

RETHINKING BAUDARTIUS COLLEGE:  
EDUCATION FOR THE FUTURE GENERATION

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28 juni 2018





Heritage & Architecture TU Delft  
kaDER Gelderland  
Municipality Zutphen



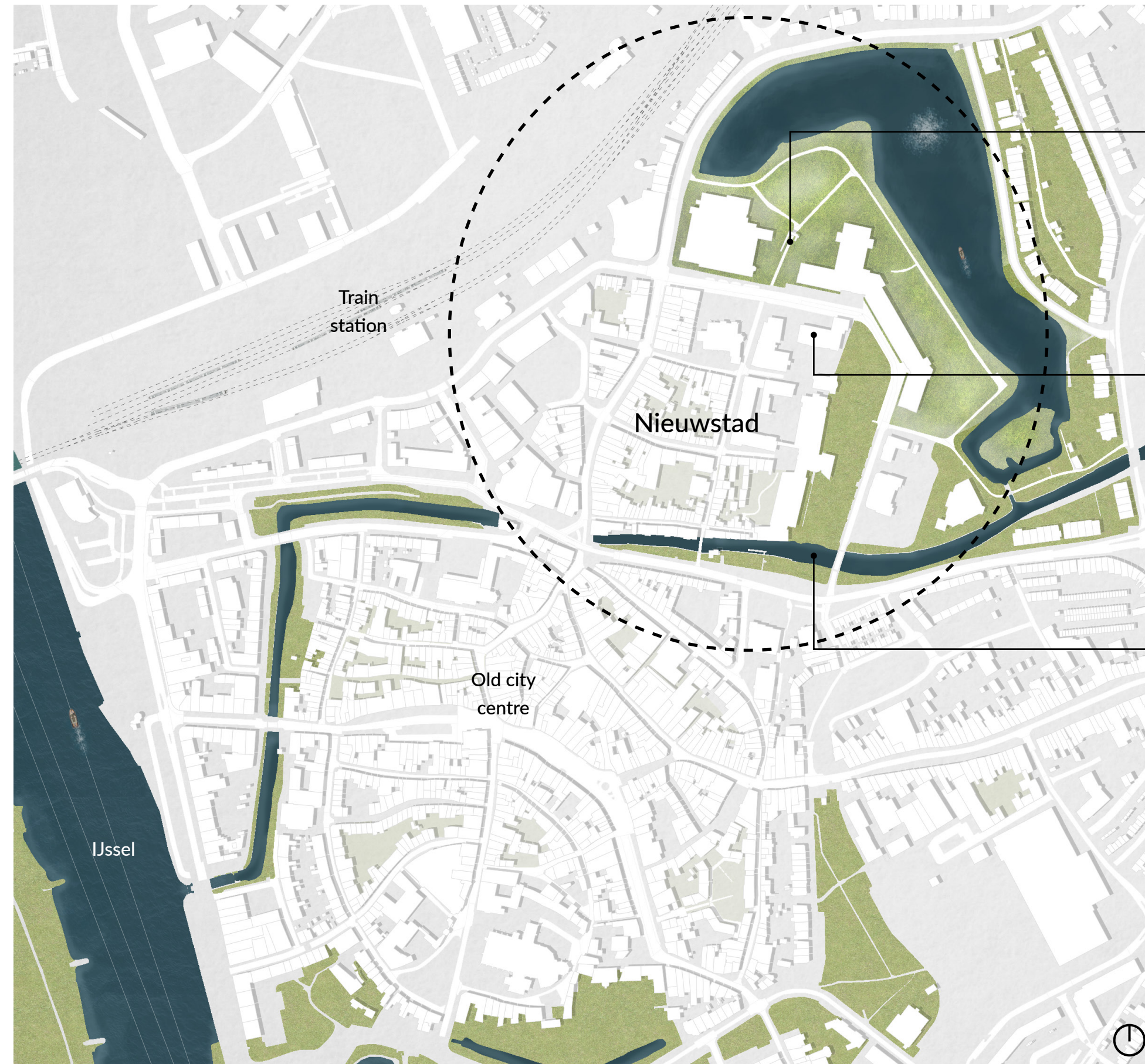
Location  
*Zutphen, The Netherlands*  
*kaDER Gelderland*





Location  
*Old city centre*  
*Zutphen*





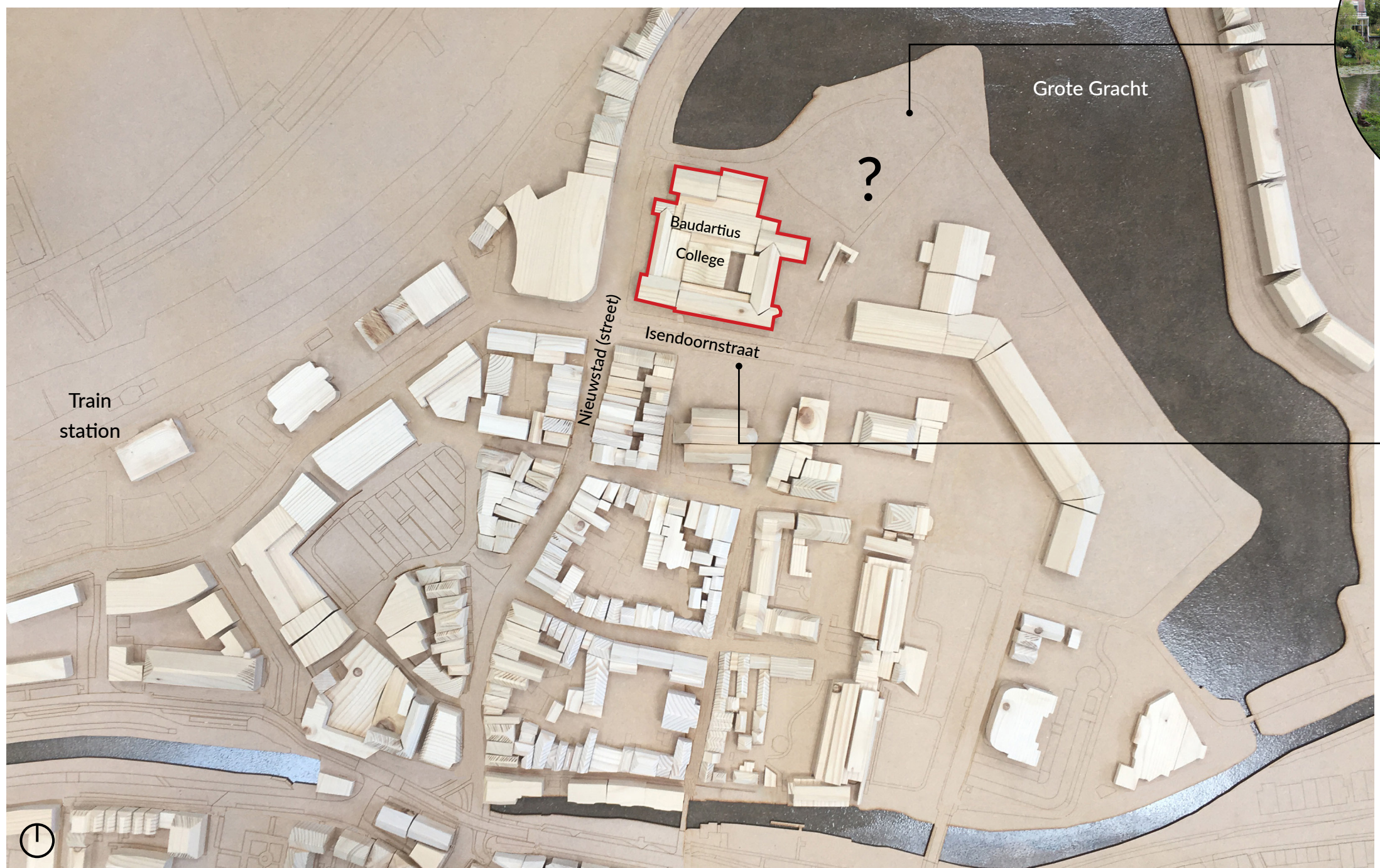
Location  
*Nieuwstad*  
*Zutphen*





Location  
*Nieuwstad*  
*Zutphen*





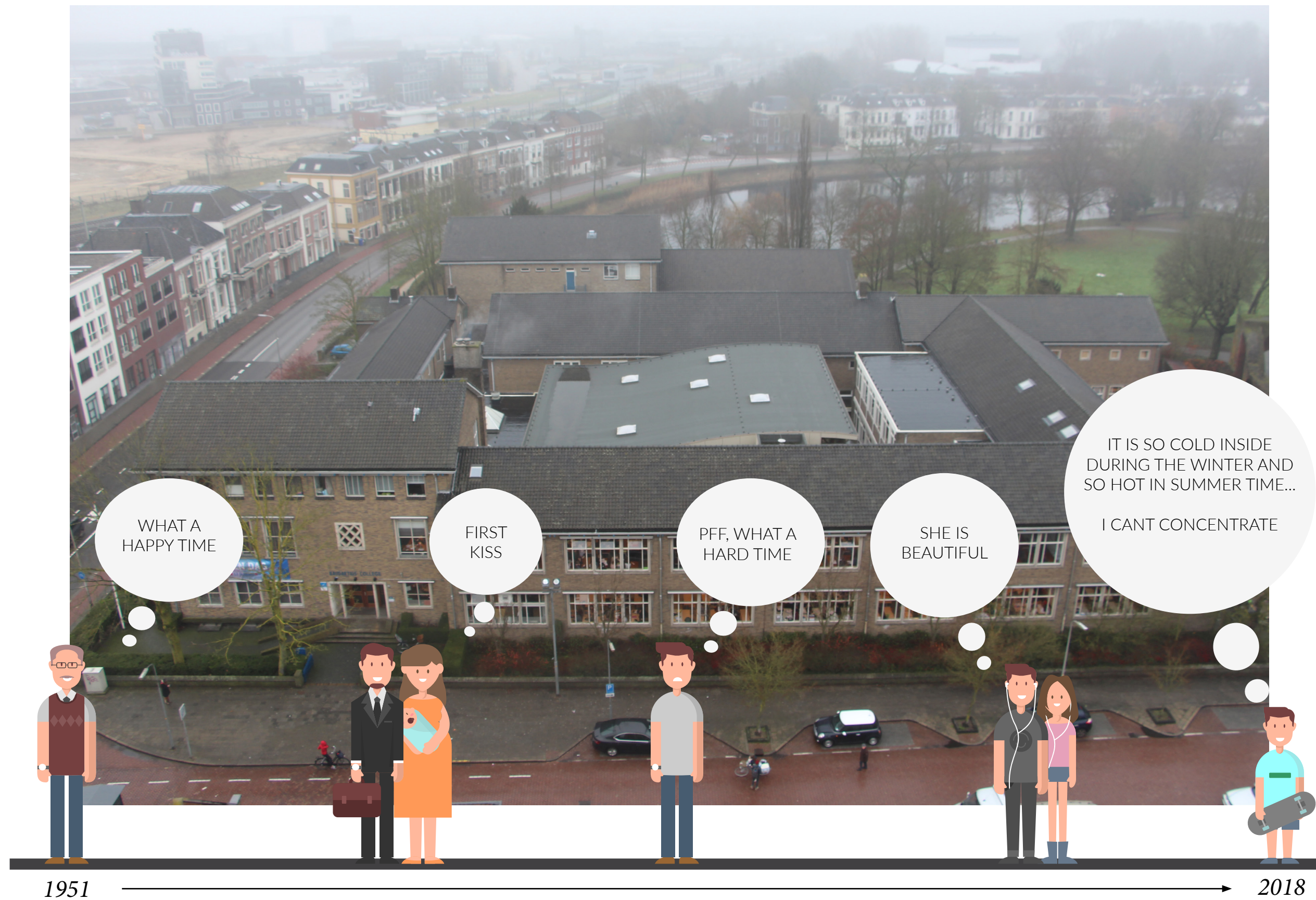
Location  
*Baudartius College*  
*Nieuwstad, Zutphen*





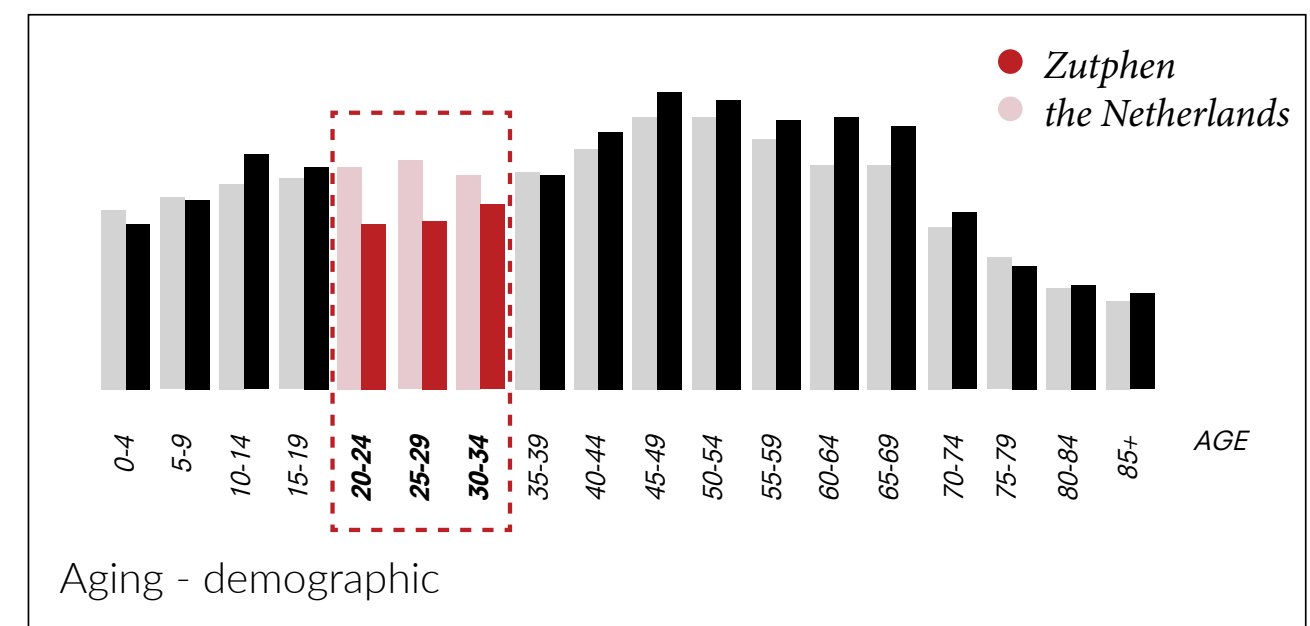
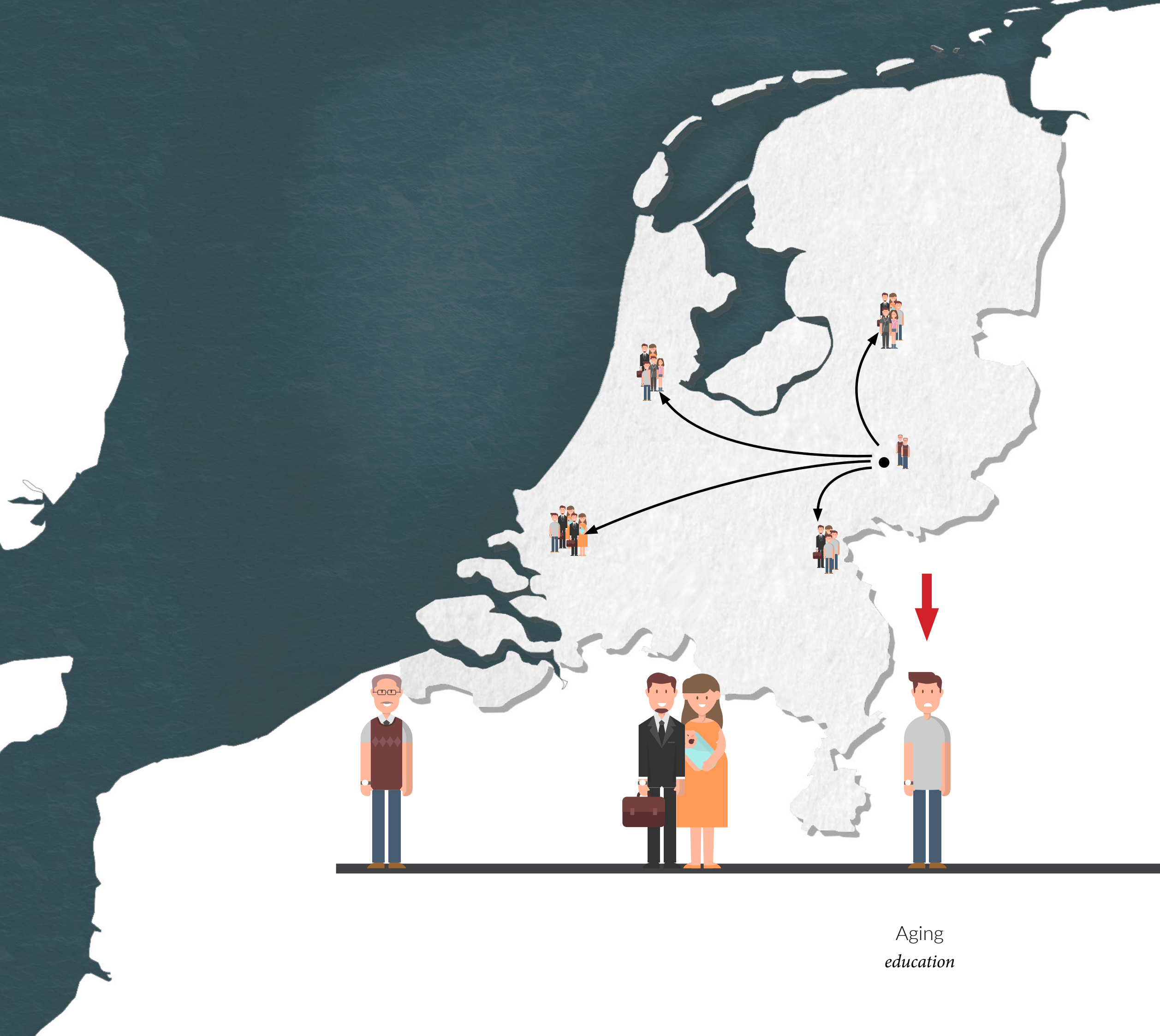
Baudartius College  
1951 - 2018





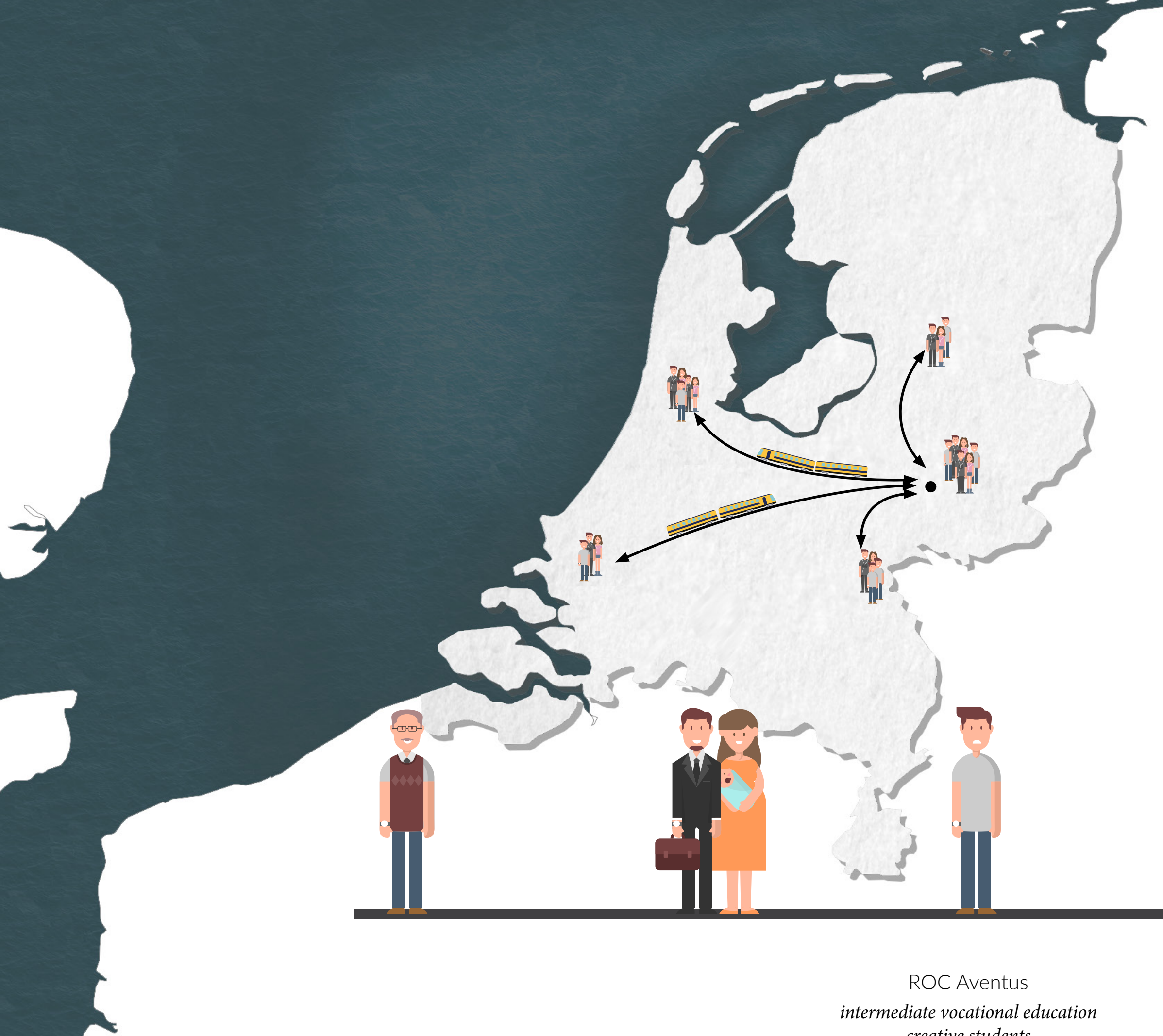
Baudartius College  
*memories*



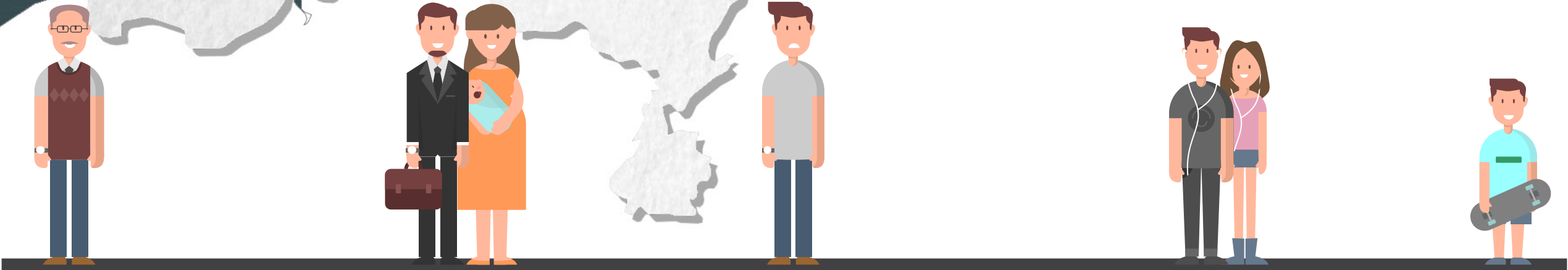


Aging  
*education*





368  
creative students

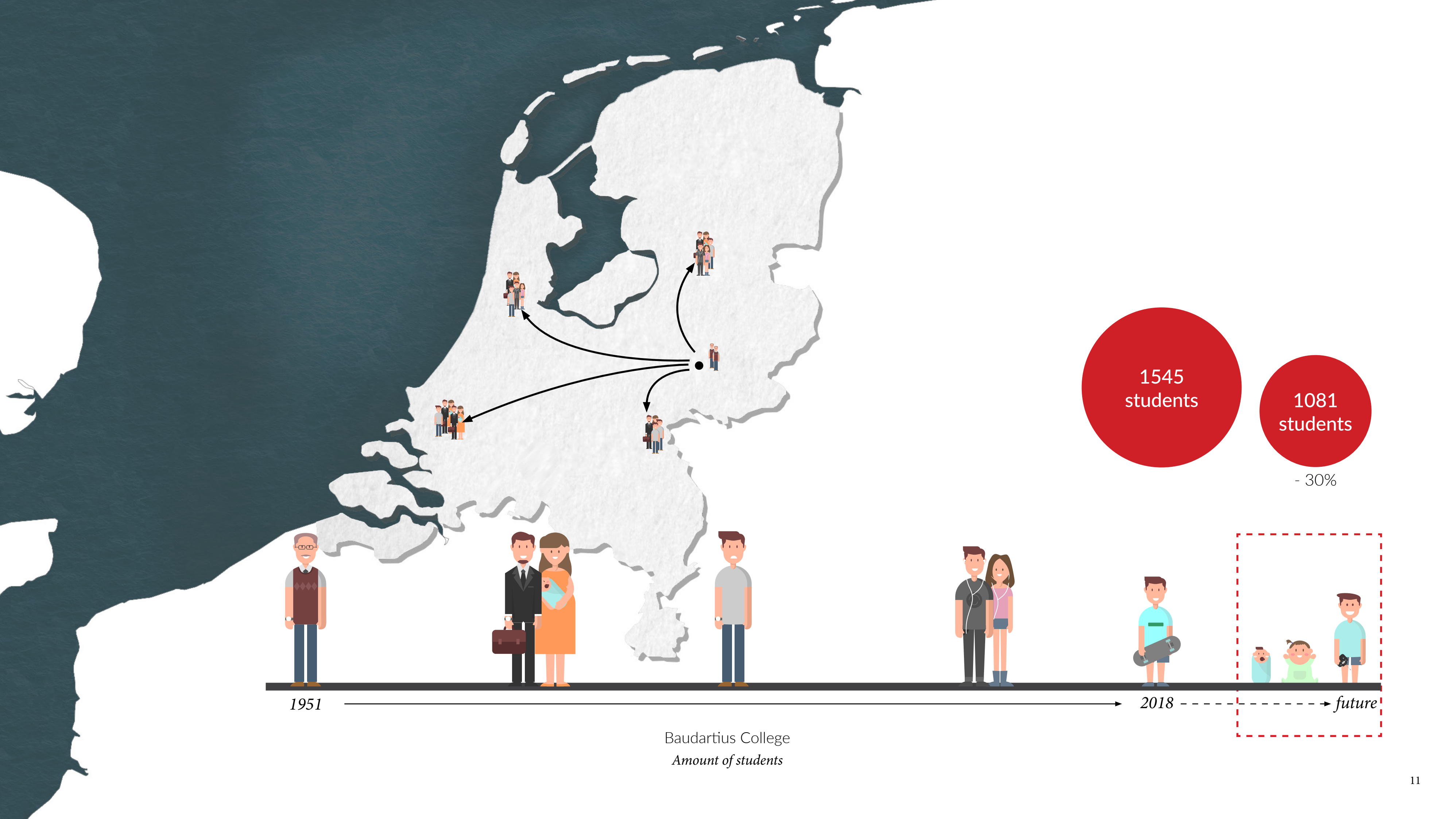


ROC Aventus  
*intermediate vocational education*  
*creative students*



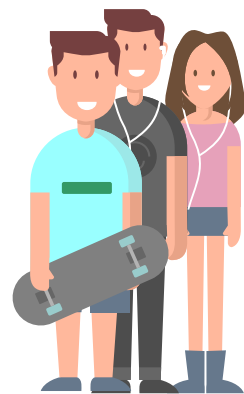
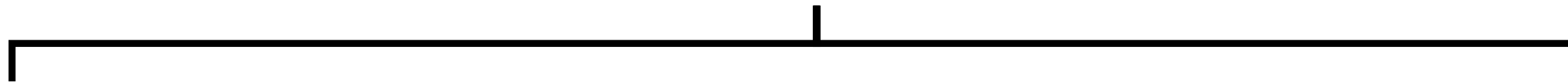
Fashion Design Aventus (<https://www.ventus.nl/opleidingen/specialist-modemaatklleding-bol>)







Education



Baudartius College

*Students*

*age +/- 12 till 18*



Work Expo

*Creative students Aventus*

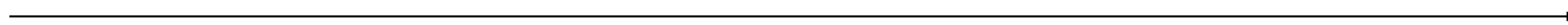
*(fashion design, interior design, modern dance)*

