

Archiving Architecture: The Valley

The Flanders Architecture Archives

Architecture Archives

The Flanders Architecture Archives

Context

My Design Proposal

Architecture Archives

What defines an architecture archive?



CCA Archive model by fellow students Daan Franken, Veronica Danesin, Jenny Fang and Yunke Li
Architecture Archives



Drawing Matter Archive model by fellow students Margaux Lomax and Yueyi Liang
Architecture Archives



Herzog & de Meuron model by fellow students Dilek Zaid, Silas Windrich and Jiarui Xing
Architecture Archives



Soane Museum model by fellow students Ertug Ciftci, Alessabdra D'Acunto, Liren Chu and Sem Verwey
Architecture Archives



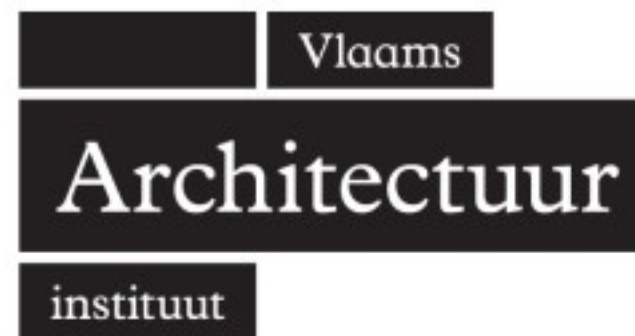
Ungers house extension model by me and fellow students Jakub Nowak and Jur Sinia
Architecture Archives

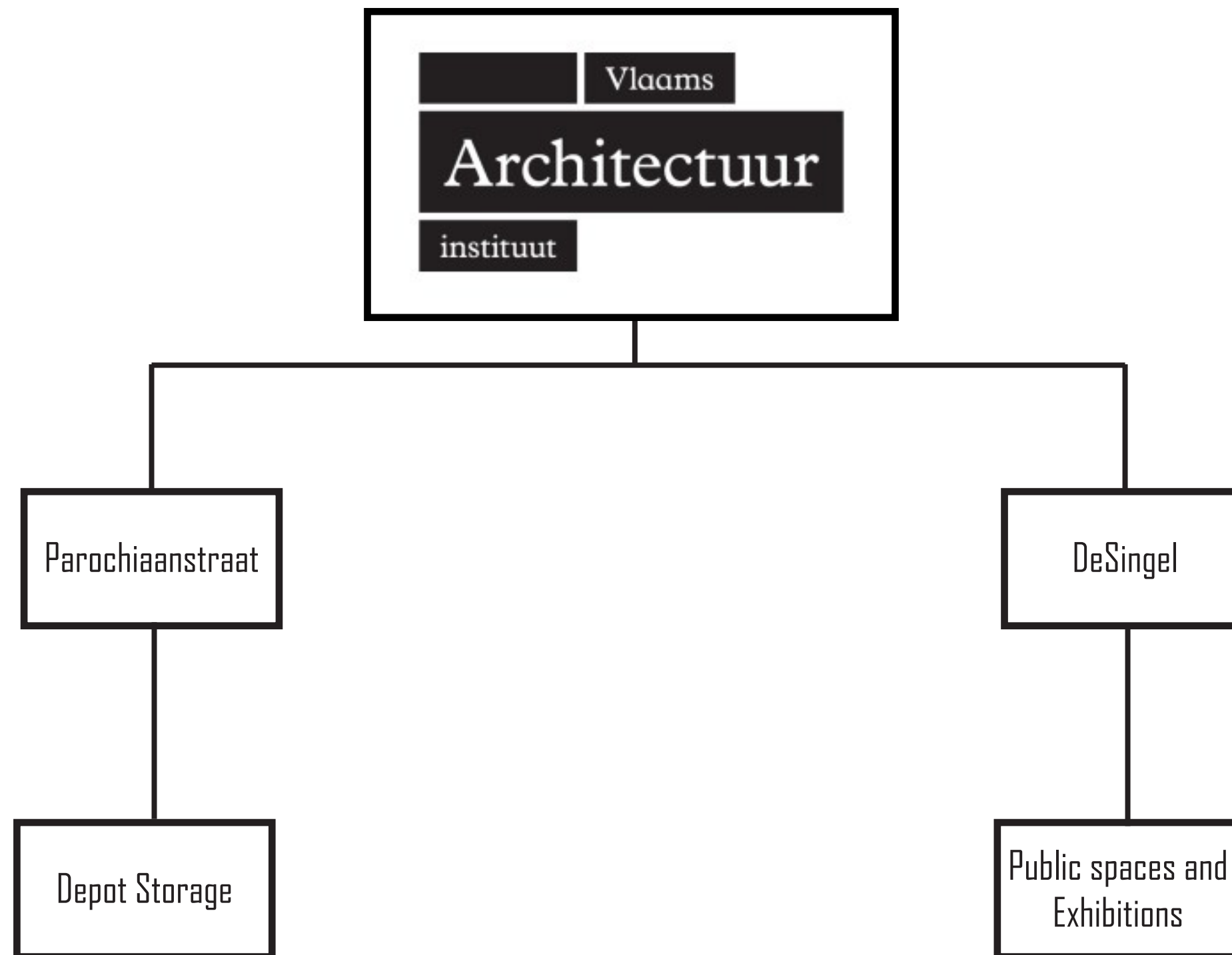


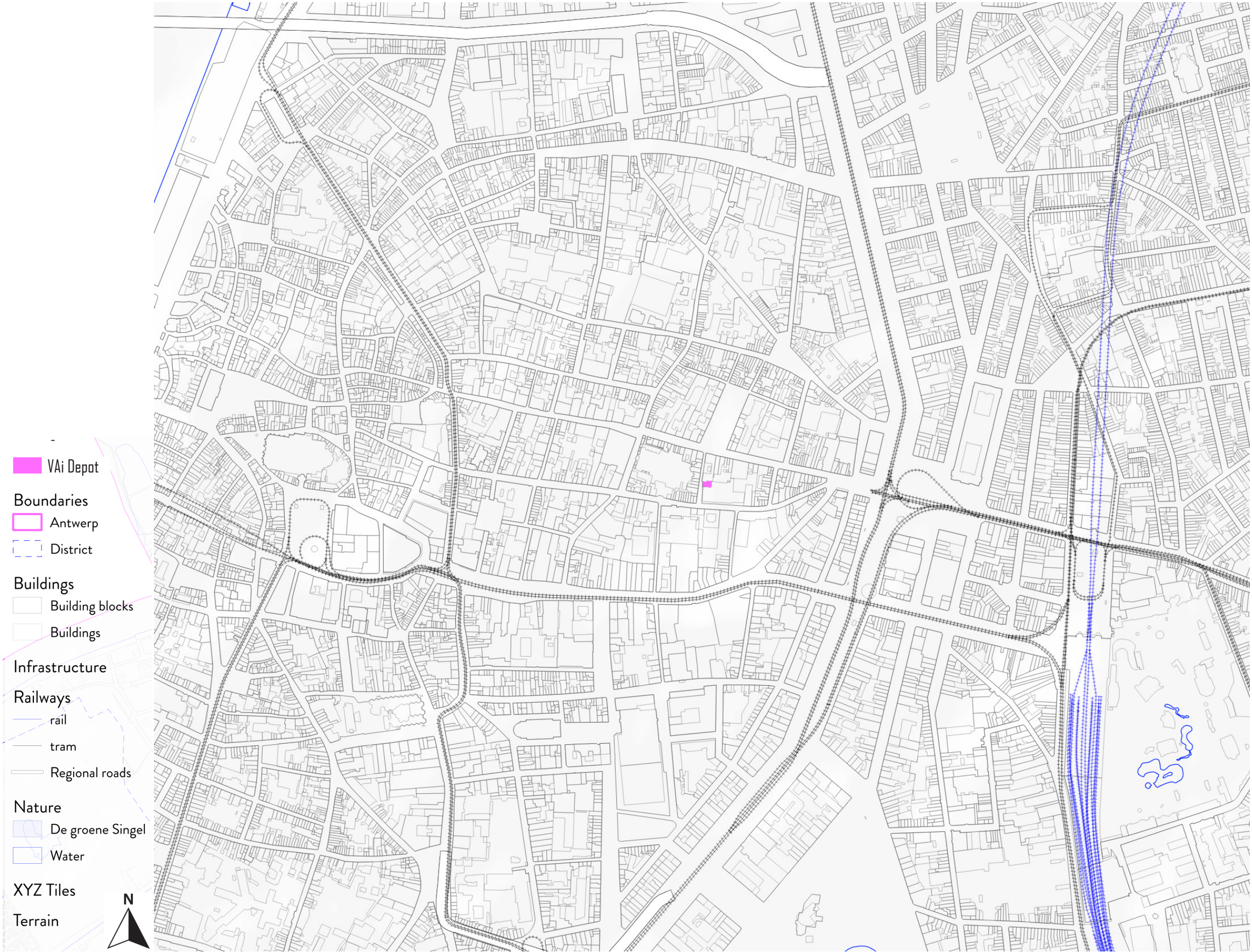
Exhibition space of the VAI within deSingel.
Architecture Archives

Flanders Architecture Archives

Who is the VAI and where are they located?







