

Nurture

in

Nature

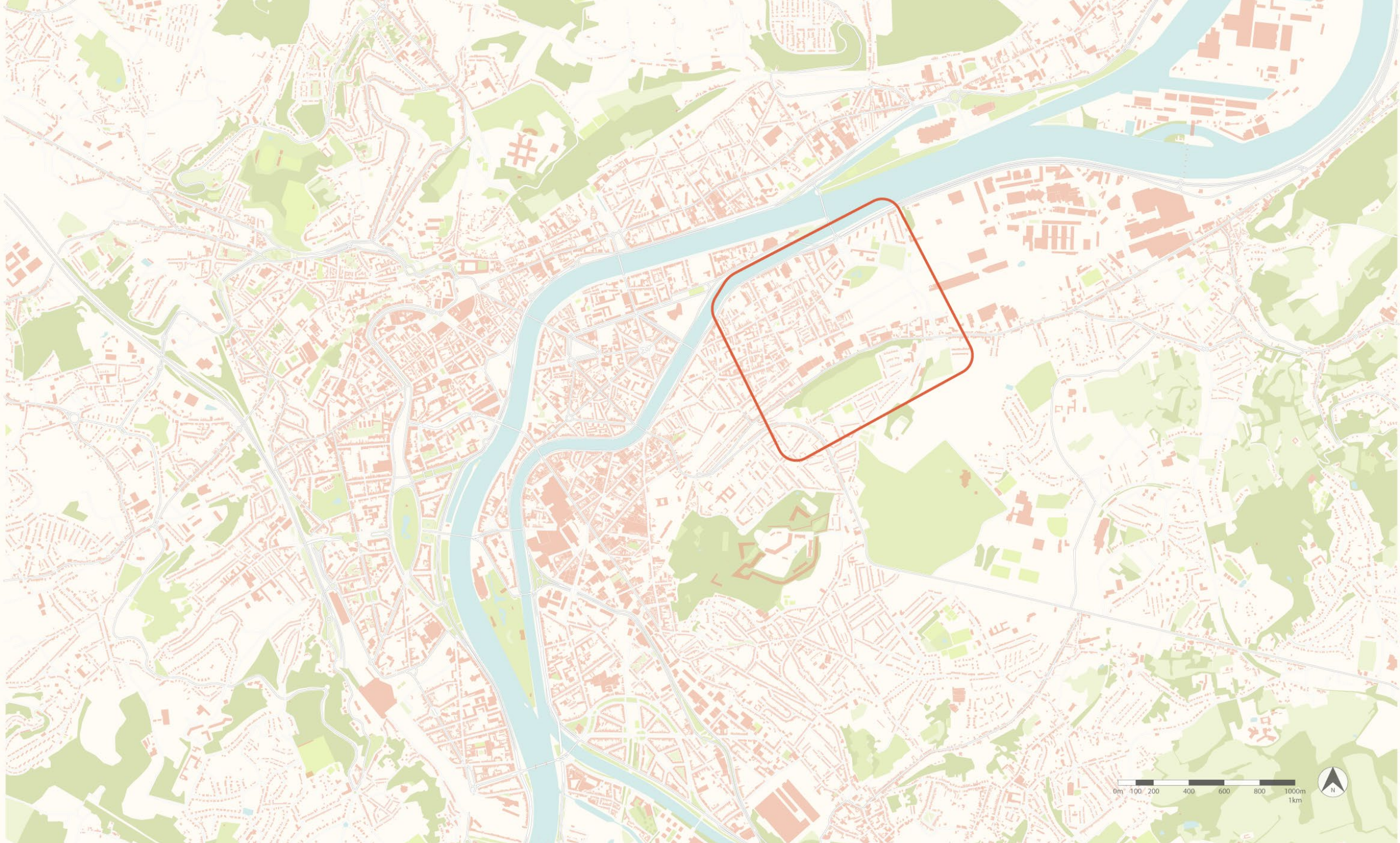


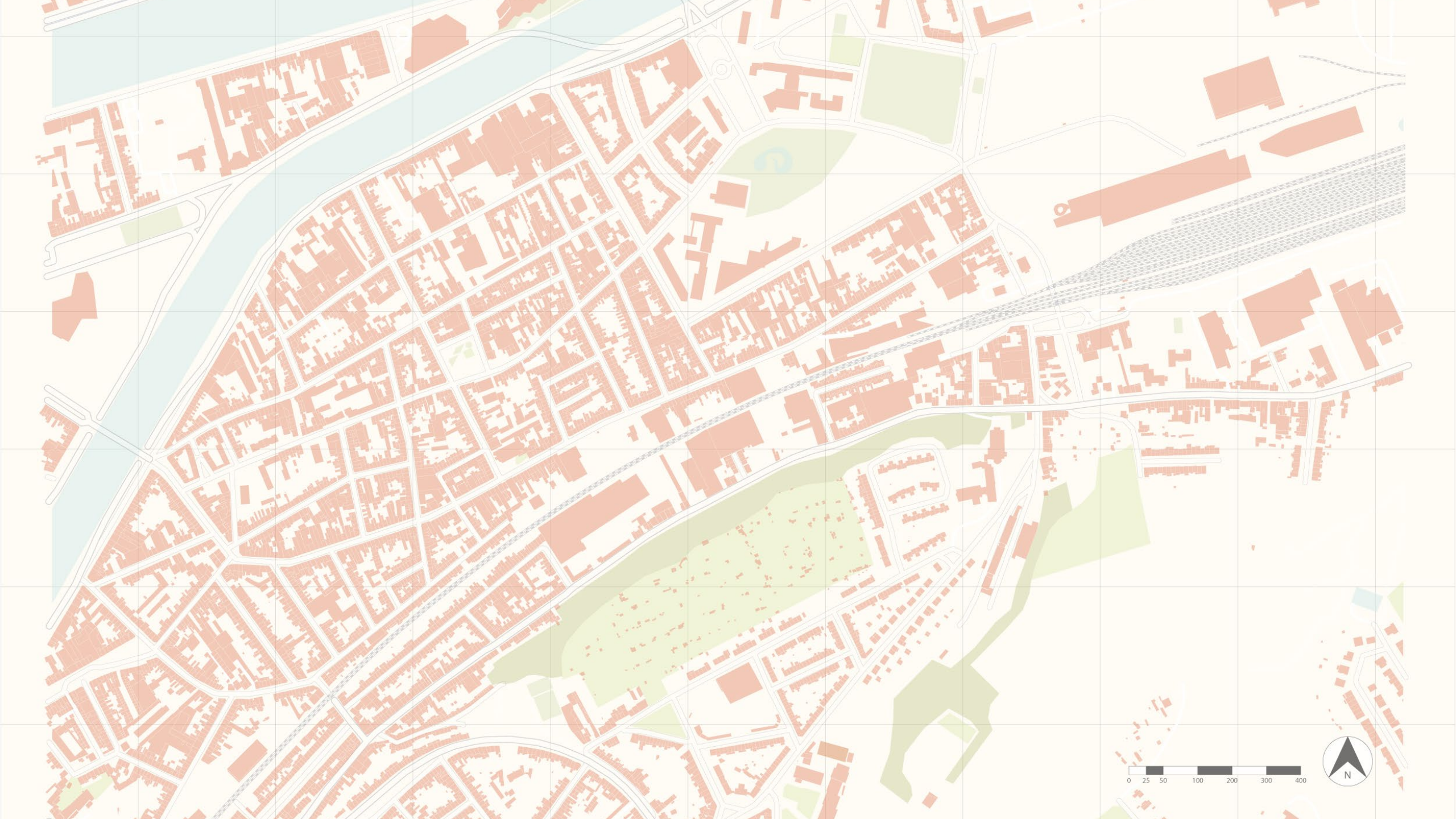
Nurture

in

Nature









Invisible Cities





le Courant d'air A.s.b.l.



le Courant d'air A.s.b.l.