*Start-ups*

*Local people*

*Tourists*

1951

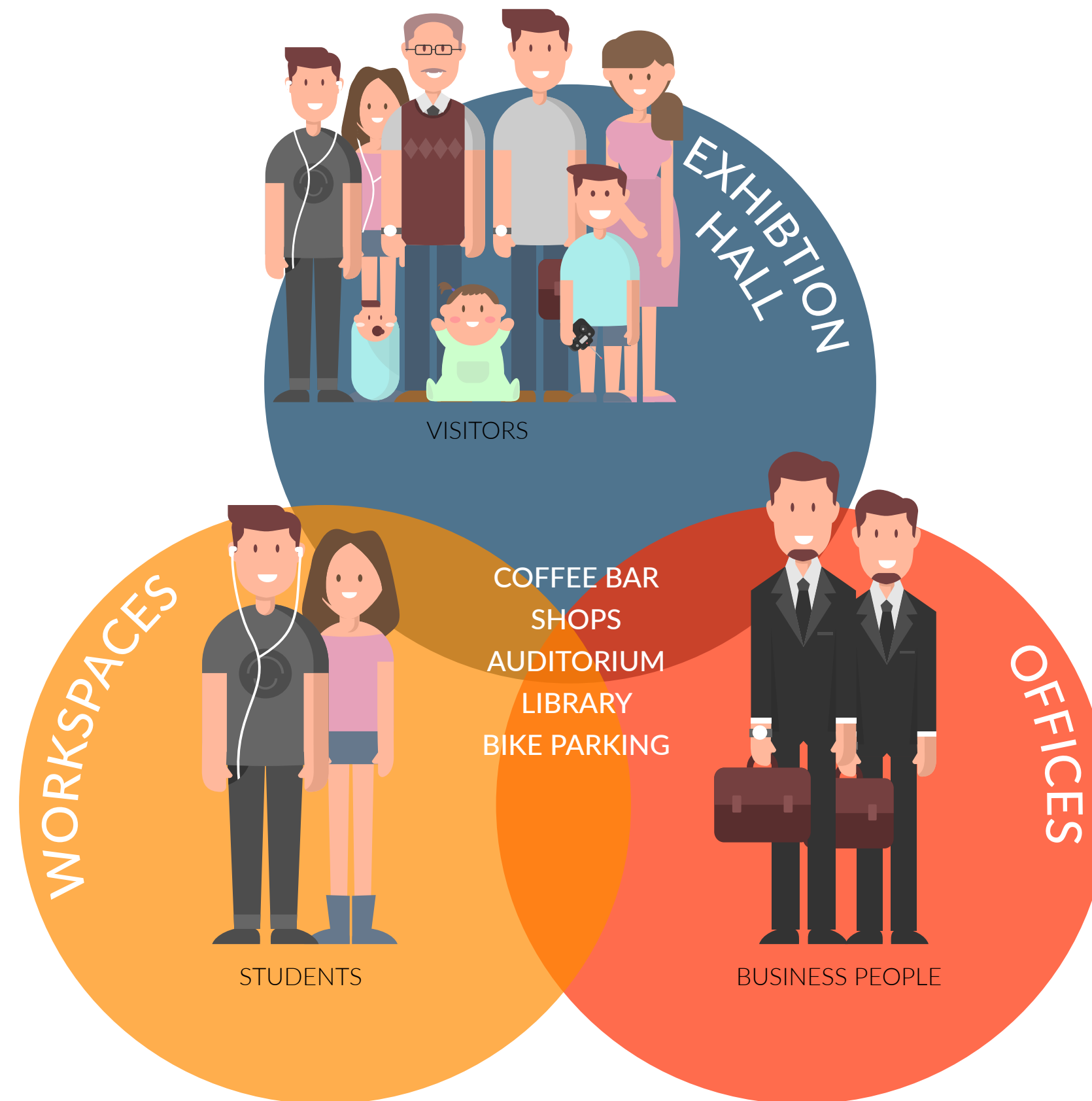


2018

-----> *future*

Function

*based on dilemmas and demographics*



Function  
*based on dilemmas and demographics*

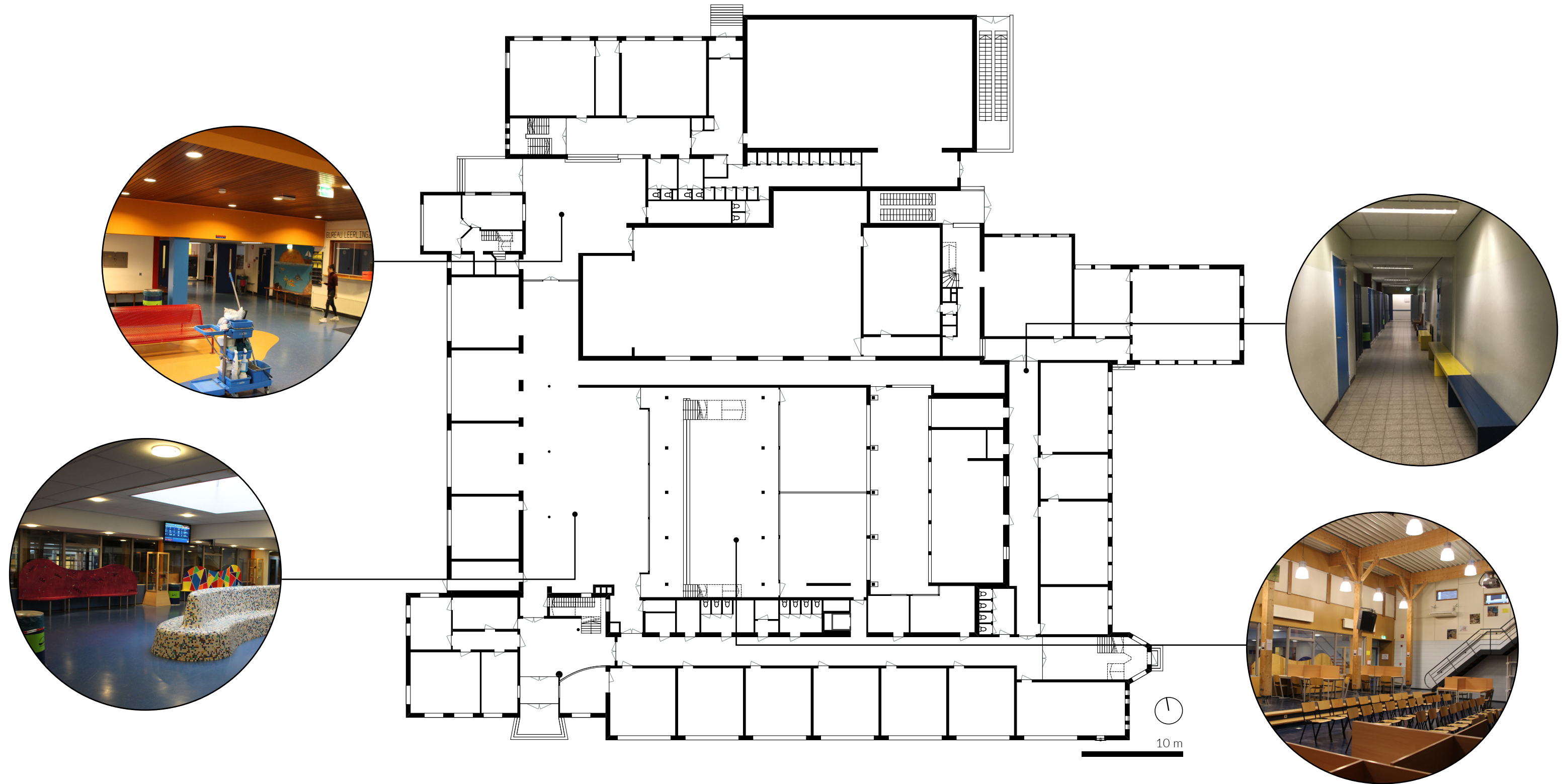




Baudartius College  
*values, opportunities, dilemmas & obligations*







Ground Floor  
*chaos / labyrinth*





Baudartius College  
*collage of architectural languages*





1.



2.

Isendoorn Barrack  
 1. *Nieuwstad* +/- 1830  
 2. *Isendoornstraat* +/- 1830





1.



2.

City Park  
*beginning & end of the city*  
 1. Spanish Gate  
 2. Grote Gracht





Baudartius College  
*1951*





1.



2.

Exterior Baudartius College 1951

1. concrete ornaments
2. slender steel window frames





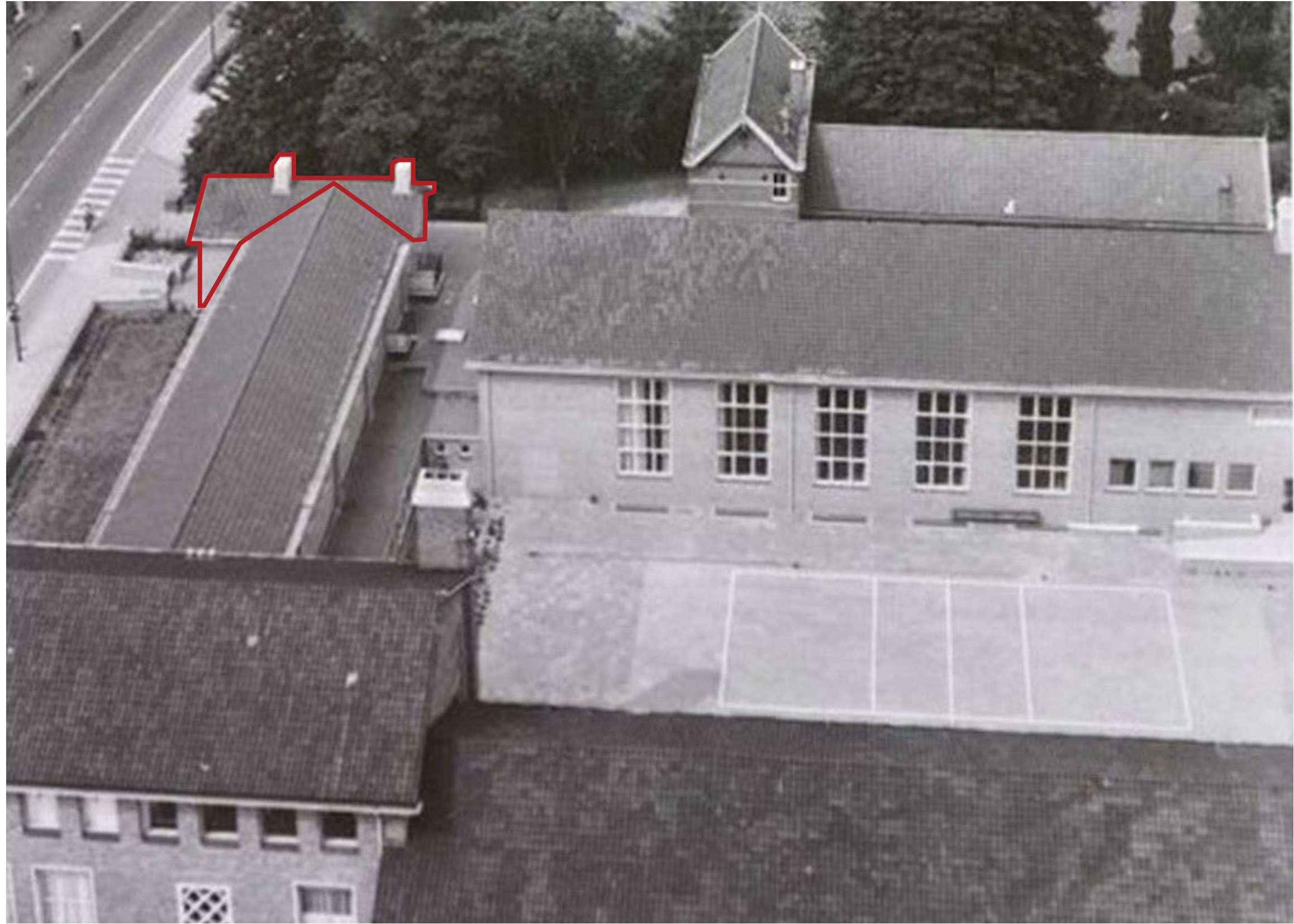
Interior Baudartius College 1951  
 1. *monumental staircase / mosaic / stained glass window*  
 2. *different floor tiles*  
 3. *different trusses*





Materials  
*50's atmosphere*





Baudartius College 1955  
*courtyard*





Caretaker's house  
*dwelling / administration*





Baudartius College 2018  
*no connection surrounding  
disappeared courtyard*





1.



2.

Baudartius College 2018

*1. interior atmosphere*

*2. courtyard*





Value Layers  
*Ground Floor Baudartius College*

- *high value (1951)*
- *medium value (1955)*
- *low value (>1955)*





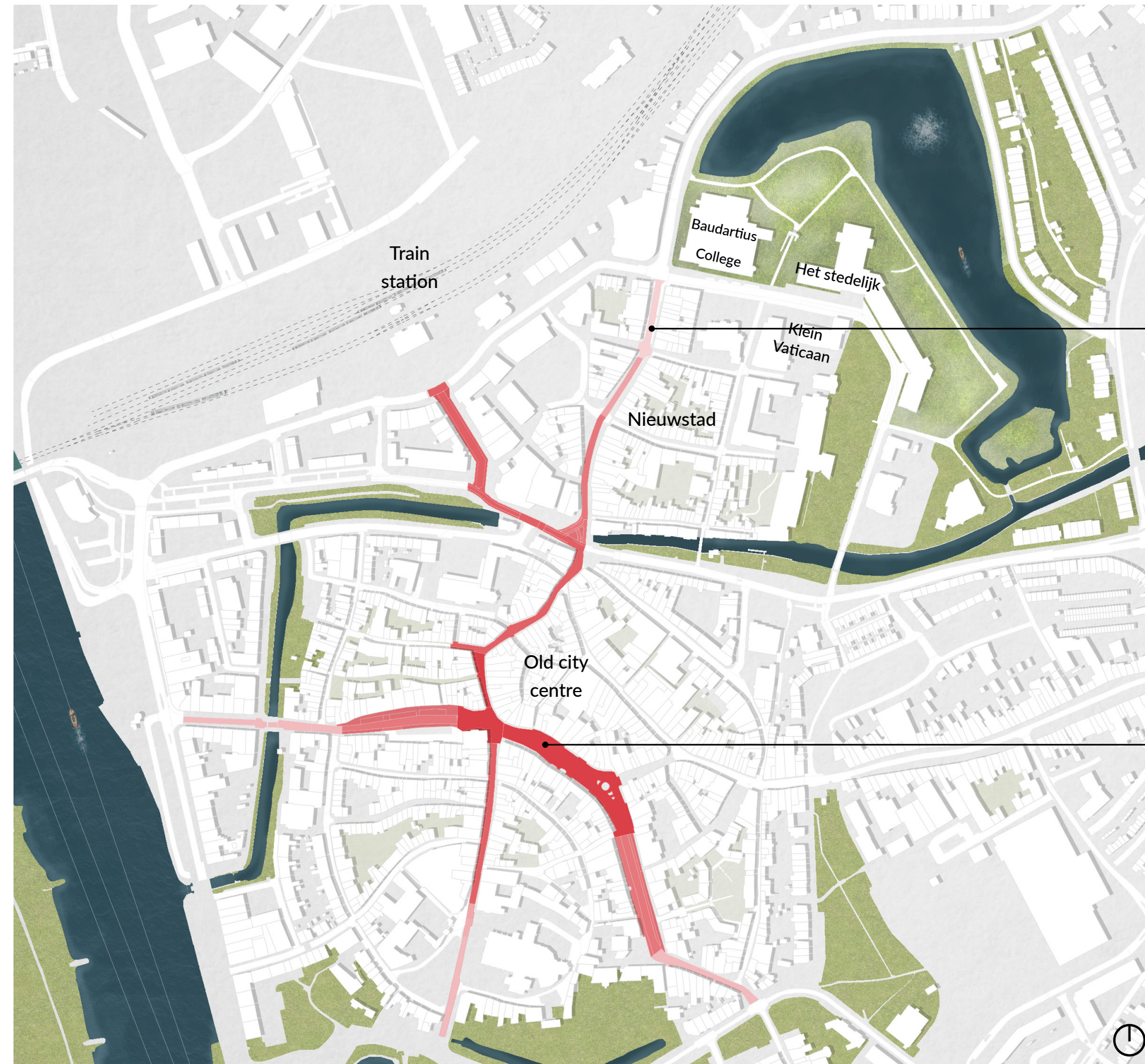
High Schools  
*lively during the week / quiet in the evenings and weekends*





Isendoornstraat  
*wide empty street*





Nieuwstad  
*street life*

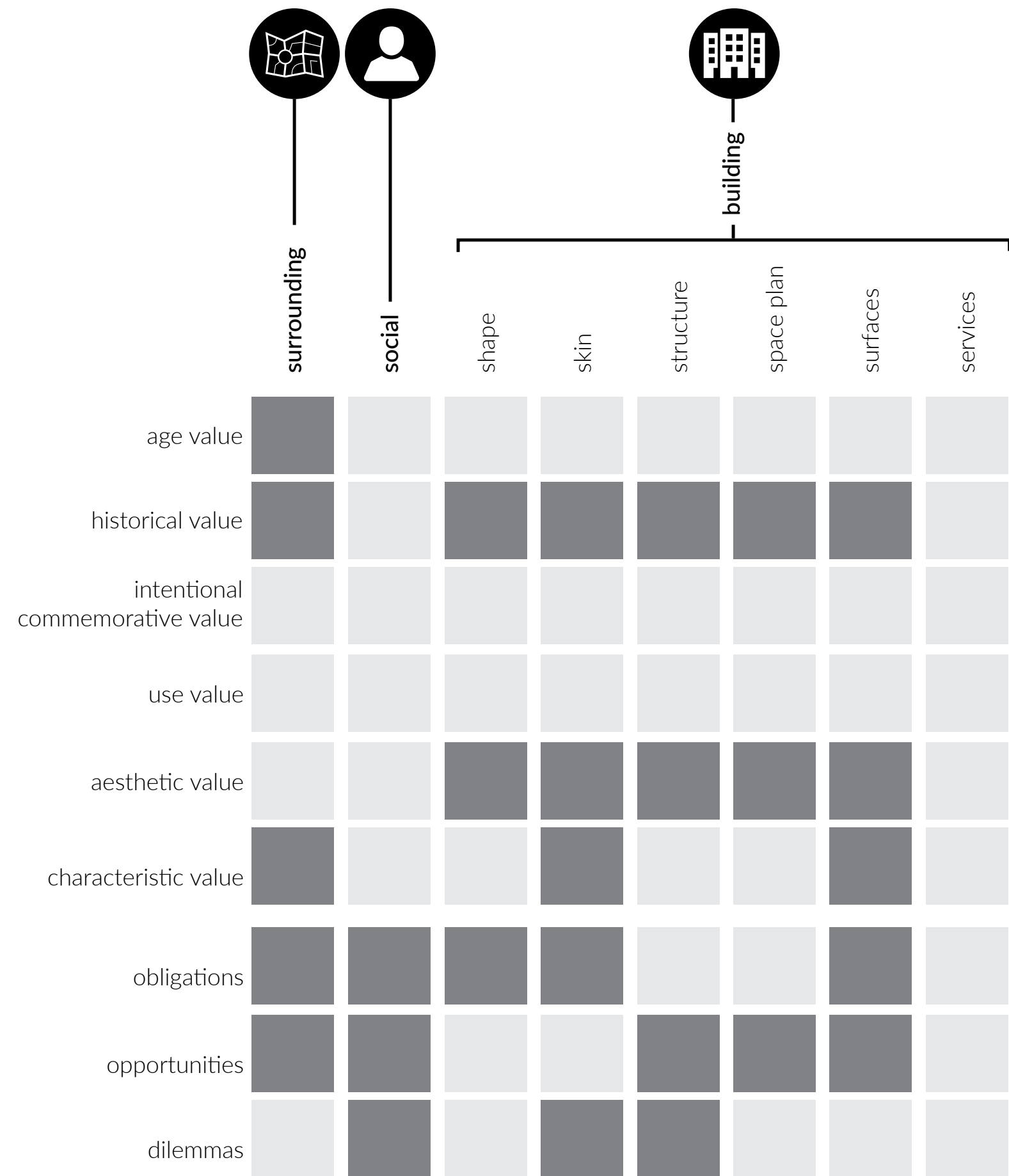


Posed problem: **densification**

The environment and the building lost its atmosphere and characteristics due to the dis-balance in density, the **building is too dense** and the **environment is too open**.

“How can an **in-between** space be **transformed** into a resilient site which contributes to the city?”

Research Question



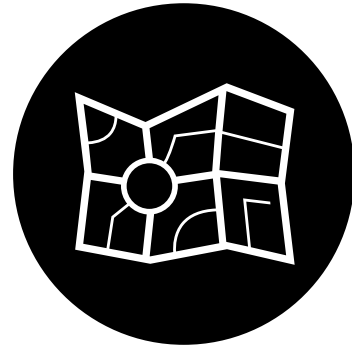
Cultural Value Matrix

*surrounding*

*social*

*building*

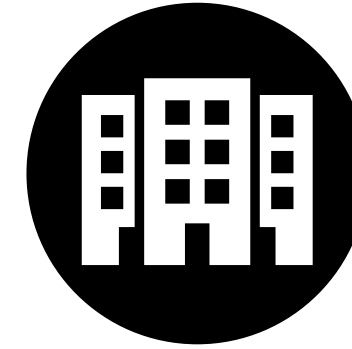




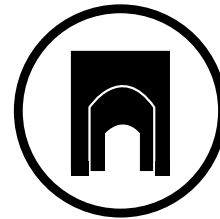
Surrounding / site



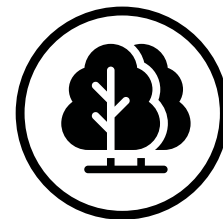
Social



Building



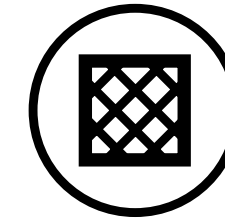
Spanish Gate



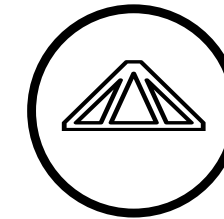
Park



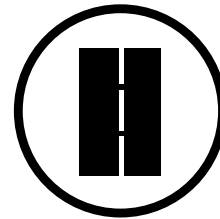
Different Target Groups



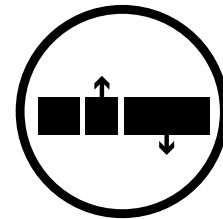
Detailing



Trusses



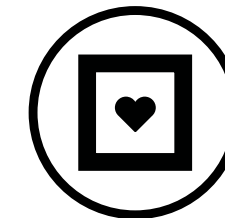
Historical Plot Line



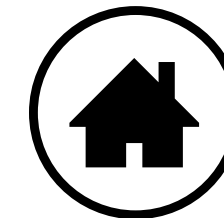
Connection Environment



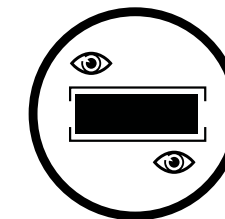
Lively Environment



Courtyard



House Caretaker



Front side

Transformation Framework  
*surrounding*  
*social*  
*building*

URBAN INTERVENTION





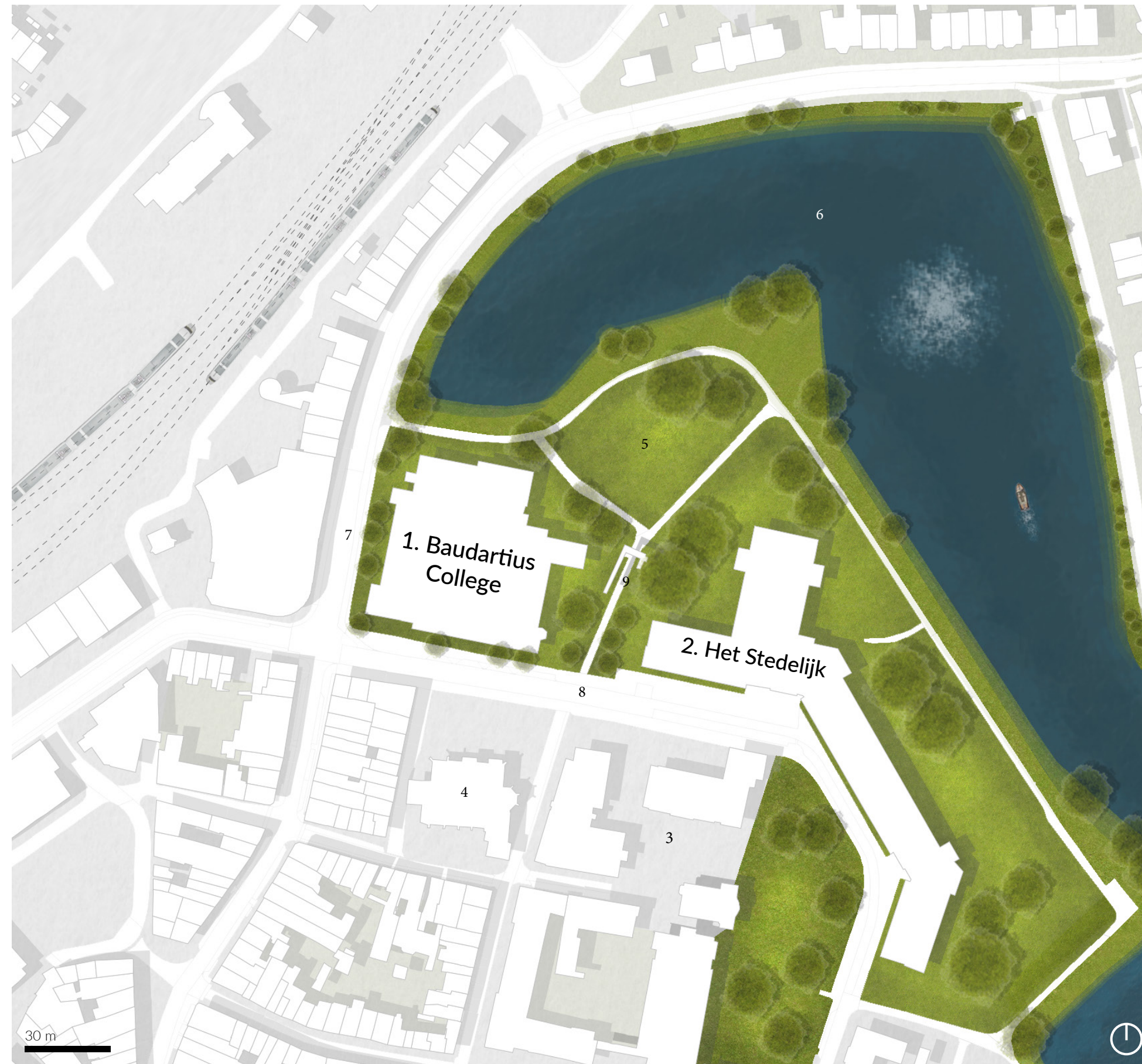
Site Plan  
*Zutphen*  
*current situation*





Site Plan  
*Zutphen*  
*current situation*





Site Plan  
*Nieuwstad*  
*current situation*





Site Plan  
*Nieuwstad*  
*connection garden & park*





Site Plan  
*Nieuwstad*  
 buffer zone between city & park





Site Plan  
*Nieuwstad*  
*function*

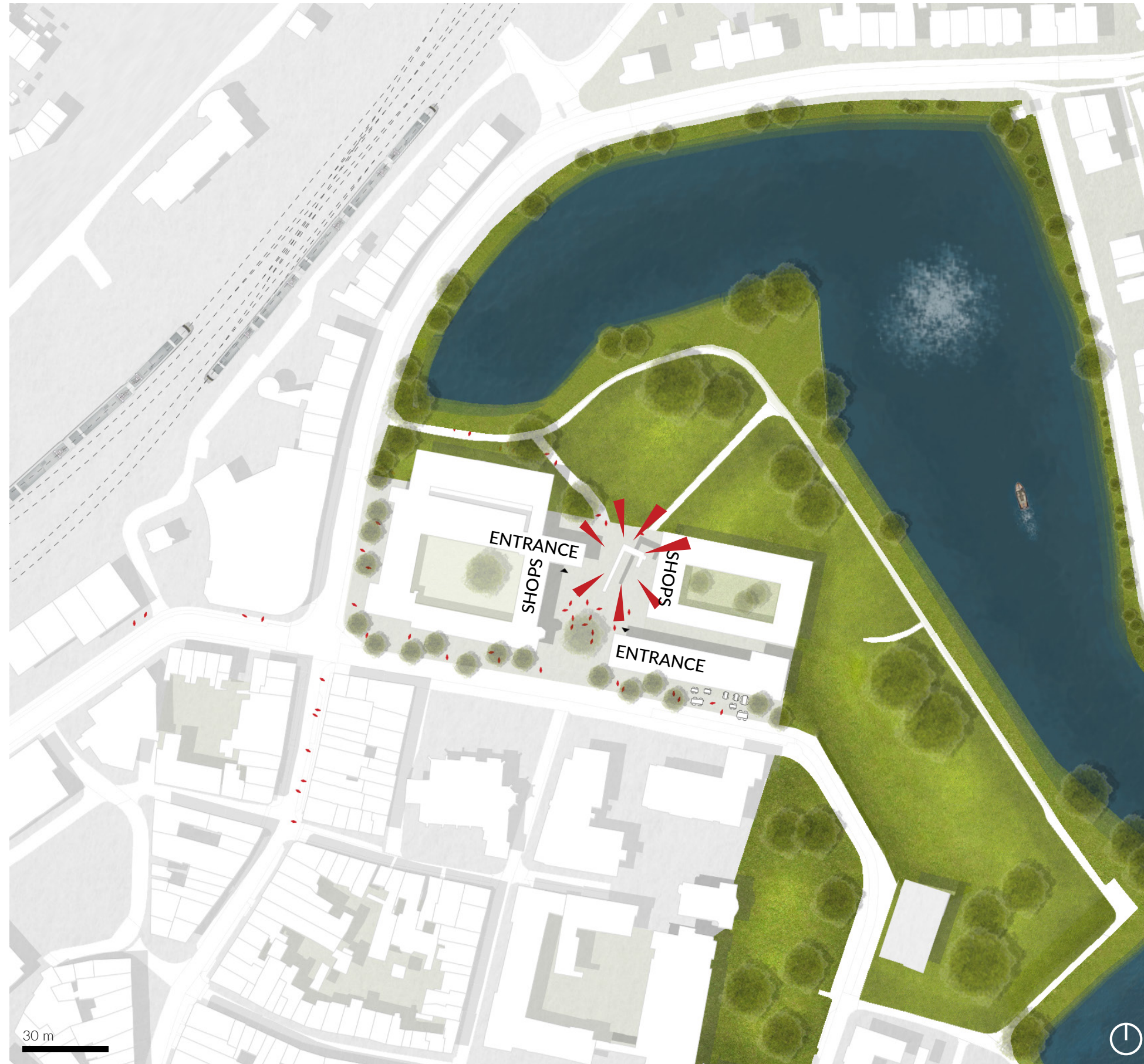




Site Plan

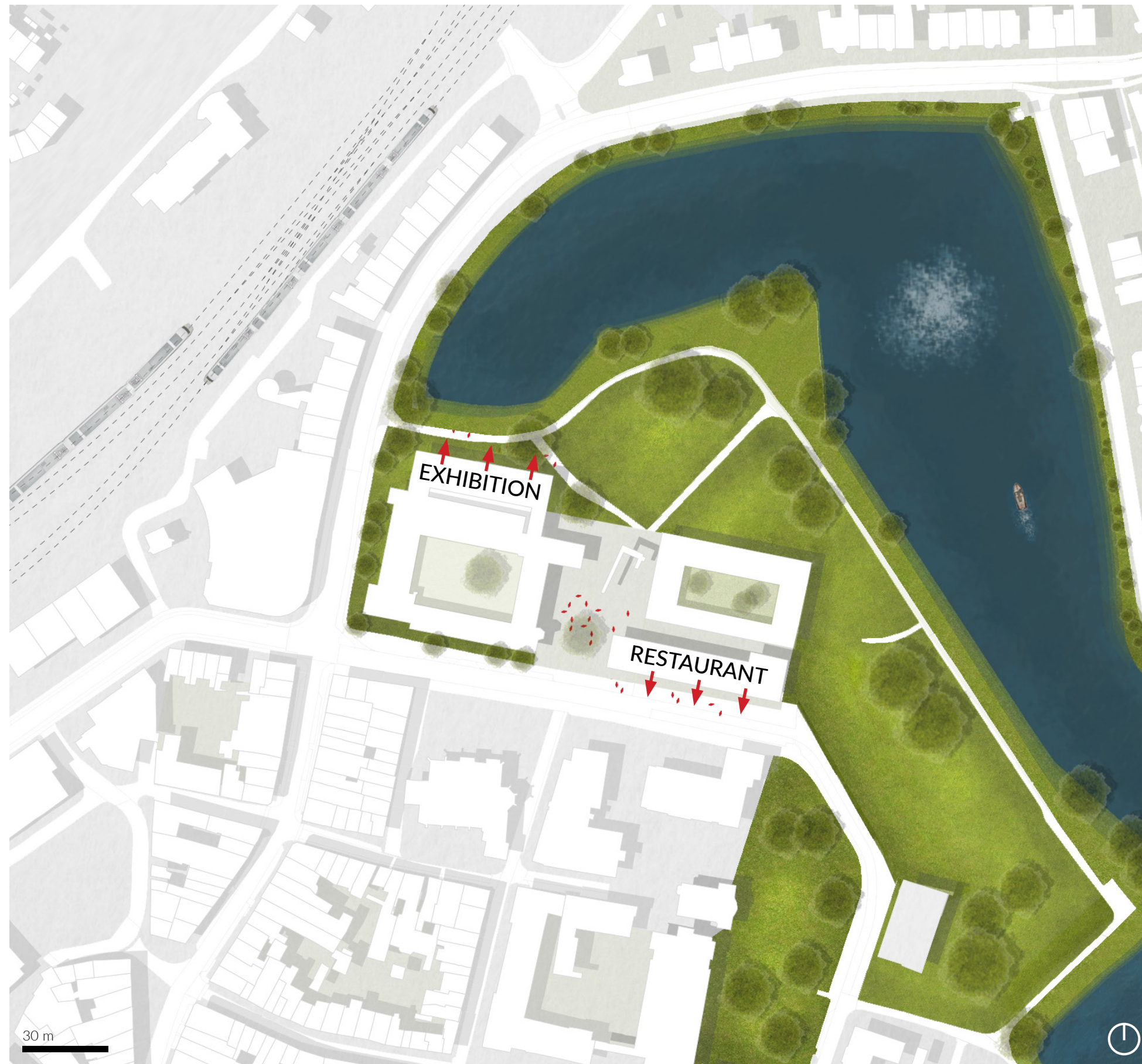
- 1. *active courtyard*
- 2. *entrance square*
- 3. *passive courtyard*