Parochiaanstraat - VAI Depot location
Flanders Architecture Archives

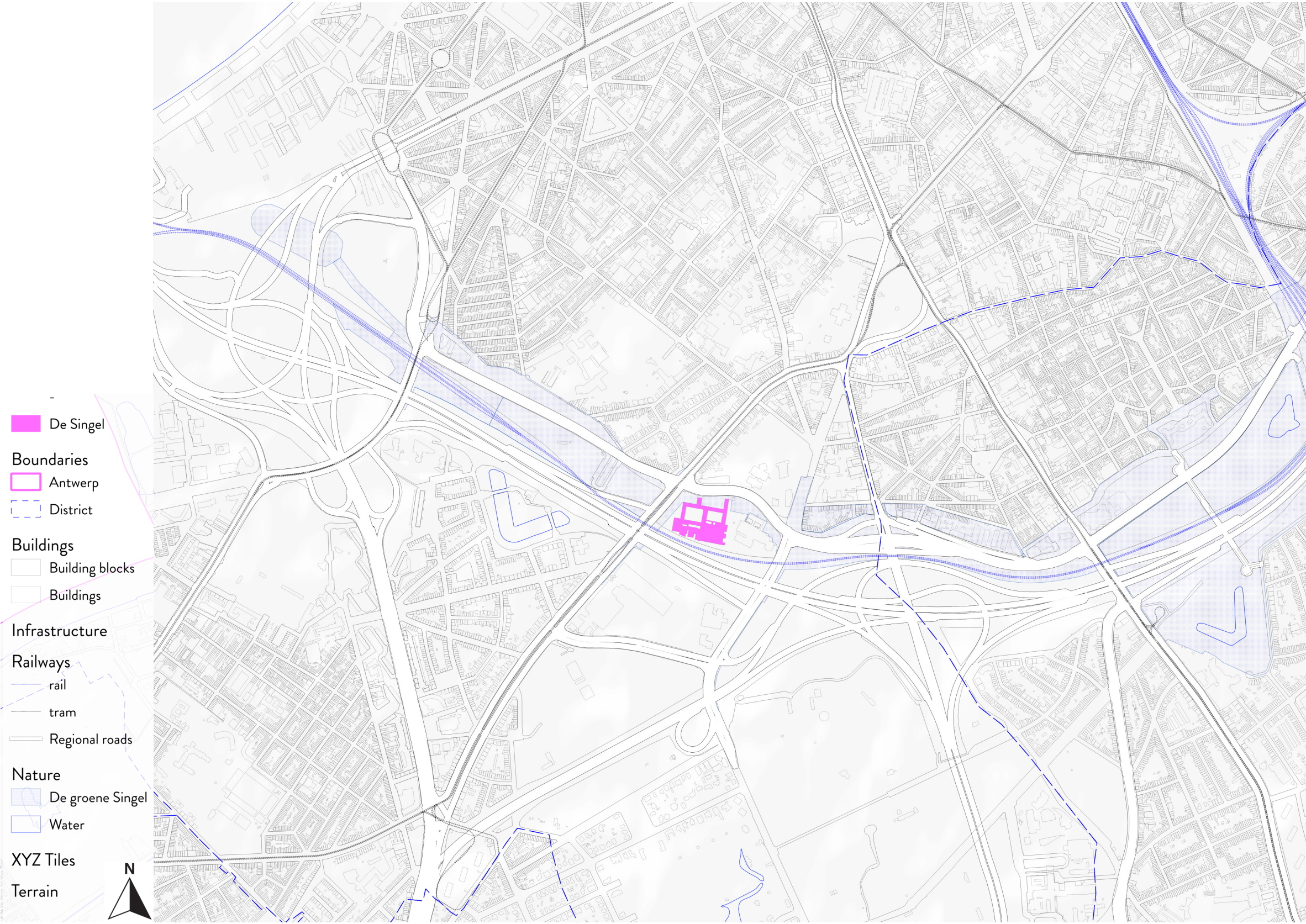


Parochiaanstraat - entrance of the VAI depot
Flanders Architecture Archives



Reading room and digitisation room
Flanders Architecture Archives



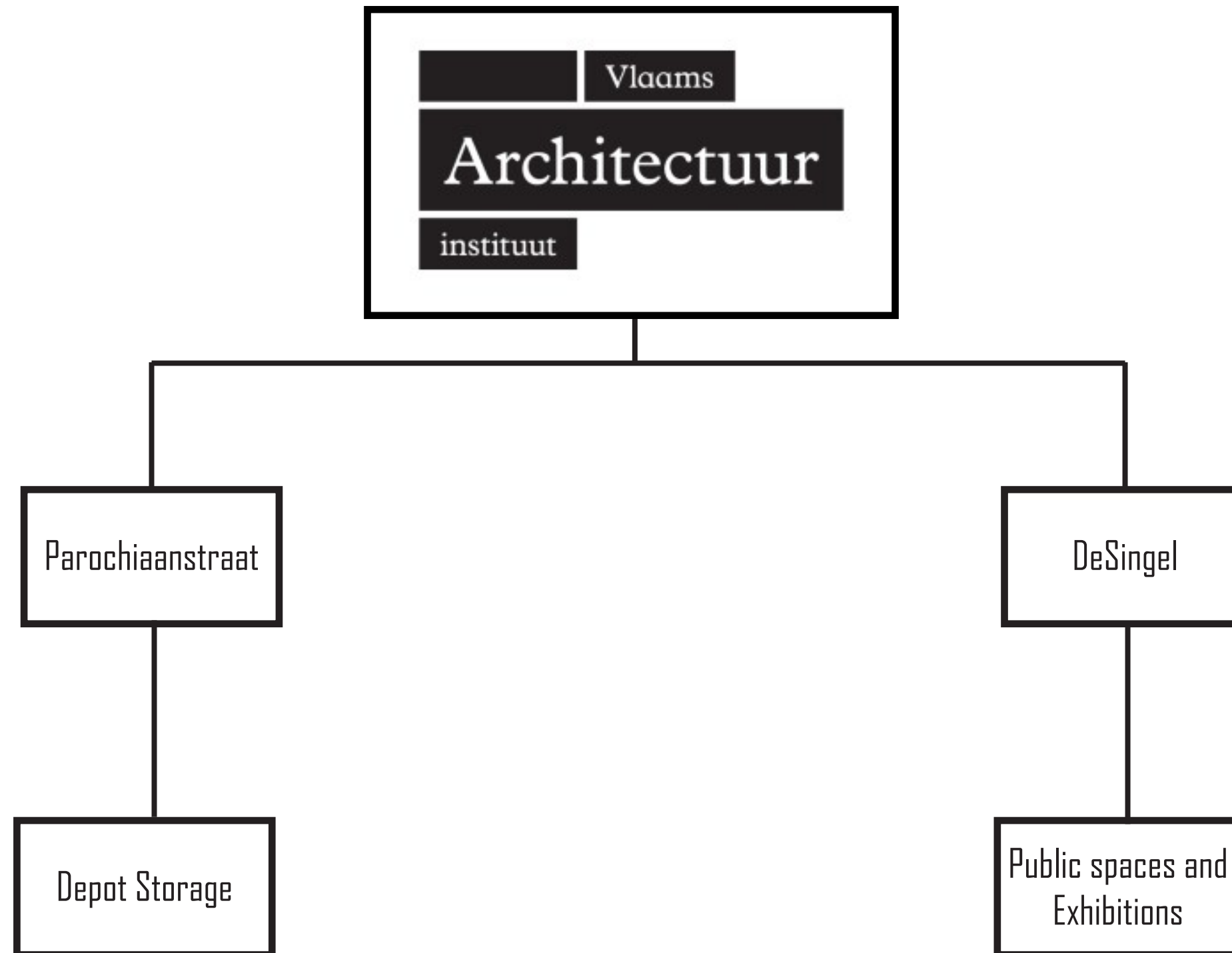


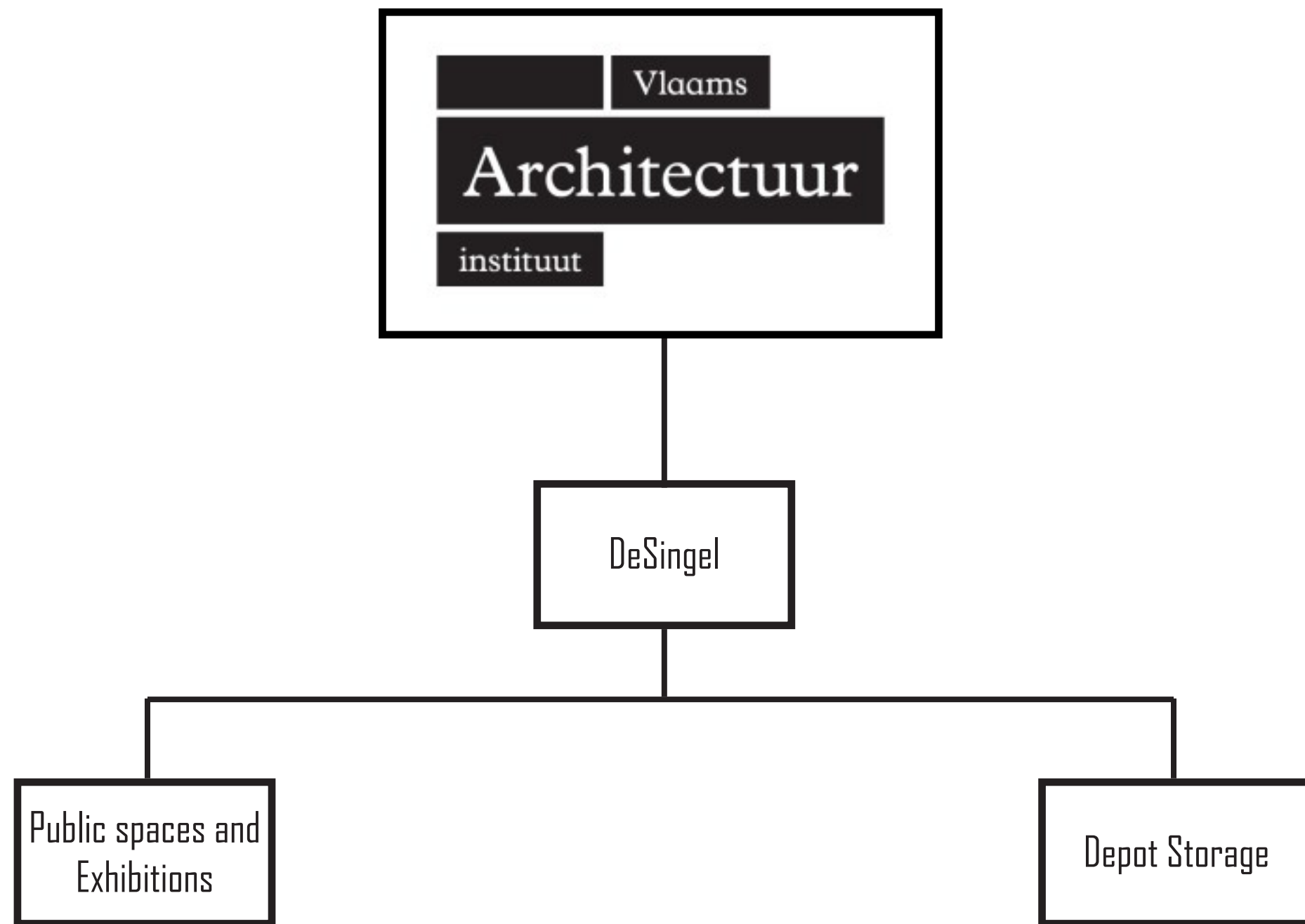


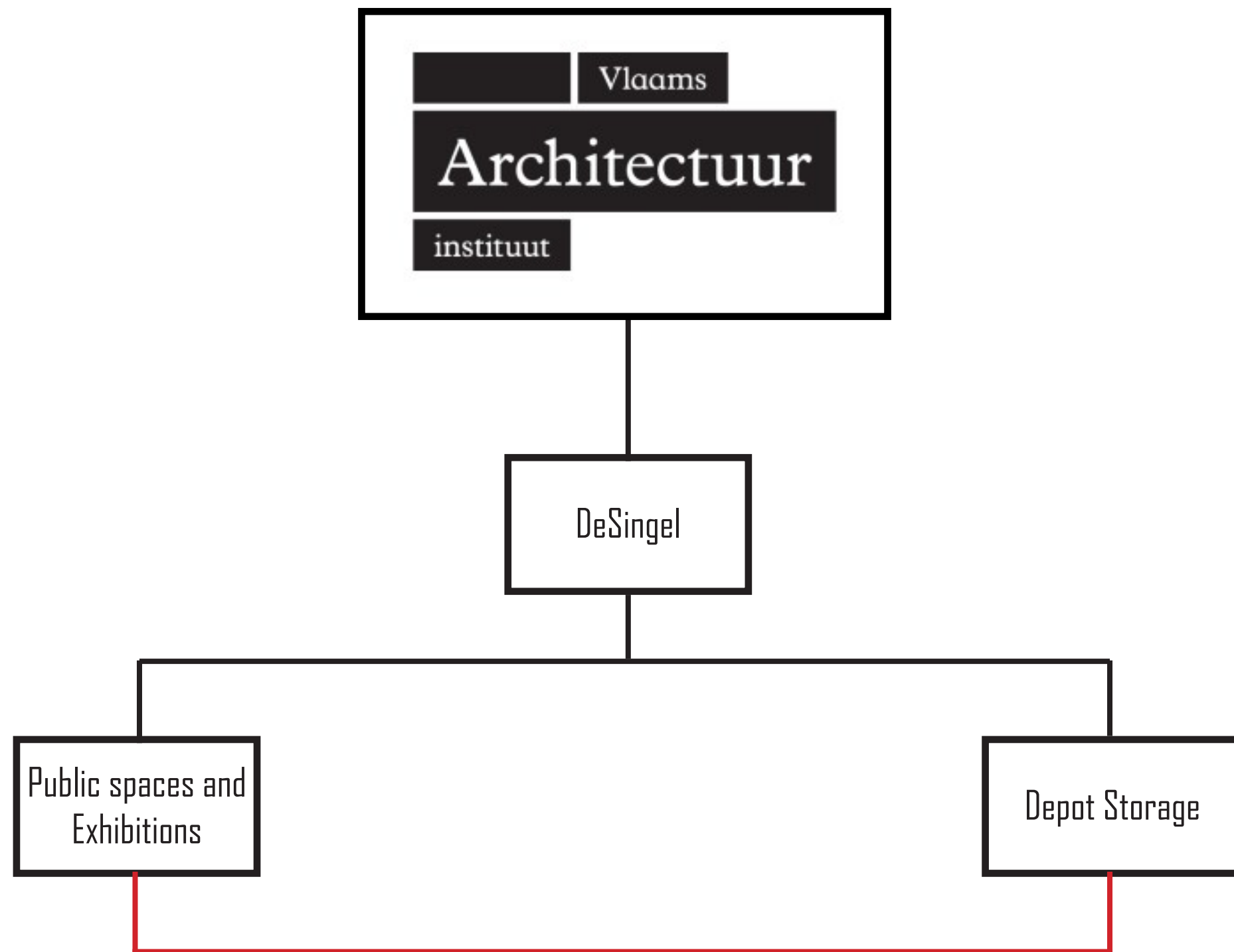




Exhibition room in deSingel
Flanders Architecture Archives



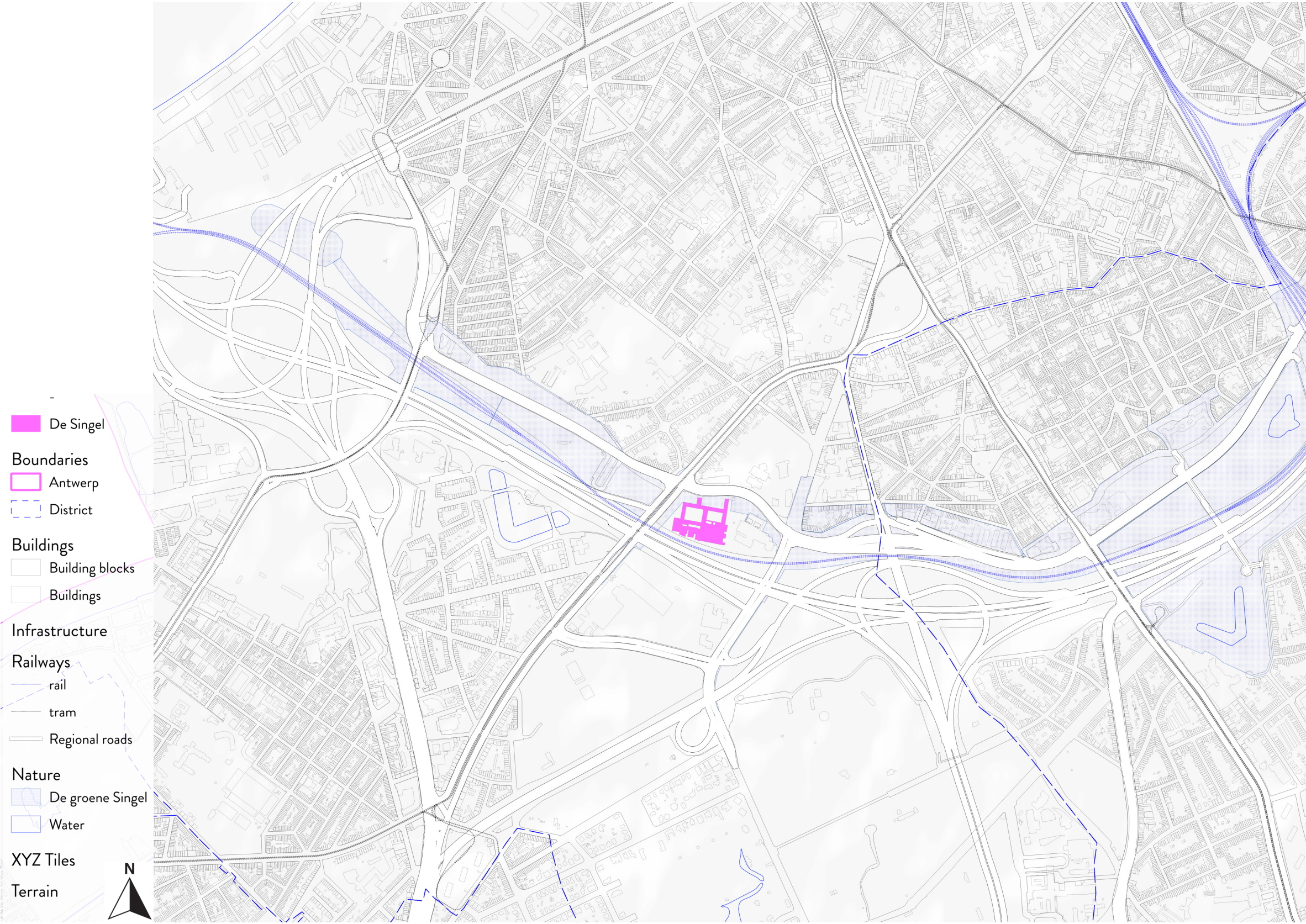


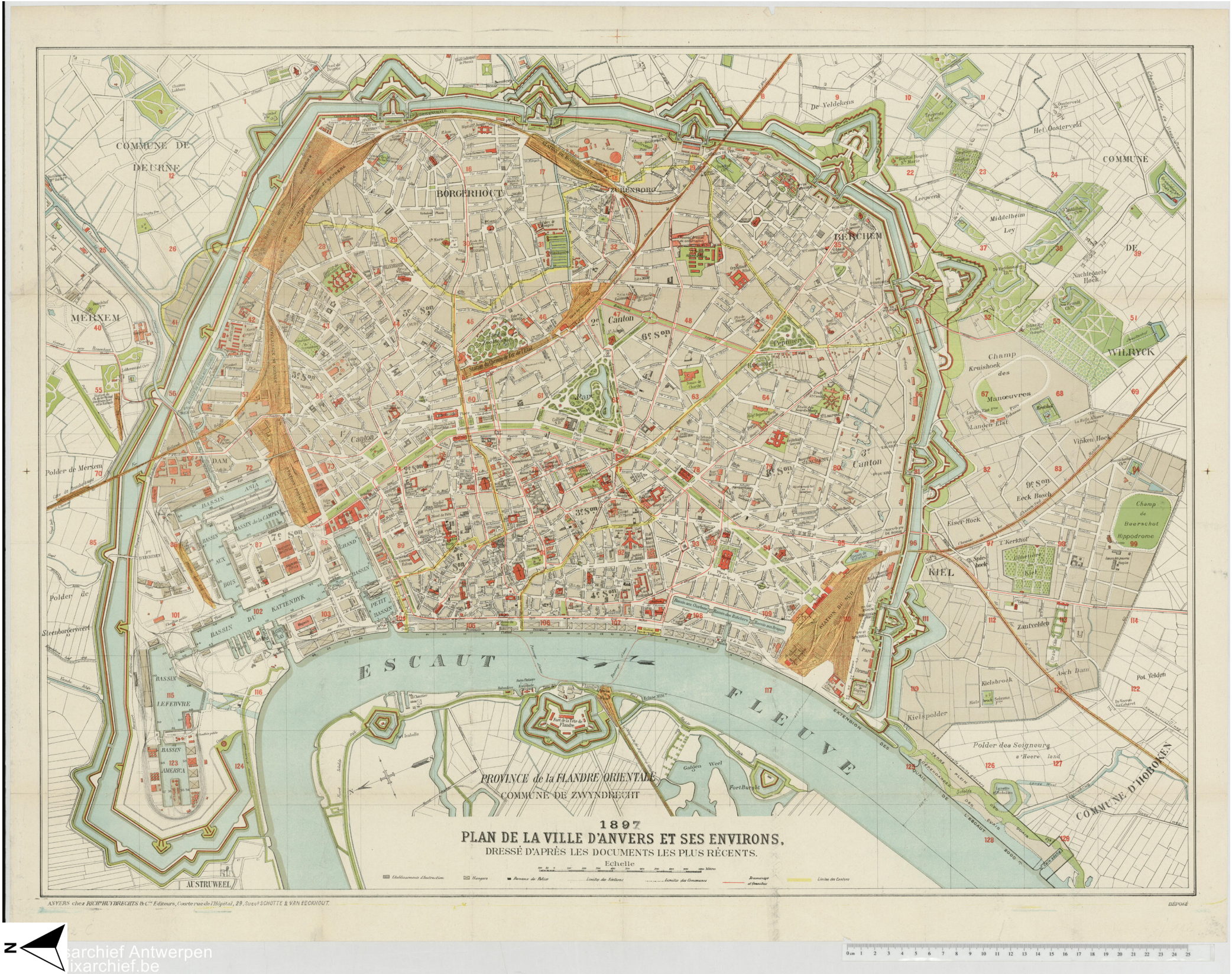




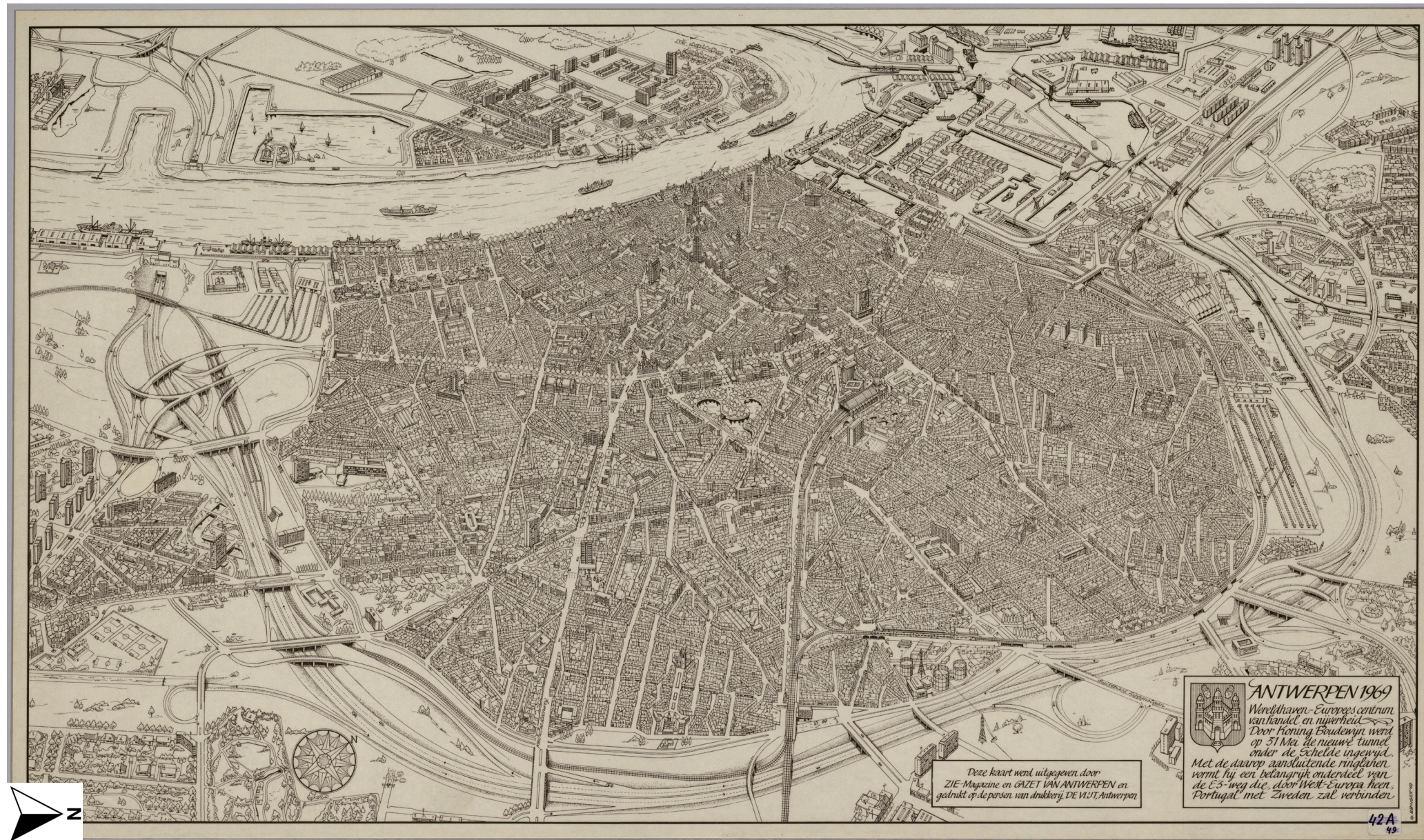
Context

How is deSingel situated?