Bibliothèque De Rue

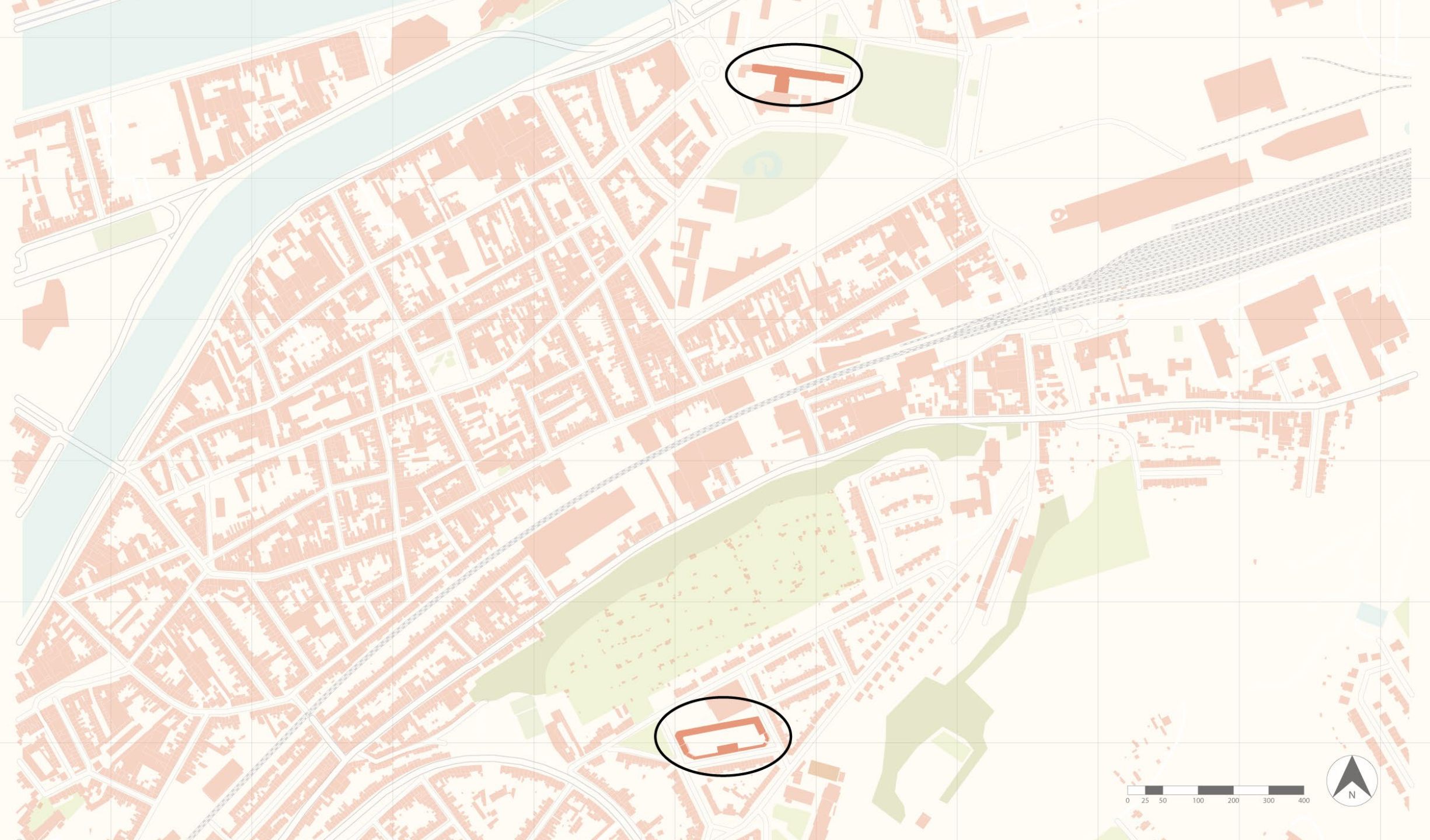


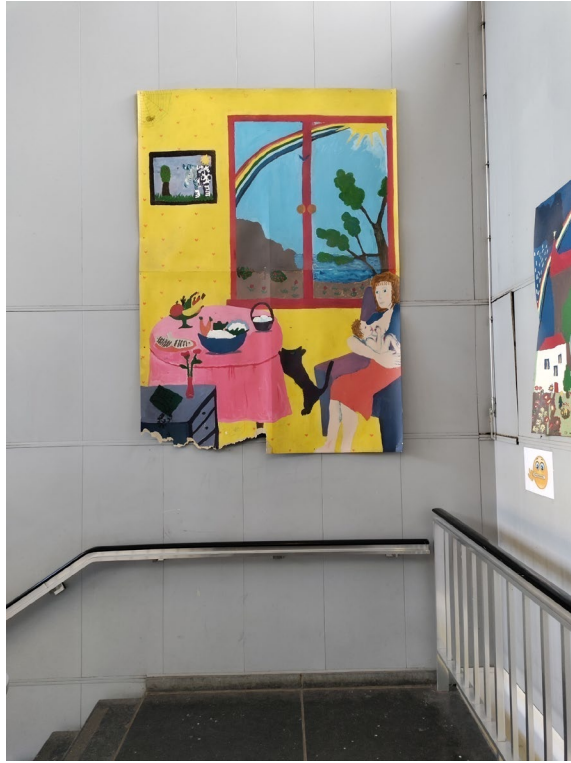
Place de la Résistance





How do the children in Bressoux and Droixhe make use of- and experience their living environment in their free time?





What do you do in your free time?
(after school)

What is 'nature'

Urban vs Natural environment





Definition of nature according to Bratman,
Hamilton and Daily :

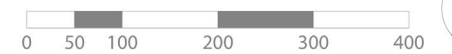
*"Areas containing elements of living systems
that include plants and nonhuman animals
across a range of scales and degrees of human
management"*

Personal definition of nature within the context
of research:

*"A significant (and predominant) concentration
of flora and fauna with varying degrees of
human management/interaction"*



-  Agriculture / productive green
-  Un- / under-used green
-  Accessible / recreational green
-  Forestry / high vegetation density



Tour Atlas

"Some children that I babysit from time to time almost never leave this neighbourhood with their parents to (for example) visit parks in the city centre." - Mireille



Significance of the possibility to connect to
nature

*How can play and interaction with nature contribute
to the psychological development of children in
Bressoux and Droixhe?*

“Individuals from urban environments have a disadvantage in processing stress when compared to their rural counterparts.”

Research of F. Mayer et al. shows that exposure to nature improves attentional capacity, positive emotions and ability to reflect.

"On average, the more natural a view from home, the better the performance on various concentration, memory and impulse inhibition tests

the authors consider the aggregate performance on these tests to correspond to a form of 'self-discipline.' (1)

This has been shown to act as a mediating factor for lower levels of aggression and violence, as well as higher levels of scholastic and career success " (2)

1. A.F Taylor, F.E. Kuo & W.C. Sullivan. *Views of nature and self-discipline: evidence from inner city children*. 2002. *Environmental Psychology* 22: 49–63