Site Plan  
*Nieuwstad*  
*Spanish Gate*





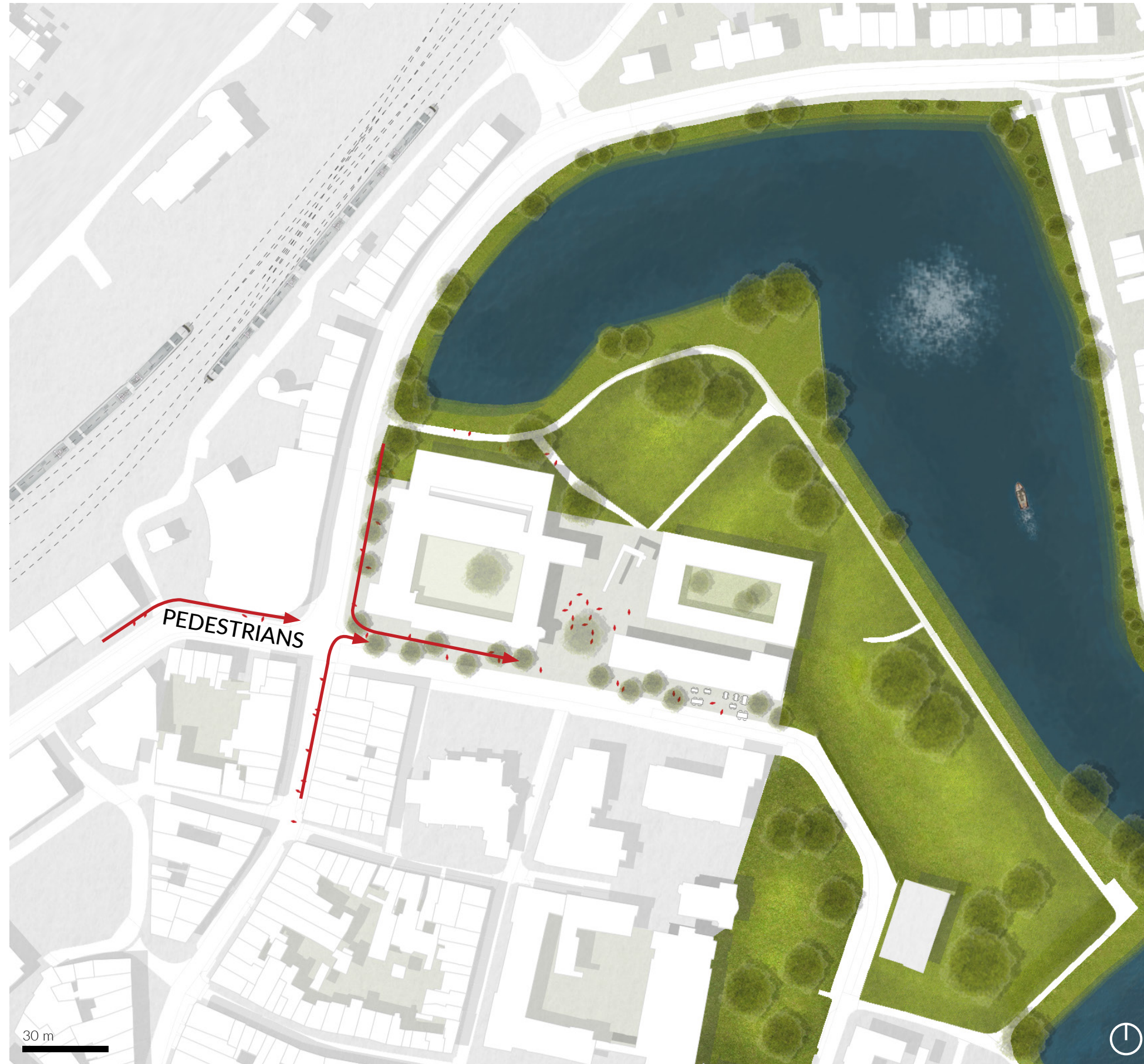
Site Plan  
*Nieuwstad*  
*connection with the city*





Site Plan  
Nieuwstad +/- 1830  
Isendoorn barracks





Site Plan  
*Nieuwstad*  
*historical plotline*





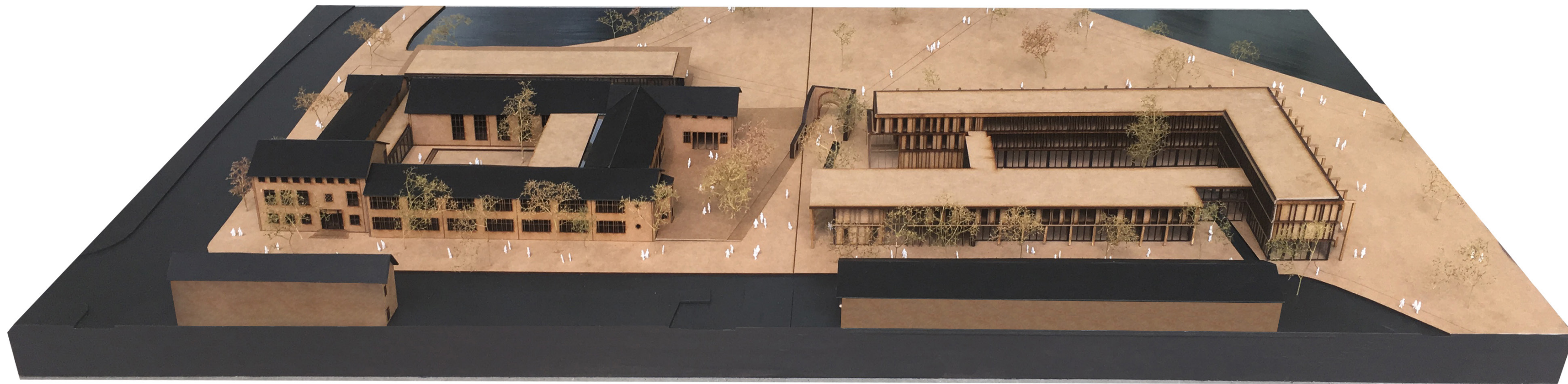
Site Plan  
*Nieuwstad*  
*car parking*





Site Plan  
*Nieuwstad*  
*cyclists*





One complex  
*West wing - work expo*  
*East wing - student hotel*



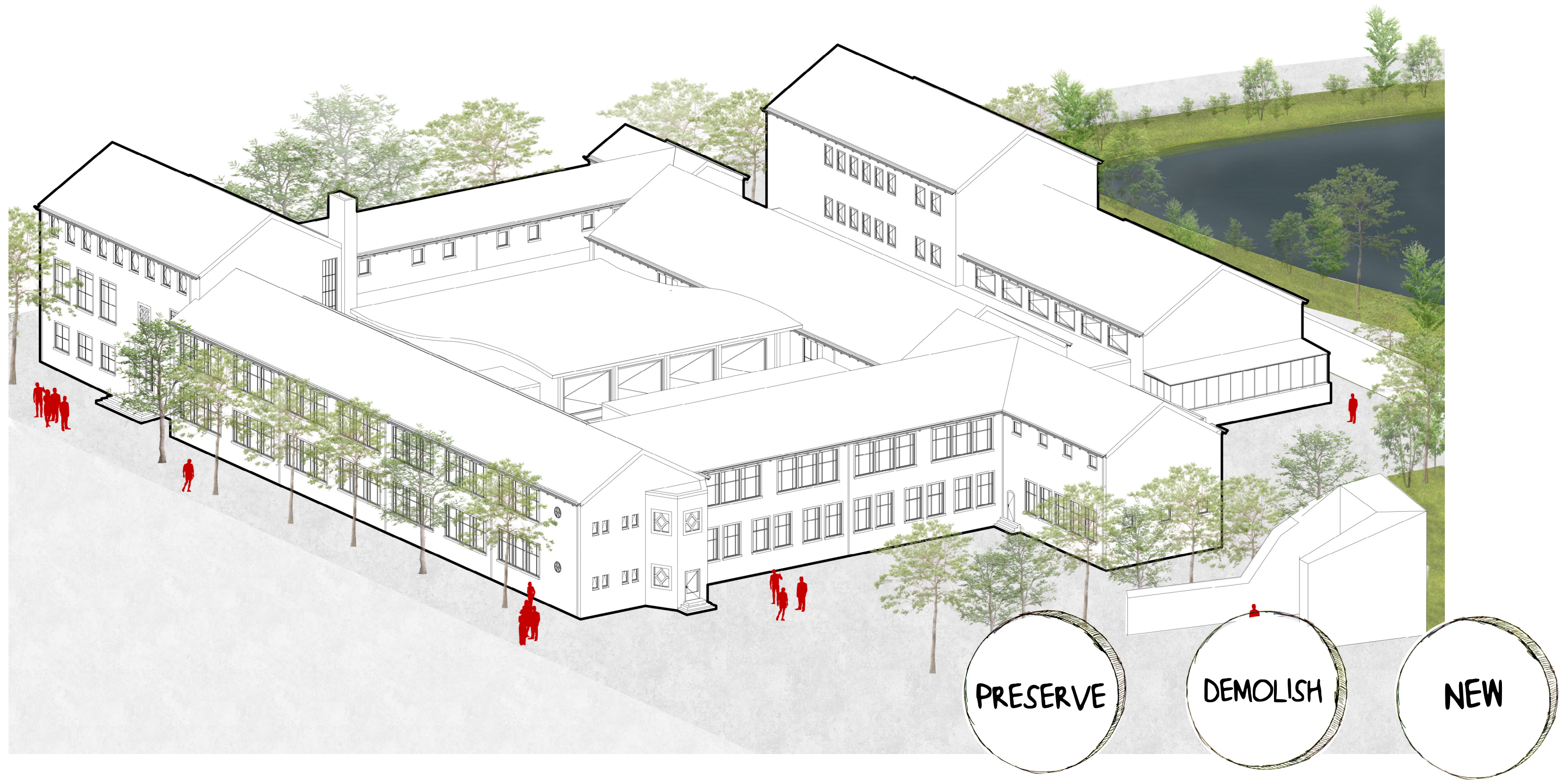


Site Plan  
*Zutphen*  
*new situation*



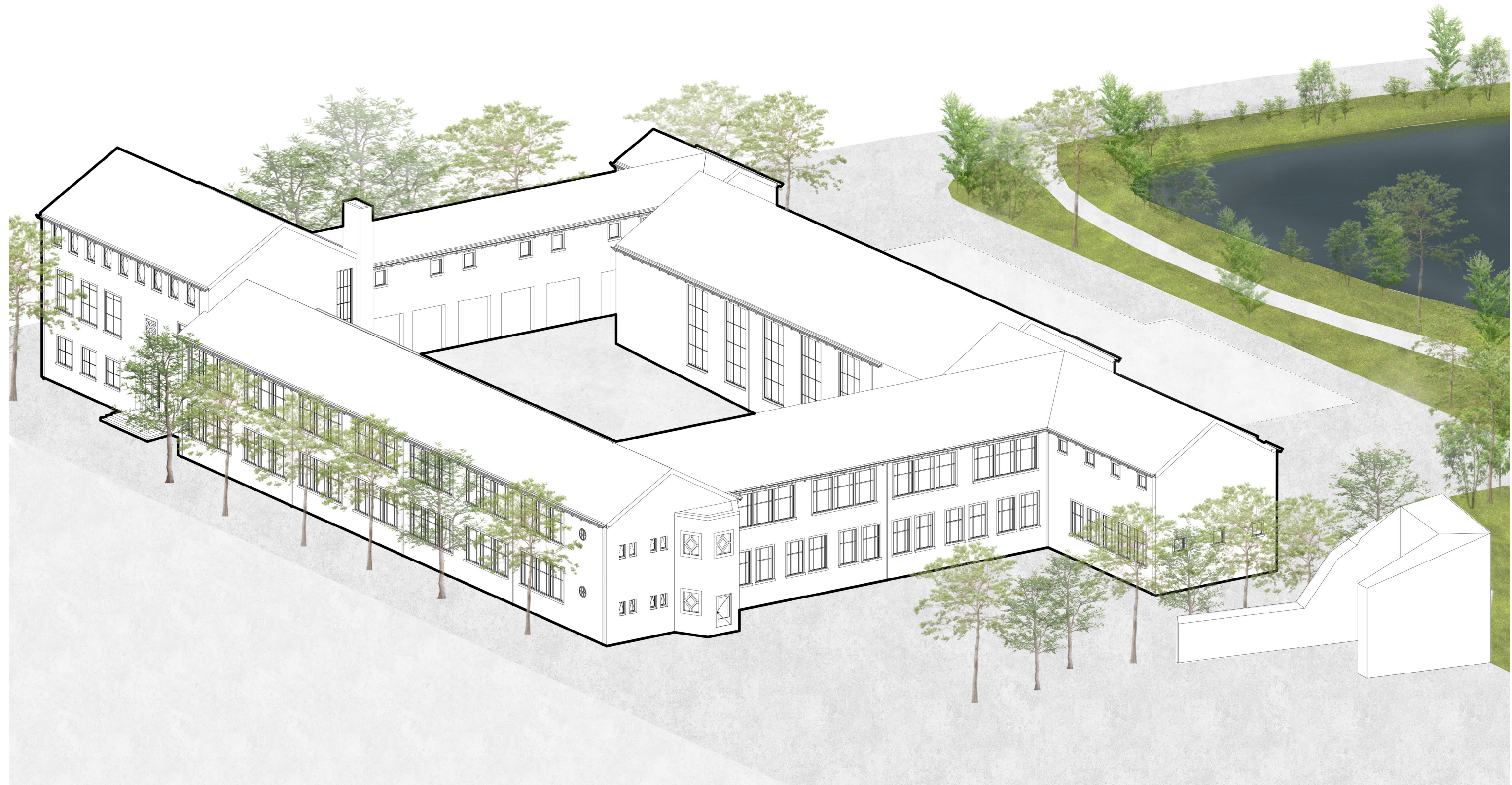
BUILDING INTERVENTION





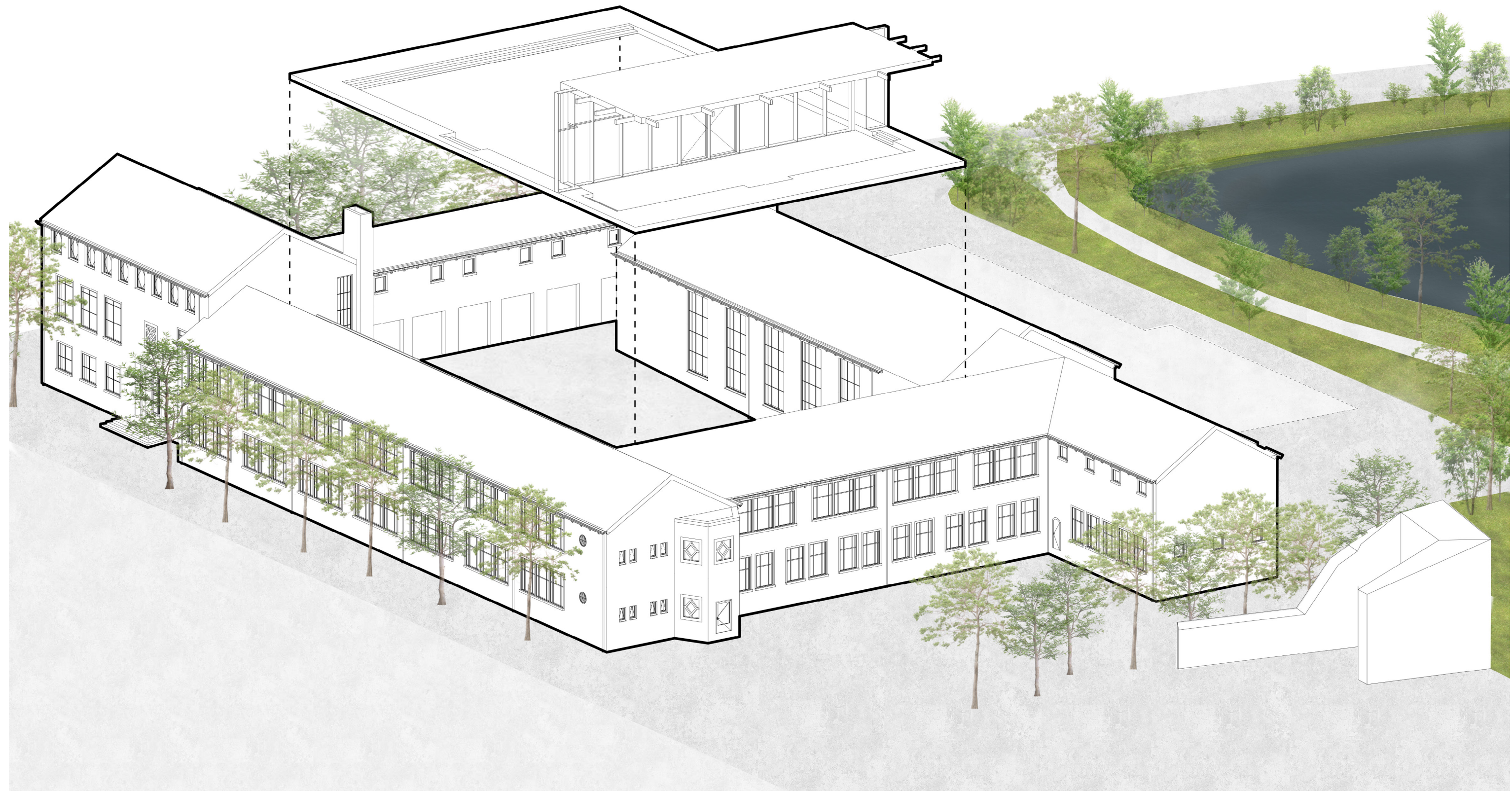
Baudartius College 2018  
*current situation*





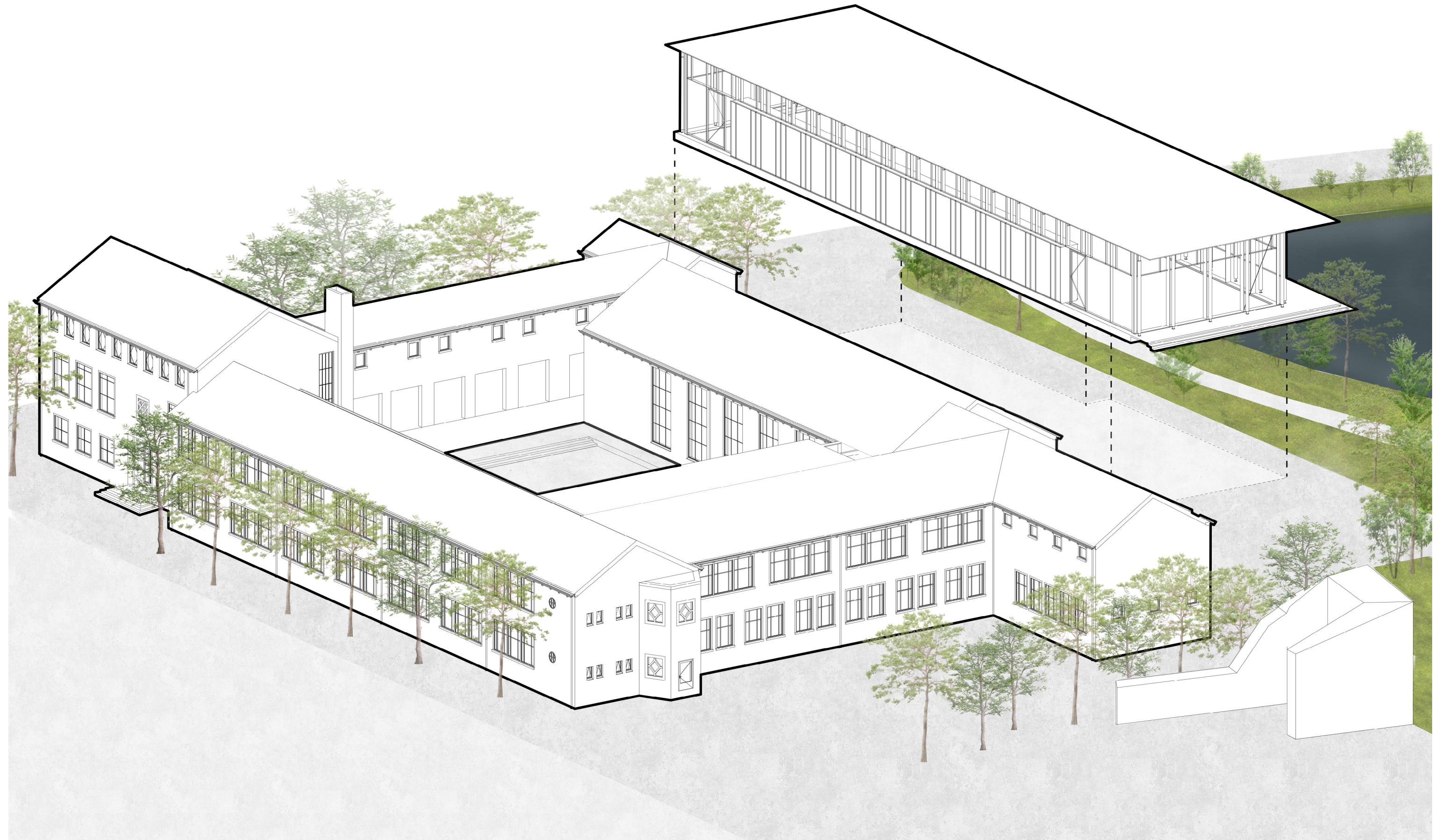
Condition after demolition  
*valuable volumes*