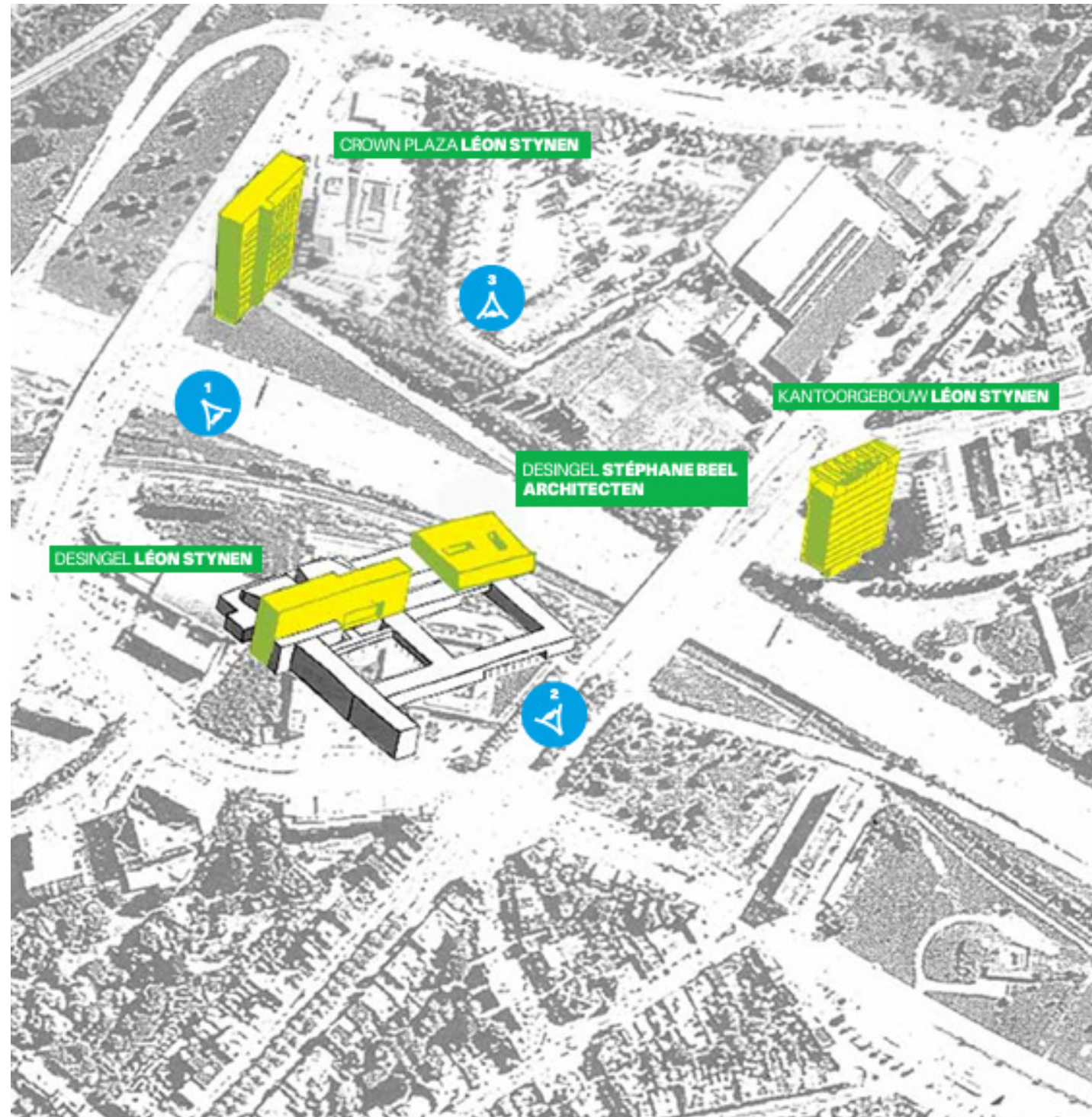


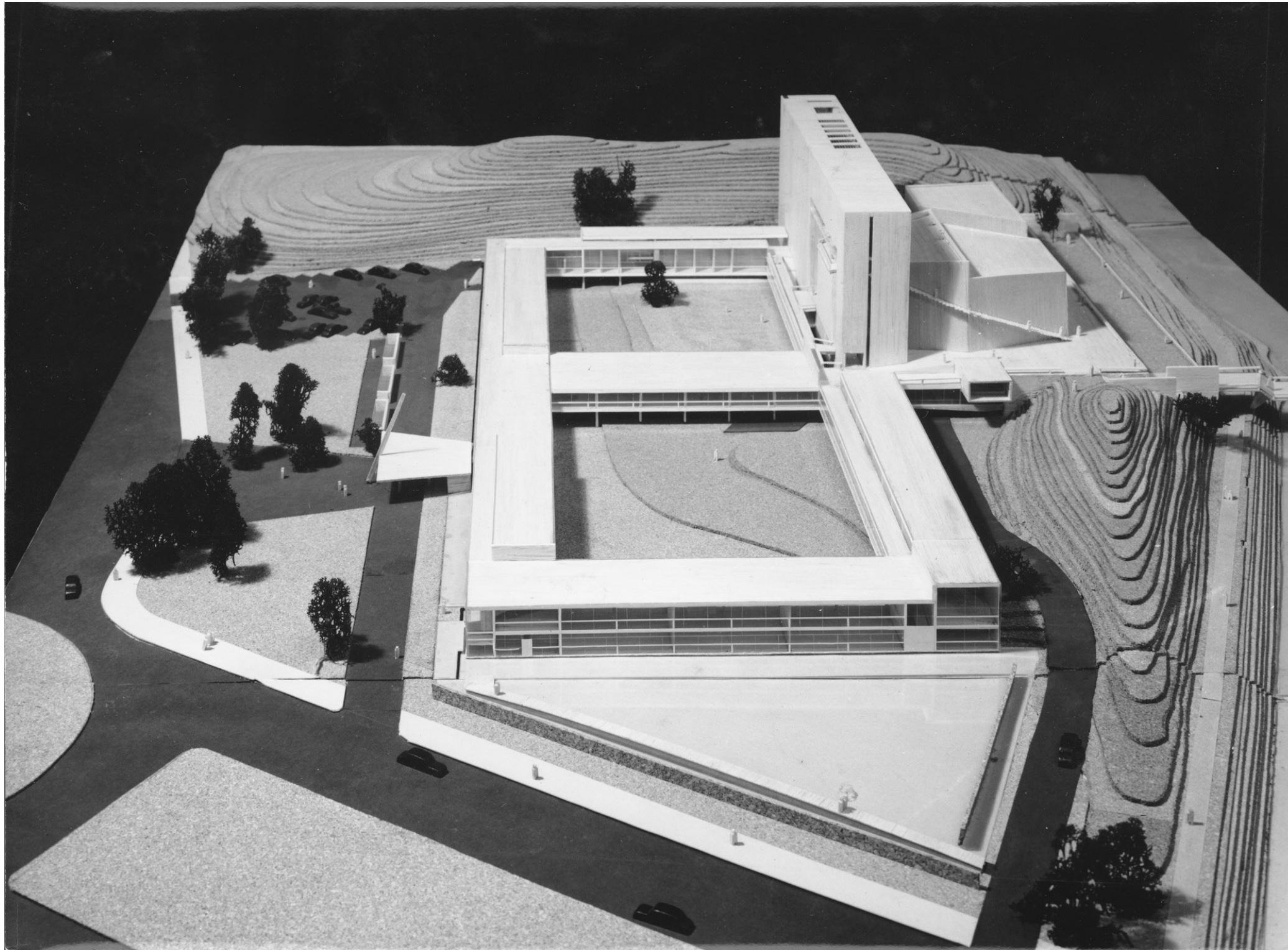


Historical map Antwerp 1897
Context

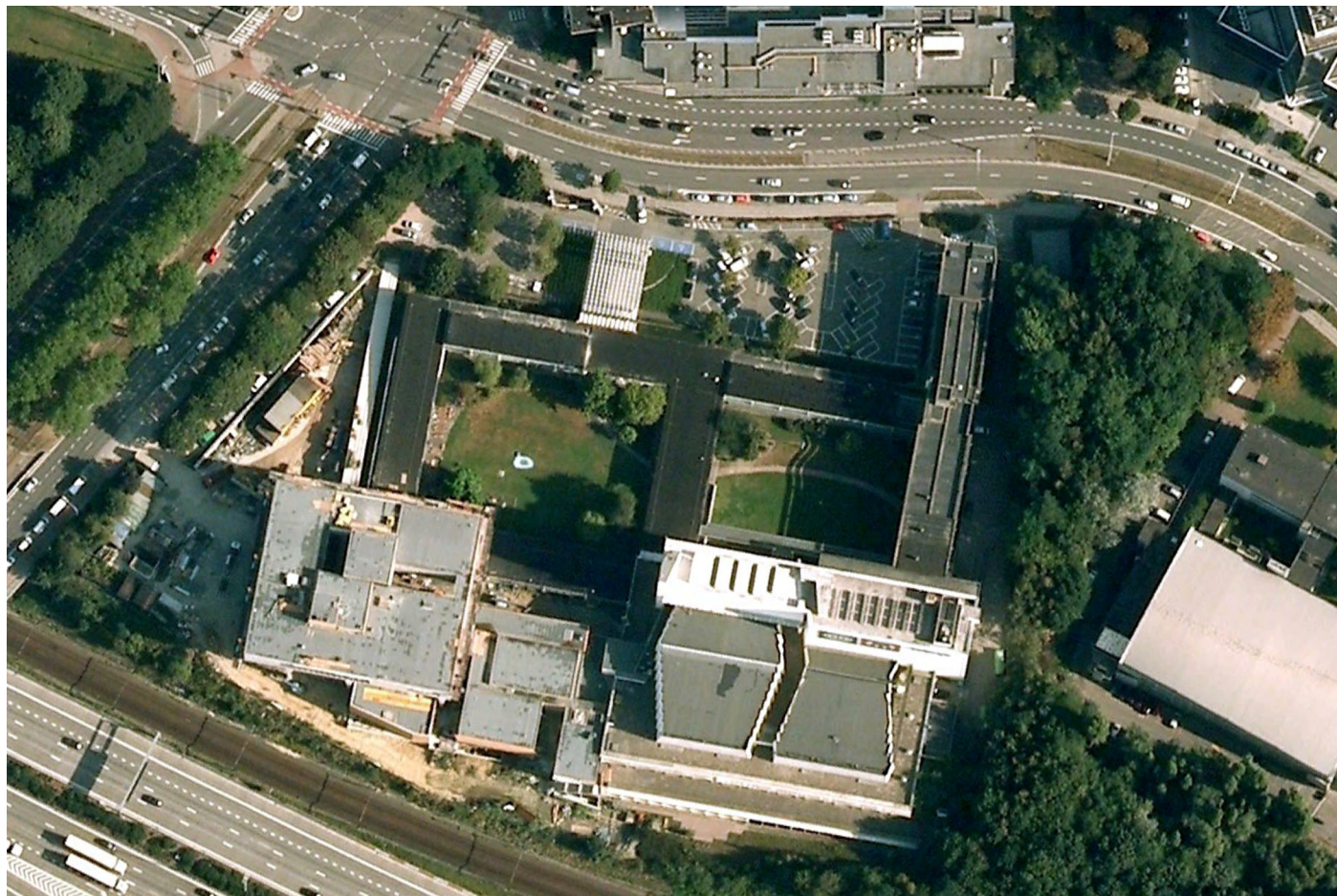






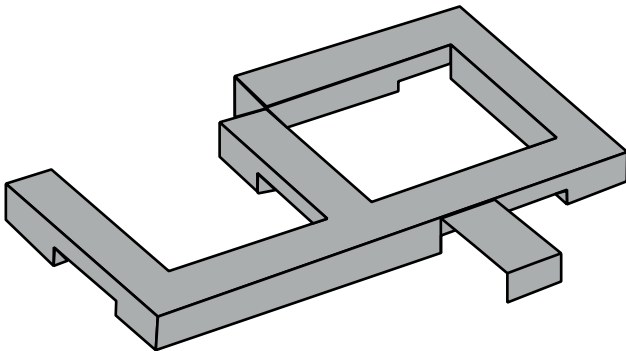


Old model of deSingel by Leon Stynen
Context



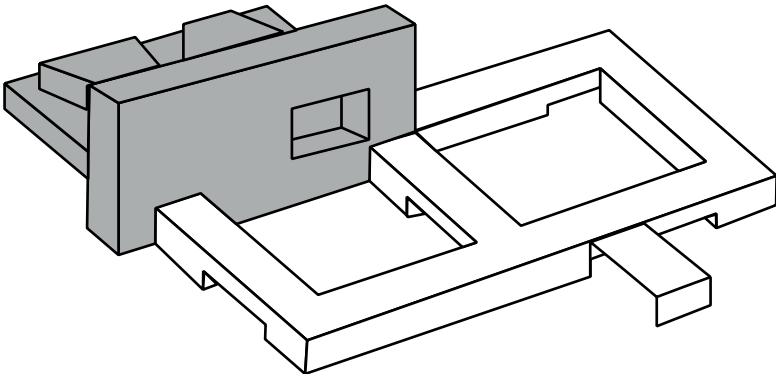
Aerial photos of deSingel over the years
Context

Stynen



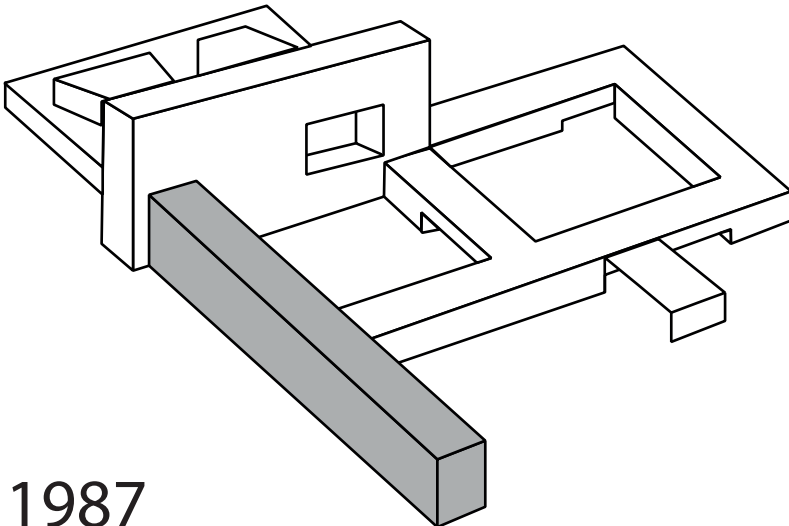
1968

Stynen



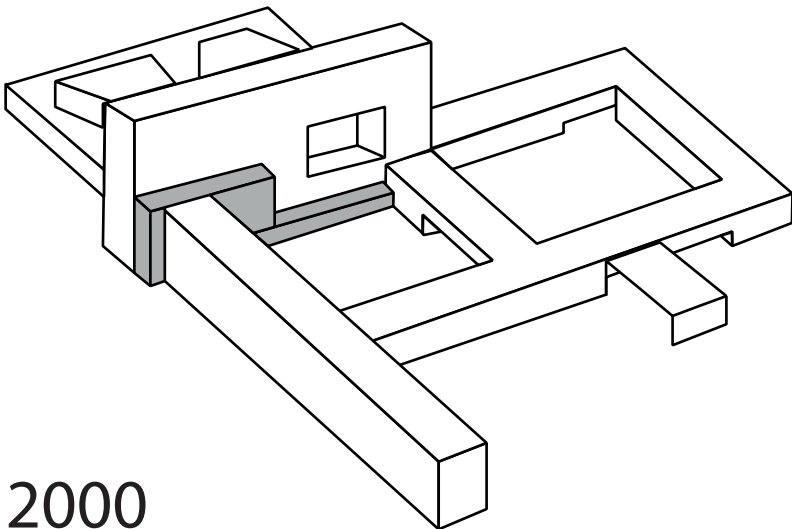
1980

Stynen & Meyer



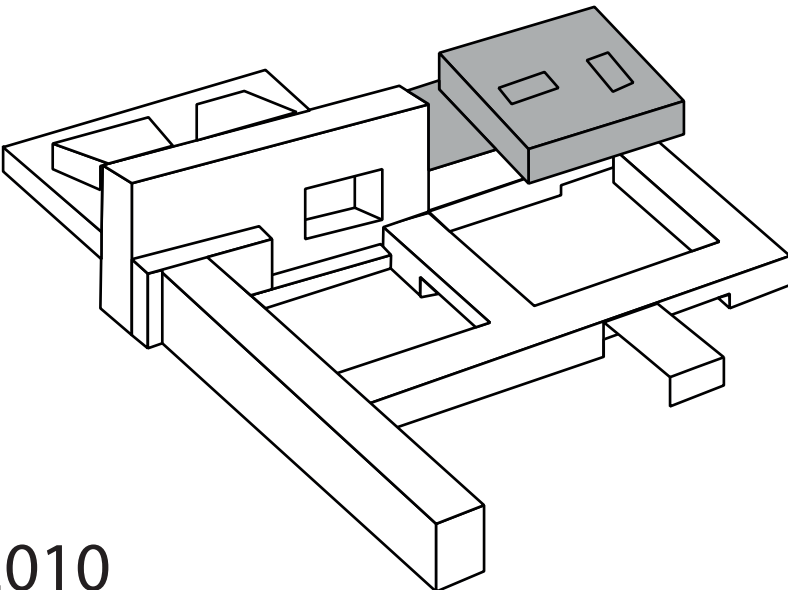
1987

Beel



2000

Beel



2010



Current situation deSingel, from park side
Context



Site photo of concrete wall
Context



Current situation deSingel, from city side
Context

Design Proposal

How can we design an archive for the VAI that has its own identity yet contributes to the future use of deSingel, engaging existing target groups?



New situation deSingel, from park side
Design proposal



Siedlung Halen, Atelier 5, Switzerland



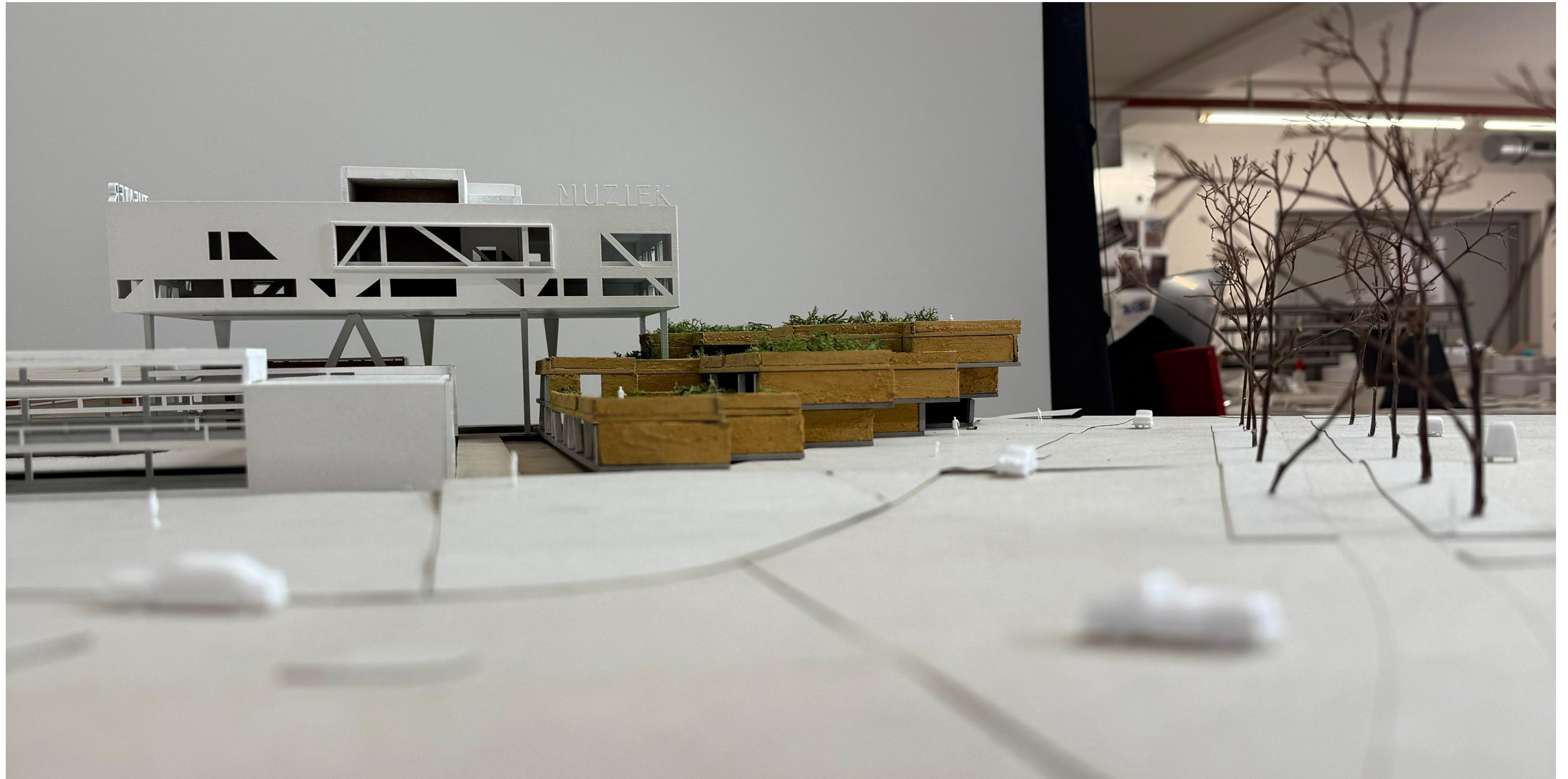
Van Wassenhove House, Julia Lampens, Belgium



