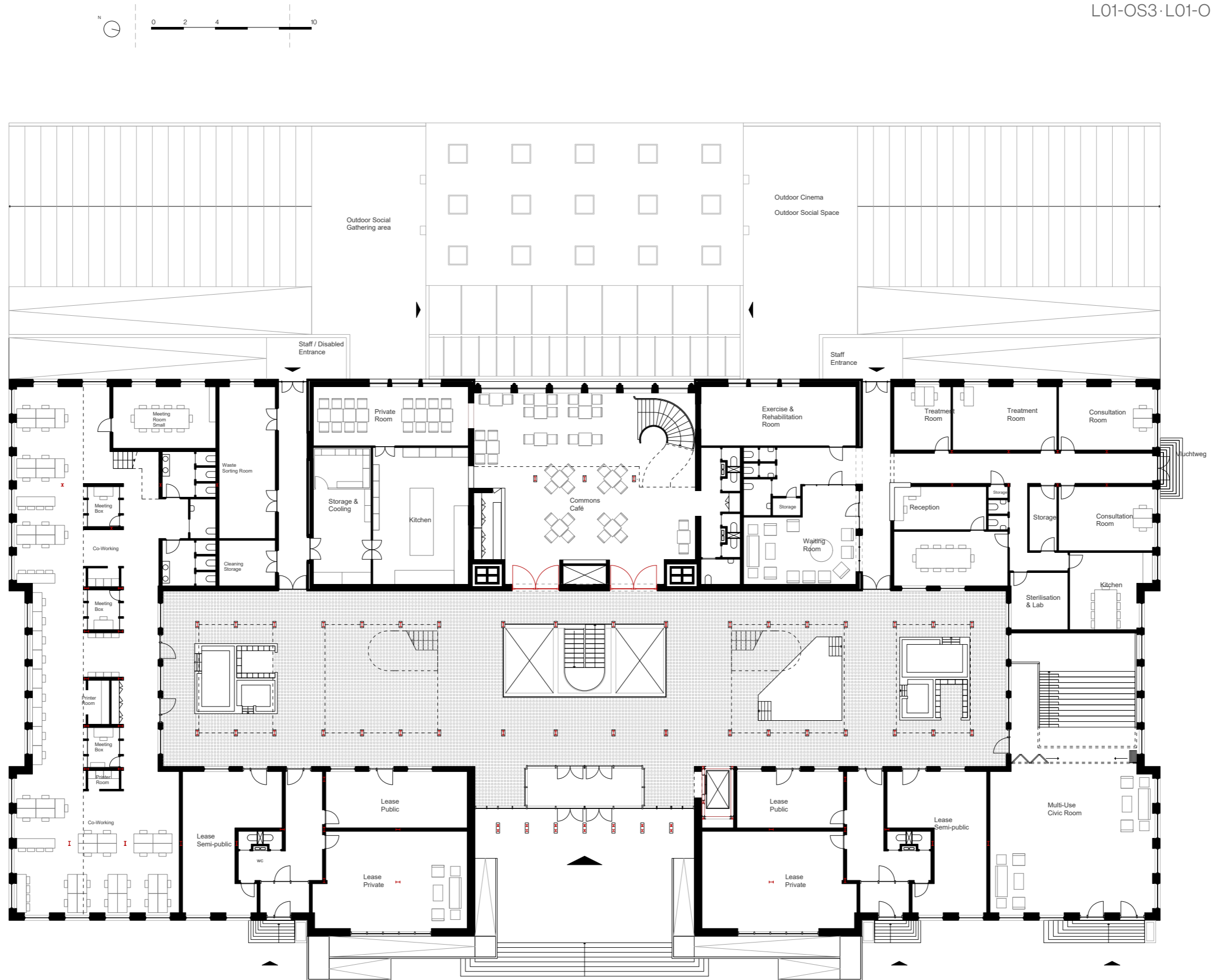


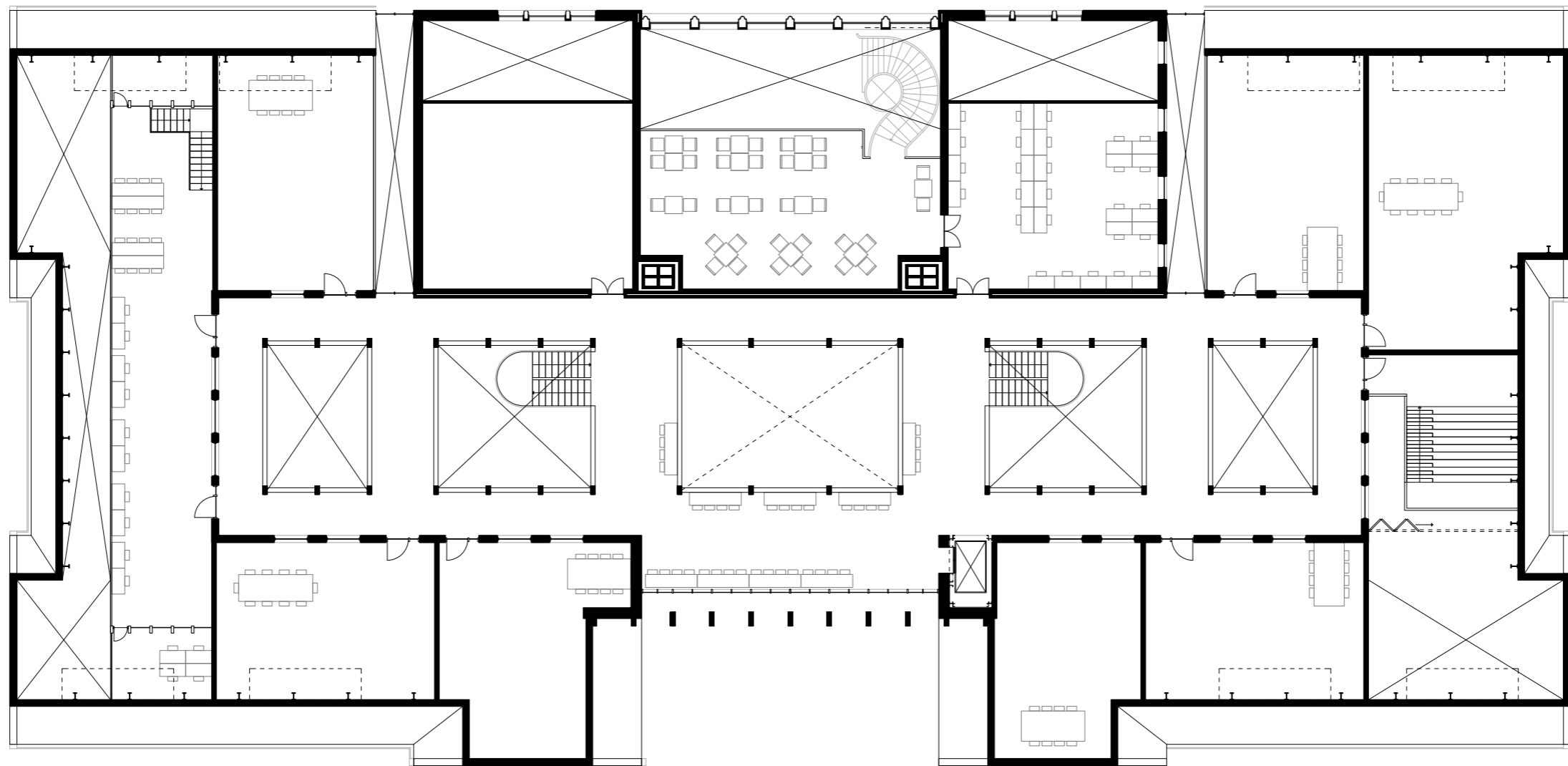
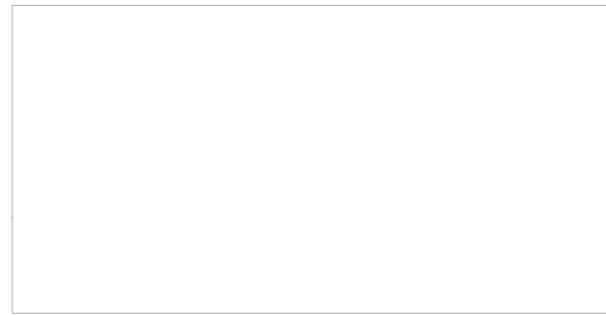