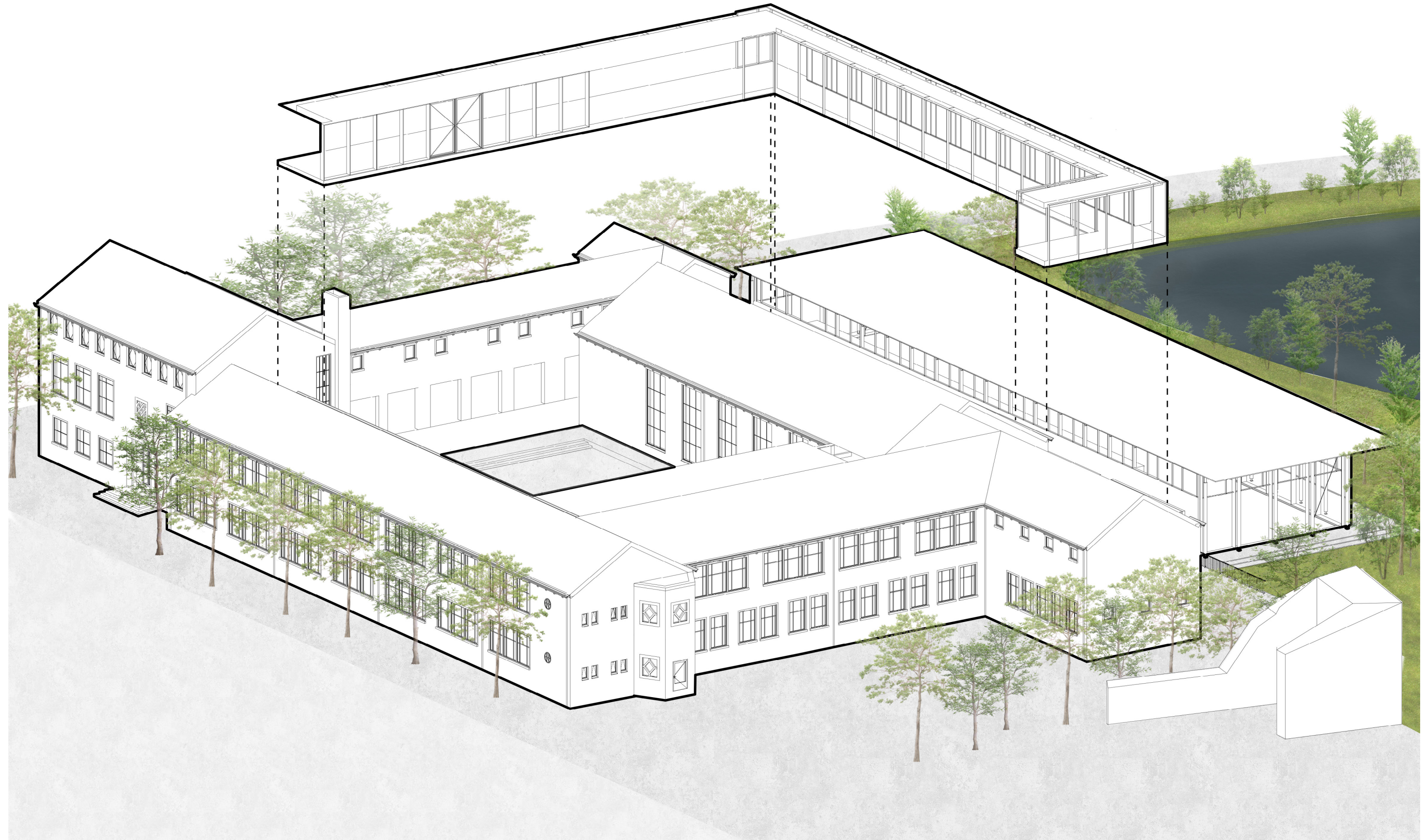
New courtyard  
*indoor - outdoor*





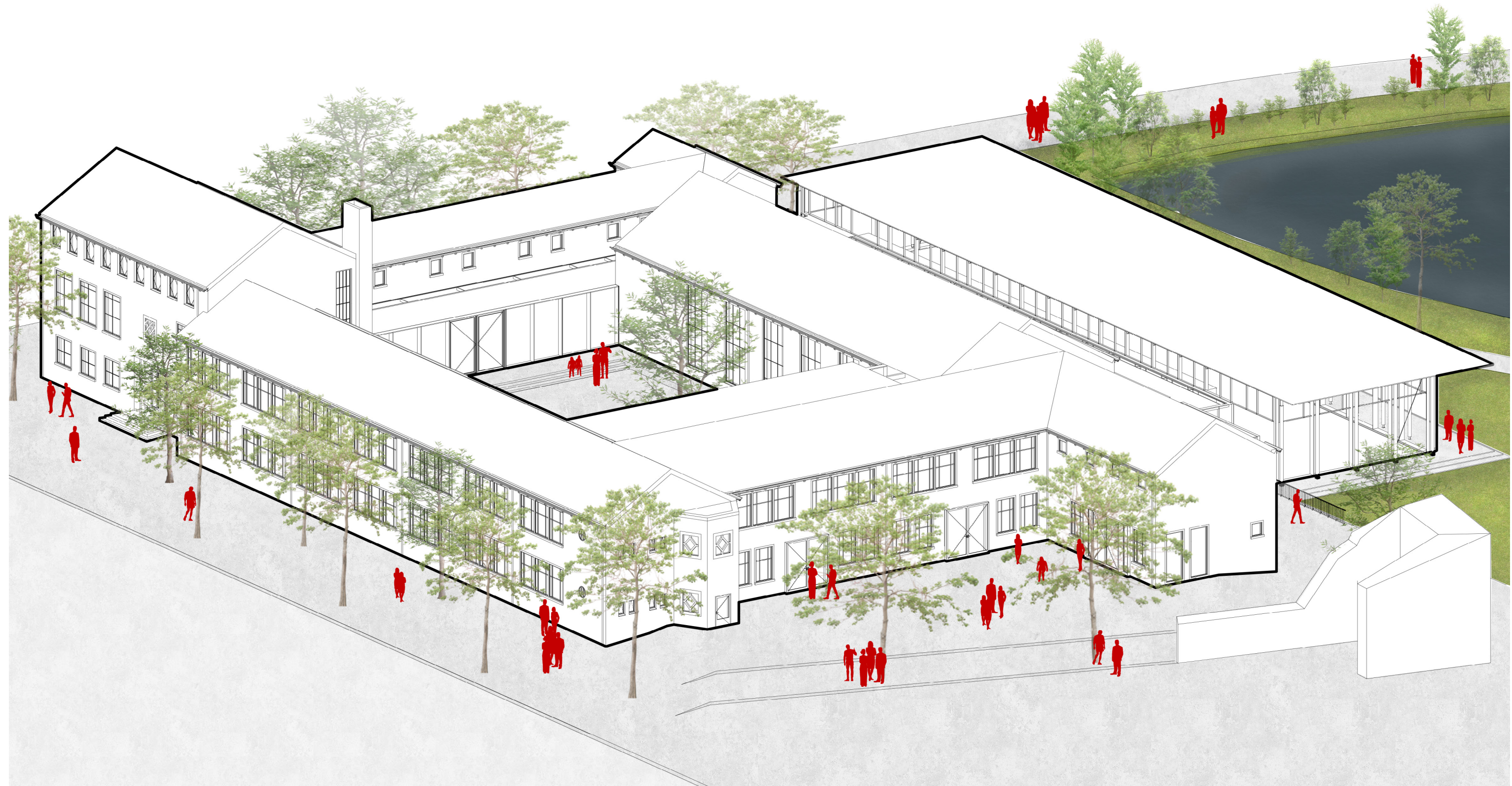
Exhibition hall  
*connection park*





Corridor  
*circular routing*





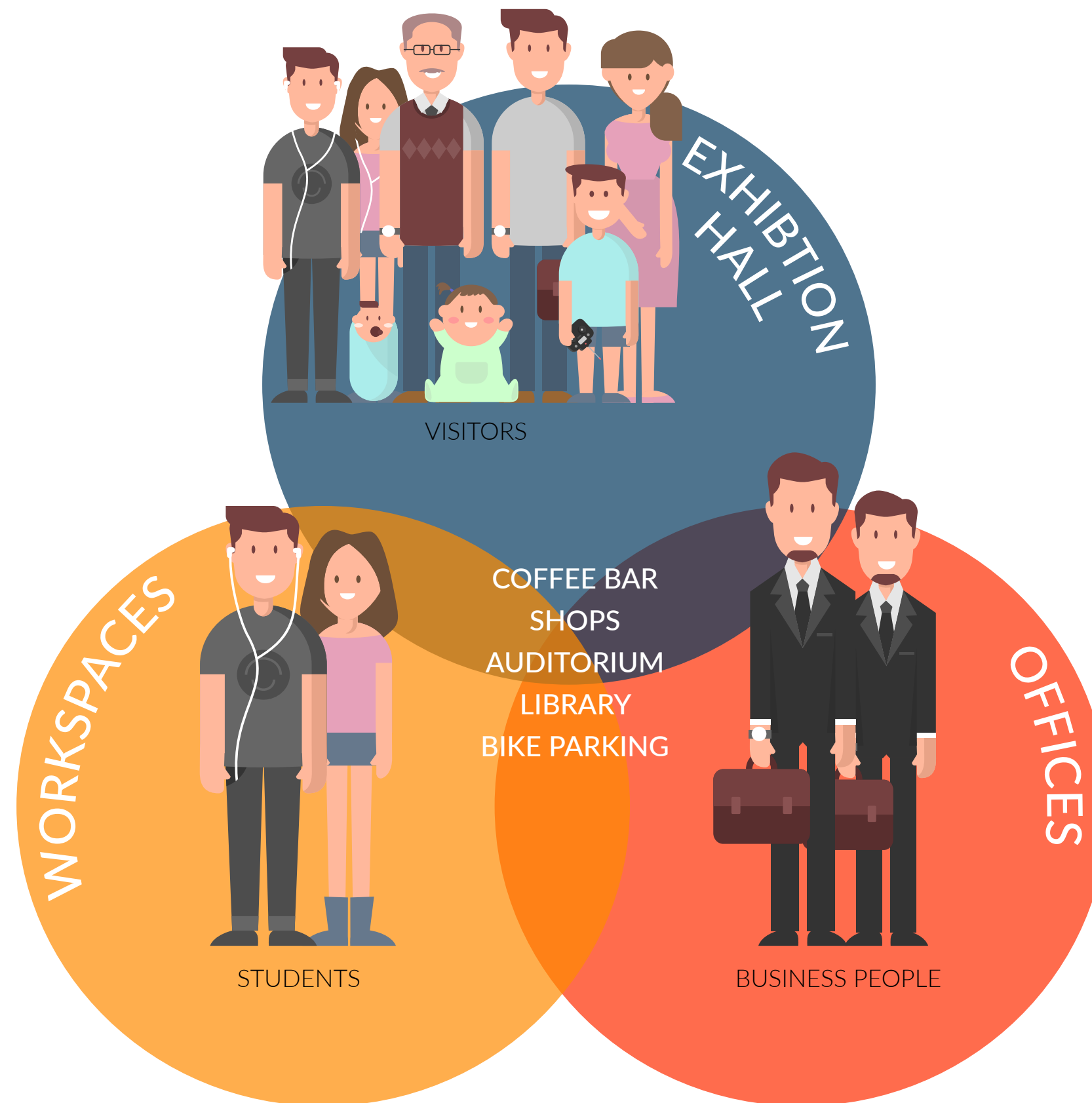
Work Expo  
*connection environment*





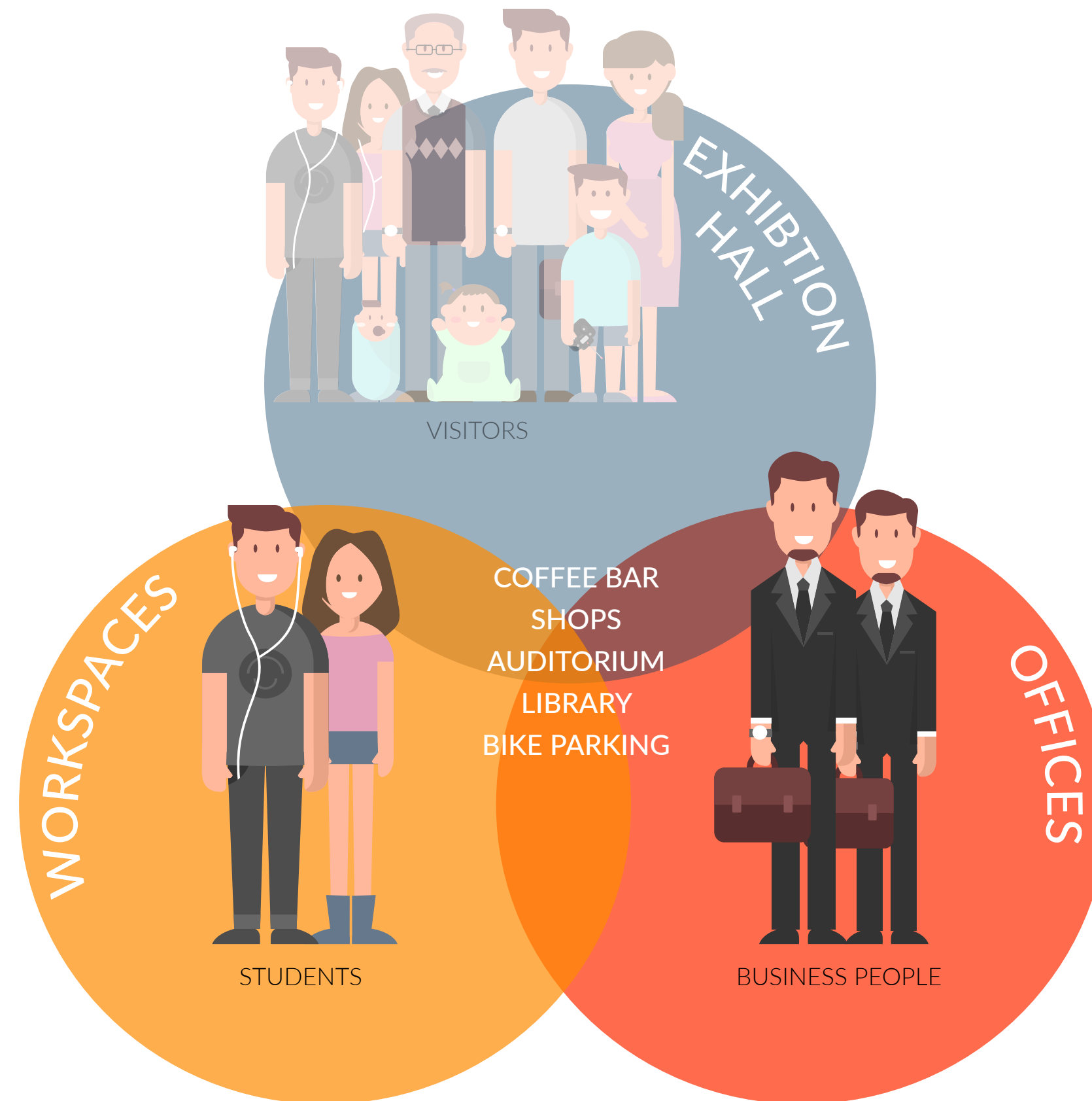
Impression  
*entrance*





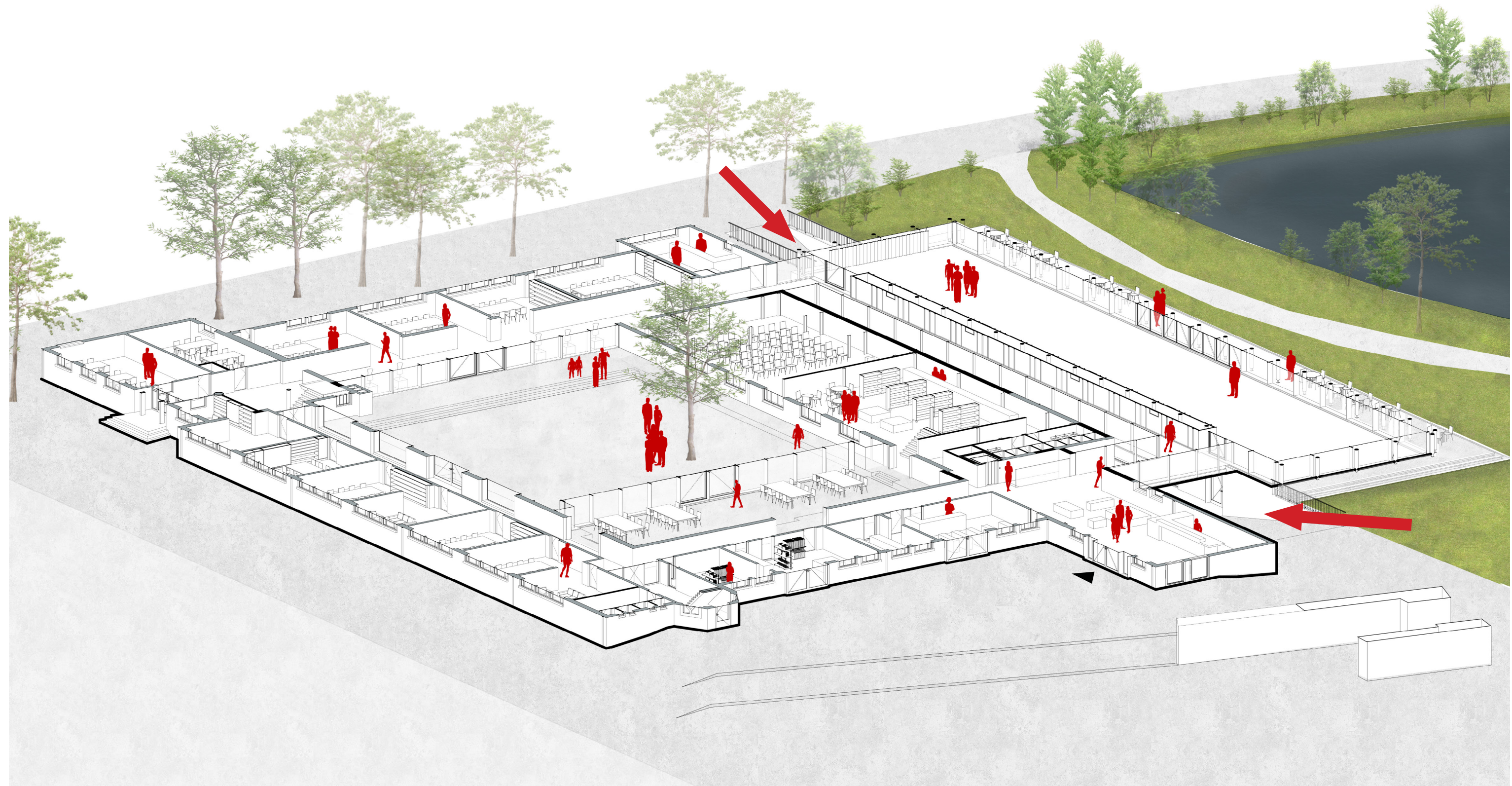
Function  
*based on dilemmas and demographics*





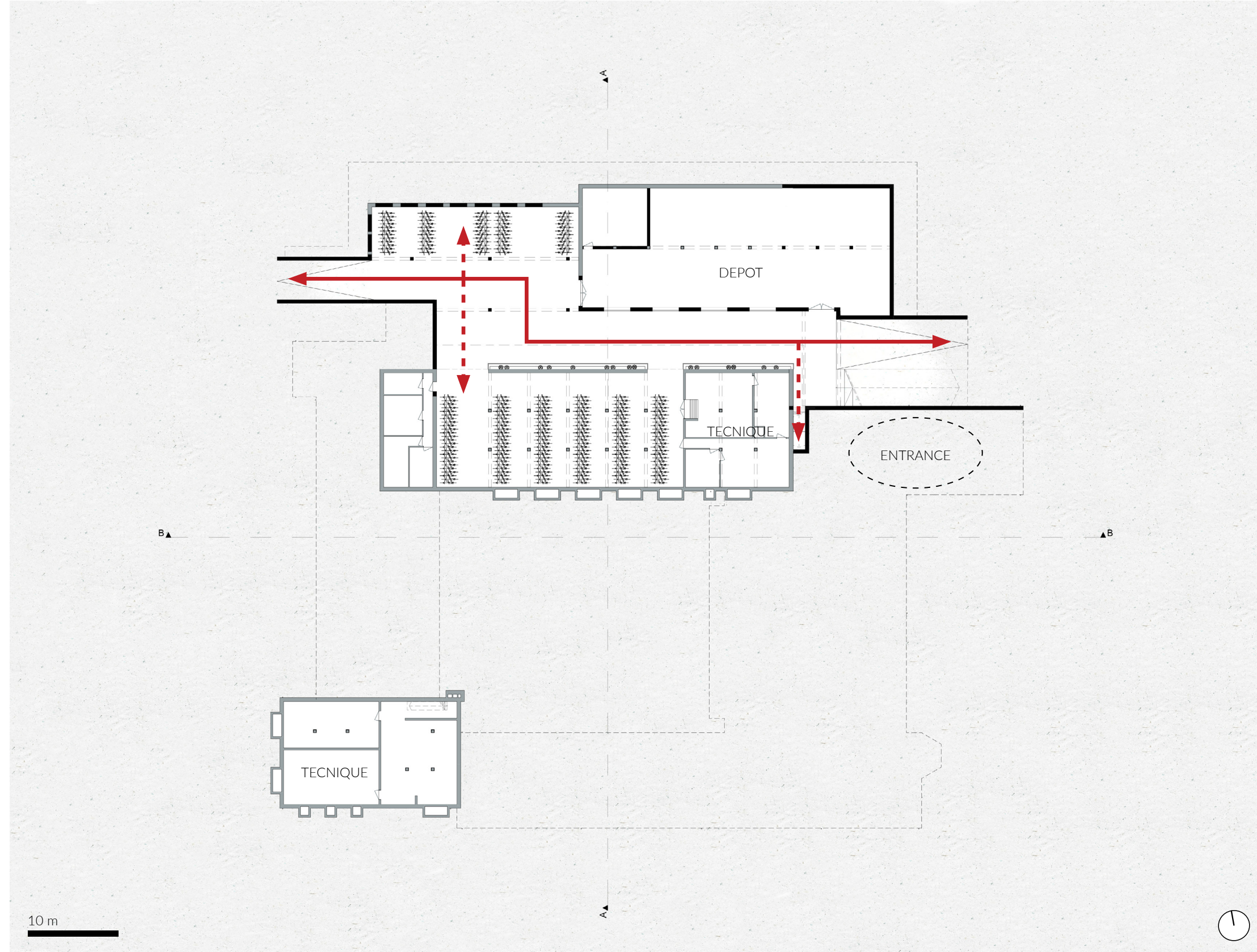
Function  
*based on dilemmas and demographics*