2. F.E. Kuo & W.C. Sullivan. *Aggression and violence in the inner city*. 2001. *Environmental Behaviour* 33: 543–571.



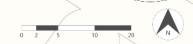
Rue Colonne

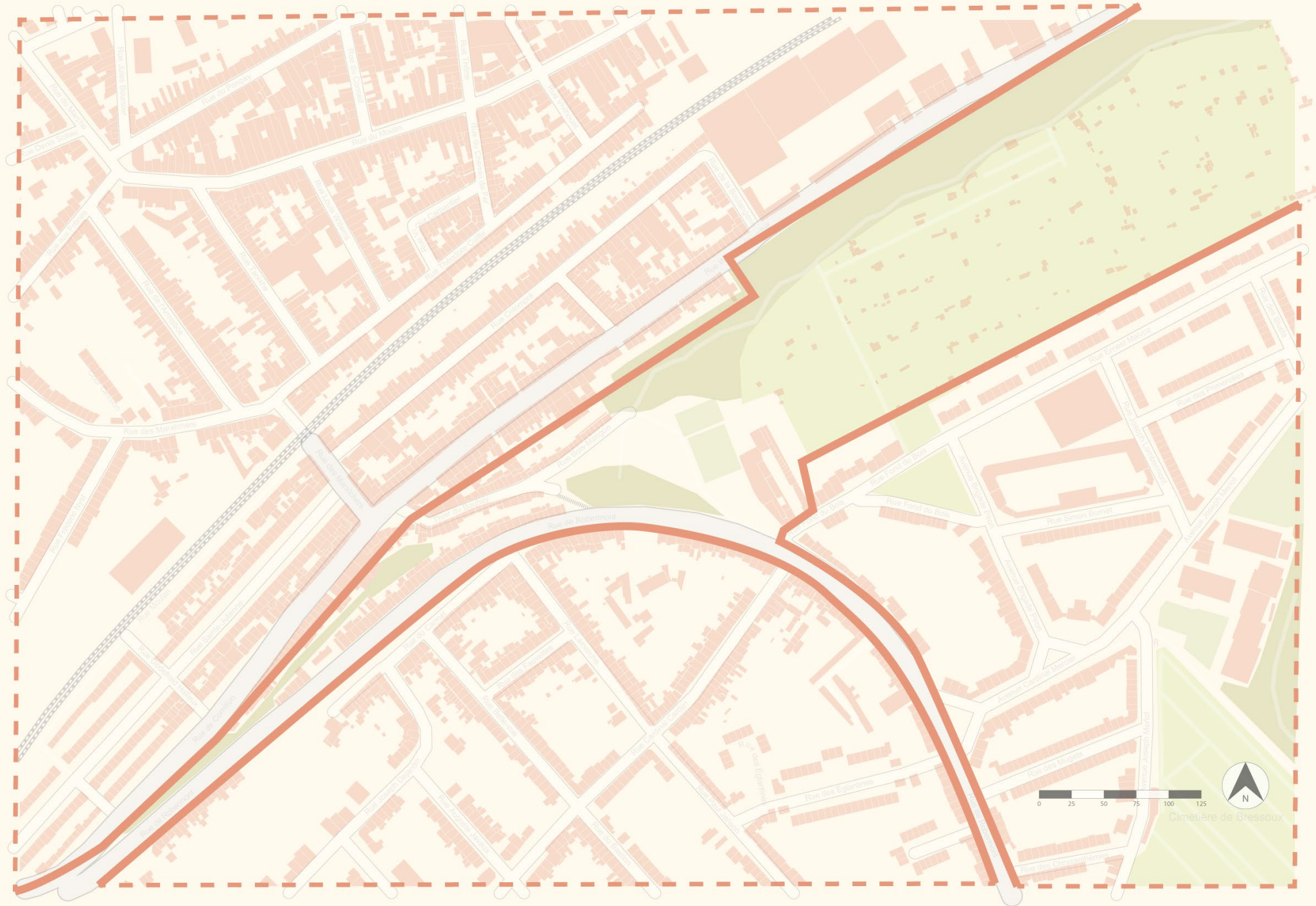
Rue Bois-Mangon

Rue de Robert

Rue Fond du Bois

Rue du Poulhoy





Rue de la Liberté
Rue de la République
Rue de la Paix
Rue de la Justice
Rue de la Vérité
Rue de la Sagesse
Rue de la Force
Rue de la Gloire
Rue de la Santé
Rue de la Beauté
Rue de la Richesse