ELEVATION SOUTH-WEST

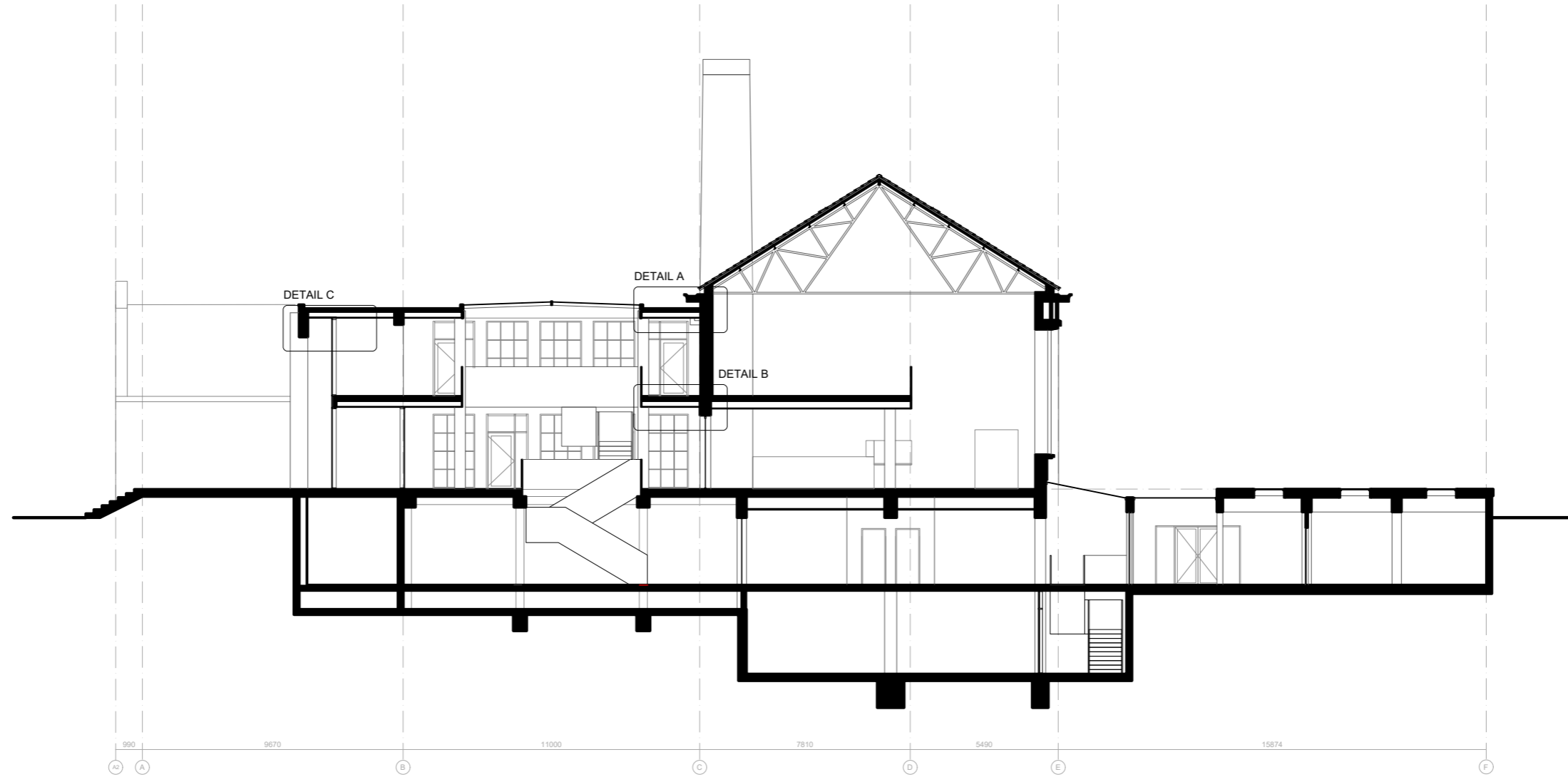
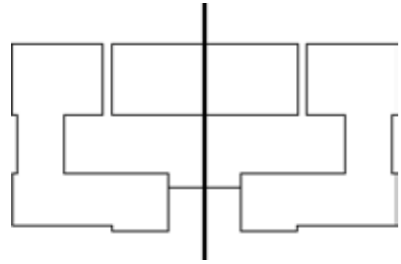