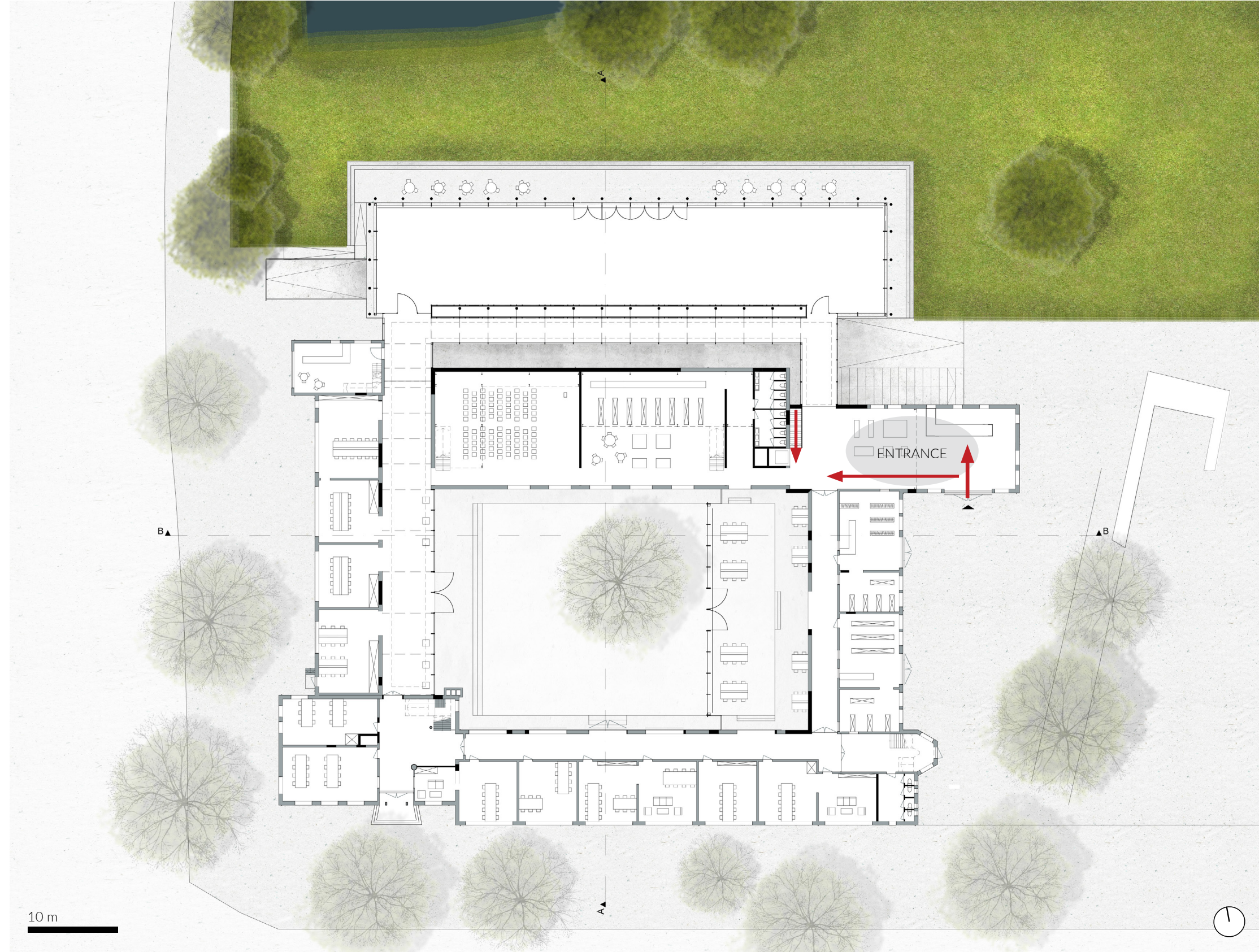
Ground floor  
*internal organisation*





Basement  
*bike parking*





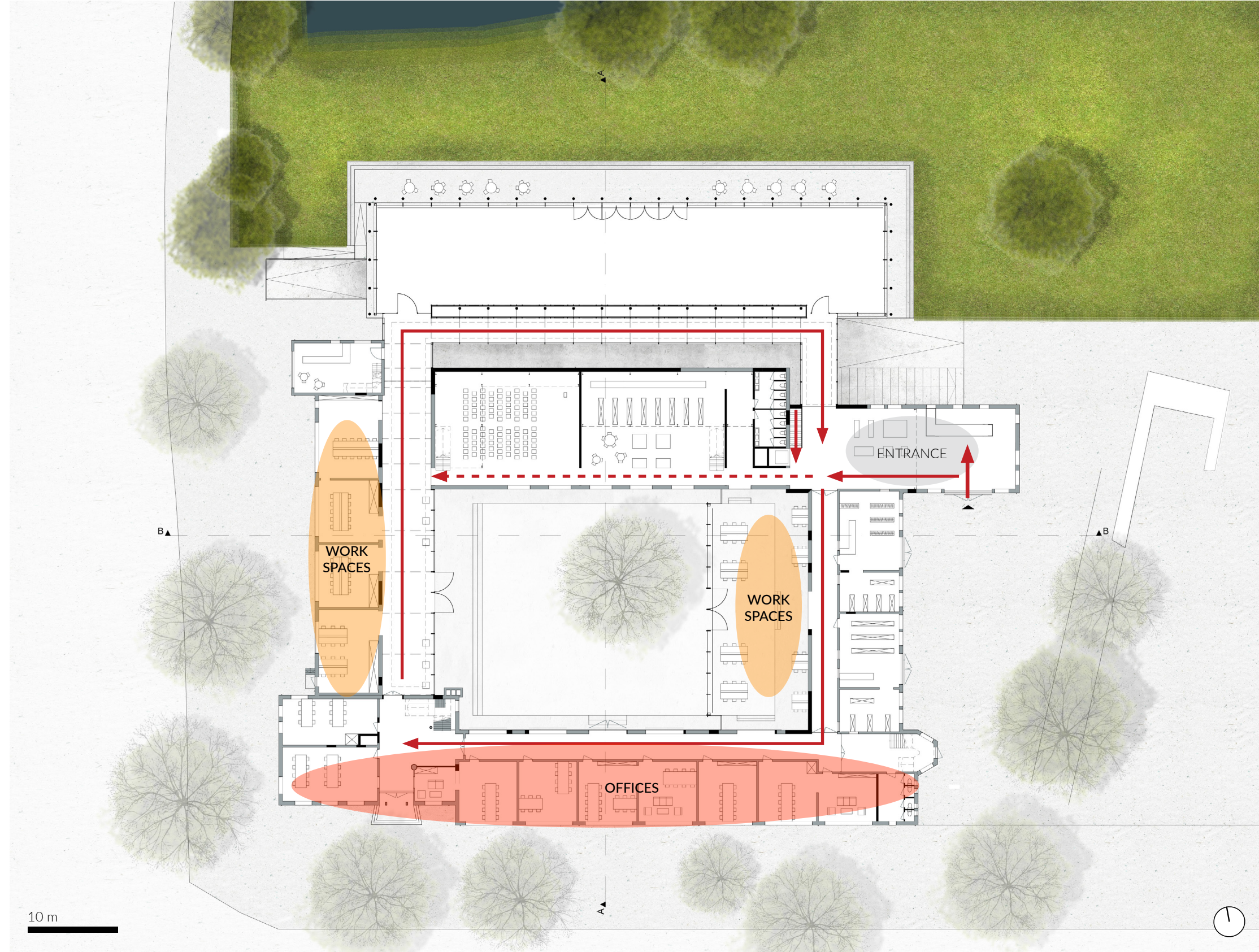
Ground floor  
*internal organisation*





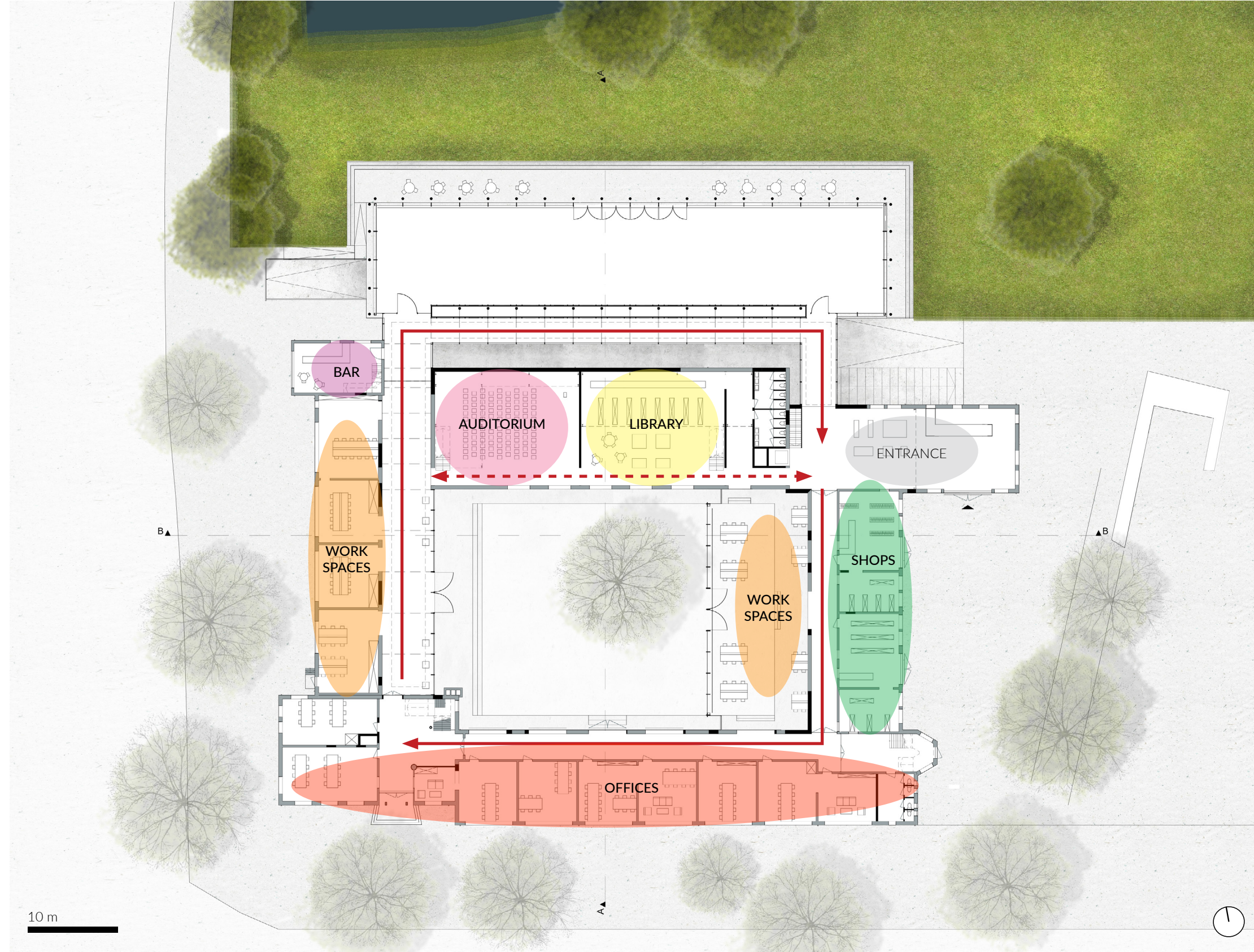
Impression  
*entrance*





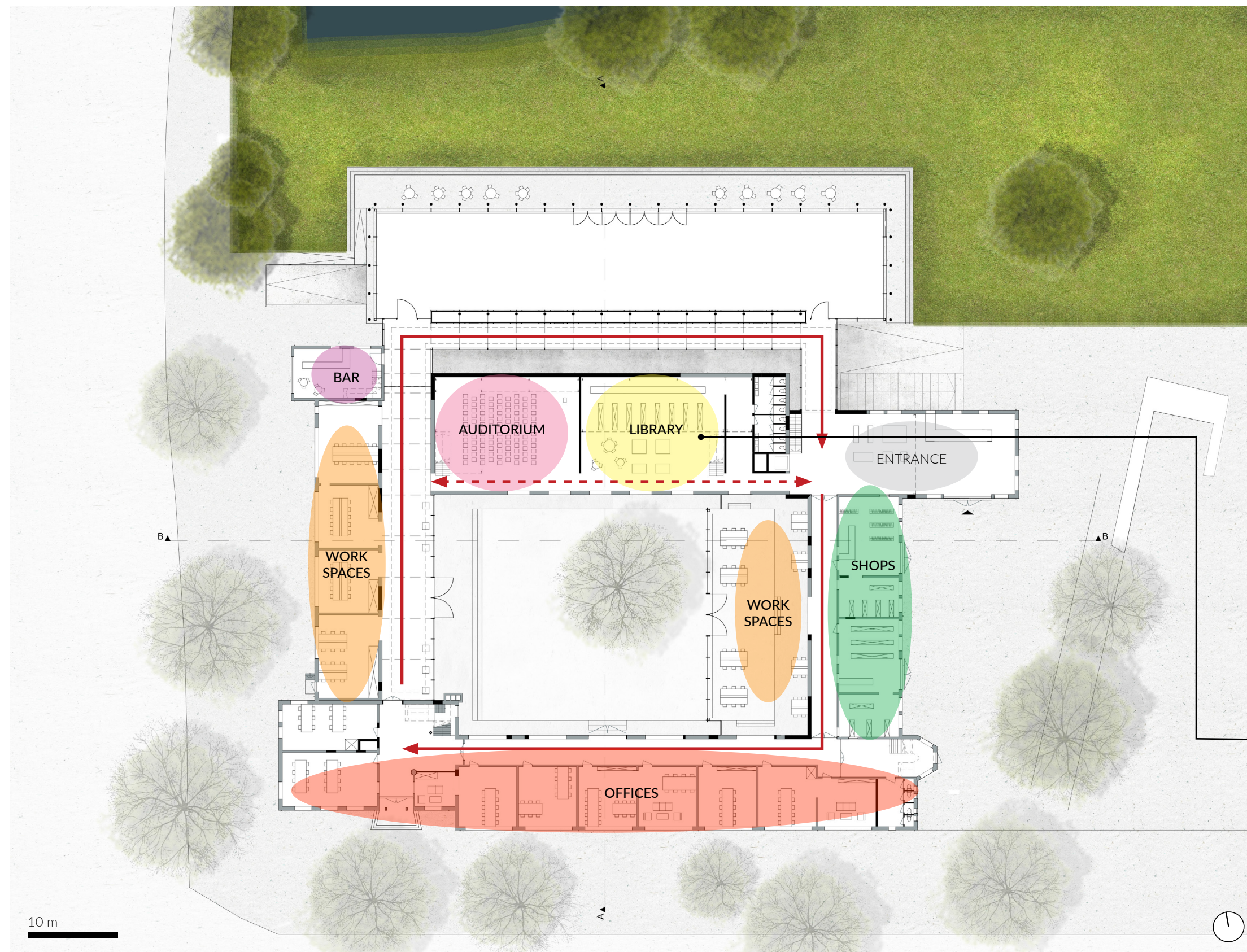
Ground floor  
*internal organisation*





Ground floor  
*internal organisation*





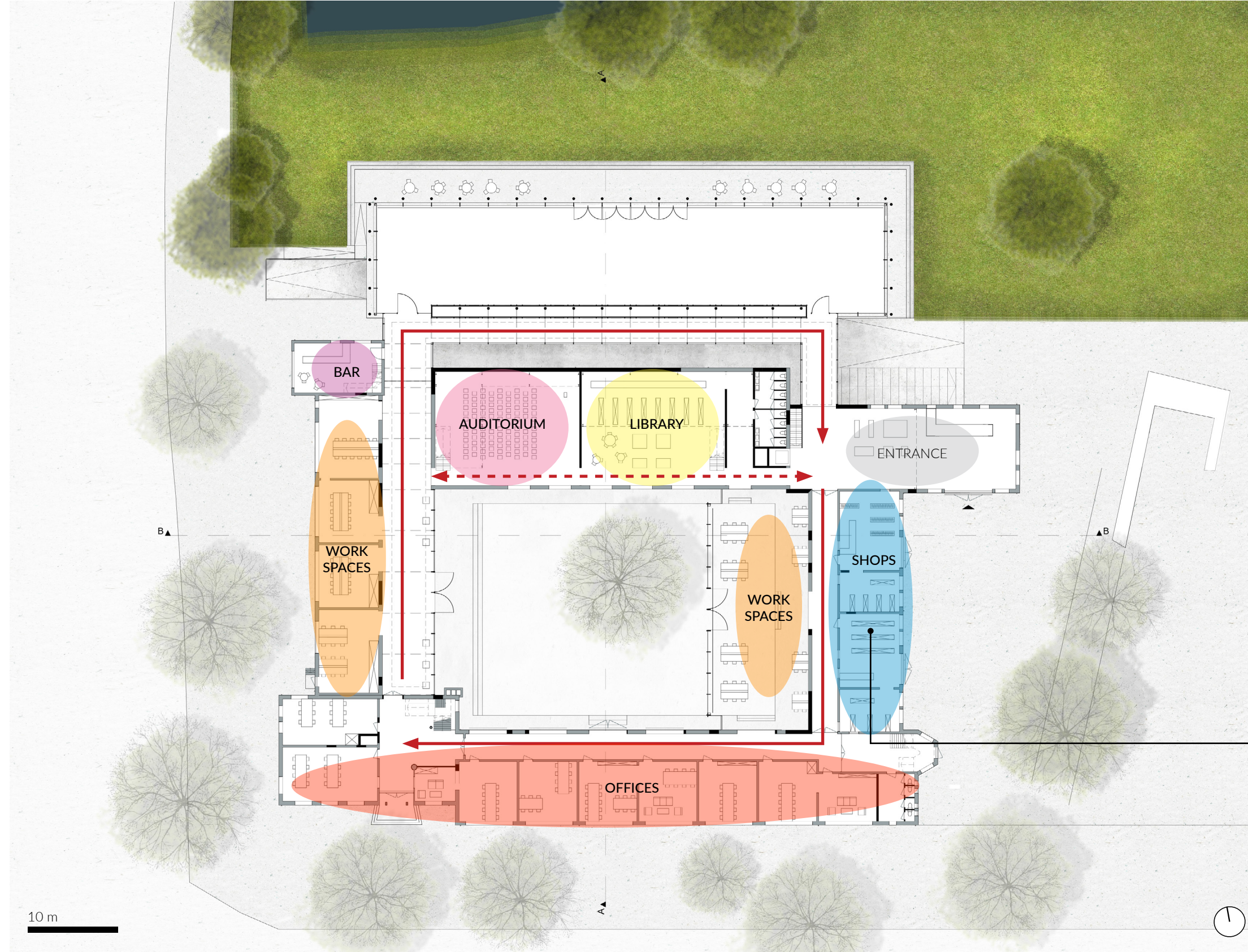
Ground floor  
*internal organisation*





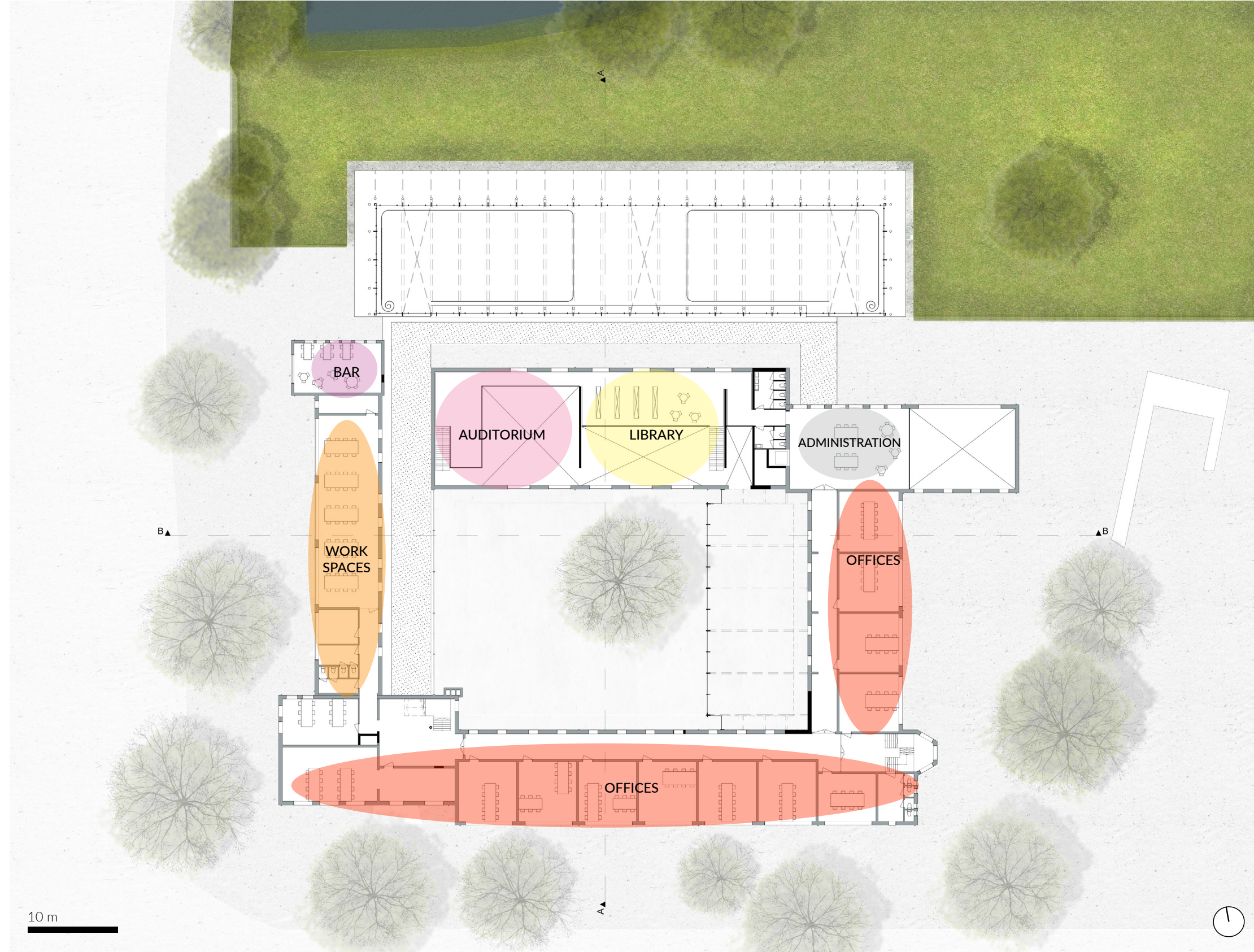
Library  
*inspiration*





Ground floor  
*internal organisation*





First floor  
*internal organisation*





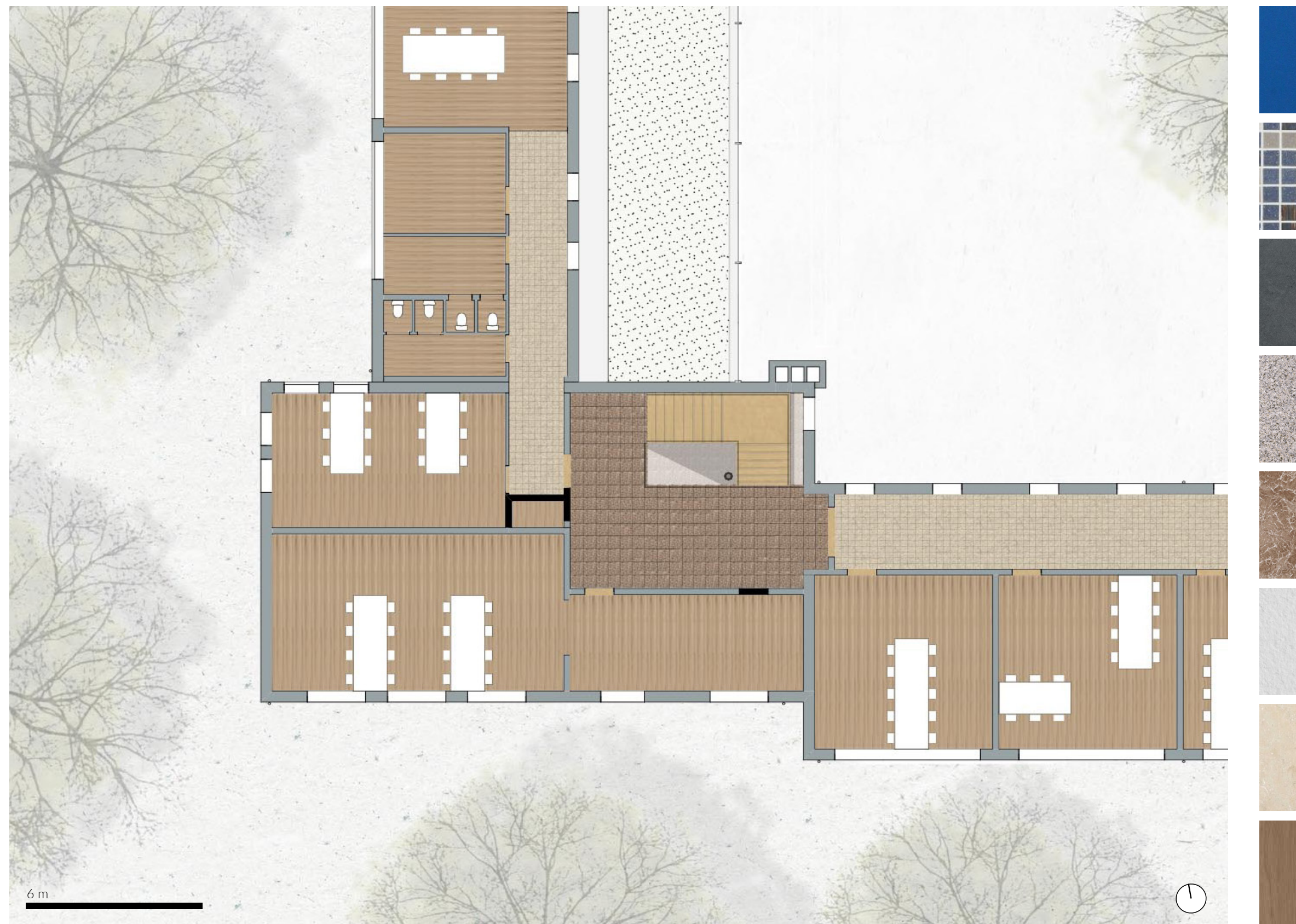




## Materials

50's atmosphere & new





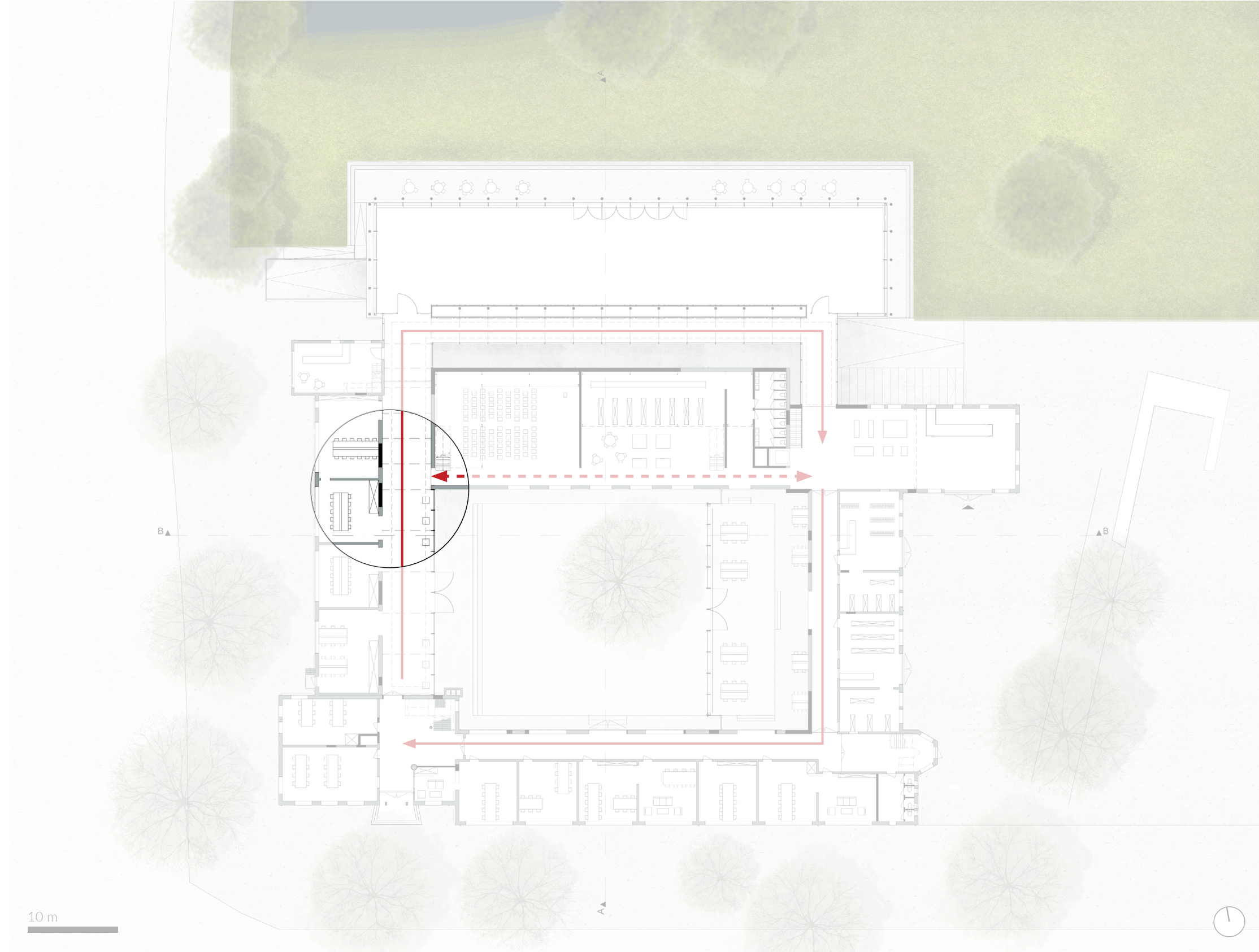
First floor  
*flooring*





Ground floor  
*flooring*





Ground floor  
*corridor*





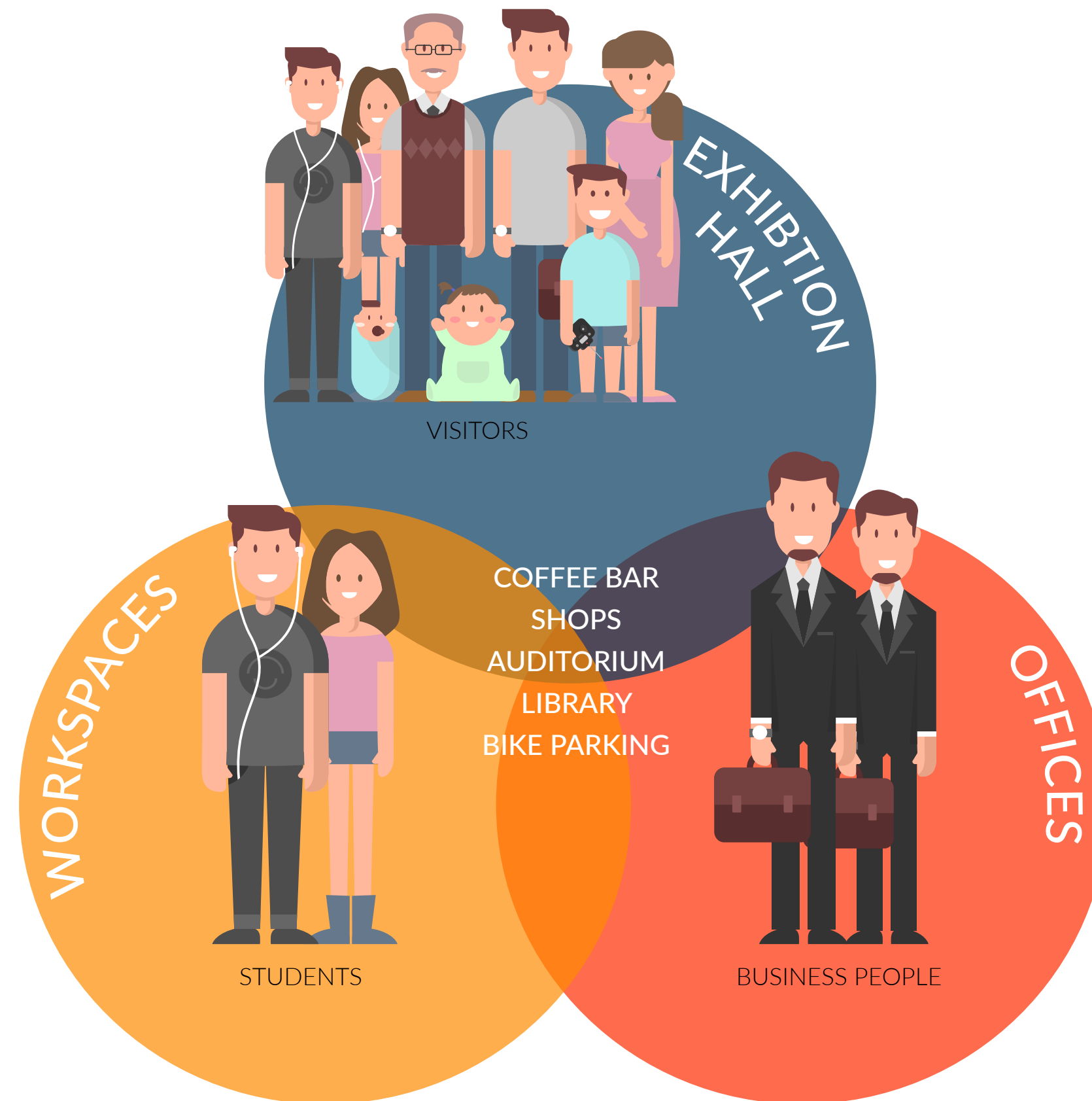
Section  
*corridor*





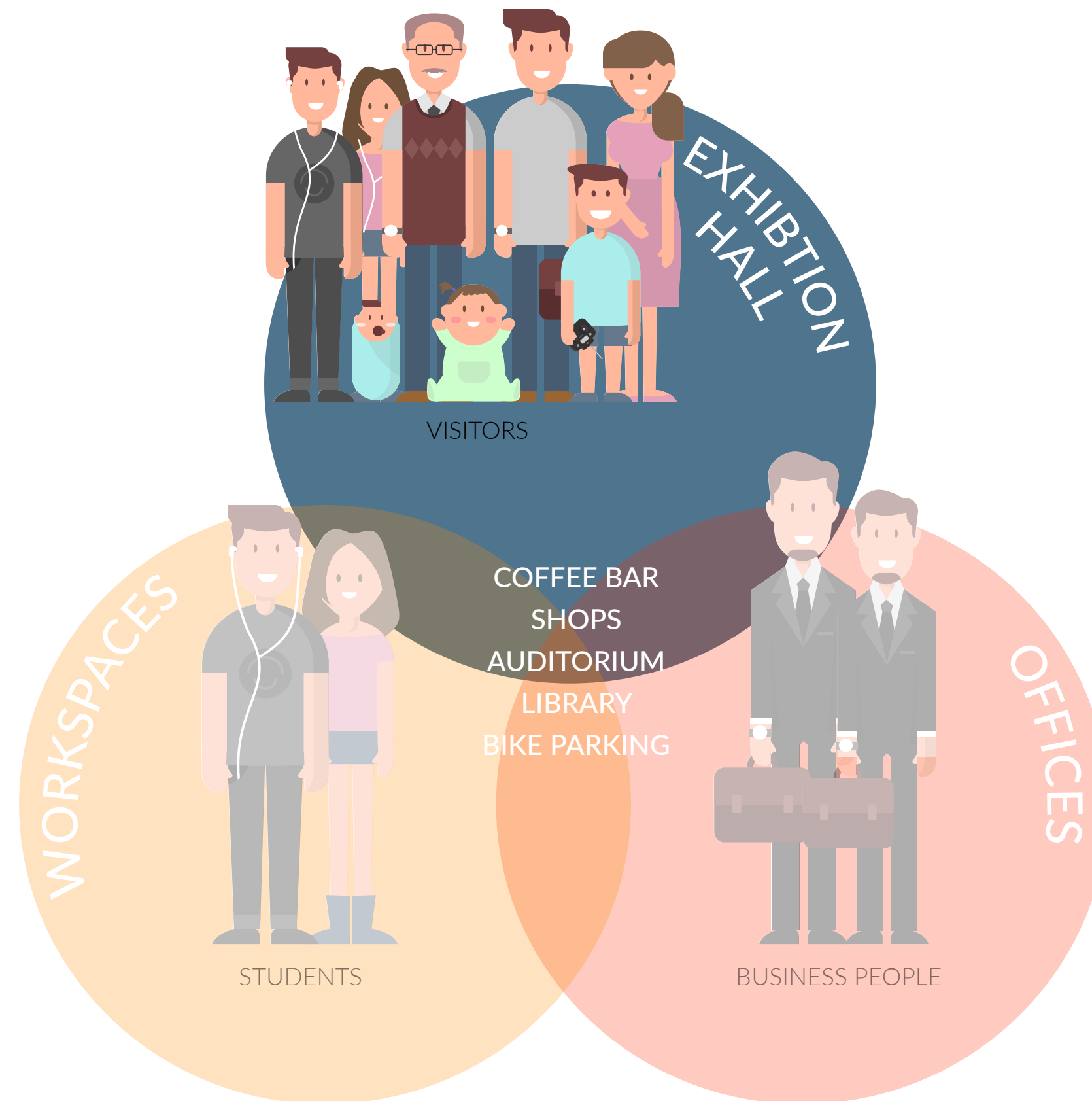
Section  
*corridor*





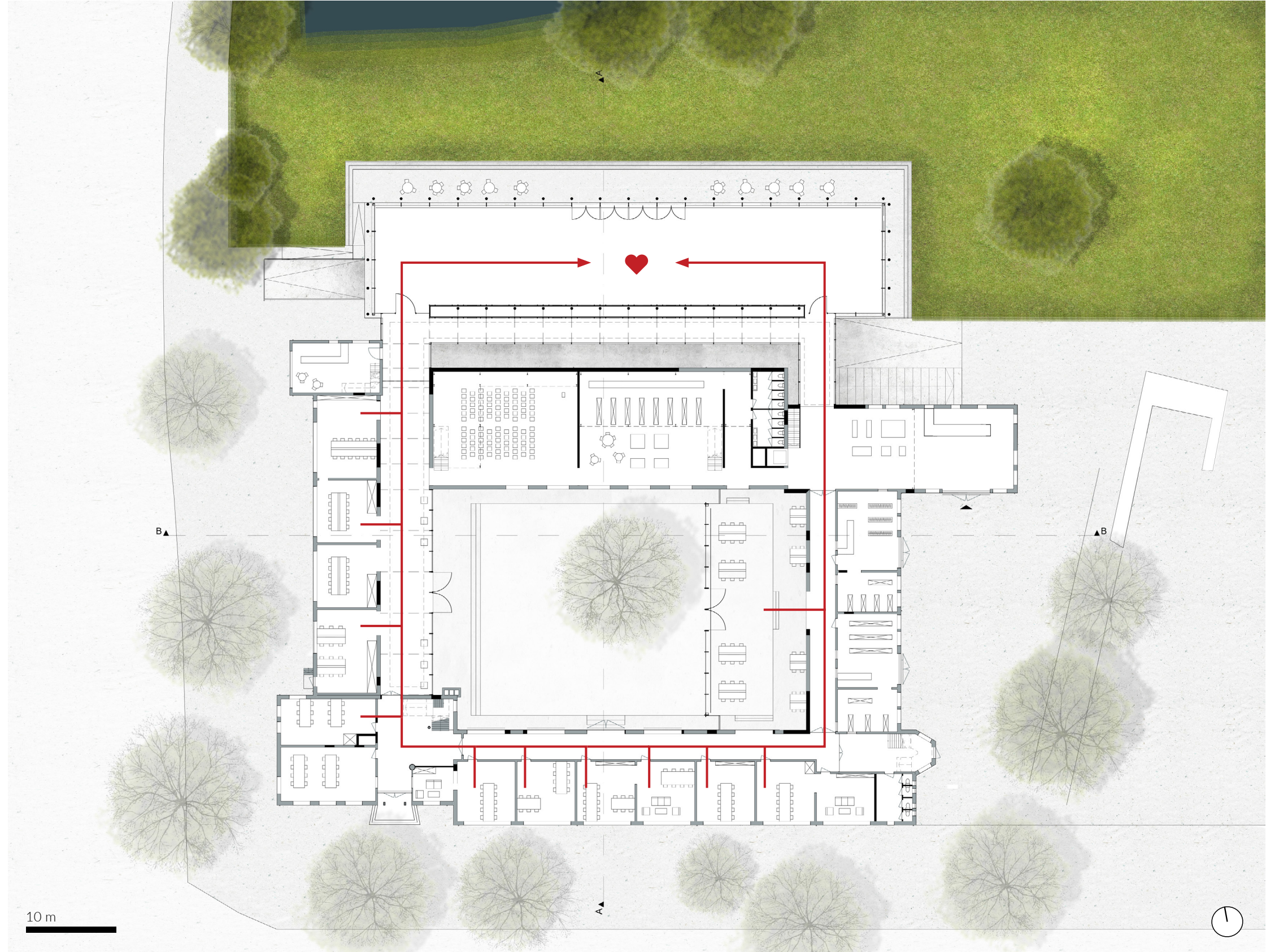
Function  
*based on dilemmas and demographics*





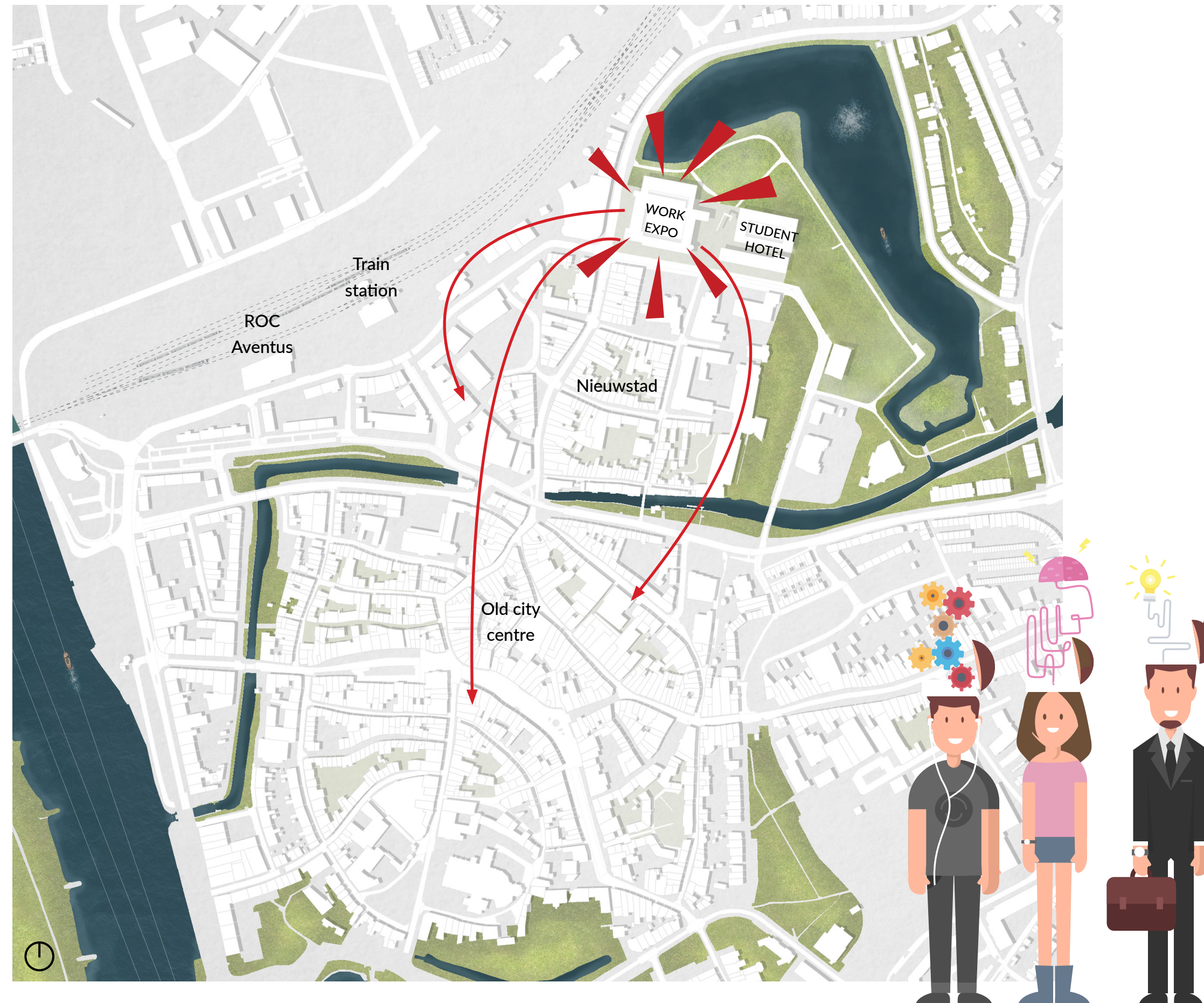
Function  
*based on dilemmas and demographics*