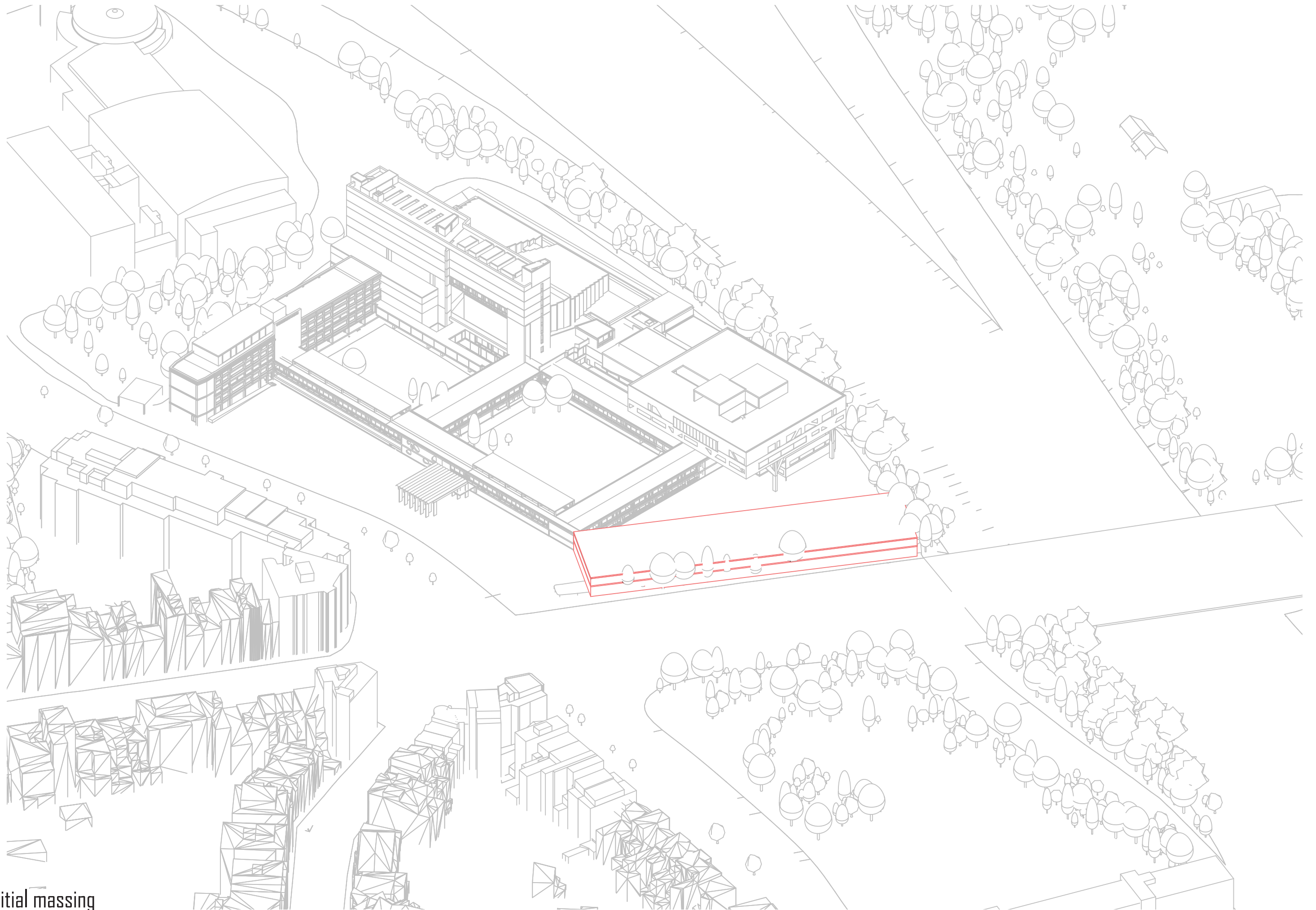
Valley, MVRDV, the Netherlands



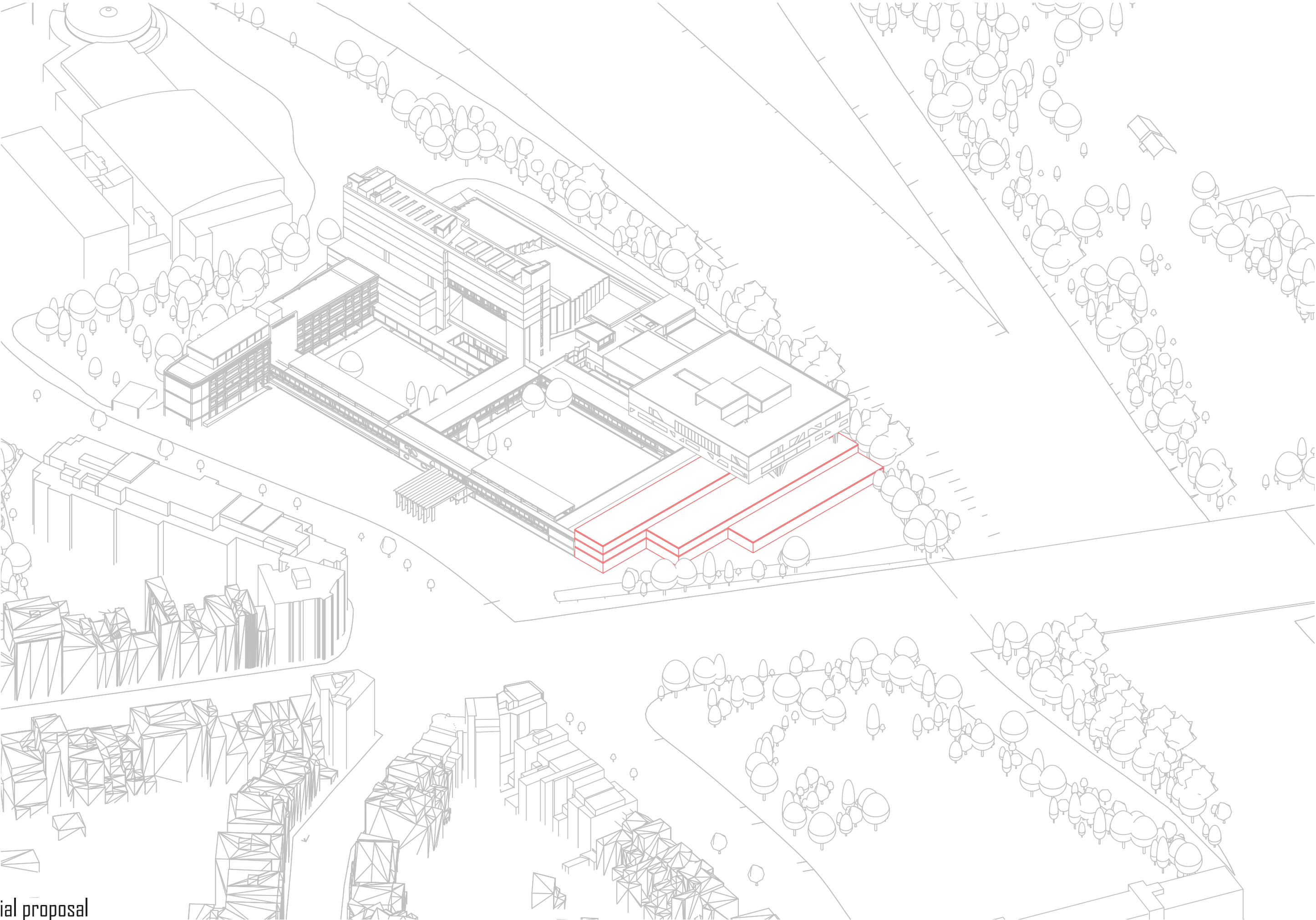
The Barbican, Chamberlin Powell and Bon, London

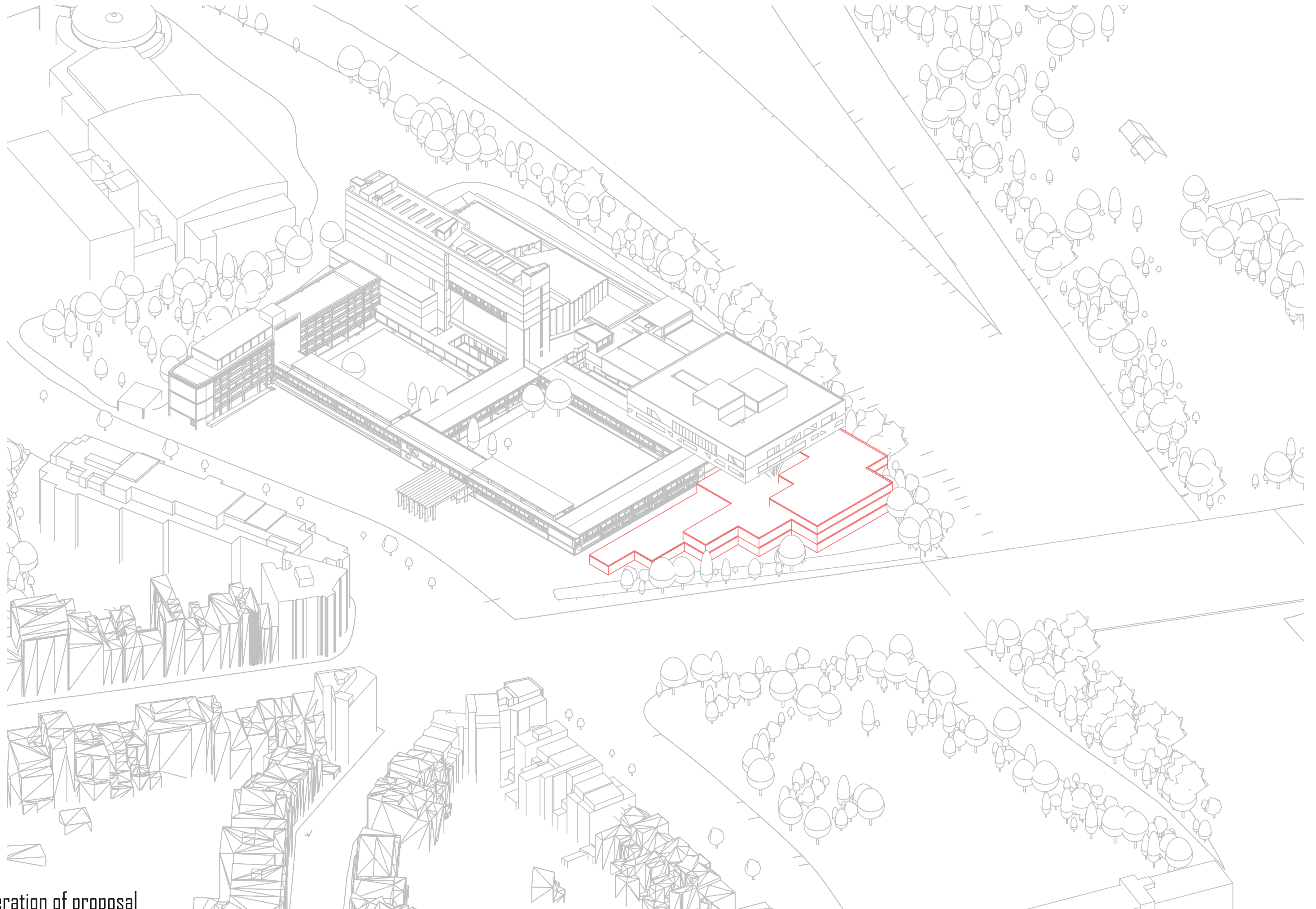


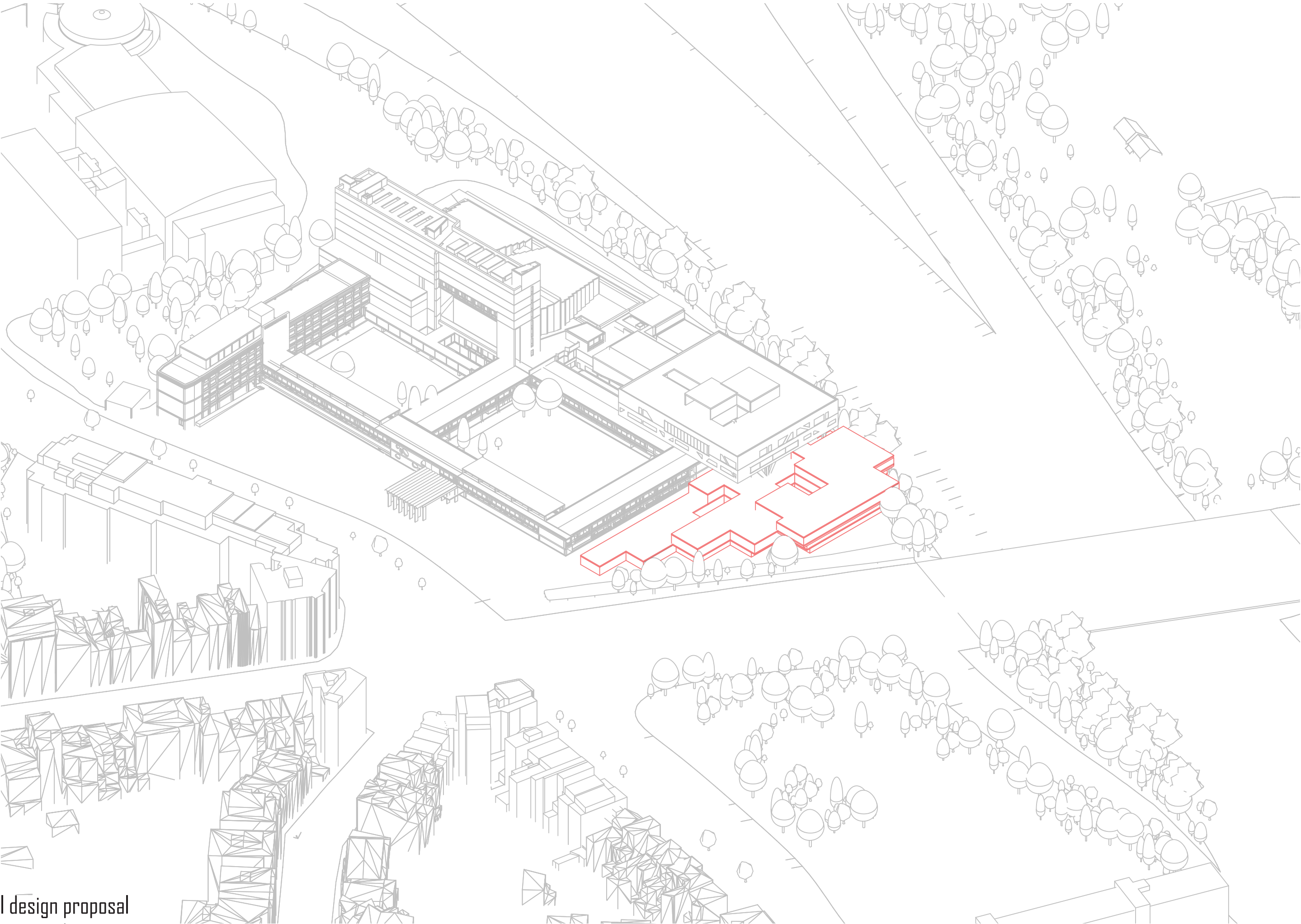
New situation deSingel, from city side
Design proposal