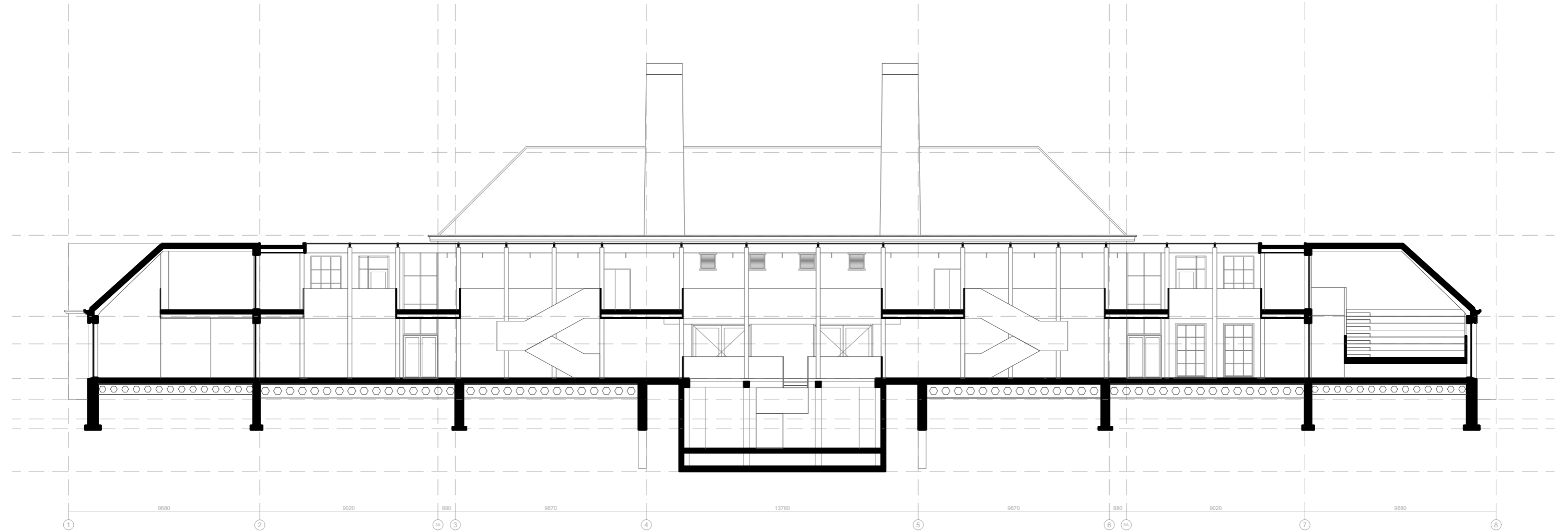
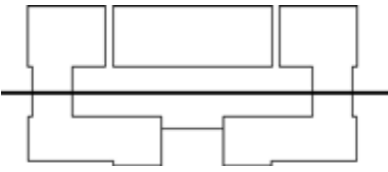