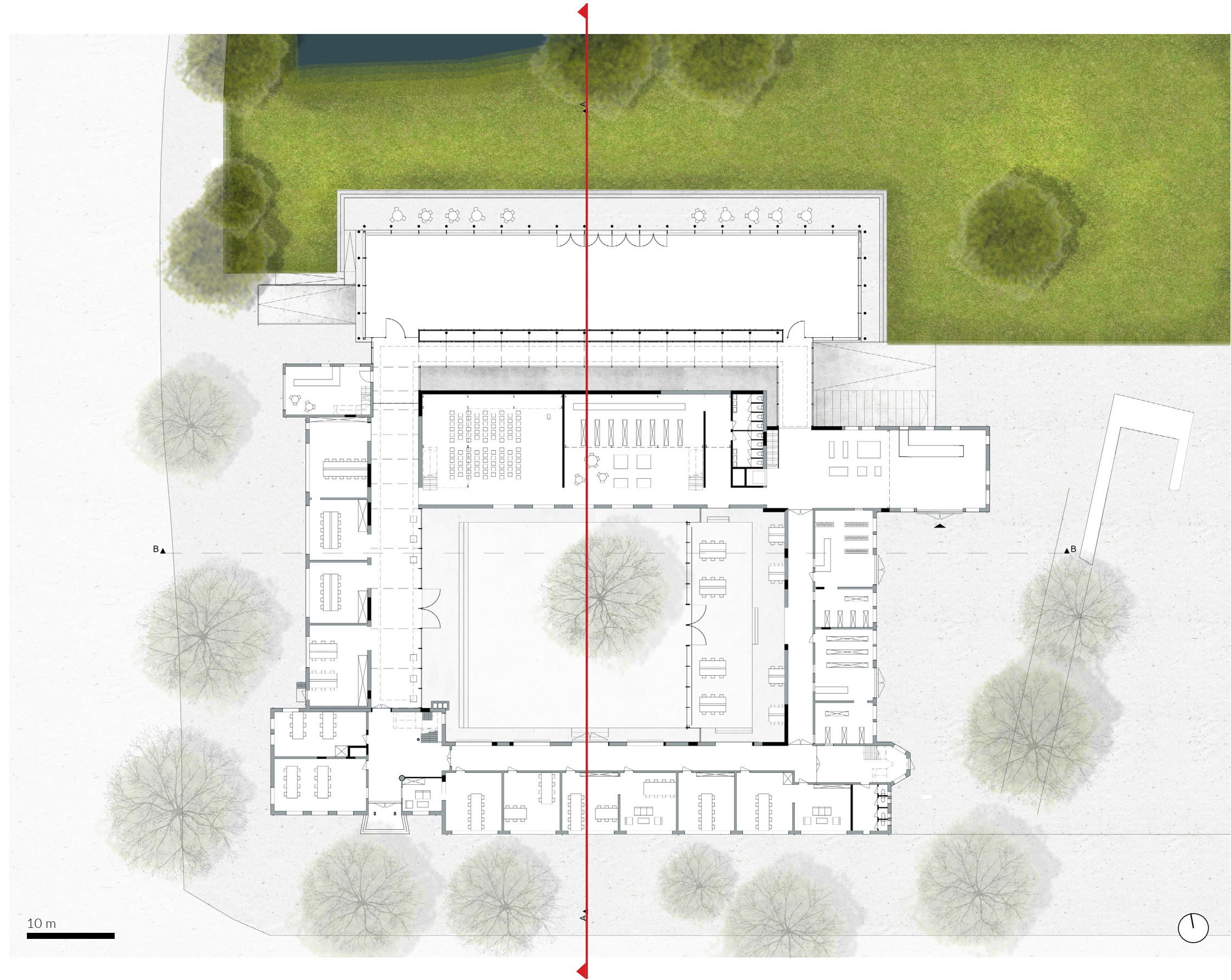
Ground floor  
*exhibition hall*





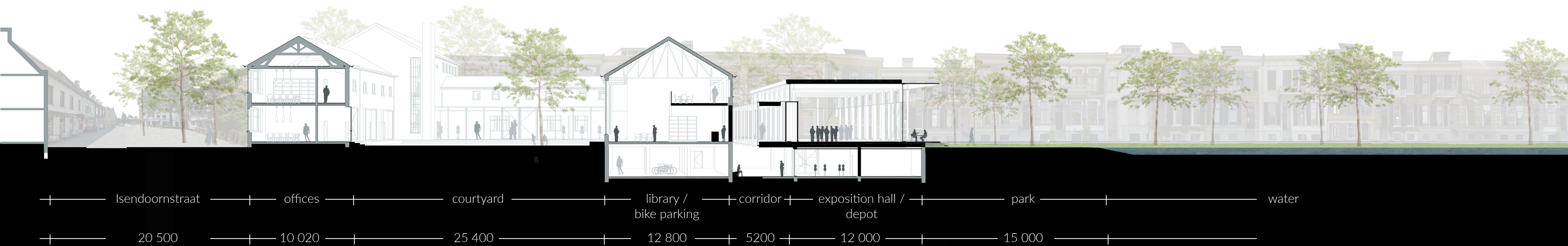
Zutphen  
*spreading the knowledge*





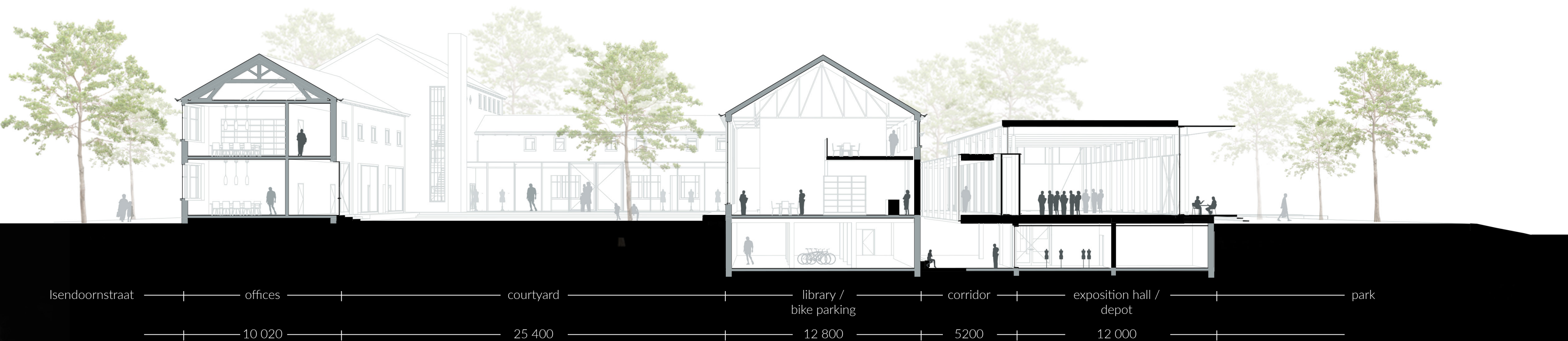
Ground floor  
*exhibition hall*





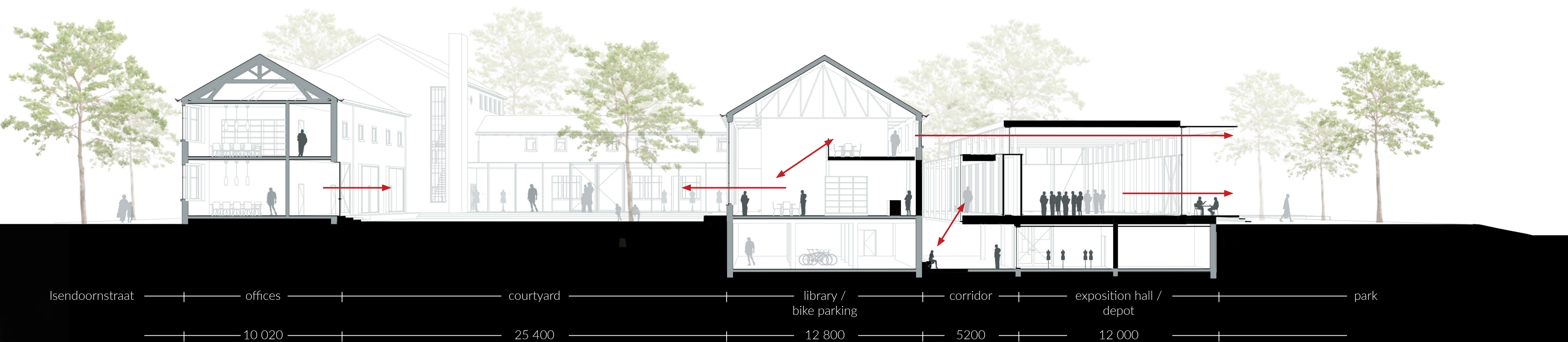
Section  
*Isendoornstraat - park*





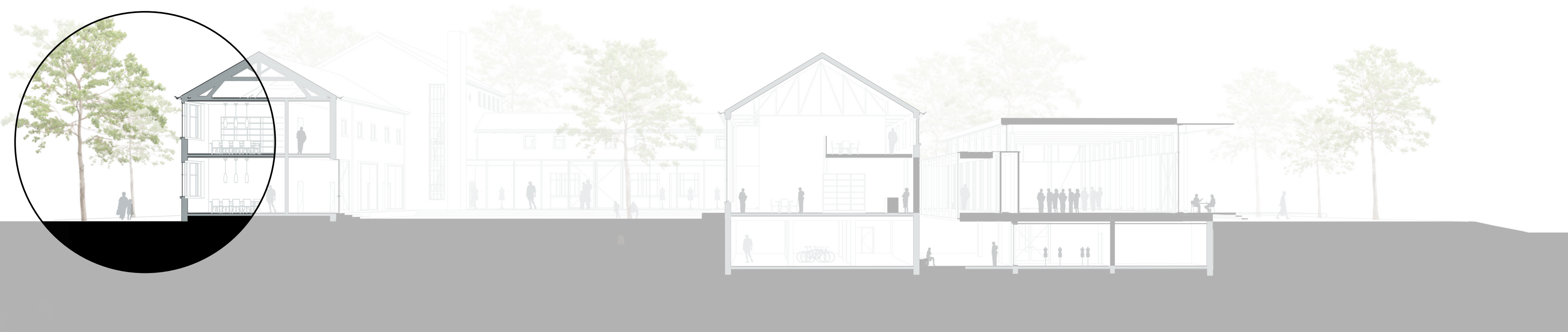
Section  
*Isendoornstraat - park*





Section  
*relations*





Section  
*South facade*





Section  
*historical plotline*





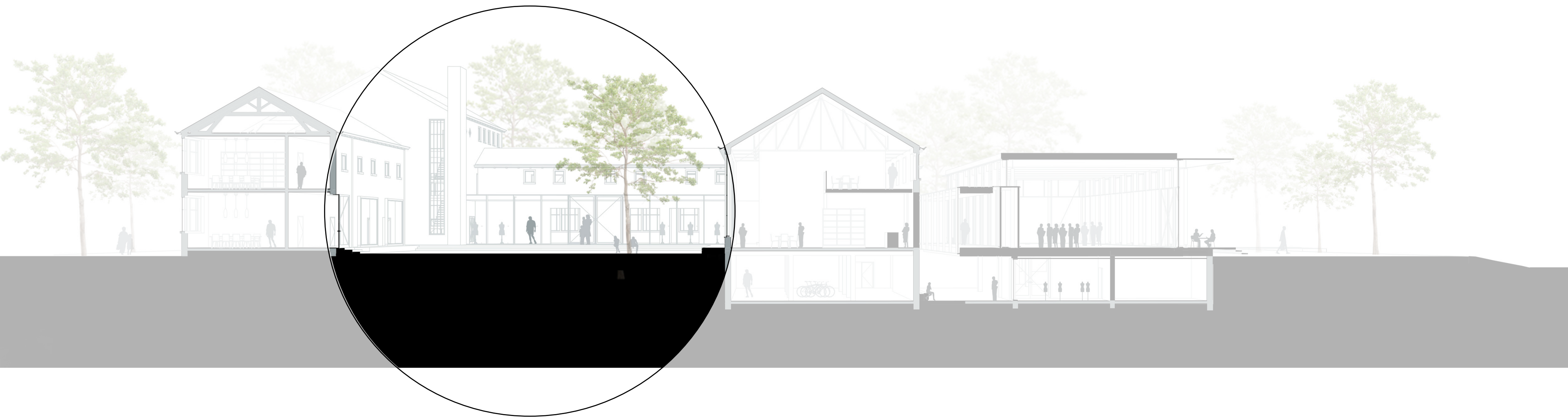
Section  
*insulation*





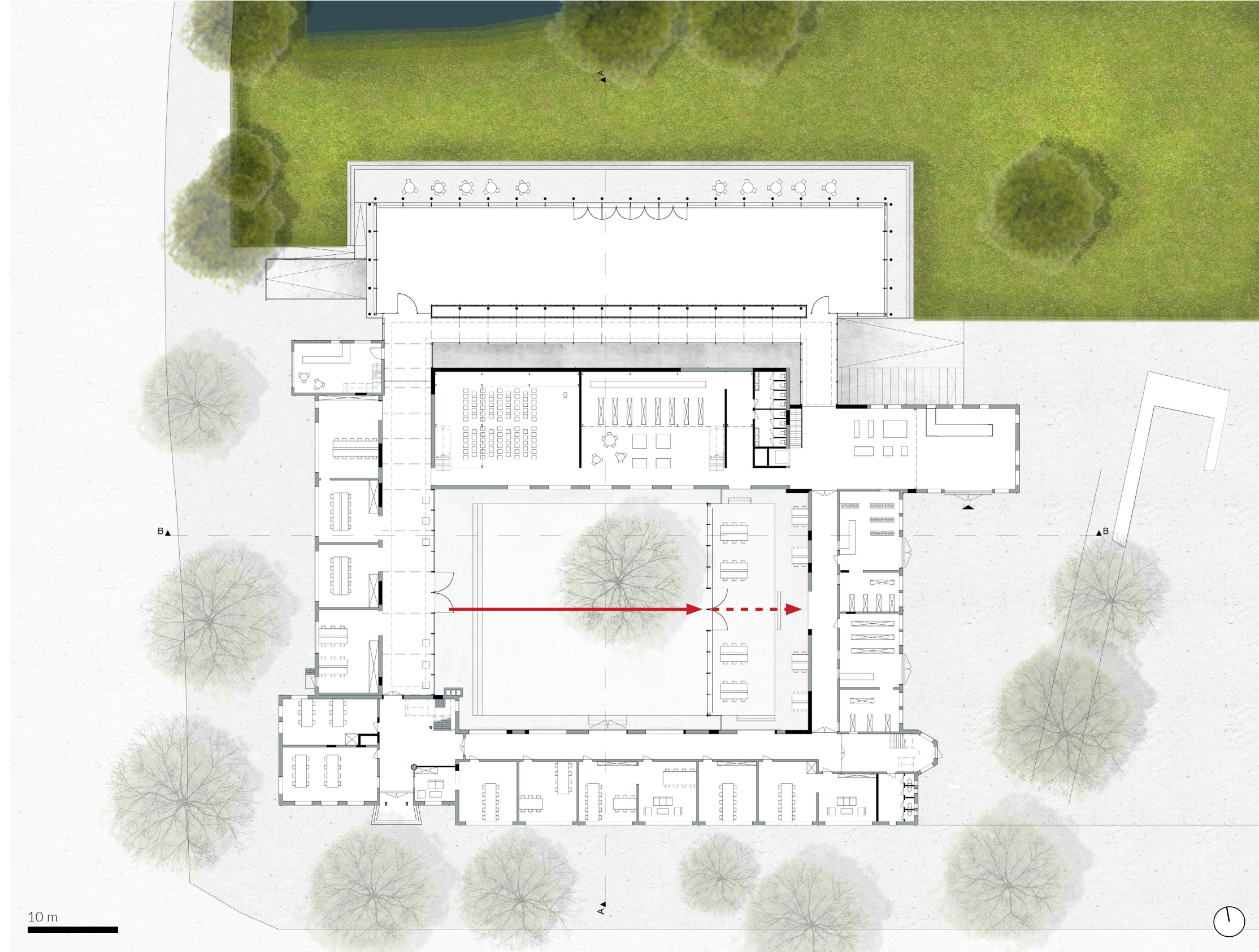
Section  
*ventilation*





Section  
*courtyard*





Ground floor  
*courtyard*





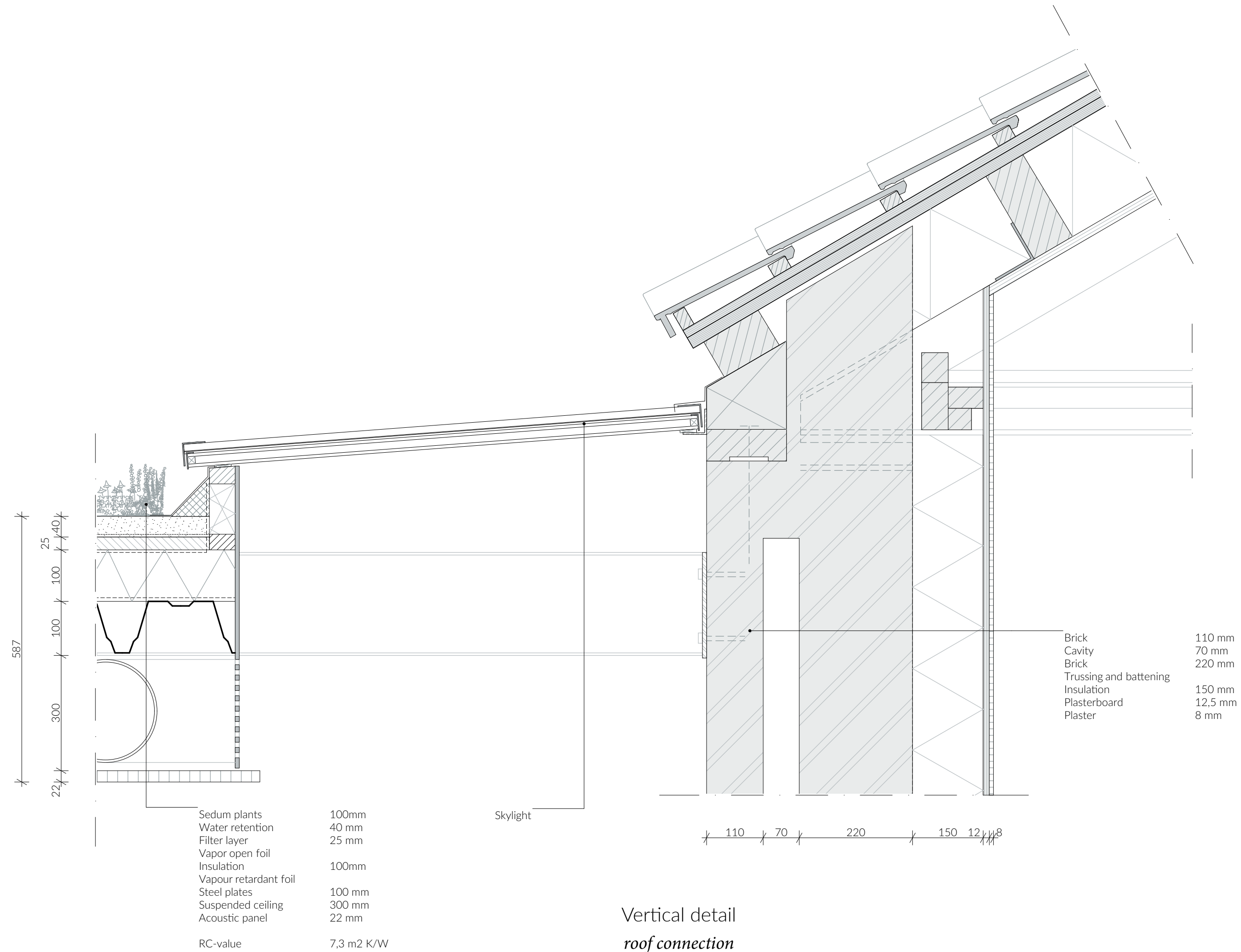
Impression  
*courtyard*





Impression  
*courtyard*





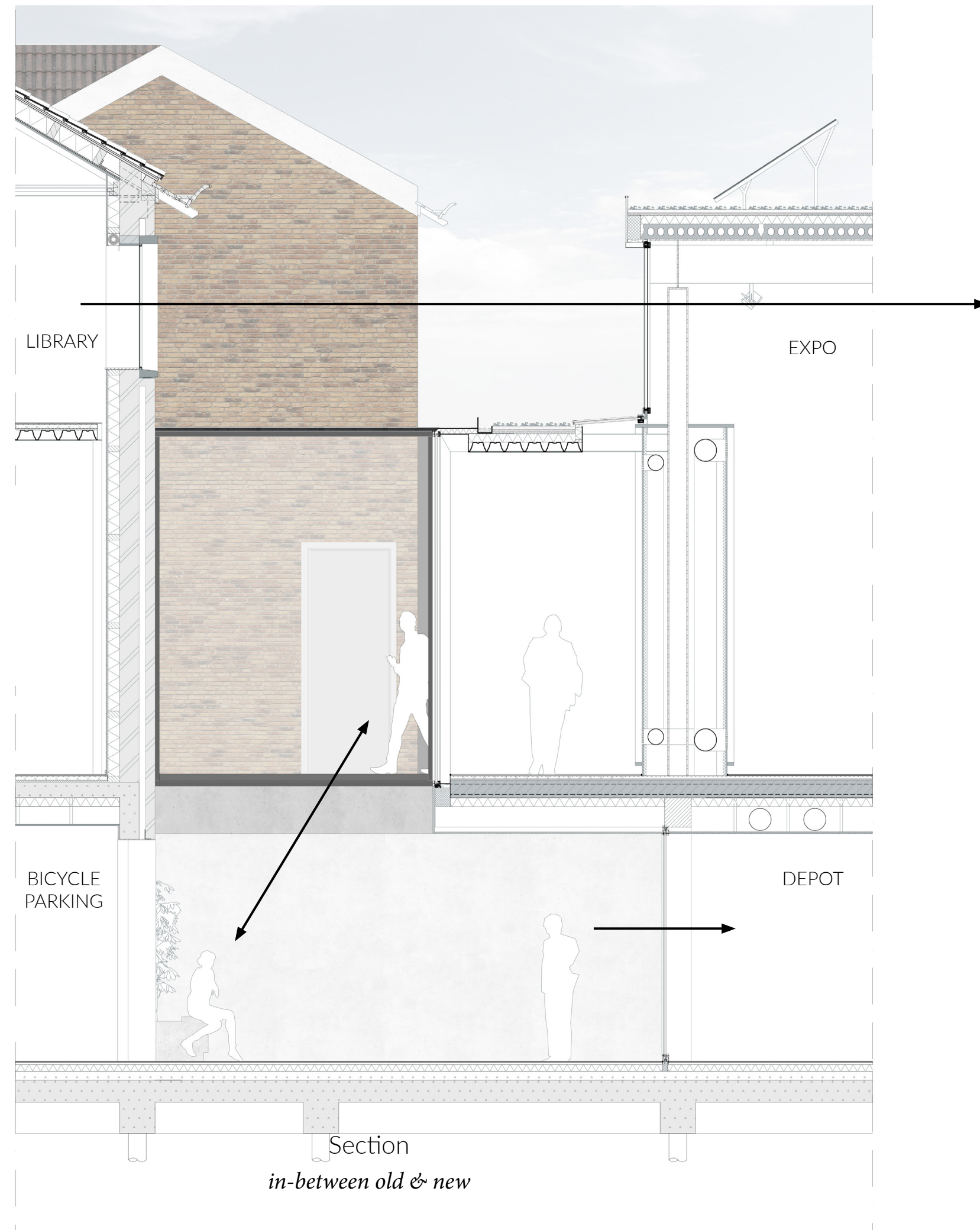
Vertical detail  
*roof connection*



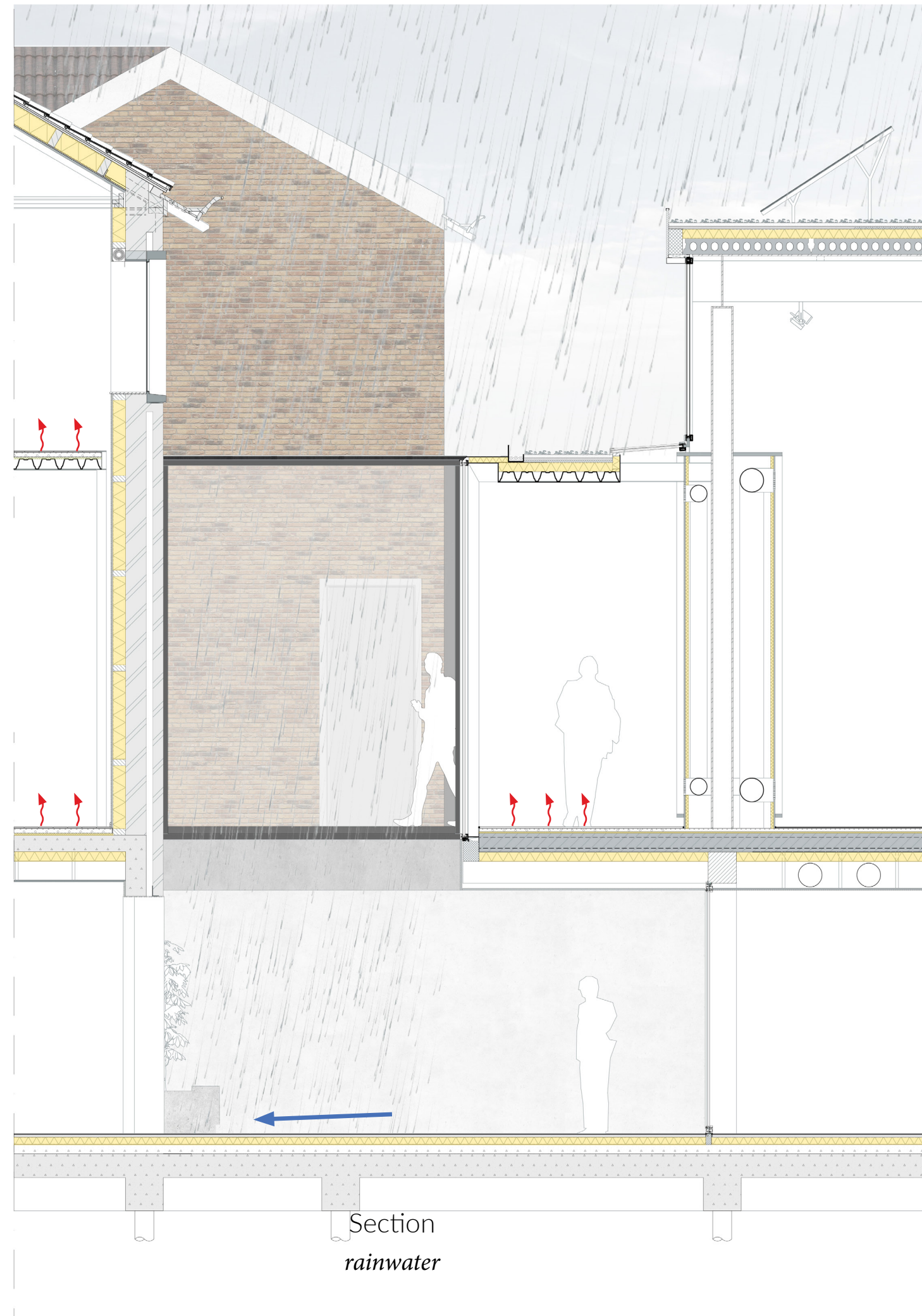


Section  
*in-between old & new*