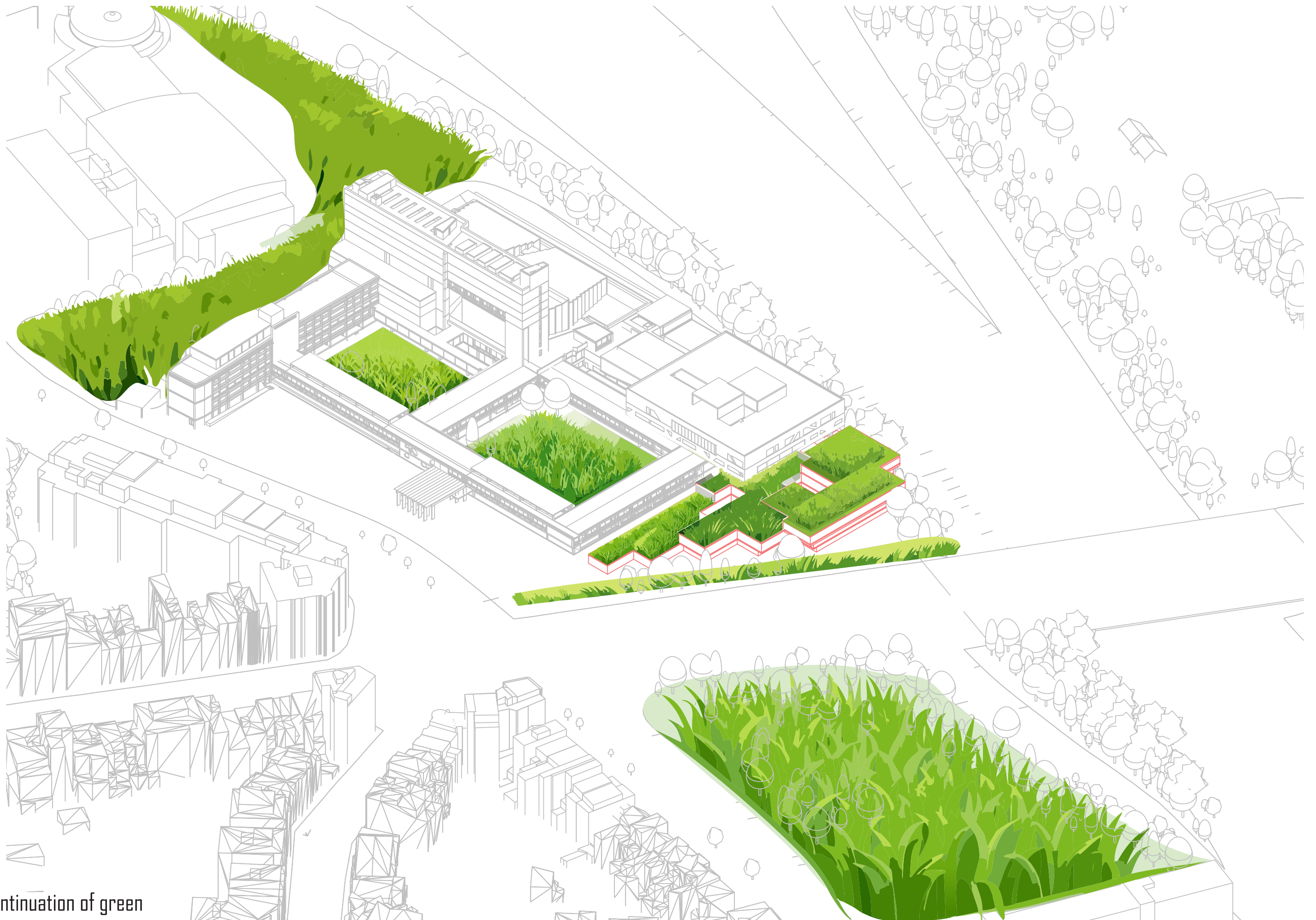


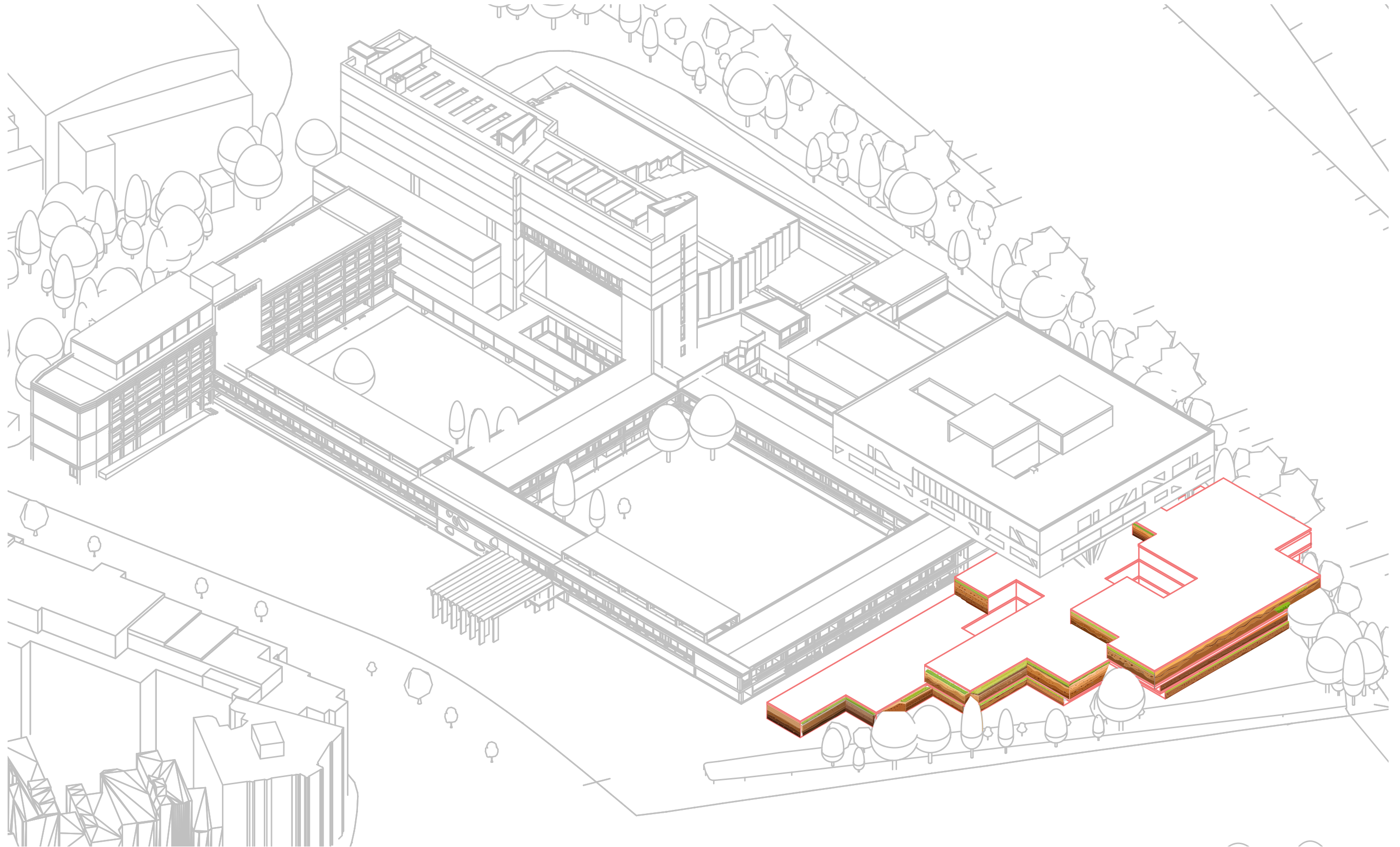


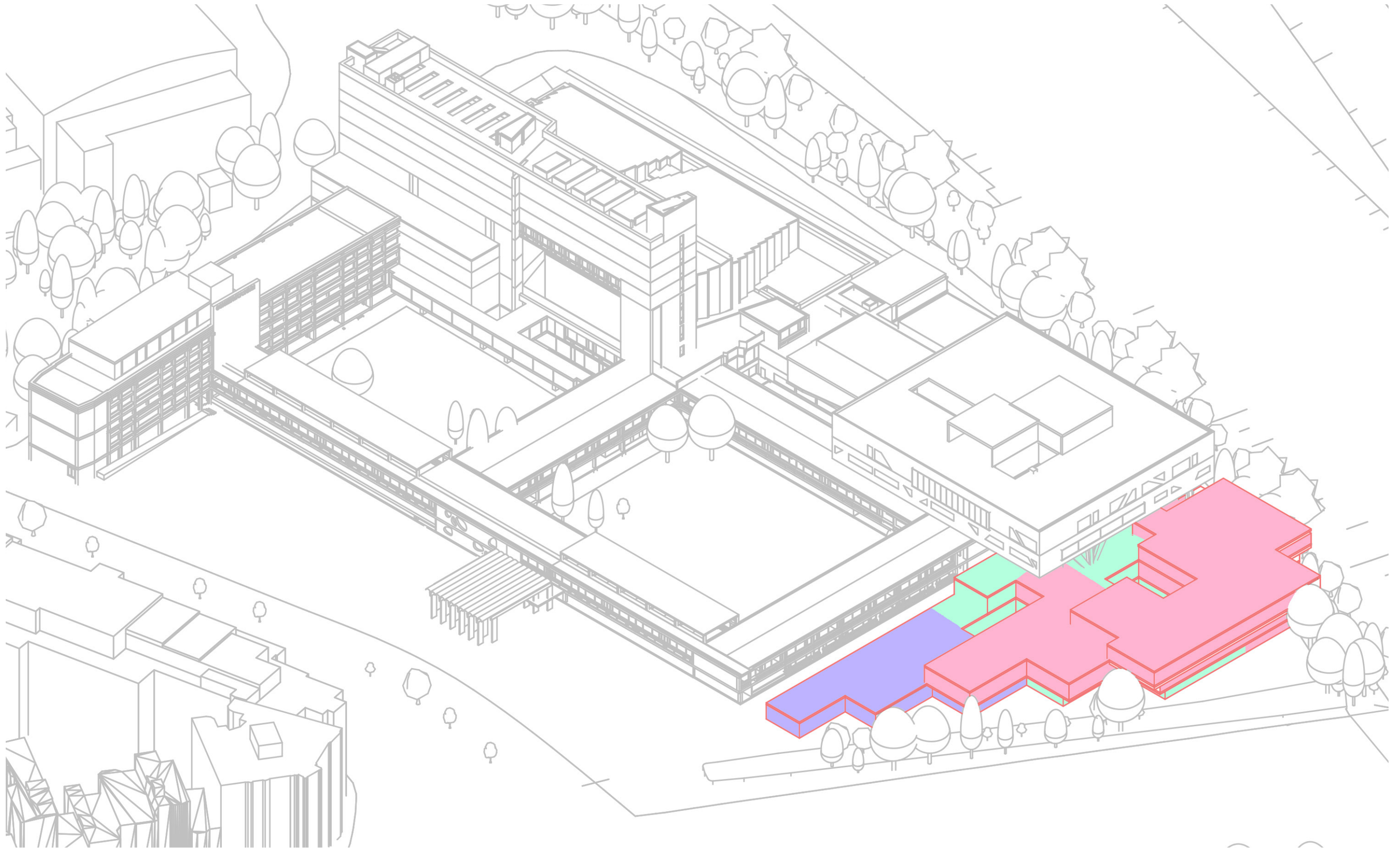


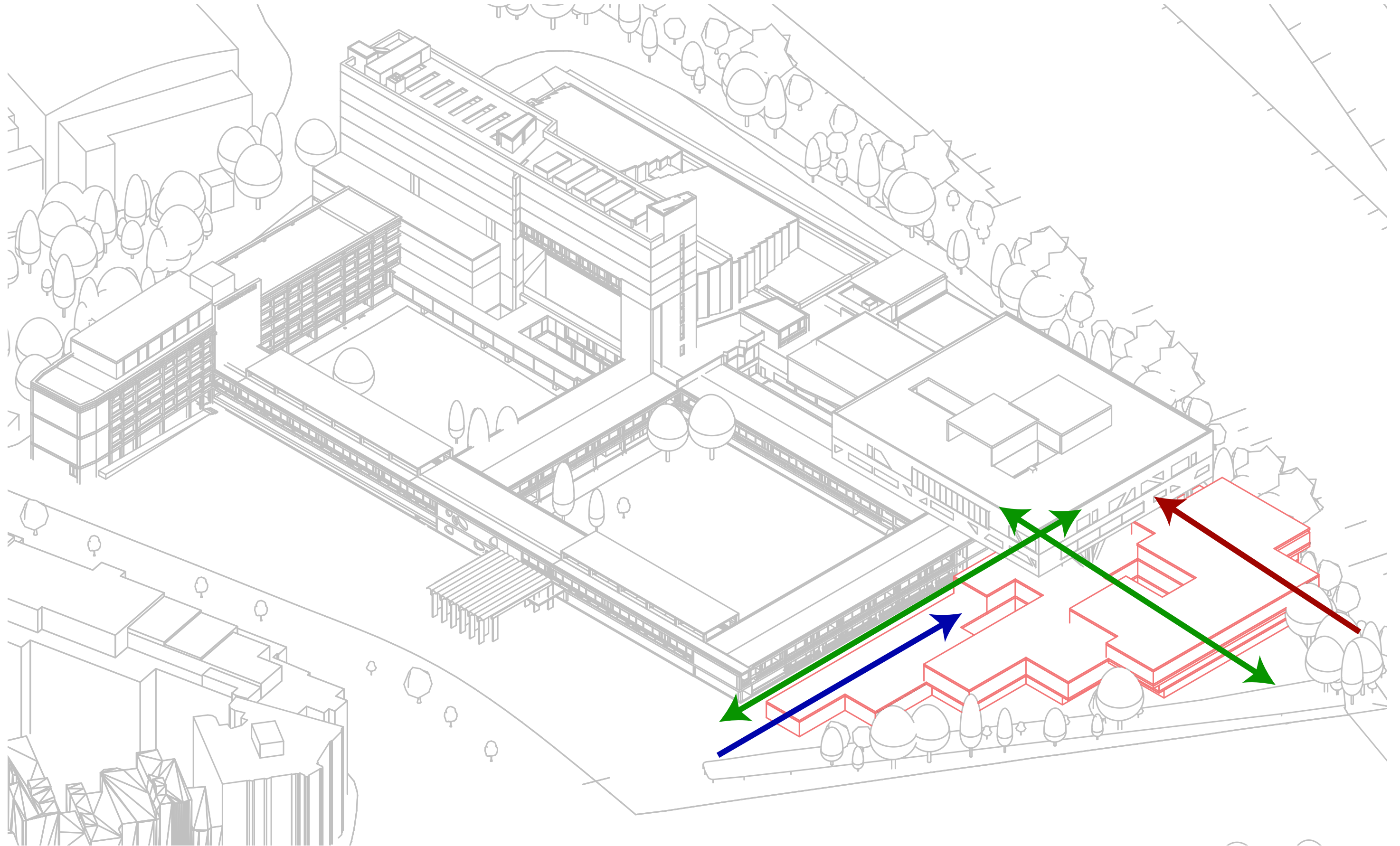


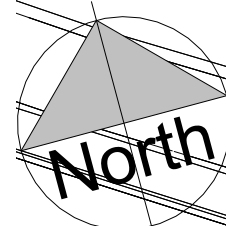
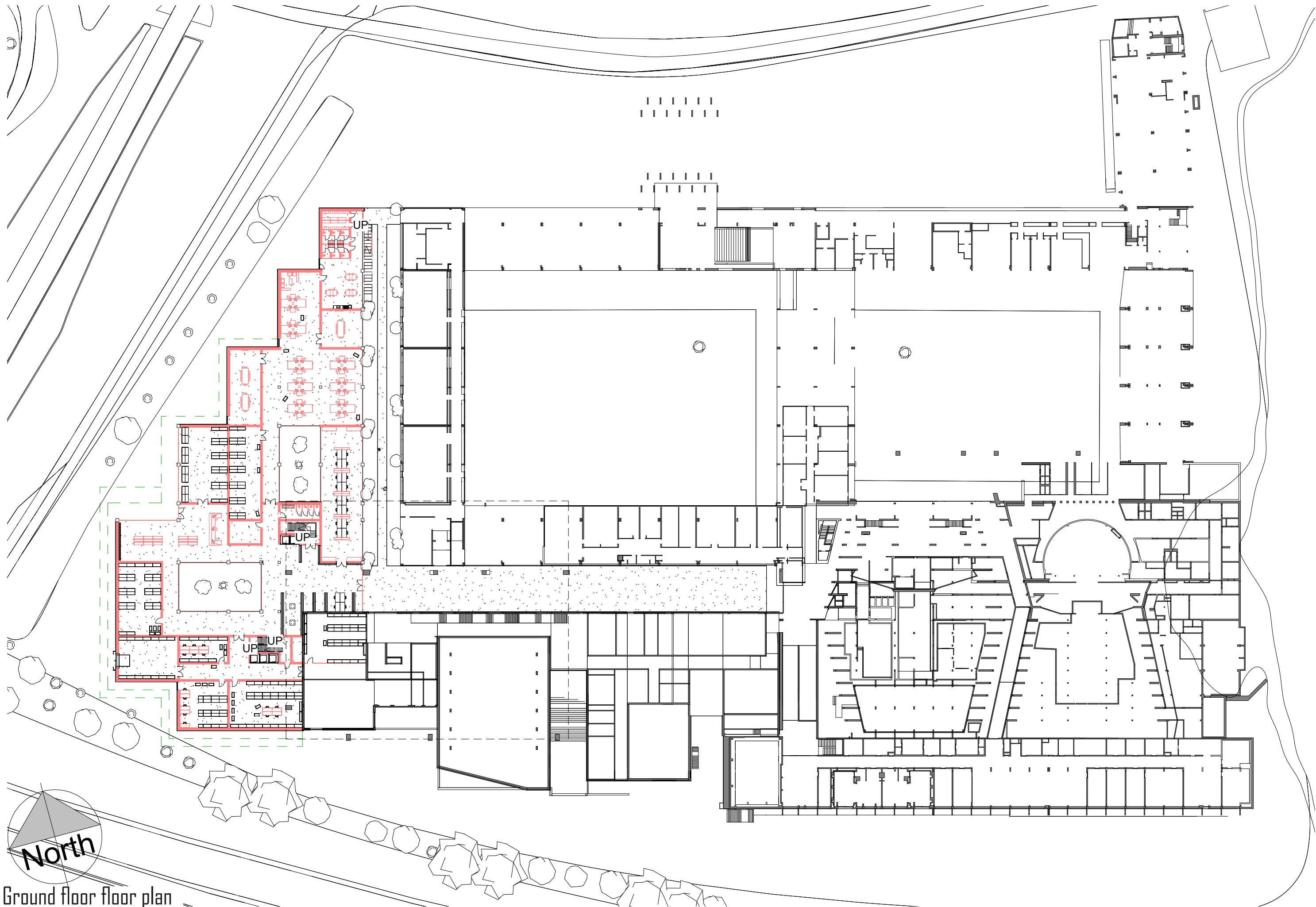












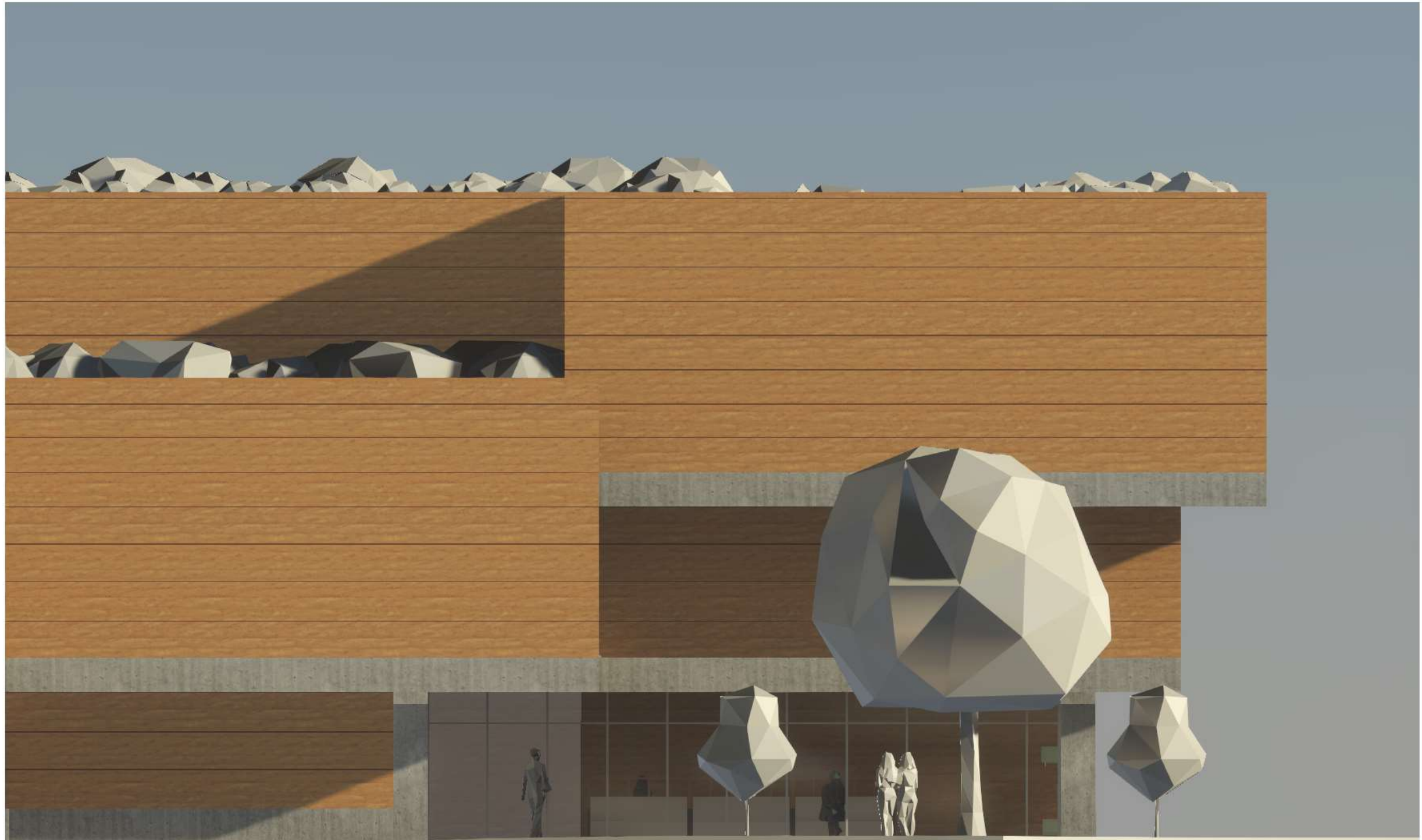
Ground floor floor plan
Design proposal





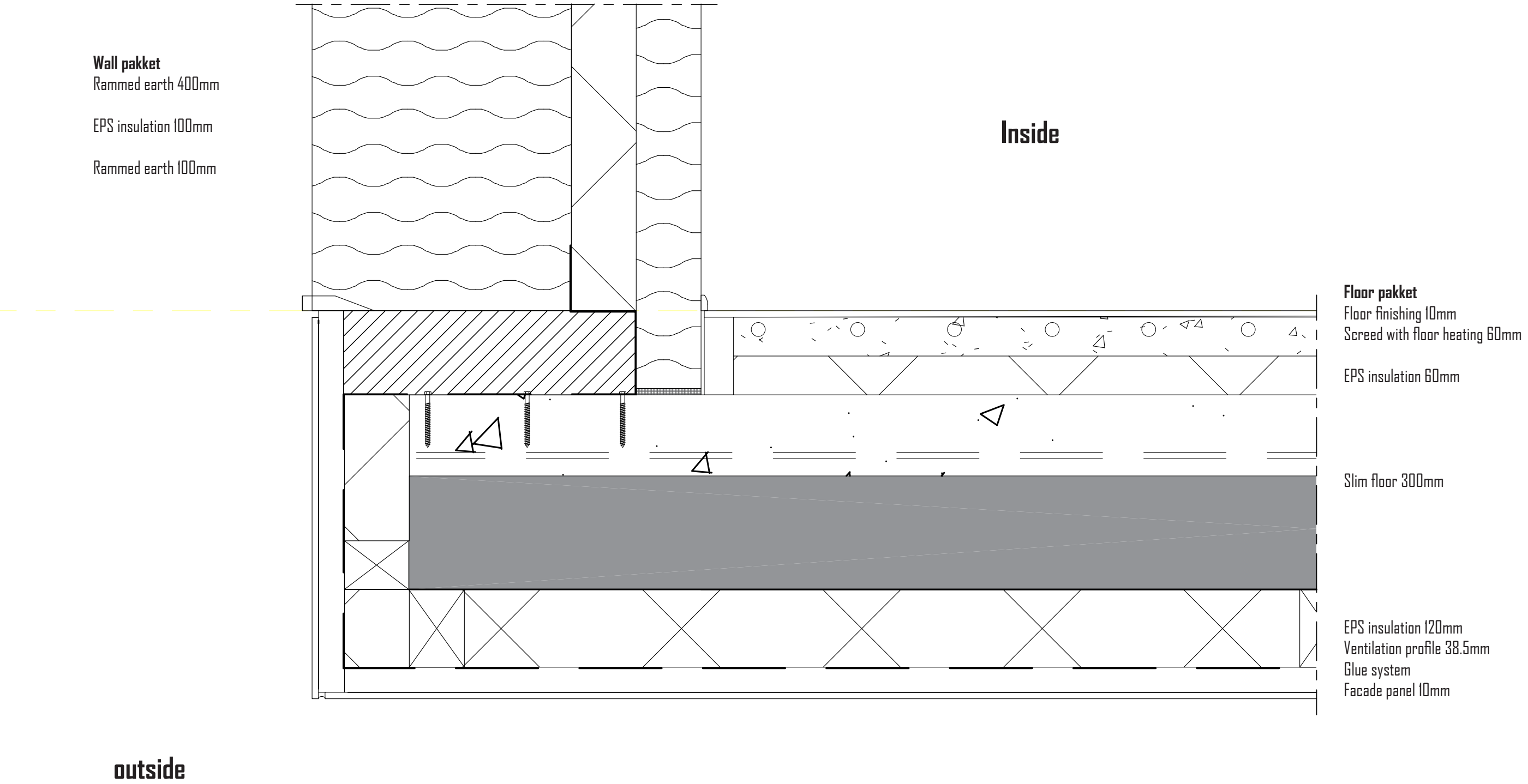
Routing between buidlings
Design proposal