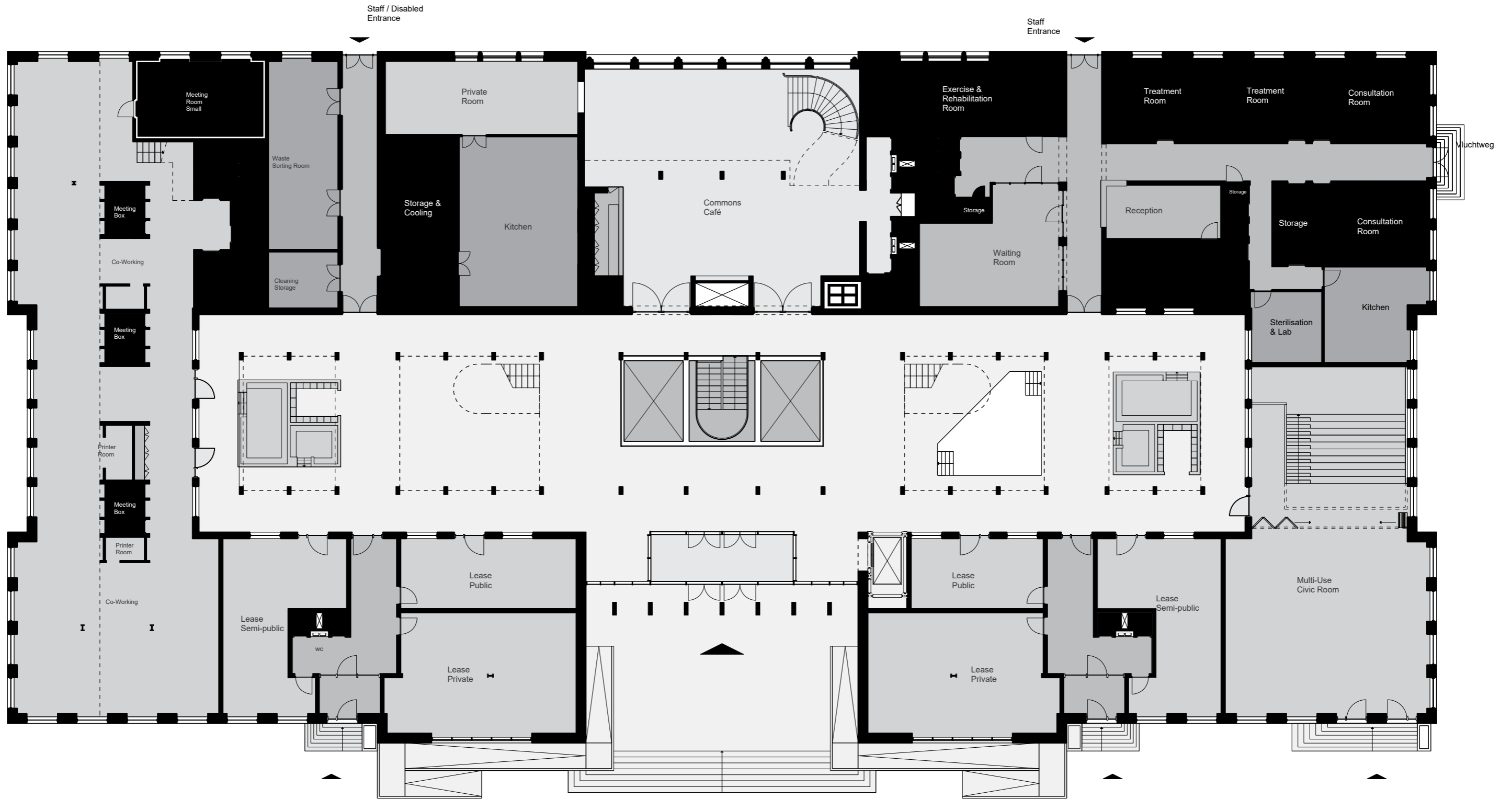


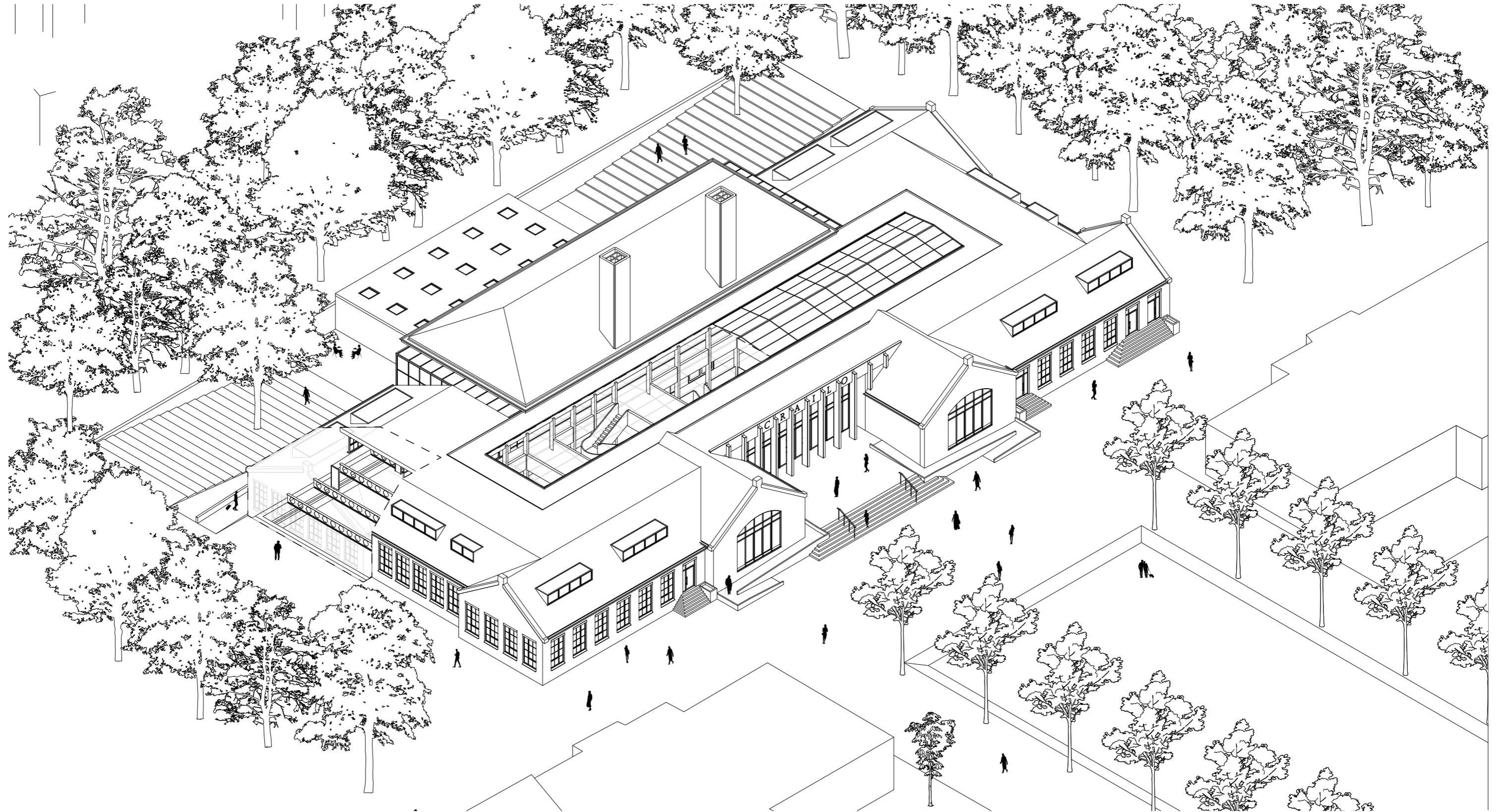
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