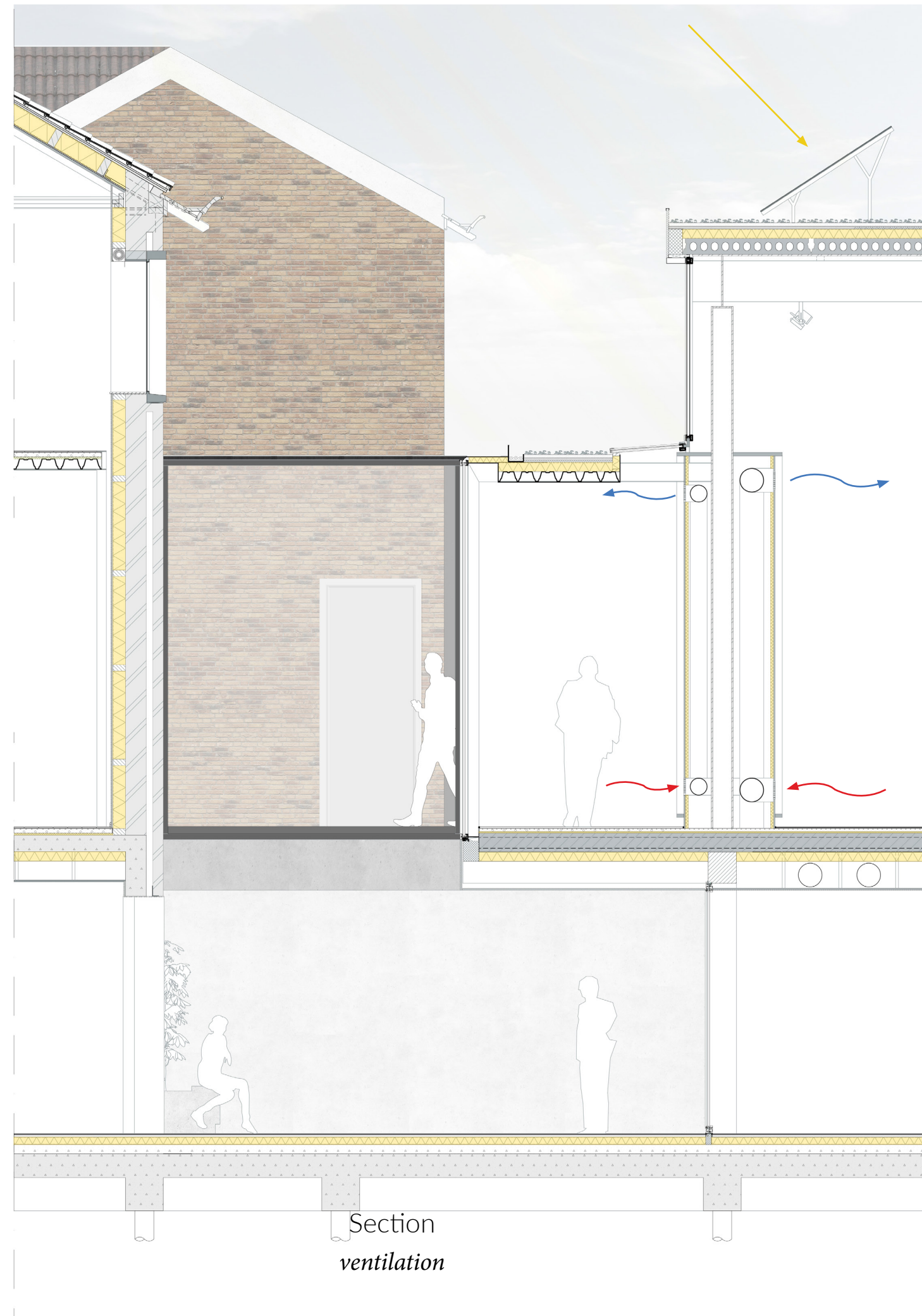




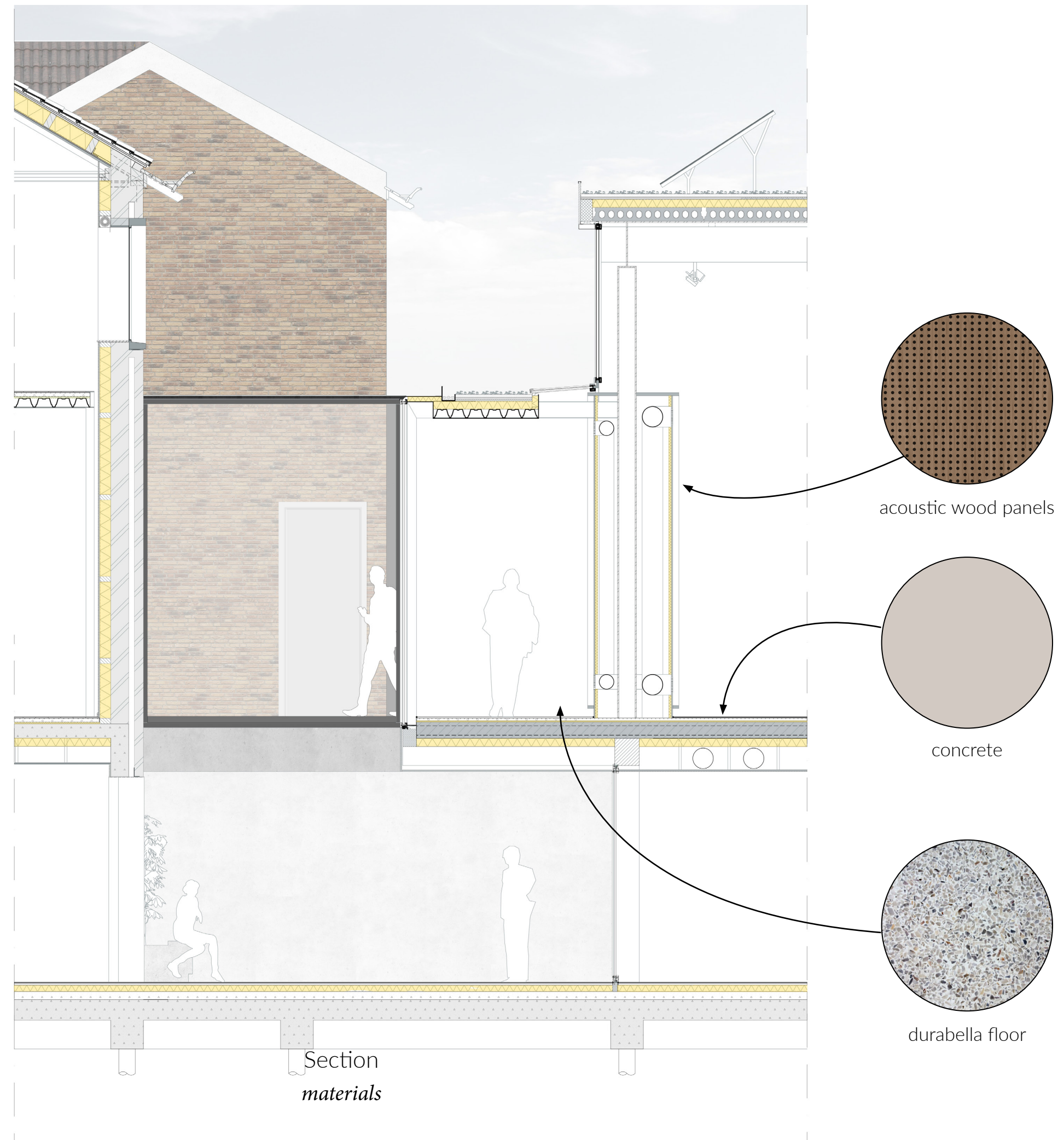




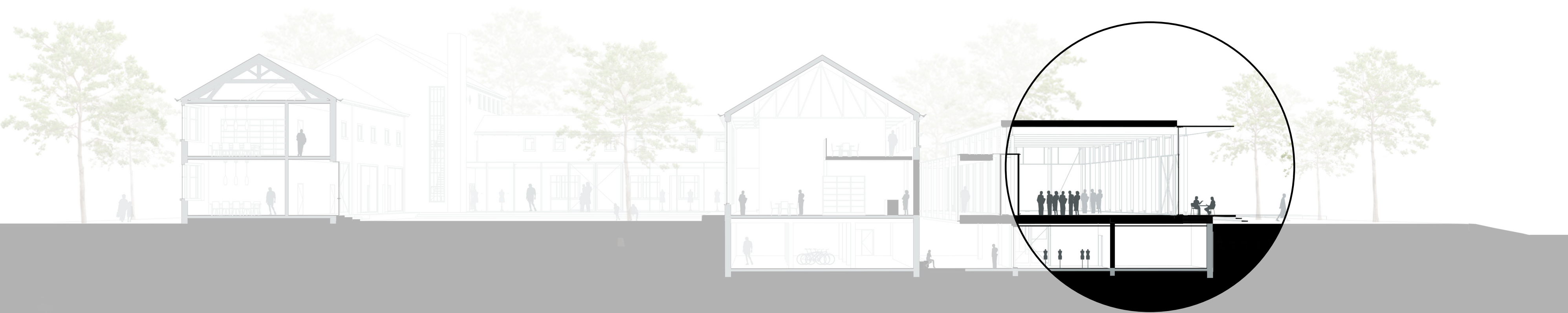






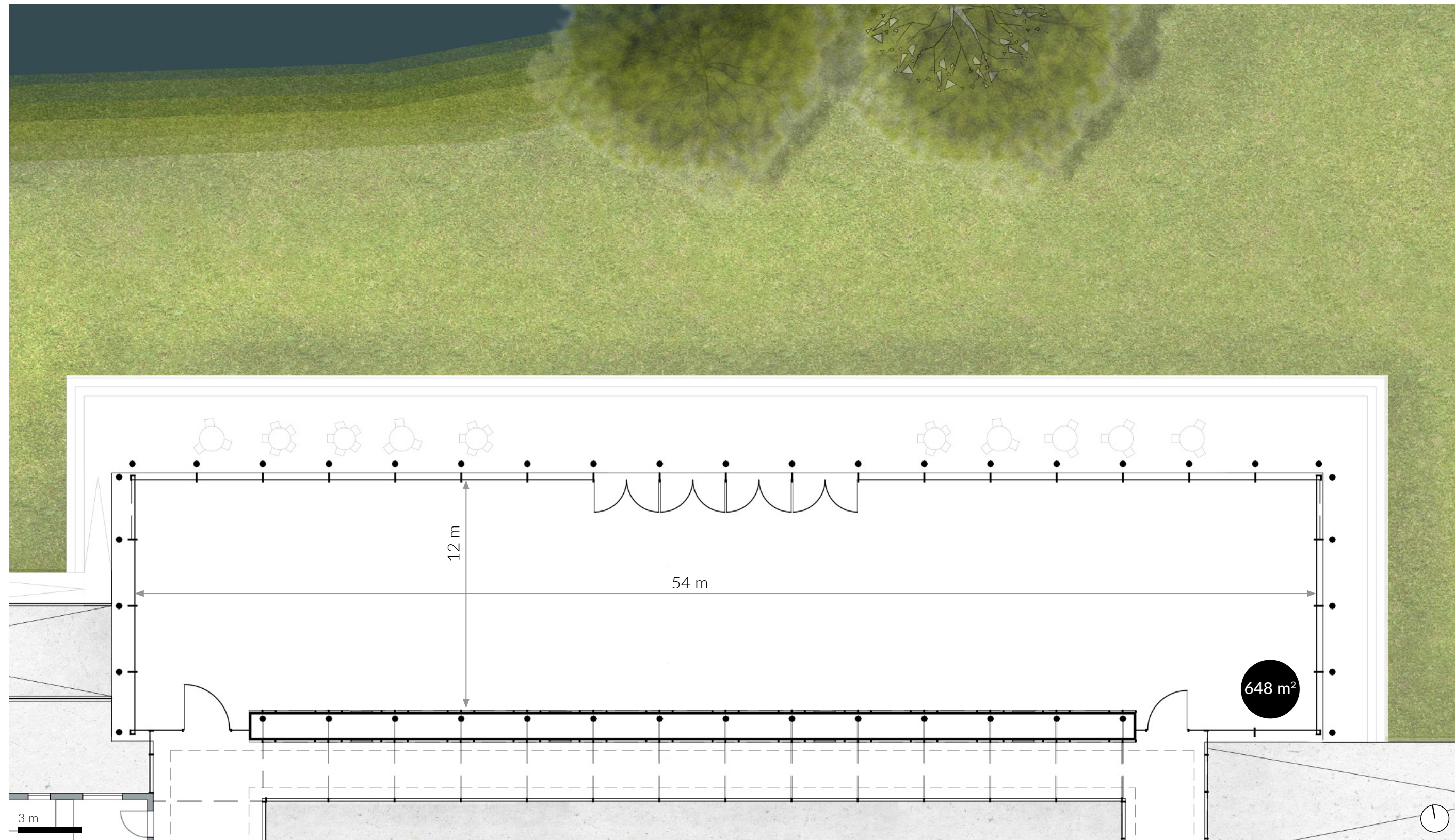






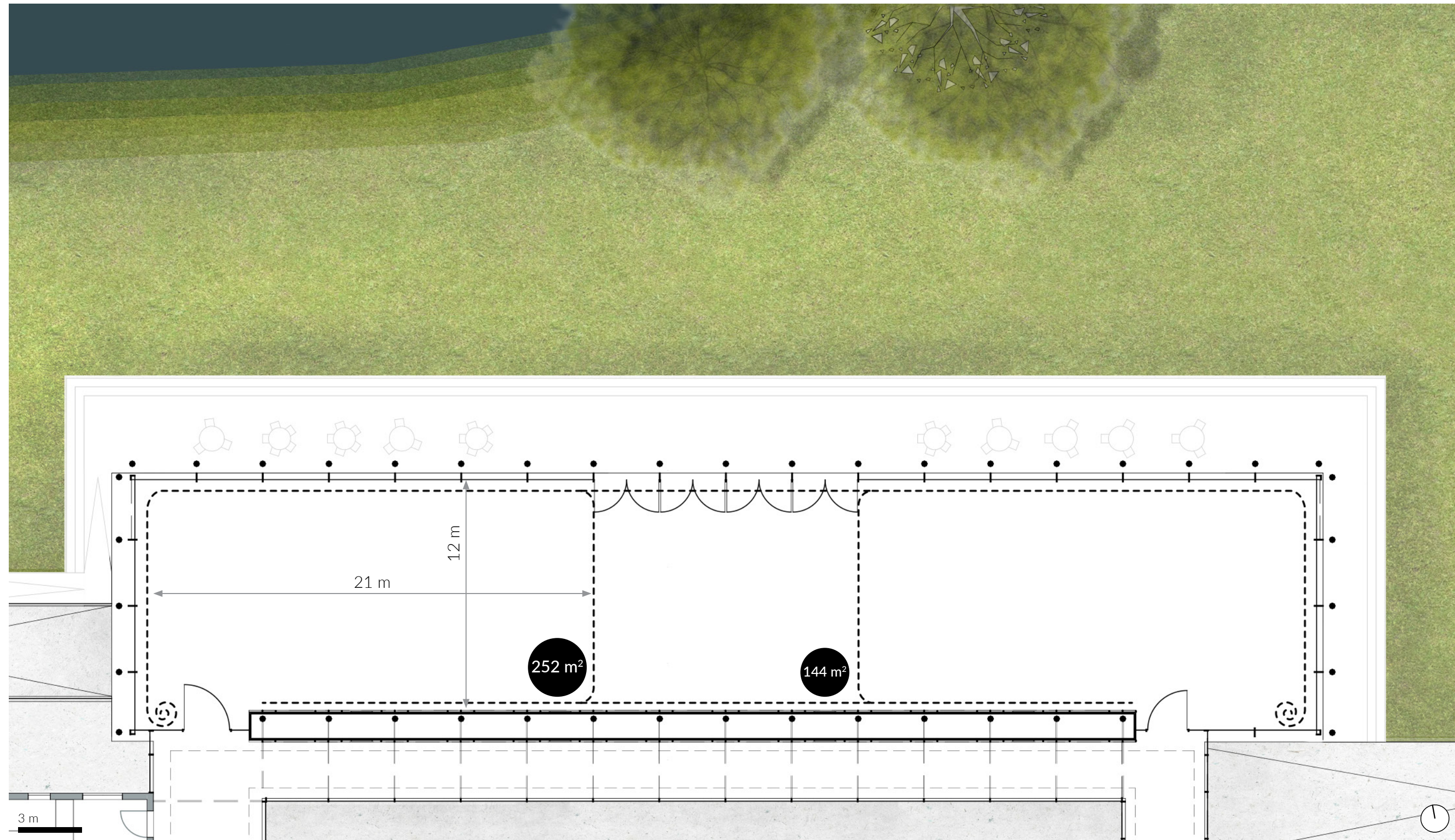
Section  
*exposition hall*





Ground floor  
*exhibition hall*





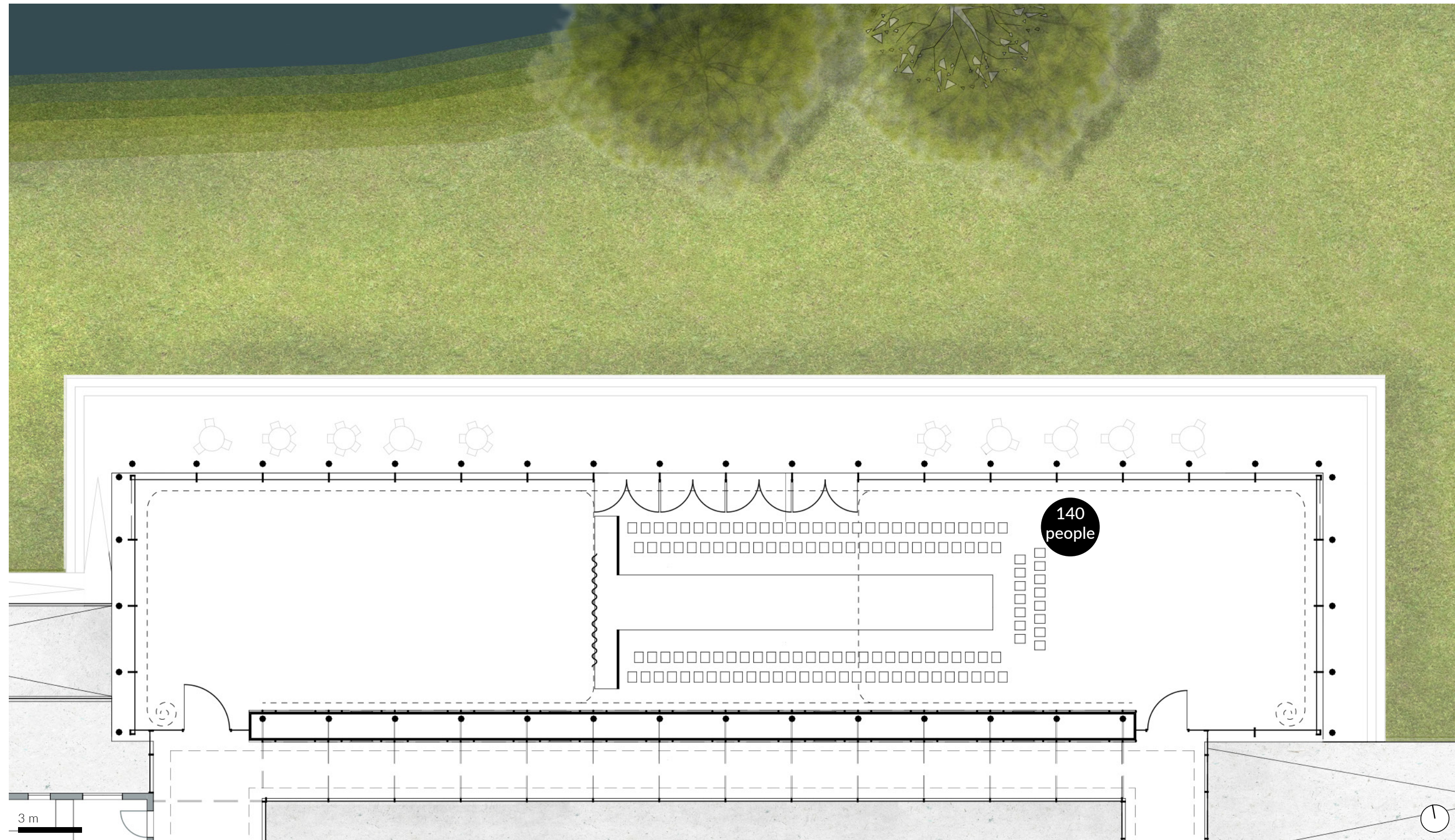
Ground floor  
*curtains*





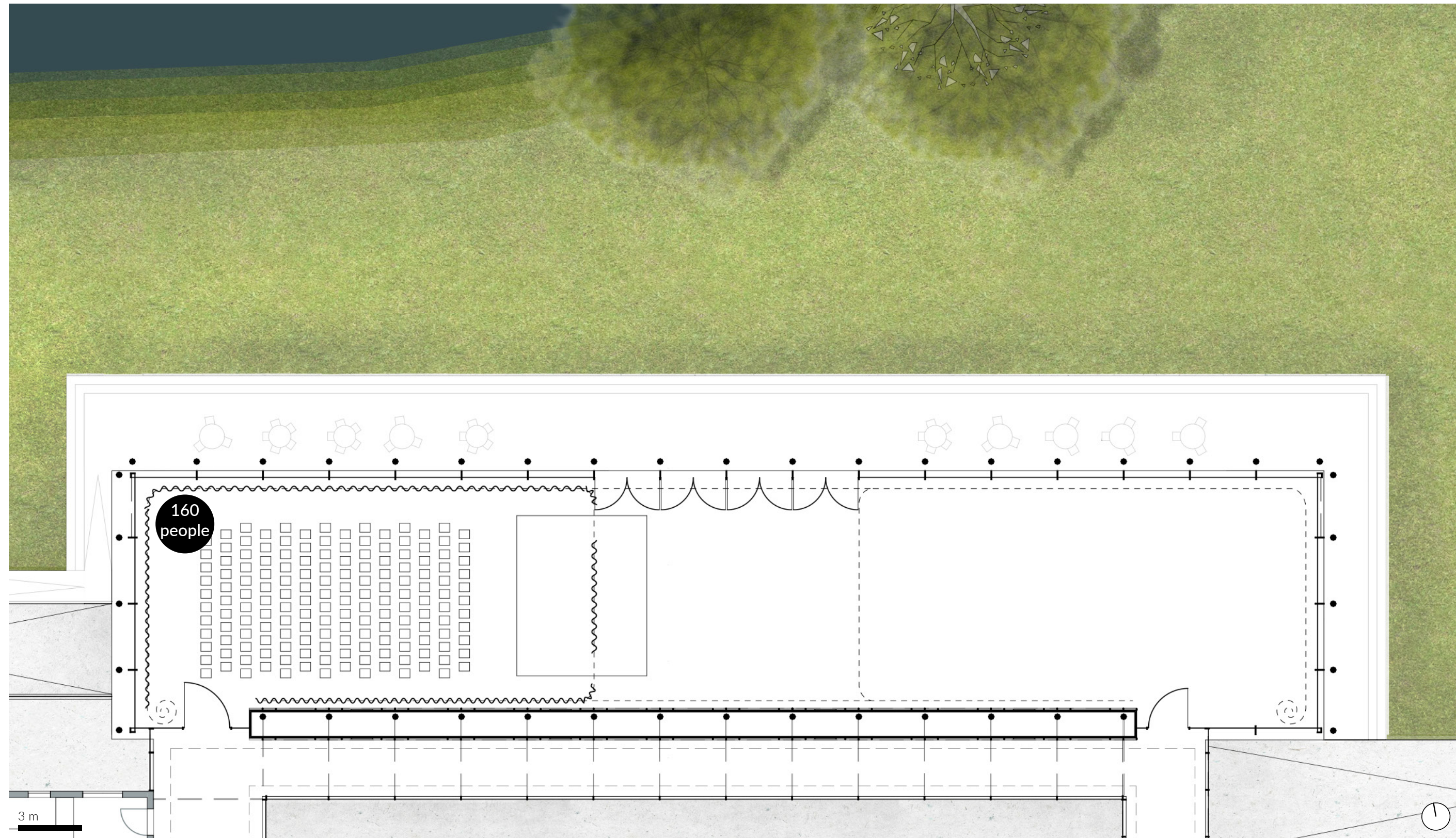
Impression  
*exhibition hall*  
*fashion show*





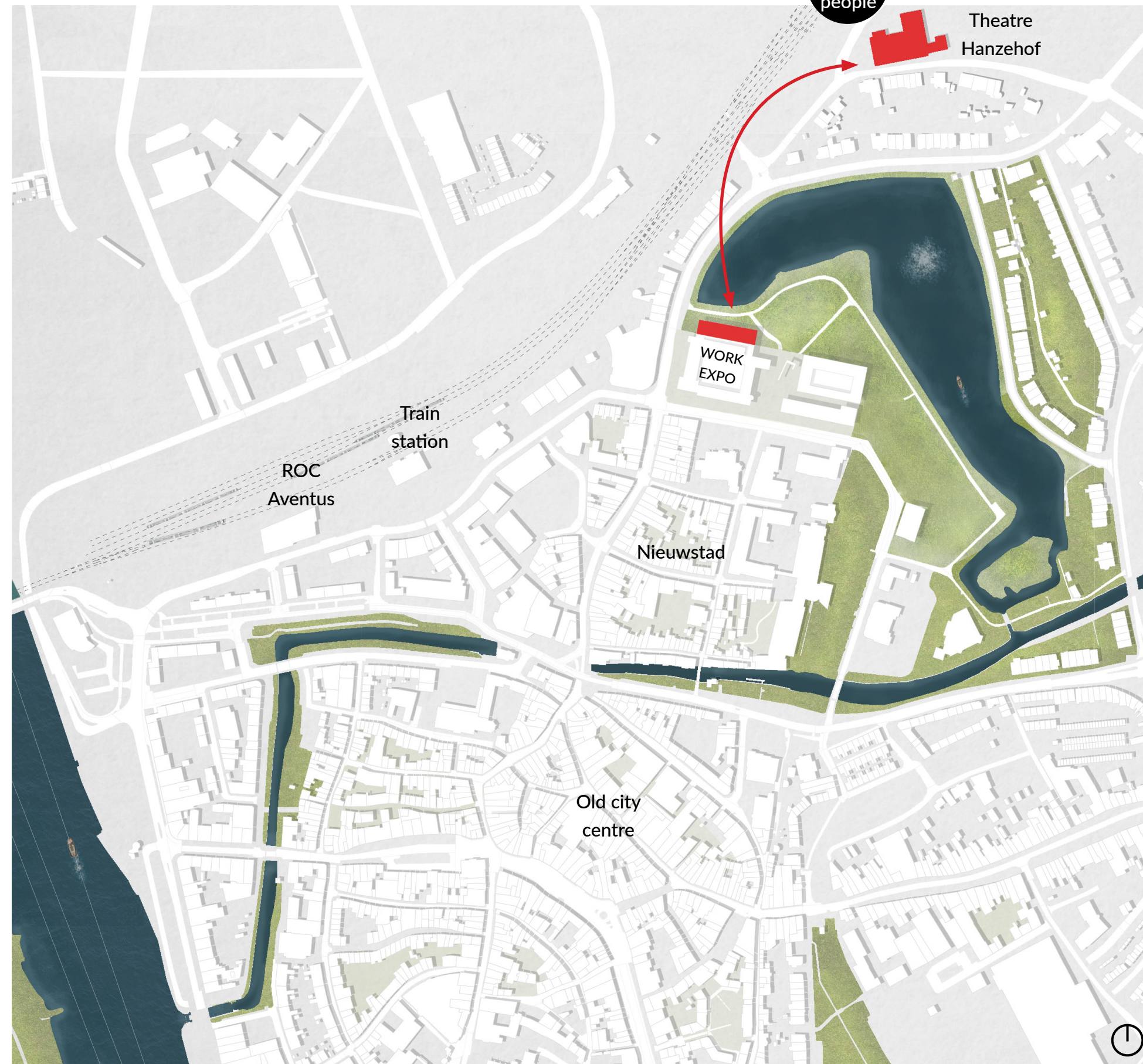
Ground floor  
*fashion show*





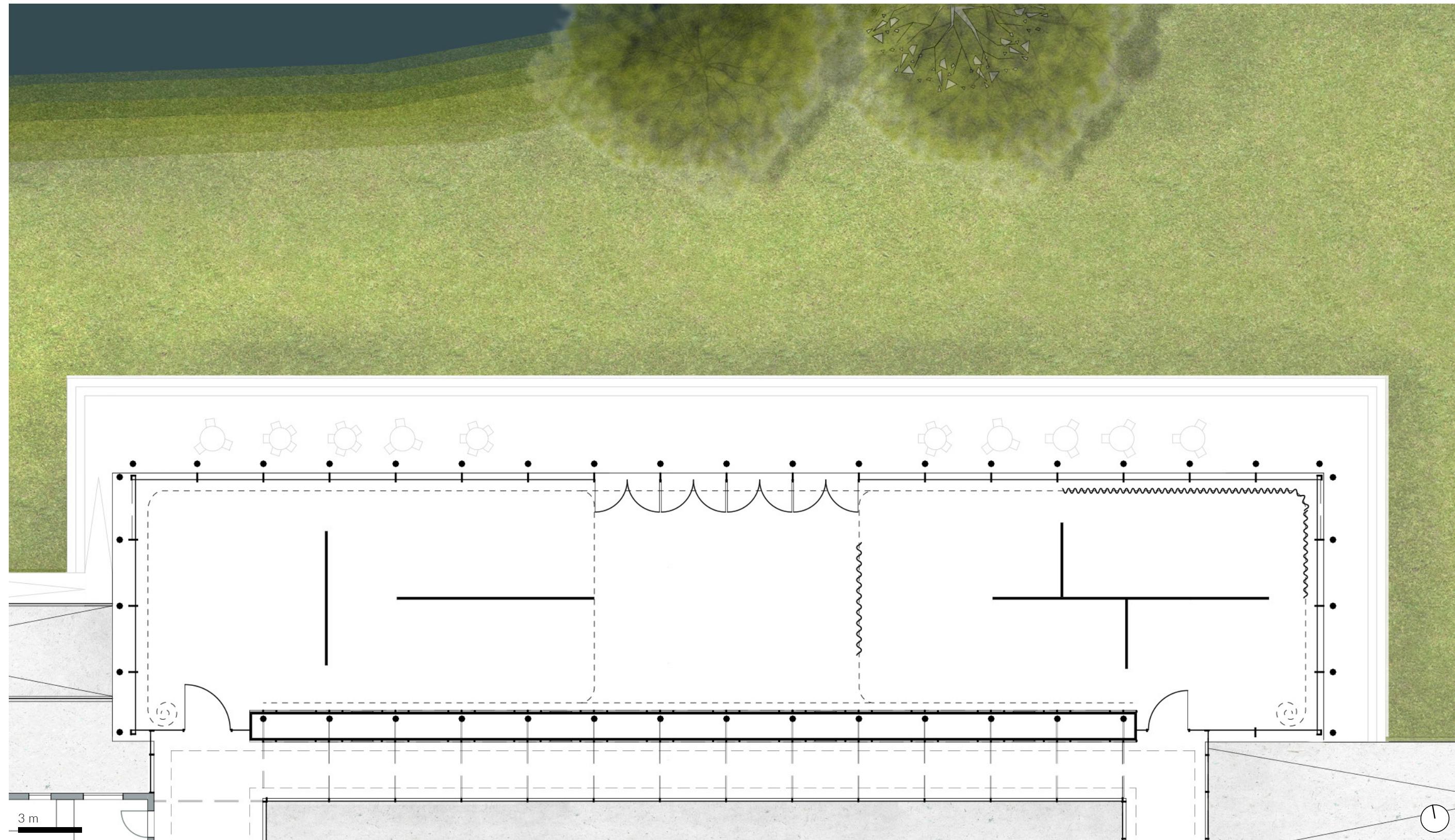
Ground floor  
*dance performance*





Site Plan  
*Zutphen*  
*new situation*





Ground floor  
*museum items*





Impression  
*exhibition hall*  
*interior exhibition*





Impression  
*exhibition hall*  
*interior exhibition*





Impression  
*exhibition hall*  
*interior exhibition*





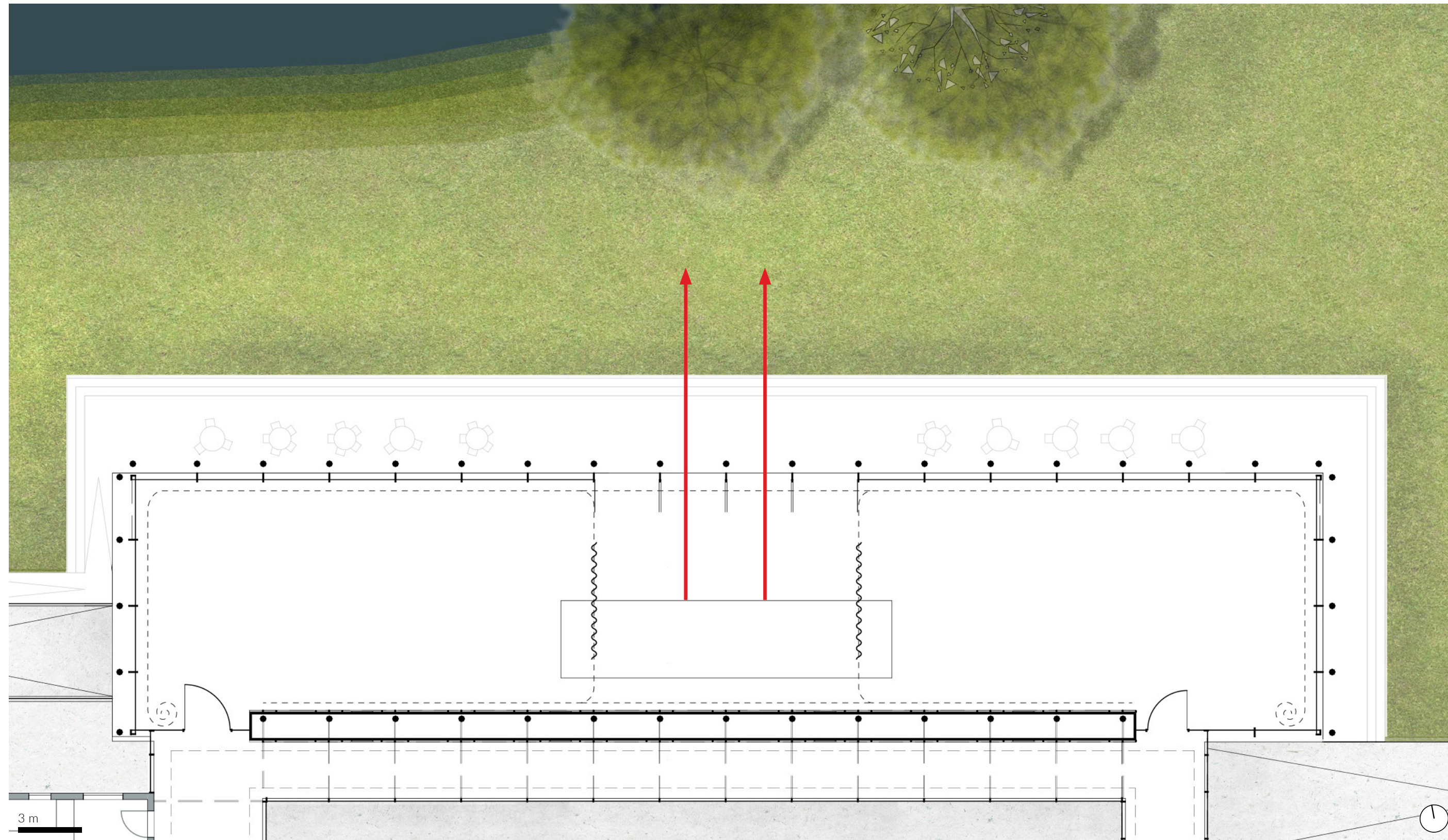
Impression  
*exhibition hall*  
*interior exhibition*