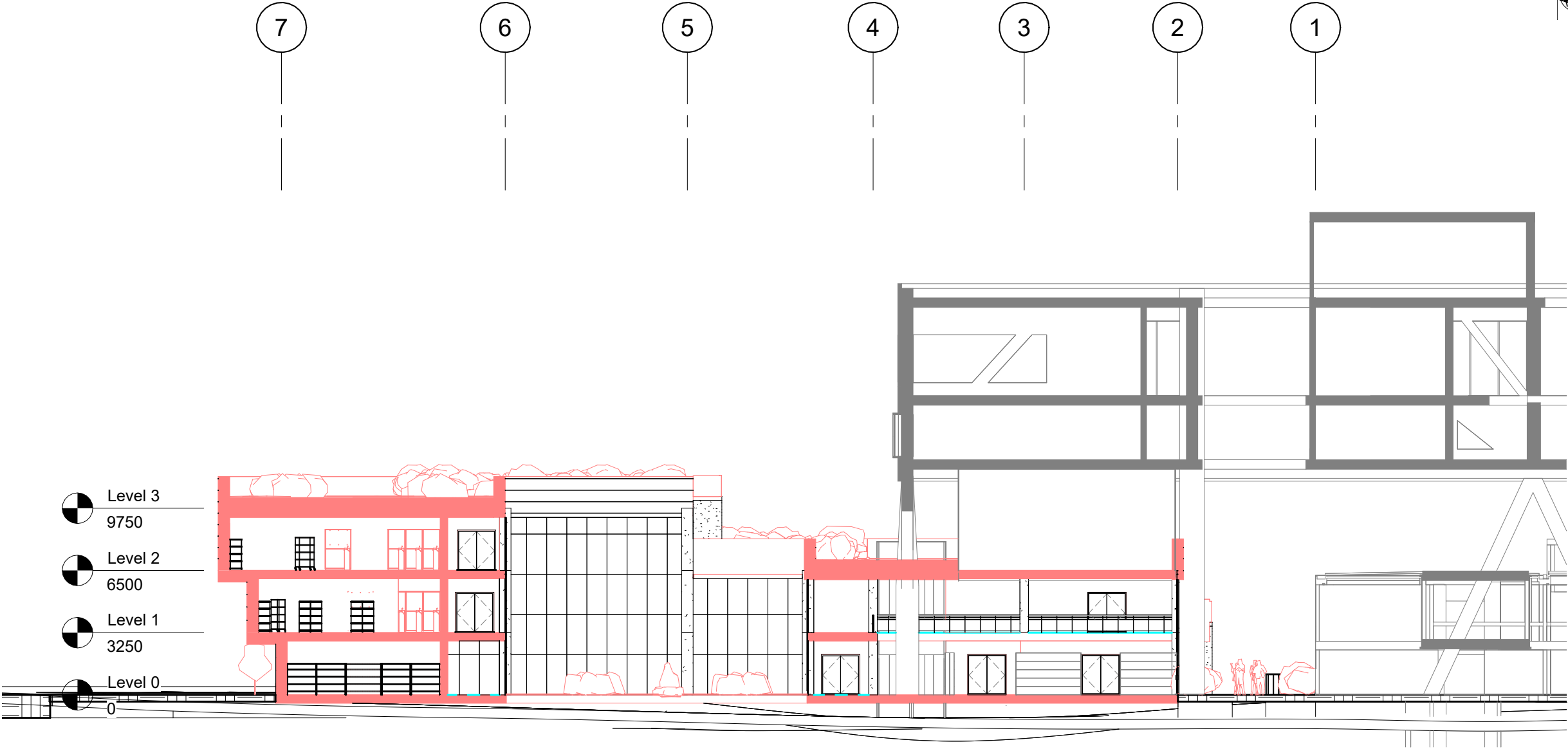
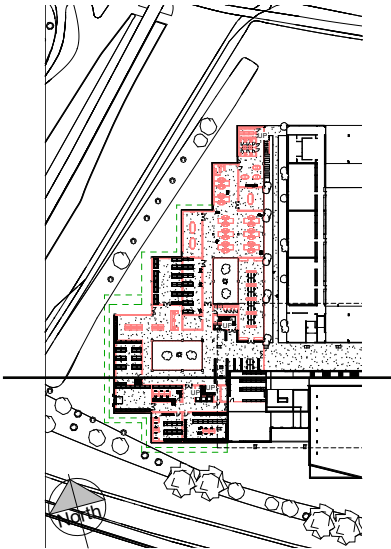
Main entrance
Design proposal





Viewing depot at the main entrance
Design proposal

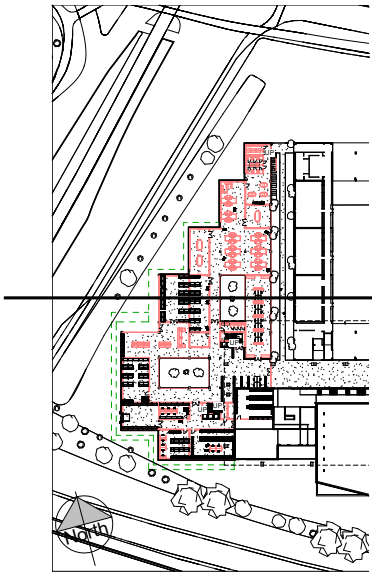


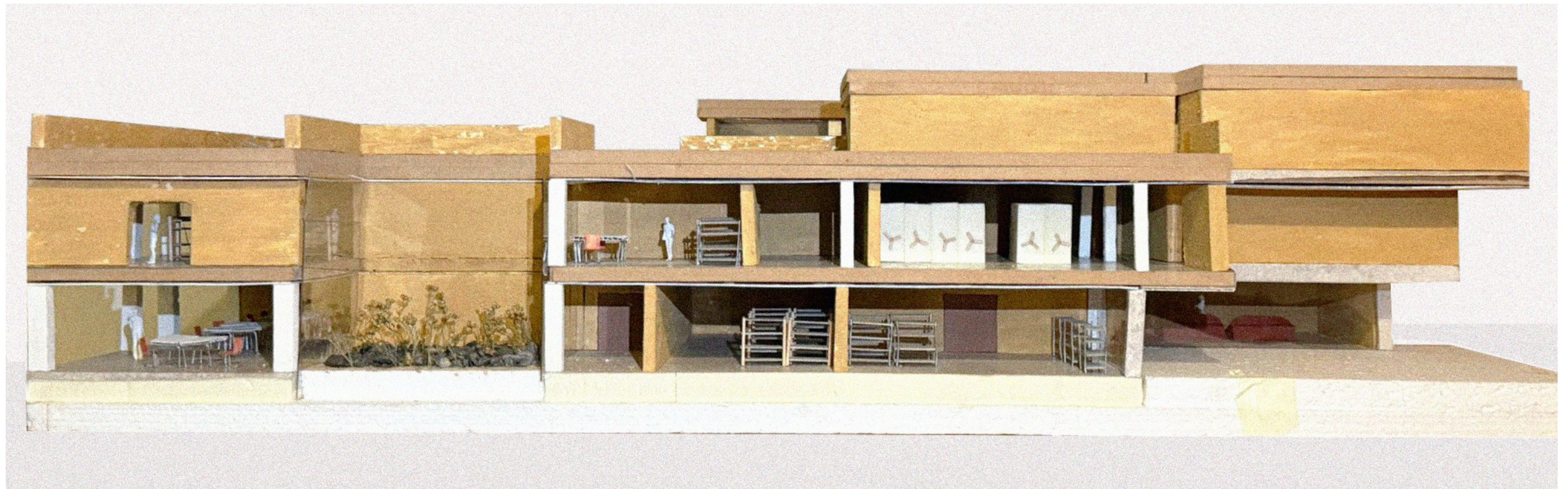




Interior courtyard
Design proposal

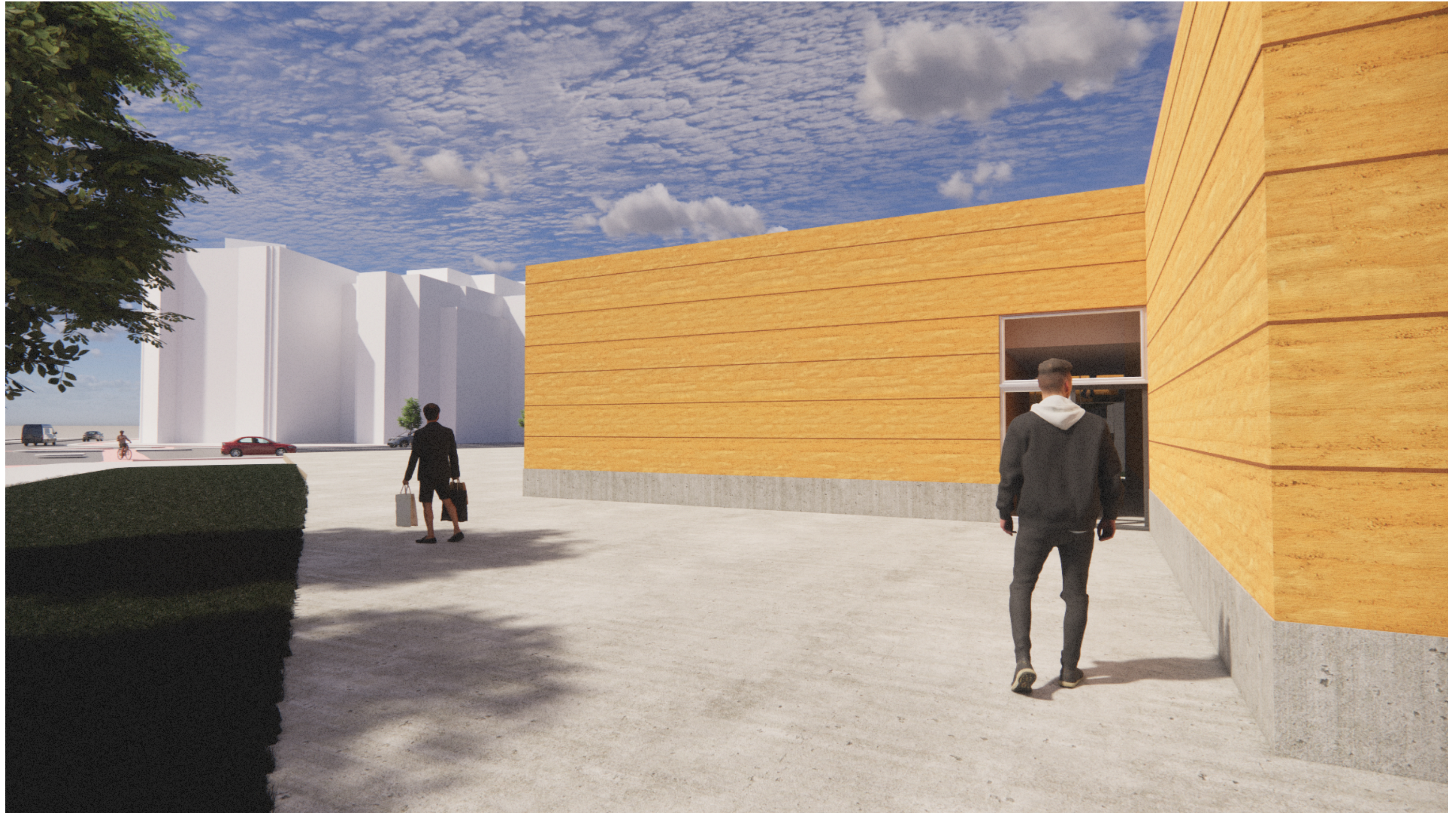


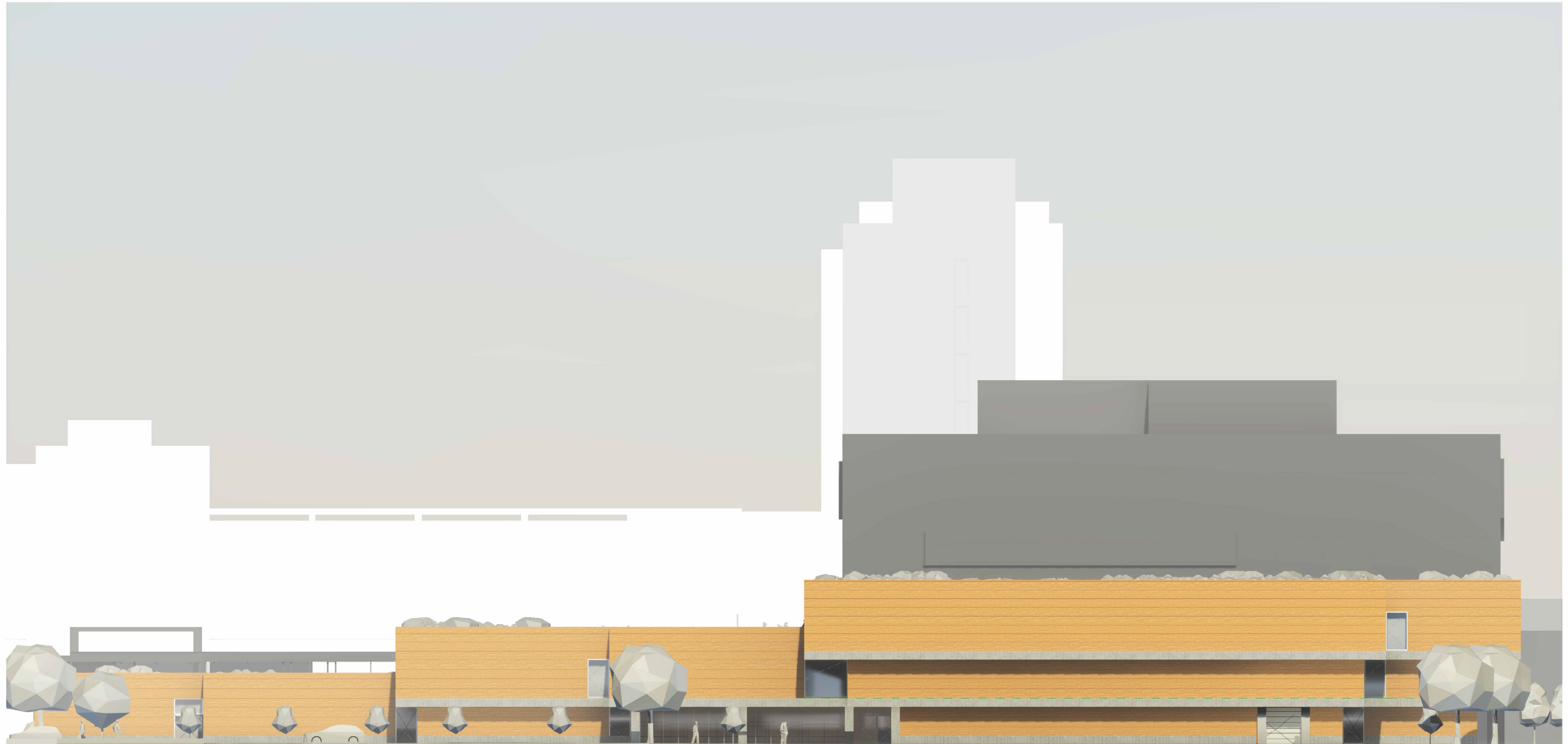


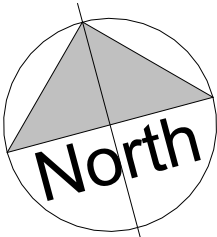
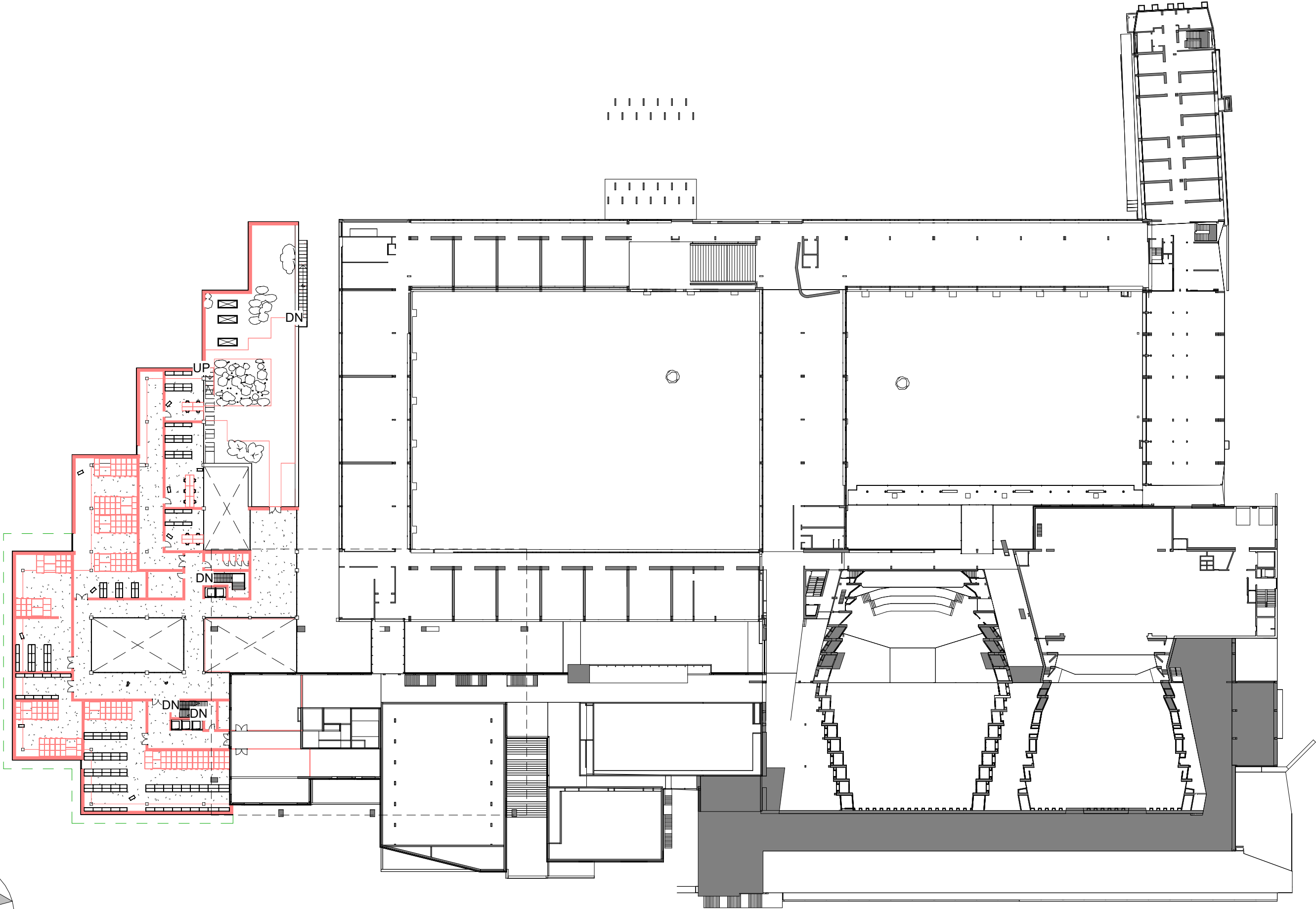