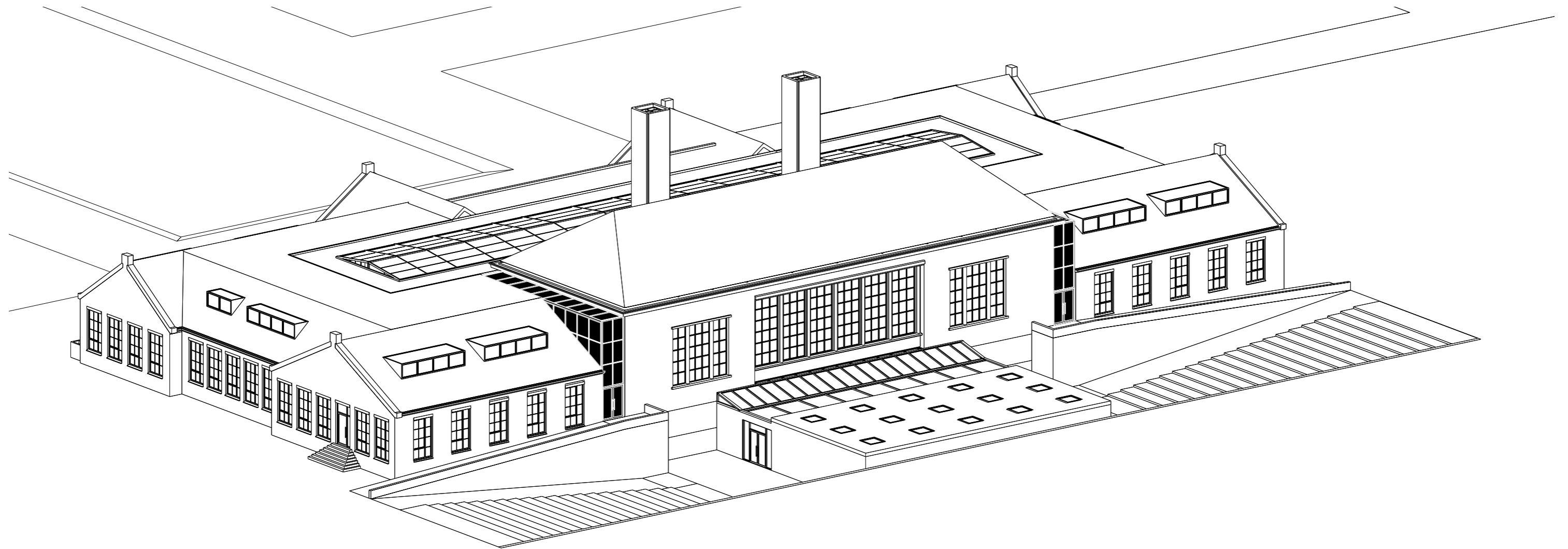


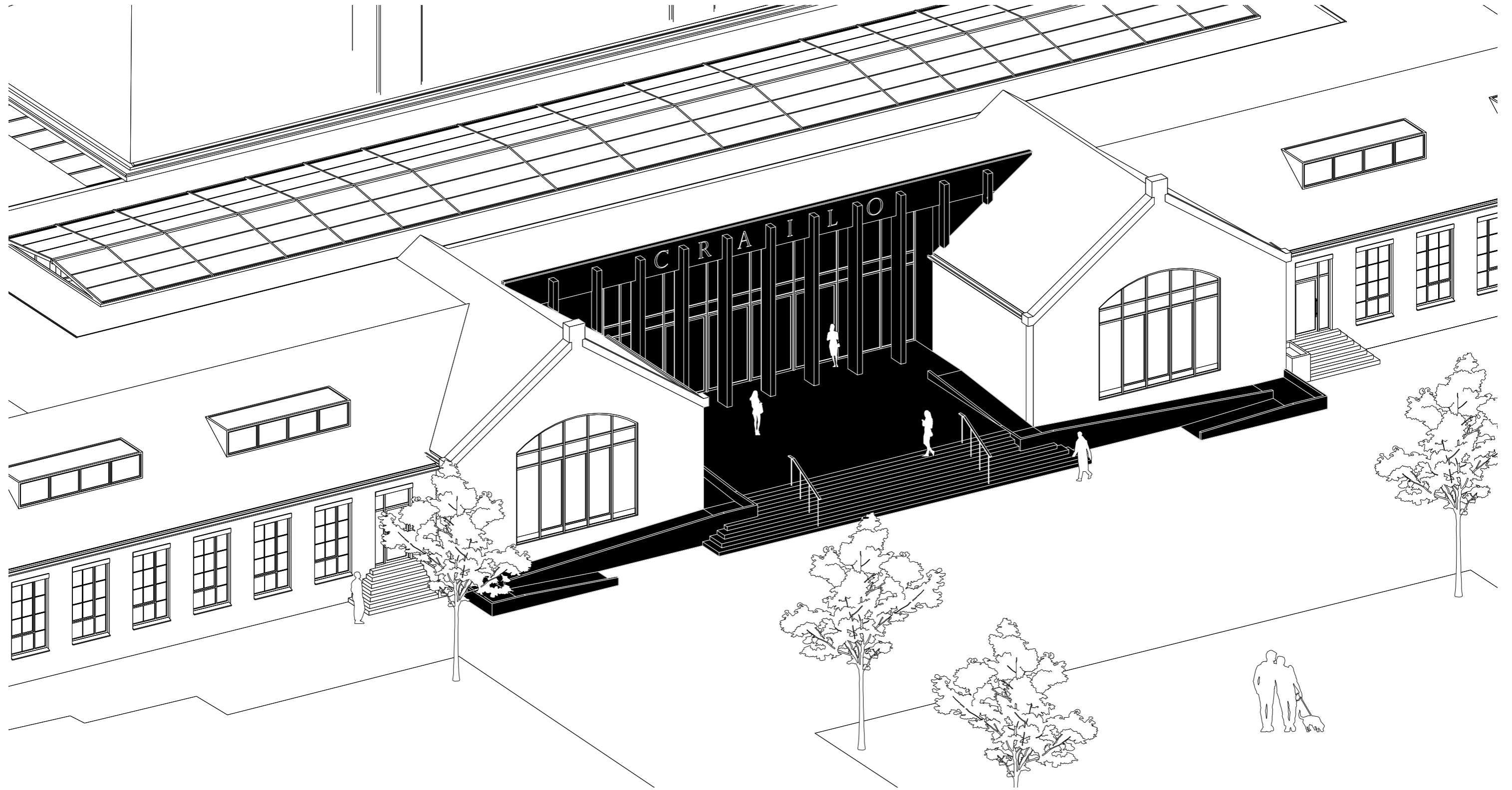