Impression  
*exhibition hall*  
*interior exhibition*





Ground floor  
*music in the park*





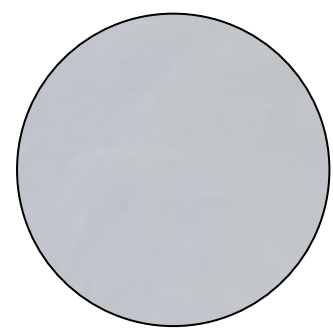
Impression park  
*exhibition towards the park*



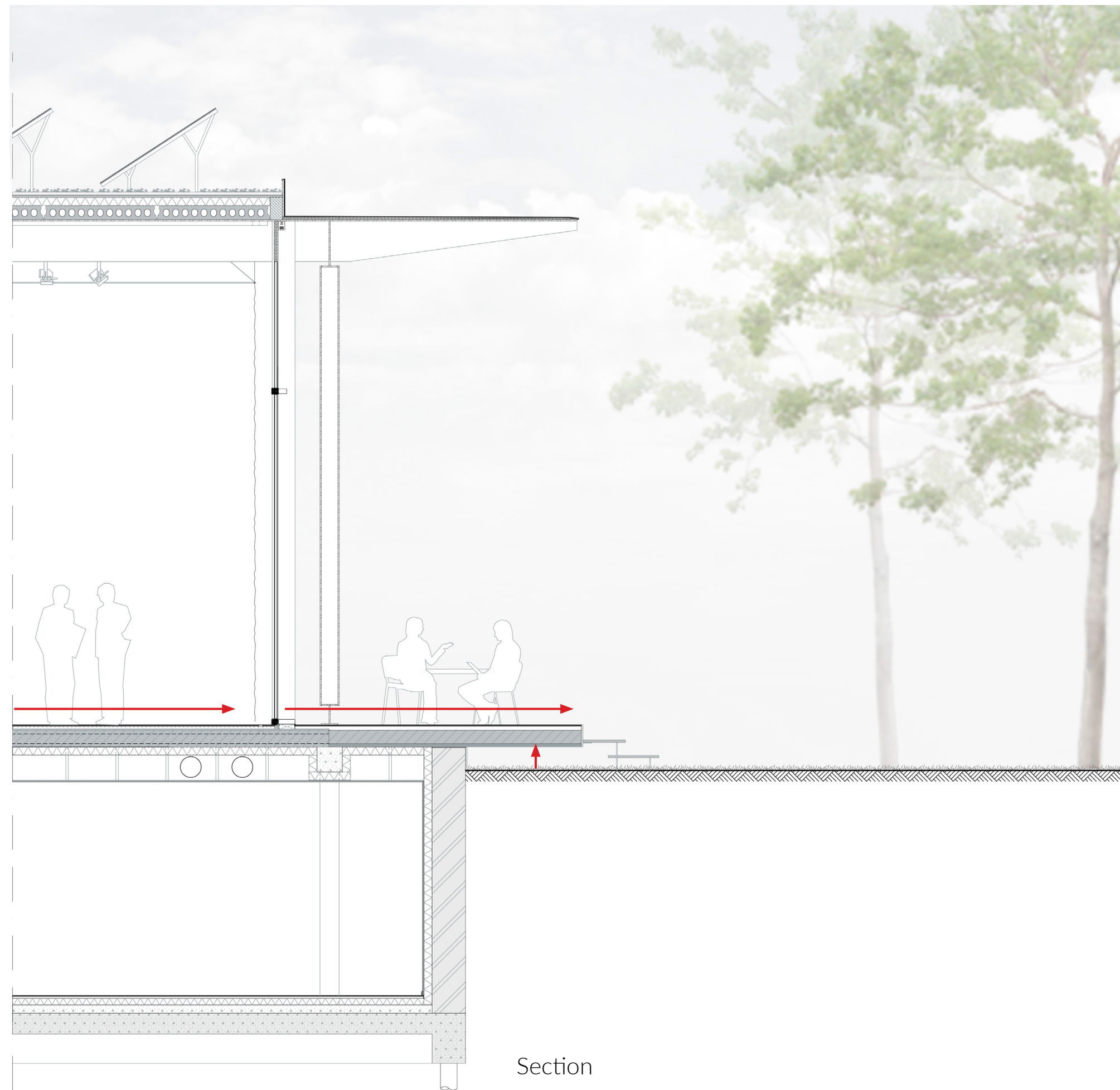


Section  
*transition to the park*



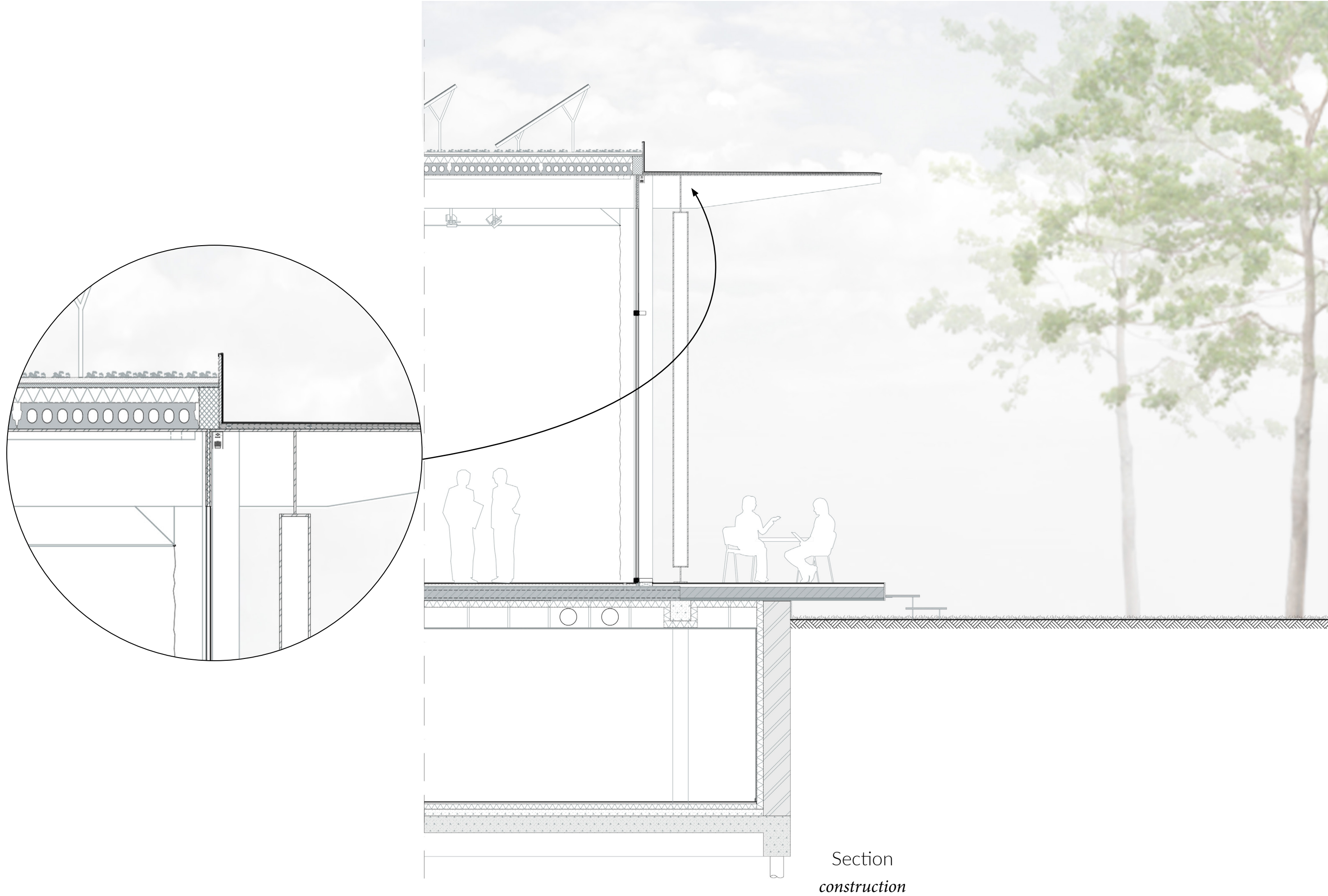


concrete

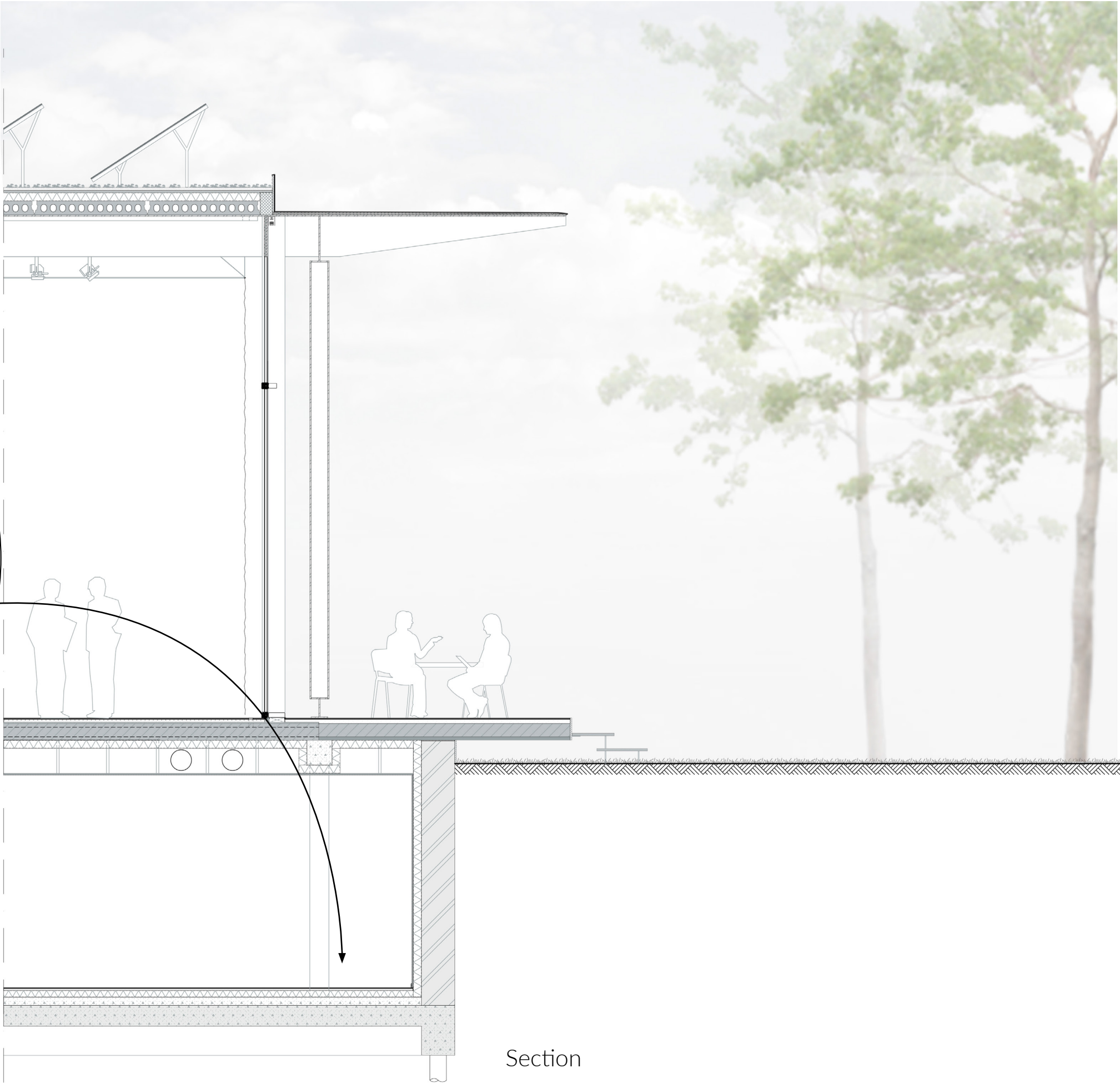
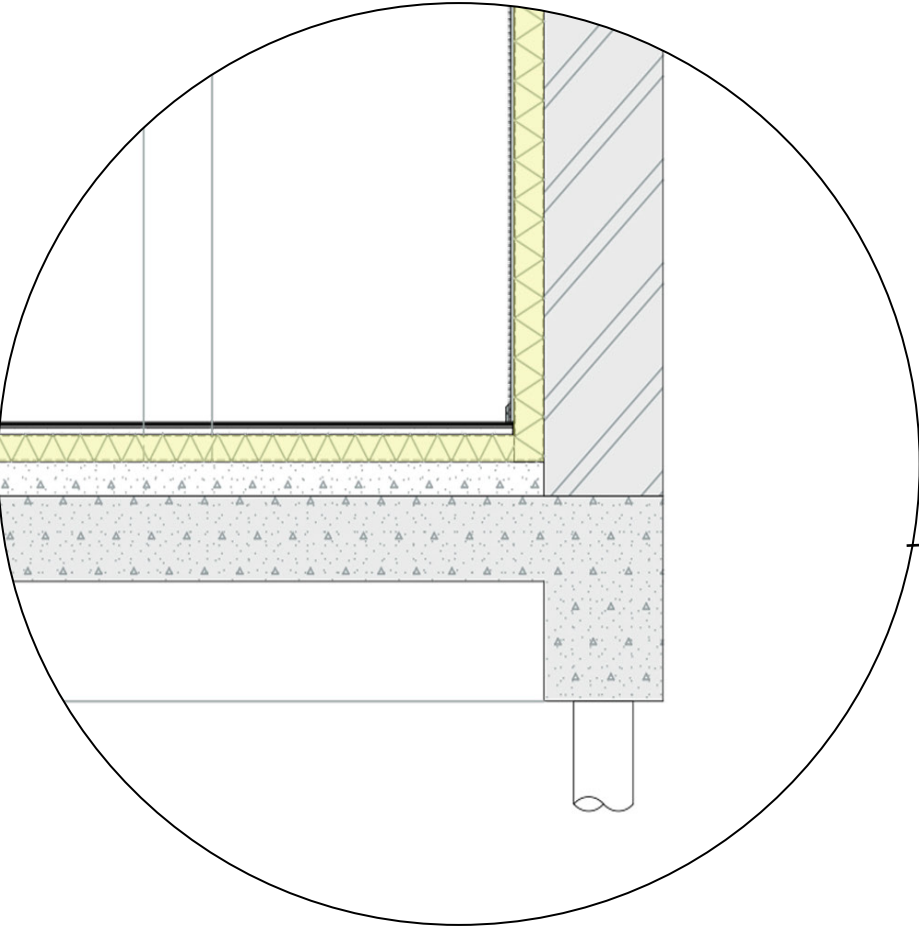


Section  
*flooring*









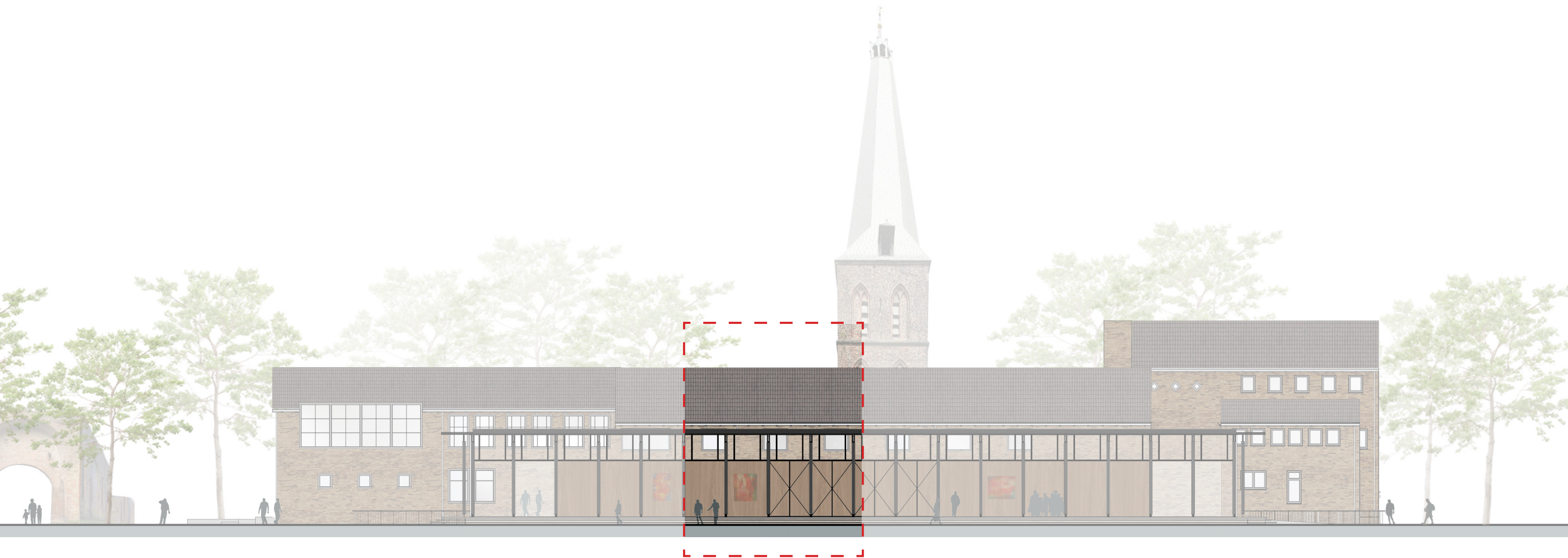
Section  
*basement*





north facade  
*glazing bar*





north facade  
*glazing bar*





north facade





Site Plan  
*Zutphen*  
*future perspective*





Impression park  
*future perspective*

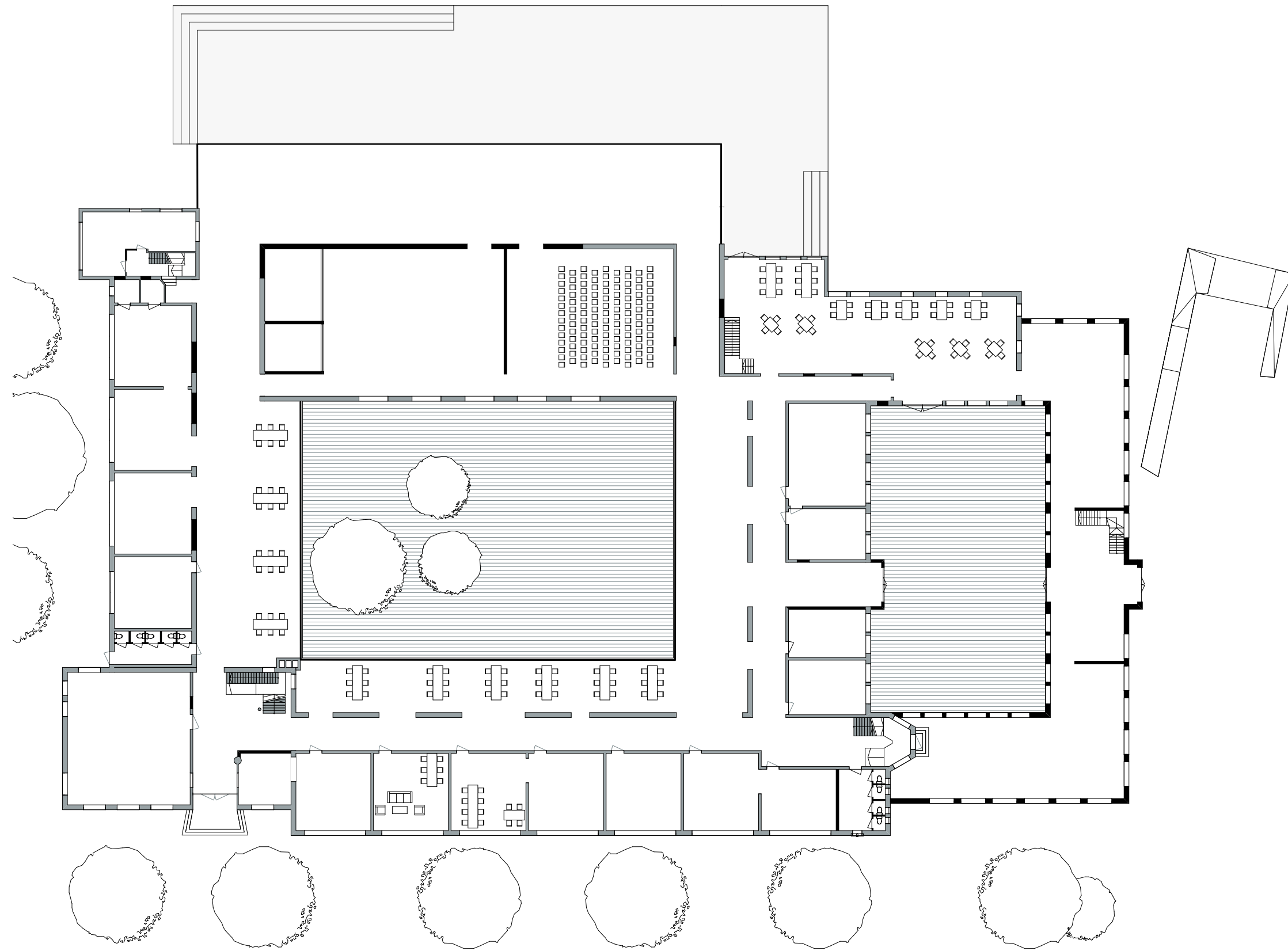






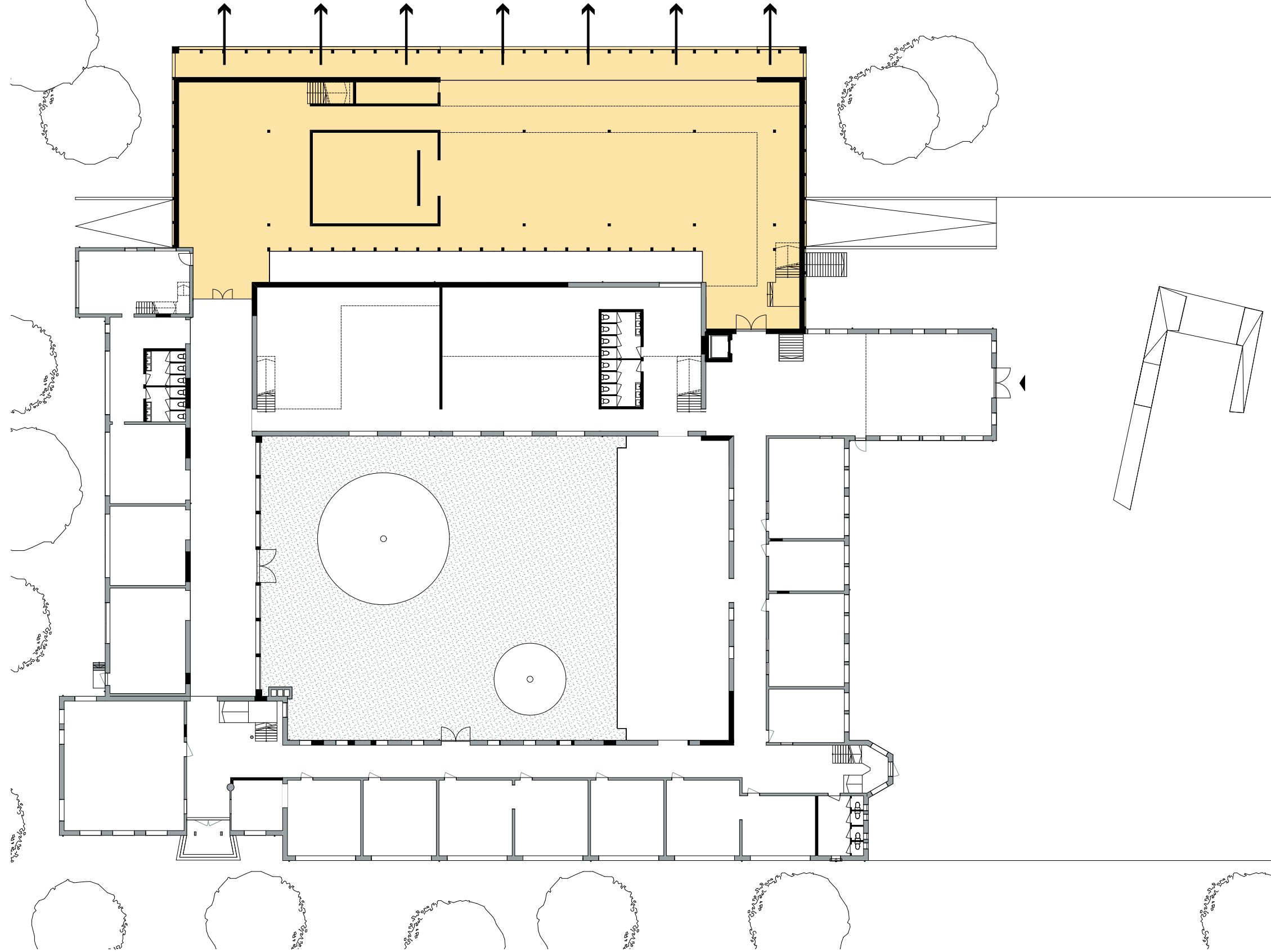






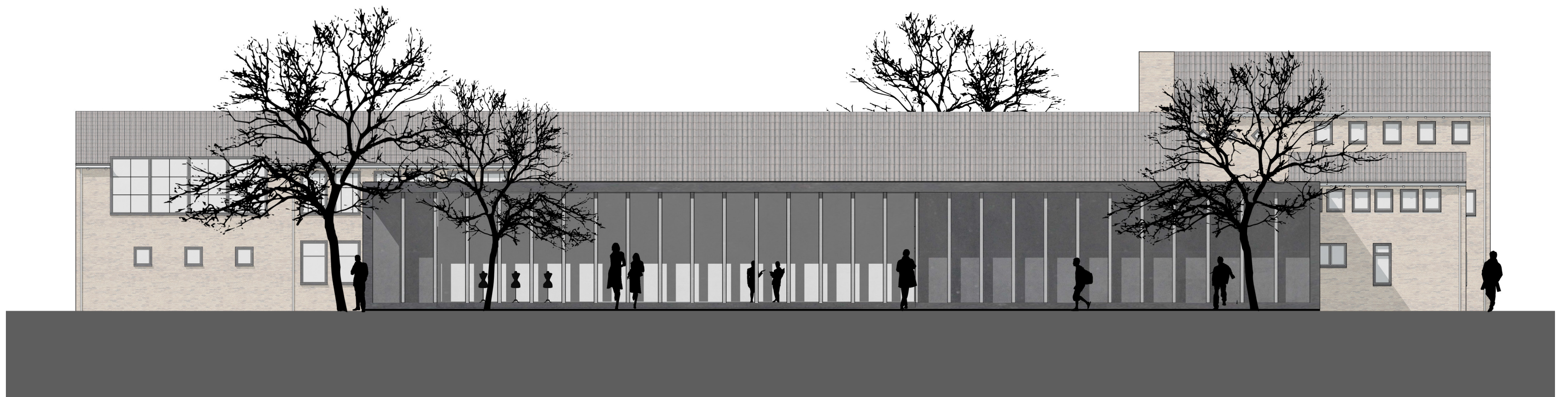
Ground Floor  
*P2 presentation*





Ground Floor  
*P3 presentation*





North facade  
*P3 presentation*