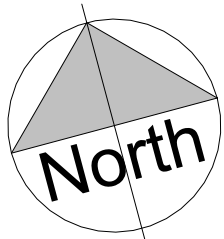
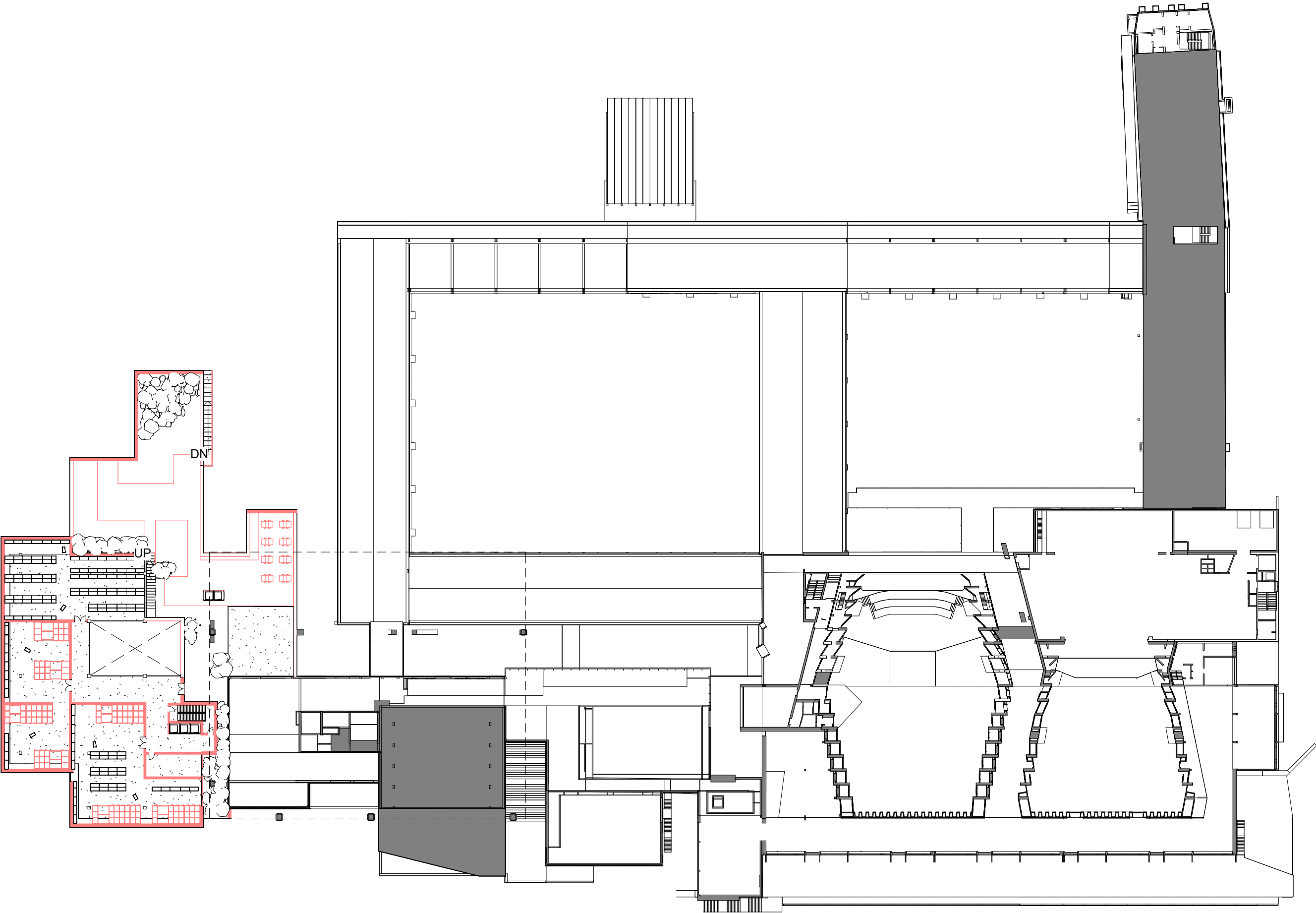




Exhibition space facing deSingel
Design proposal



Exhibition space facing the ground floor
Design proposal



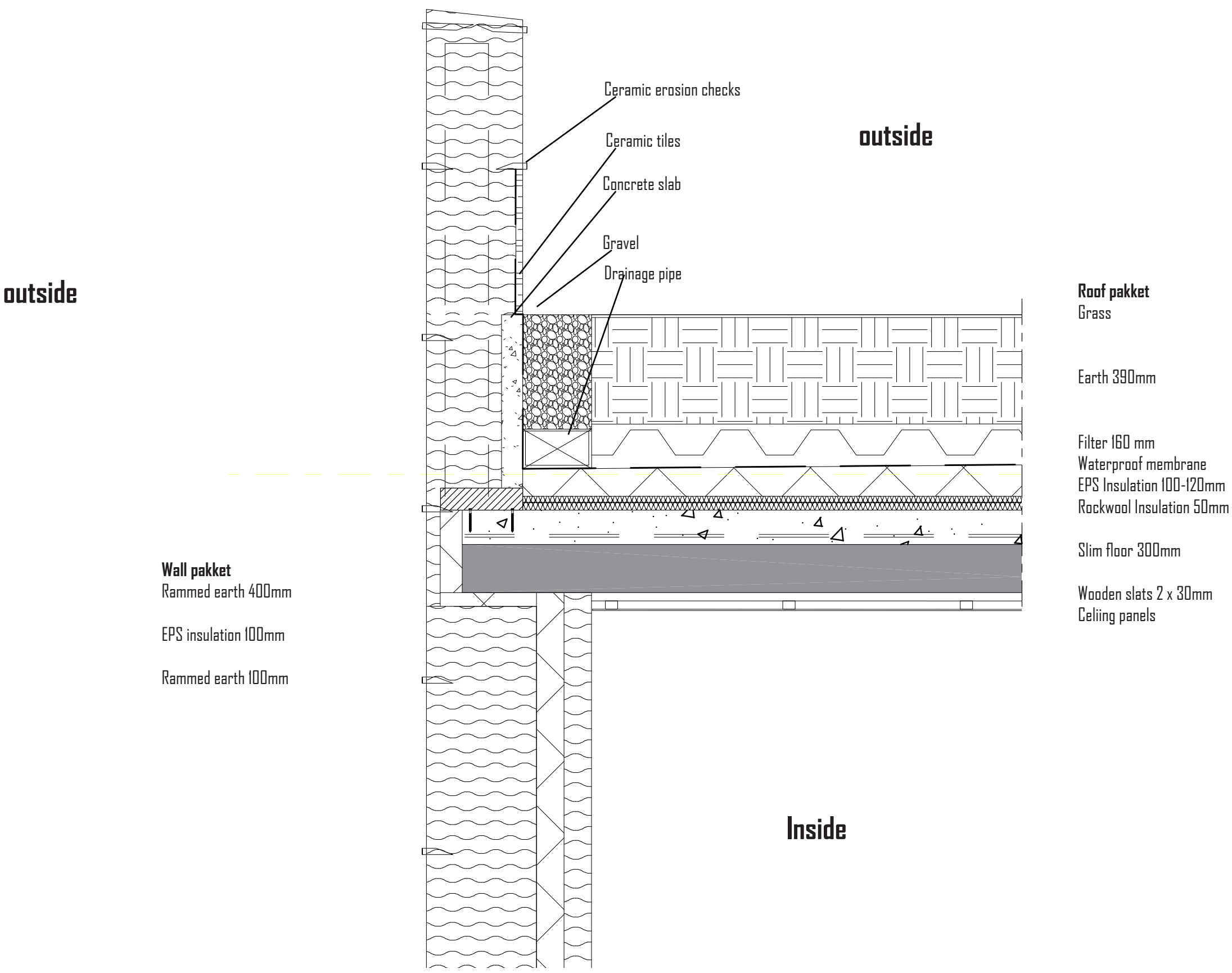


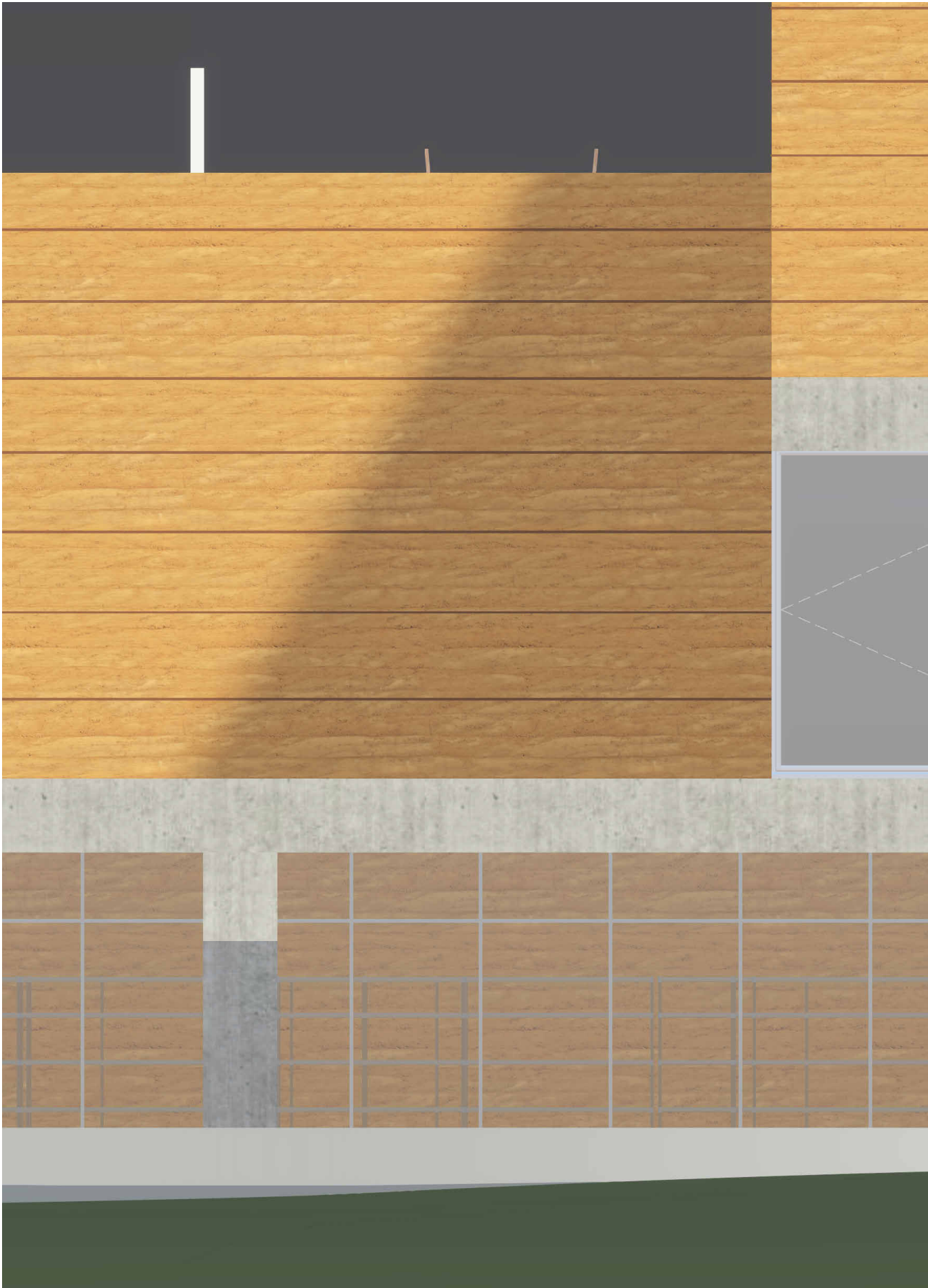
New terrace on roof garden
Design proposal



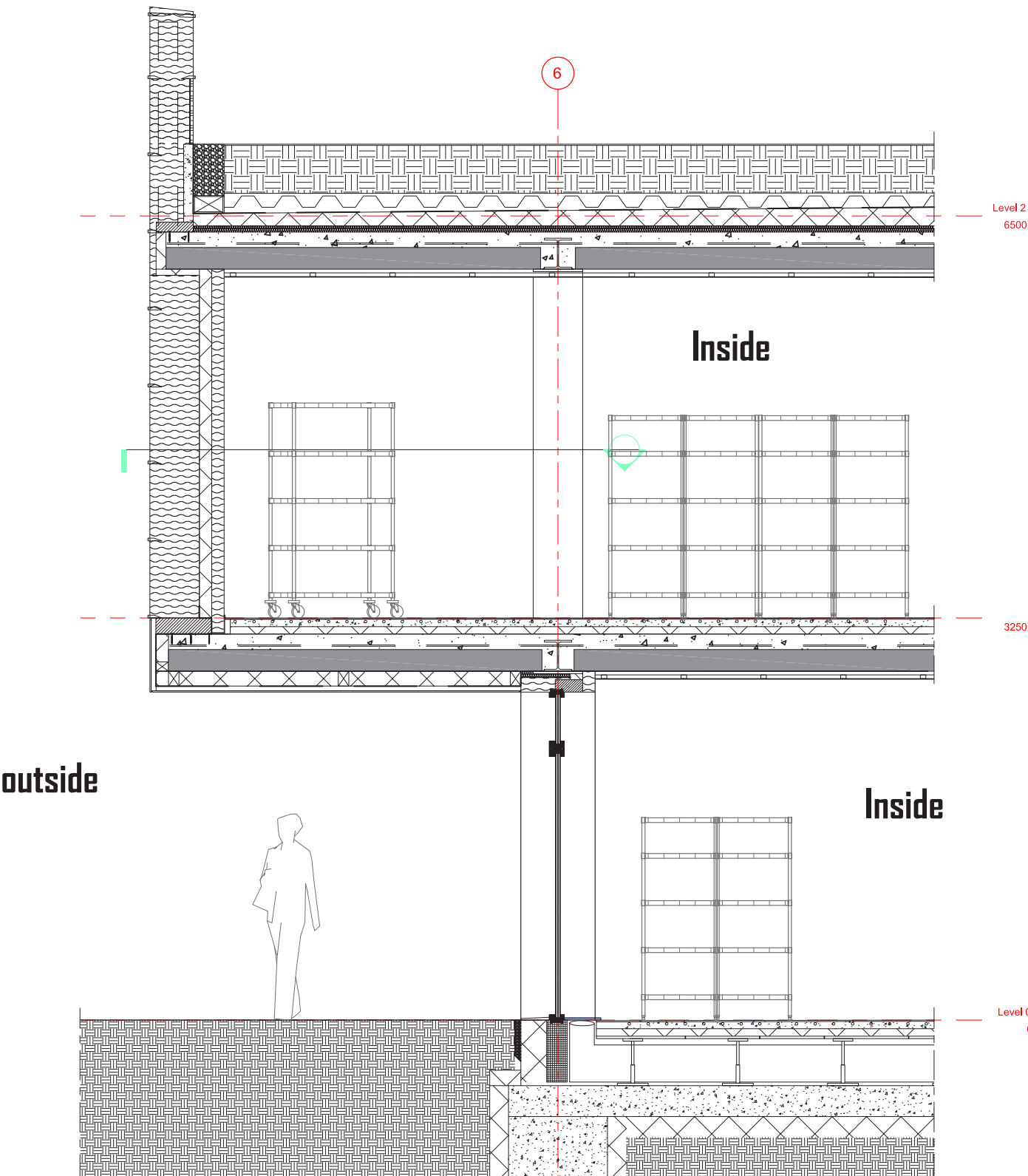
New terrace on roof garden
Design proposal