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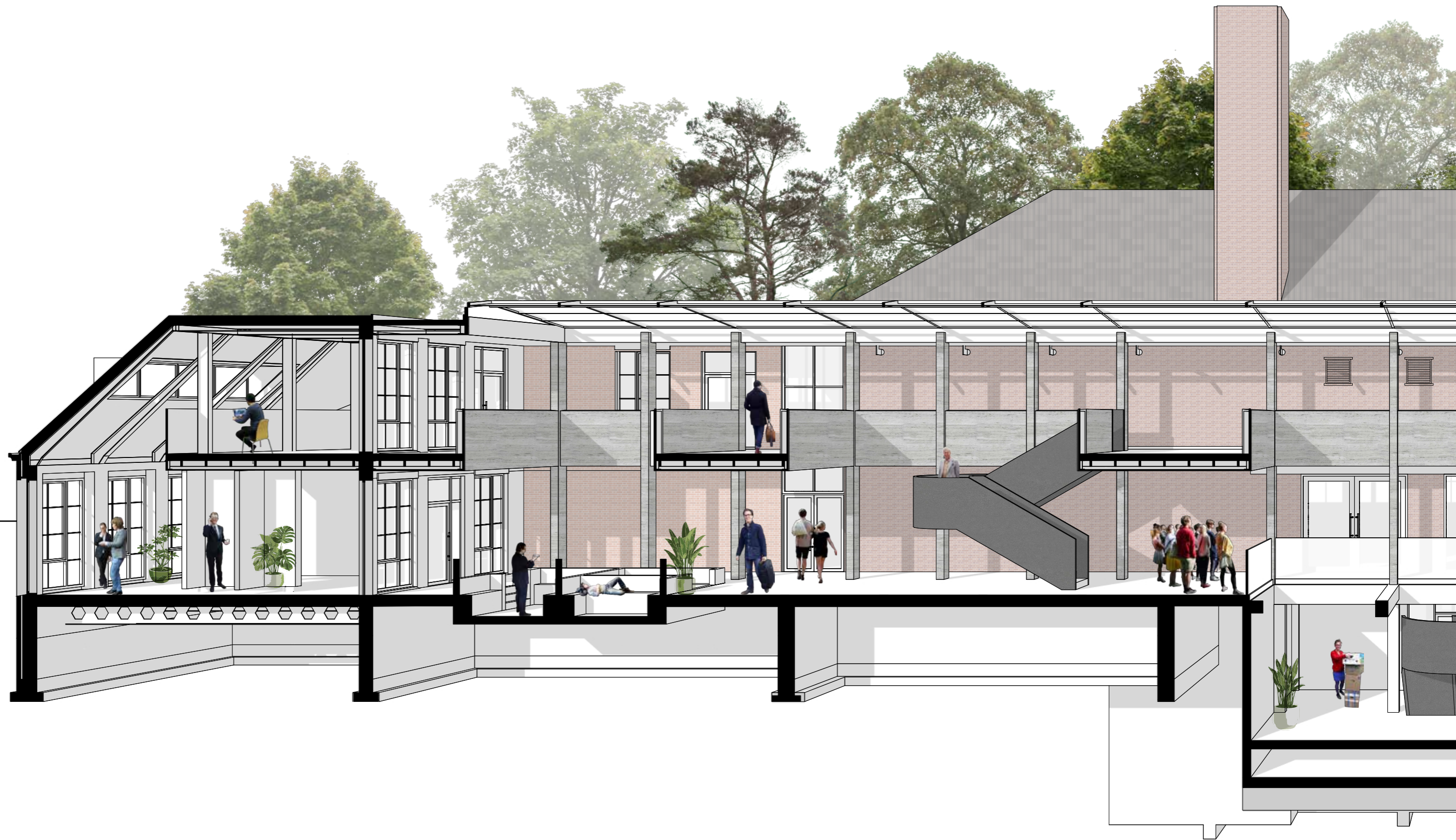




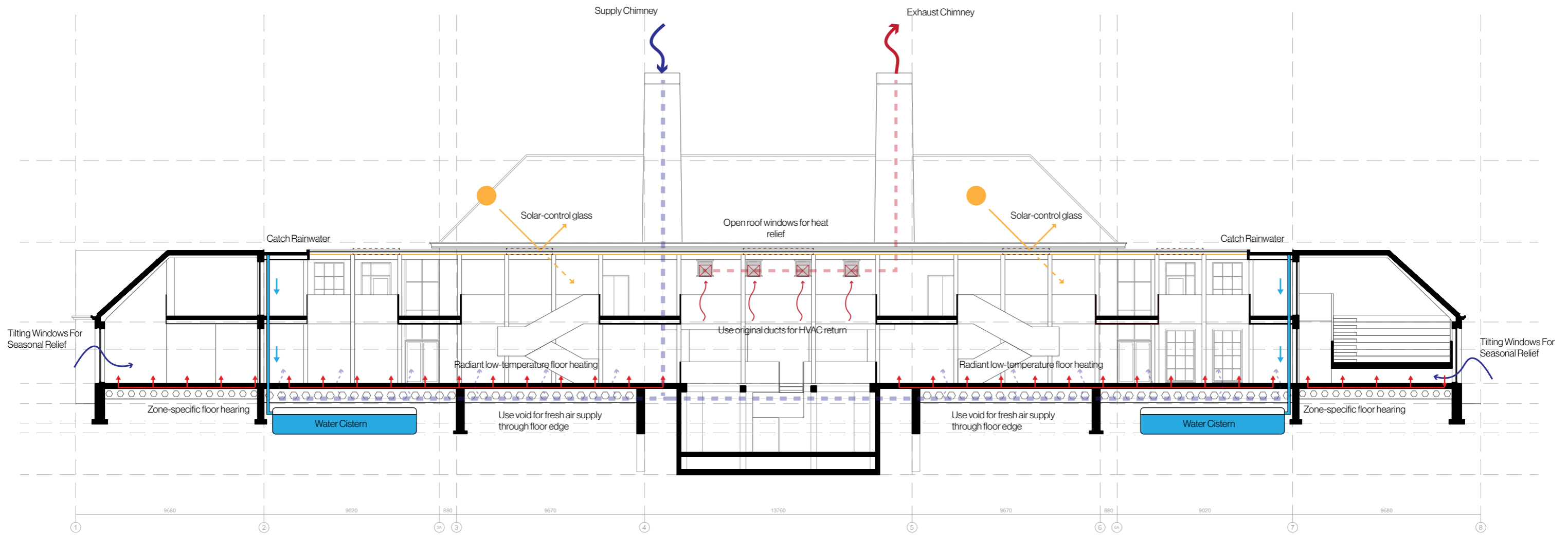


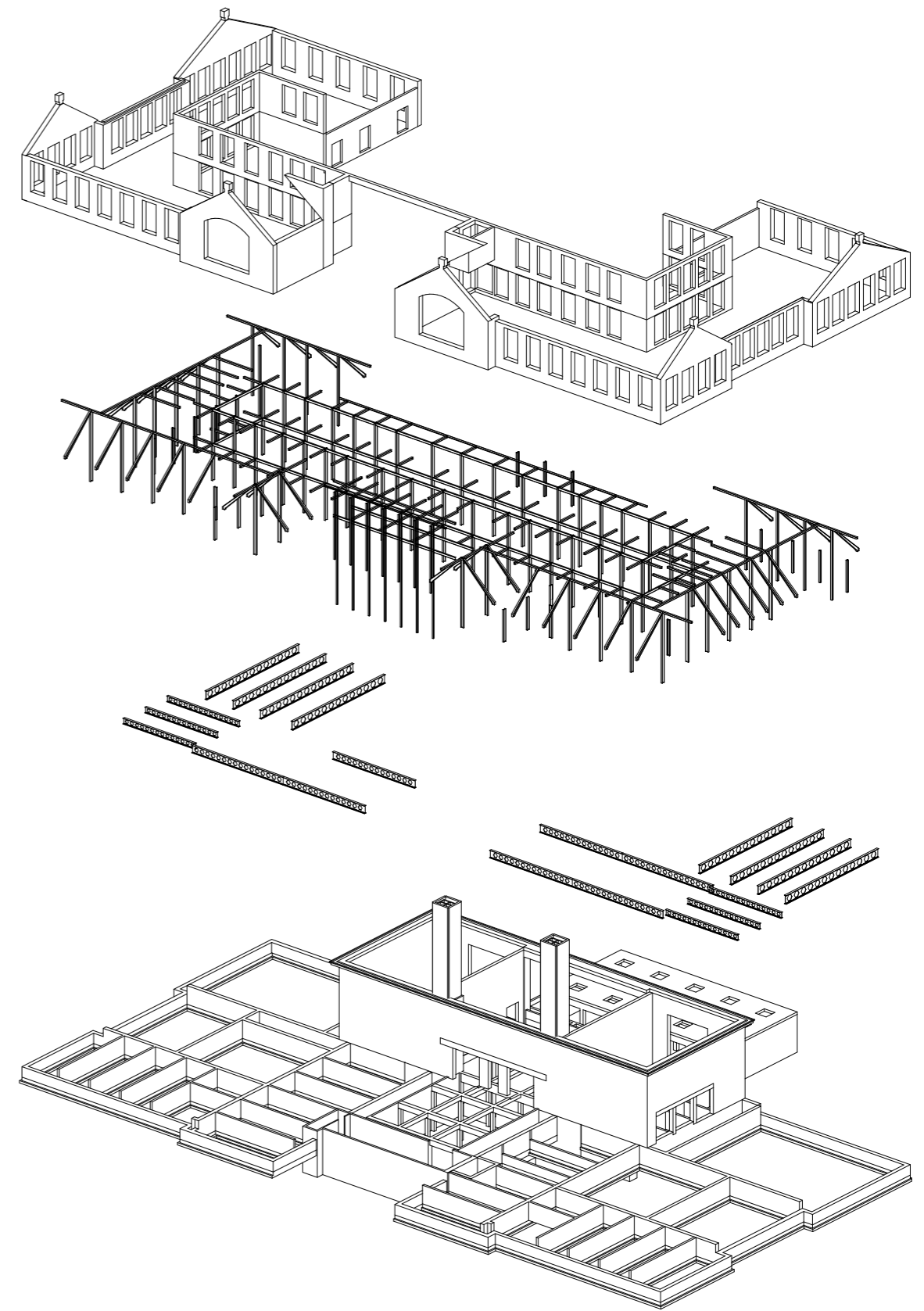
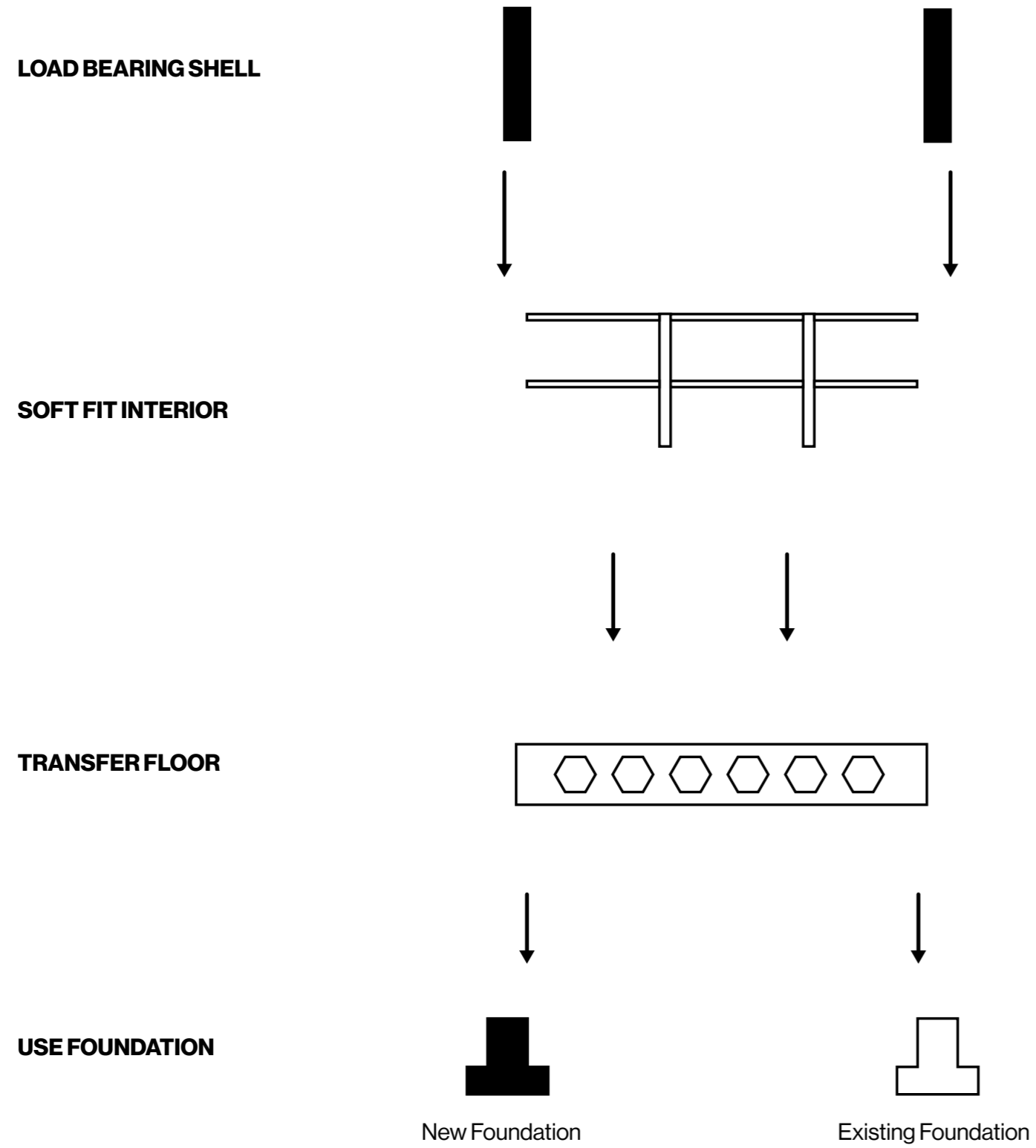