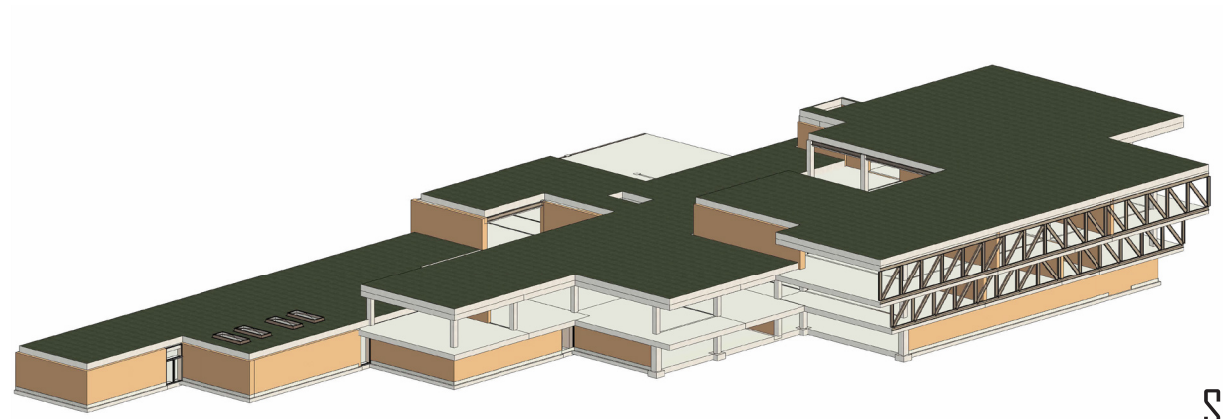






Facade fragment 1:20
Design proposal



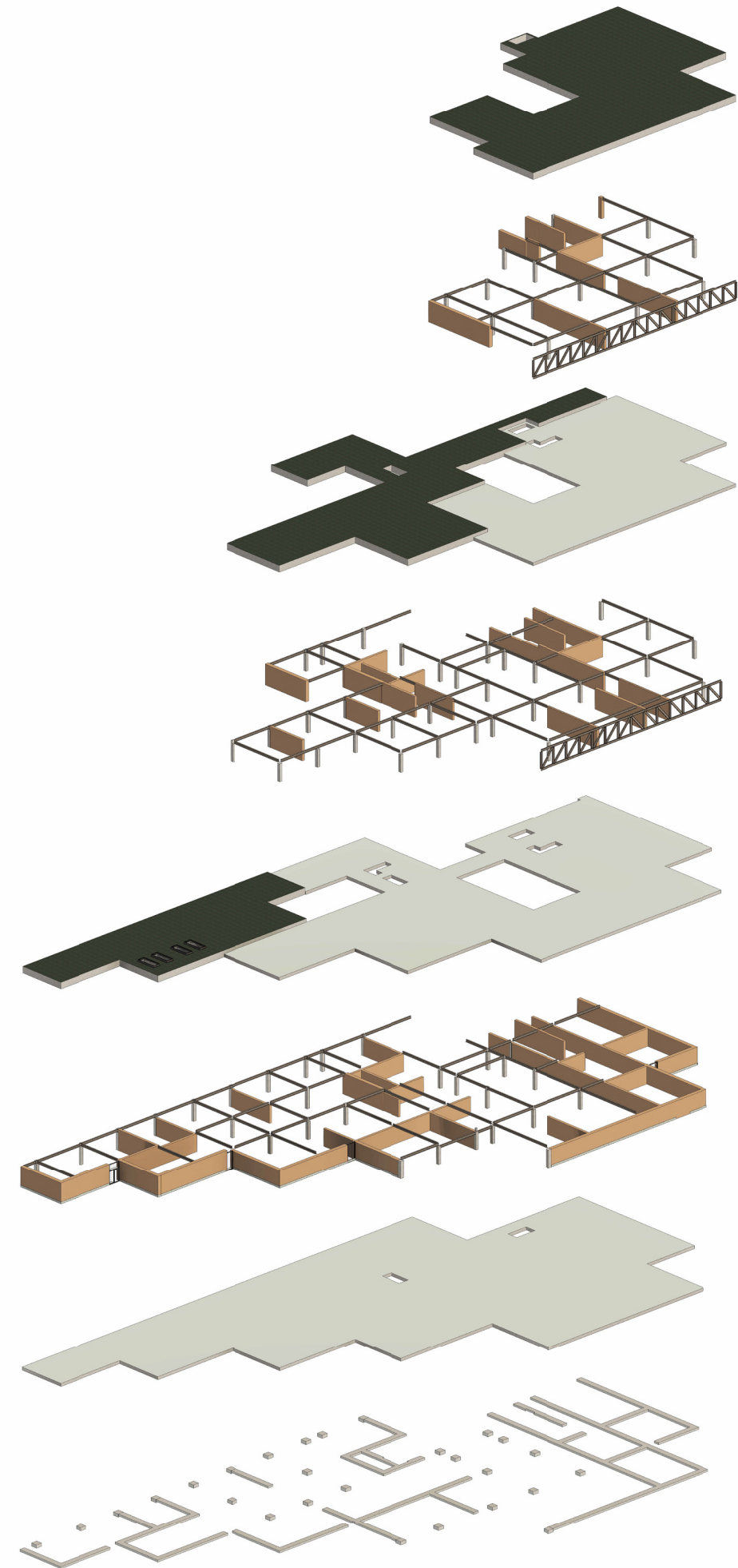


Steel trusses

Slim floor (Prefab+in-situ
cast concrete)

Rammed earth walls
Steel beams
Concrete columns

In-situ concrete floor
Concrete foundation



Green roofs

Mechanical ventilation

Underground passive heating

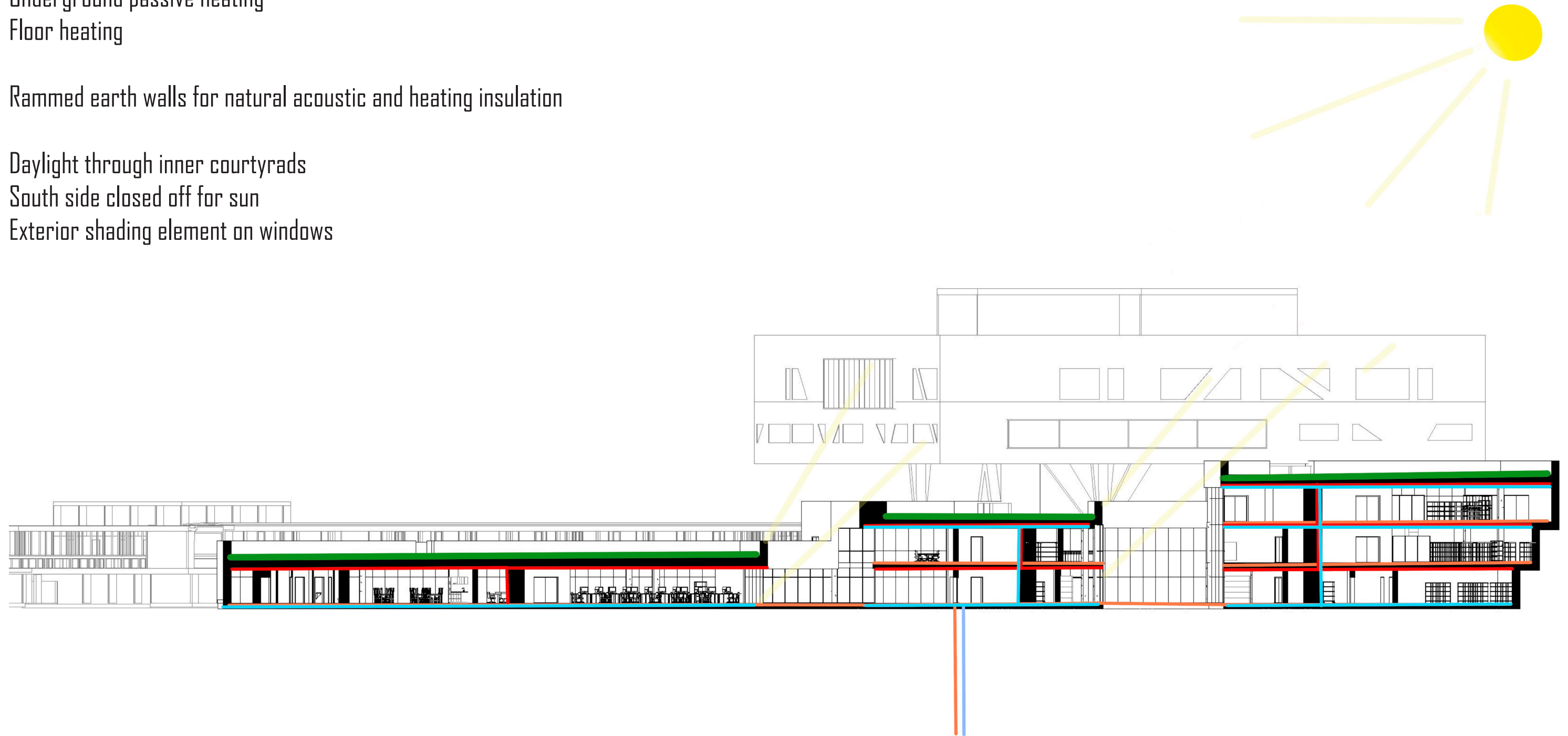
Floor heating

Rammed earth walls for natural acoustic and heating insulation

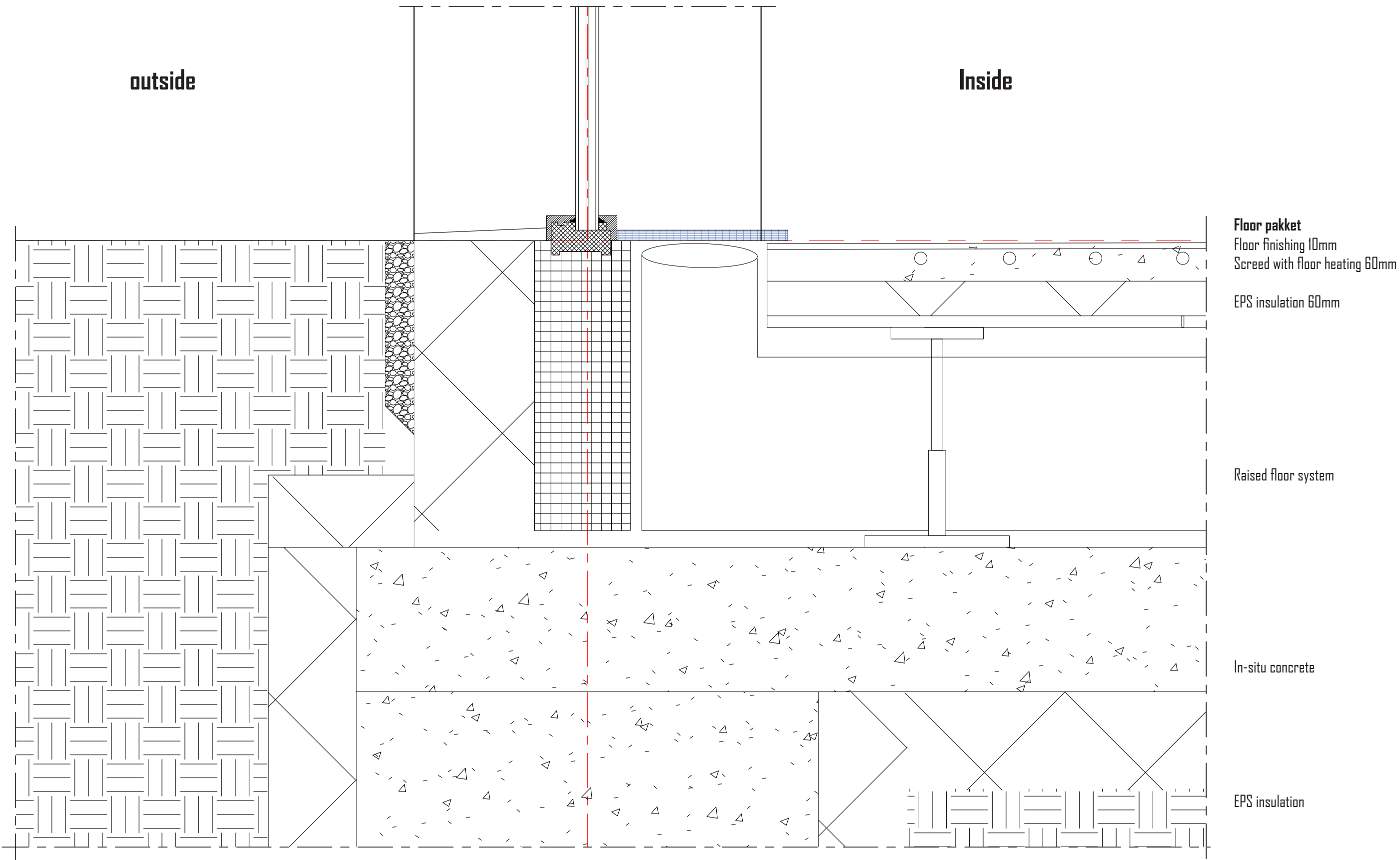
Daylight through inner courtyards

South side closed off for sun

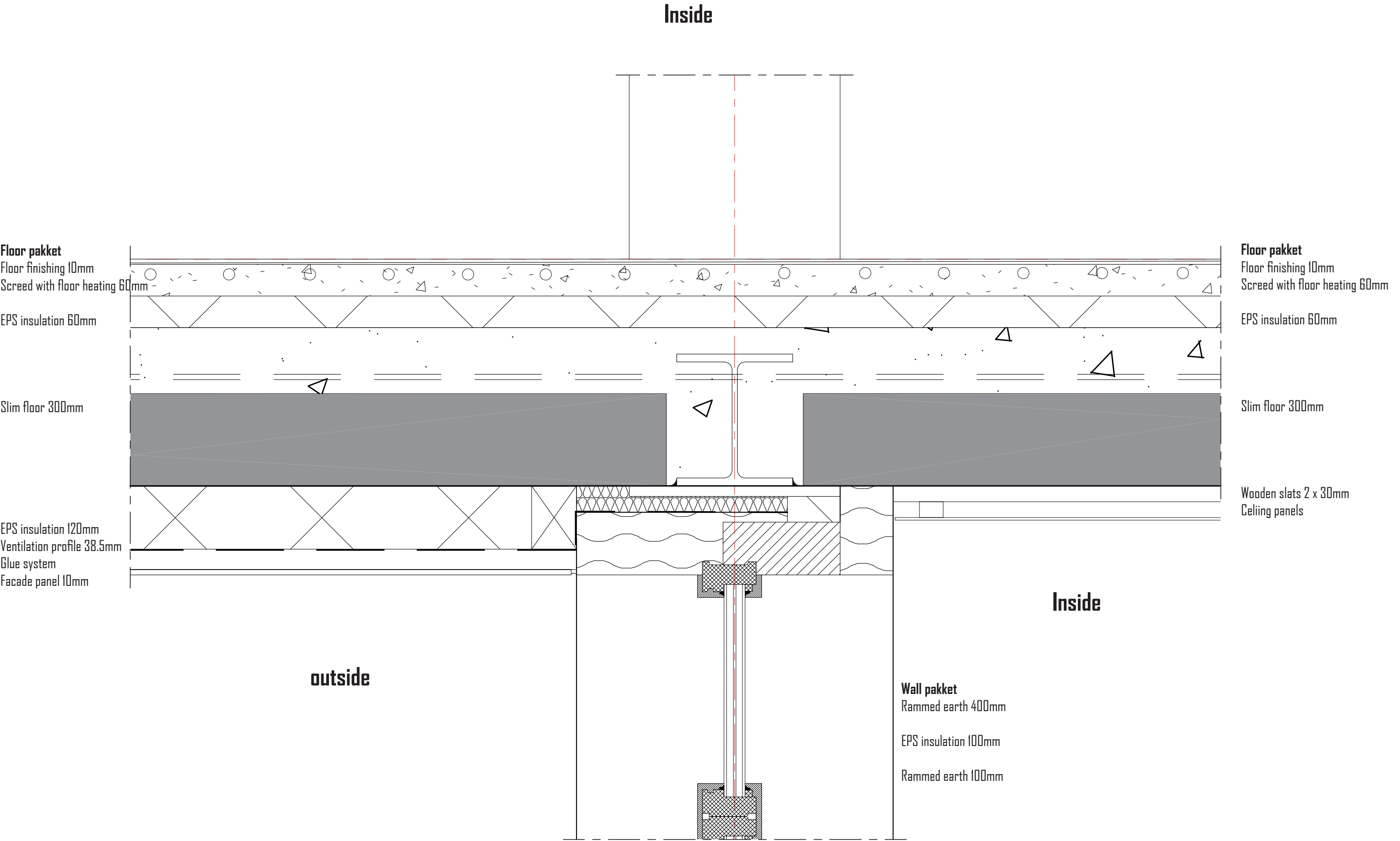
Exterior shading element on windows



Climate diagram



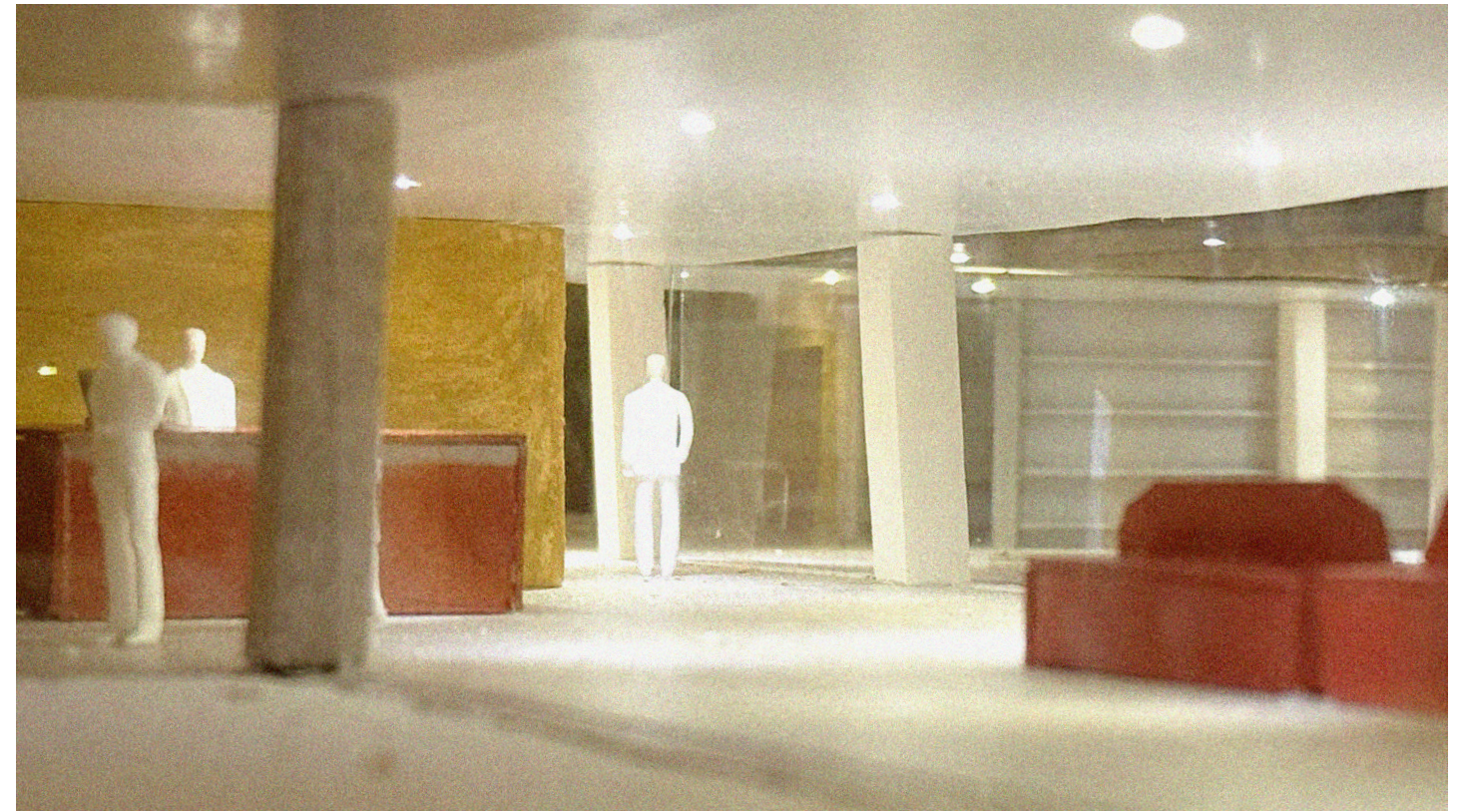
Foundation detail 1:5 (rescaled)
Design proposal



Connection floor to wall detail 1:5 (rescaled)
Design proposal







Archiving Architecture: The Valley

Thank you!

Mentors:

Susanne Pietsch (main mentor)
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Jurjen Zeinstra
Sam De Vocht

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