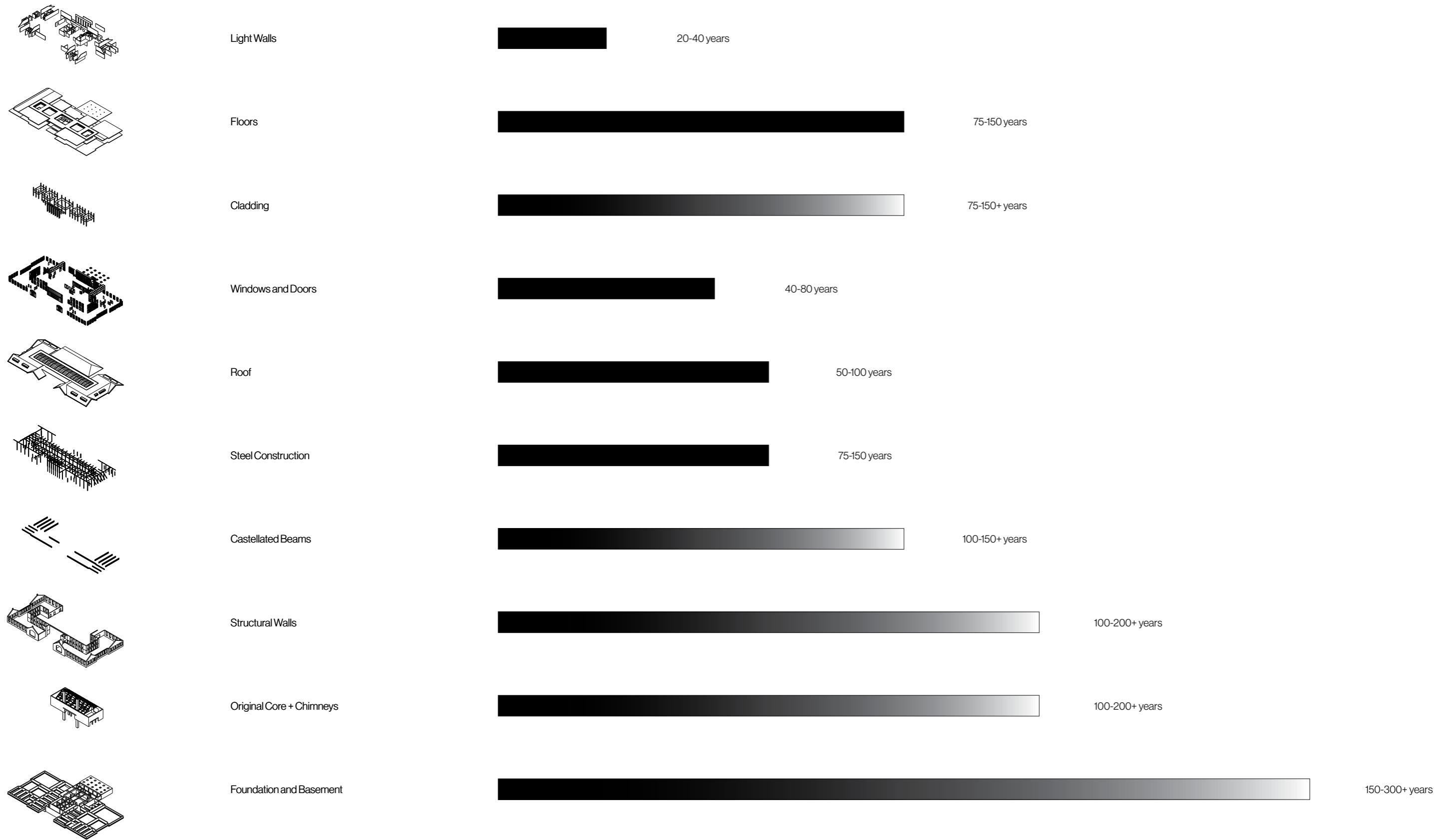
PERSPECTIVE SECTION











PROGRAM THROUGH TIME