Rue de la Noblesse
Rue de la Grandeur
Rue de la Puissance
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Rue de la Magnificence
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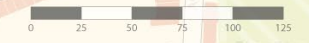
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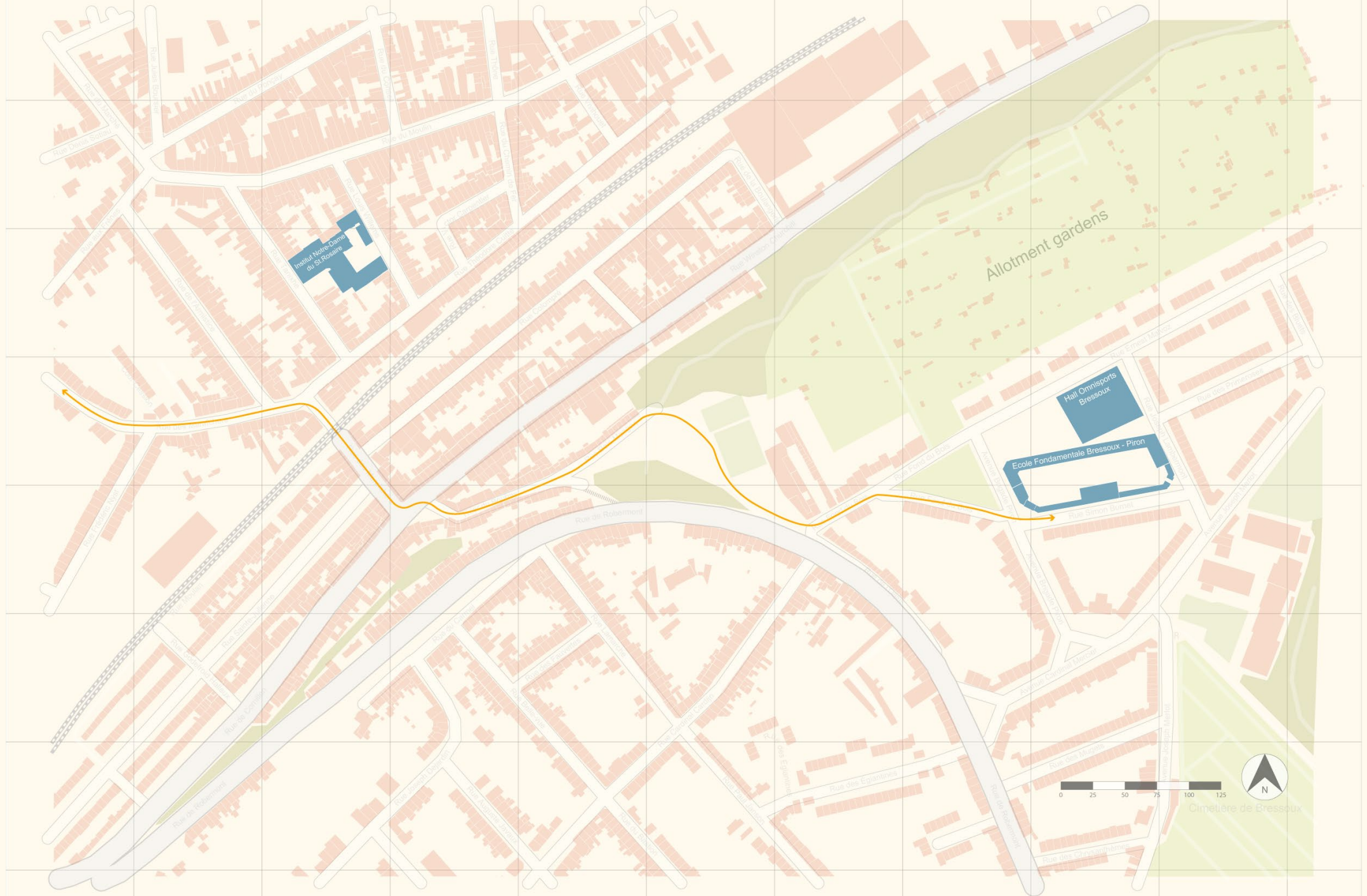
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Cimetière de Bressoux



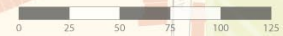
Mairie Notre-Dame du Rosaire

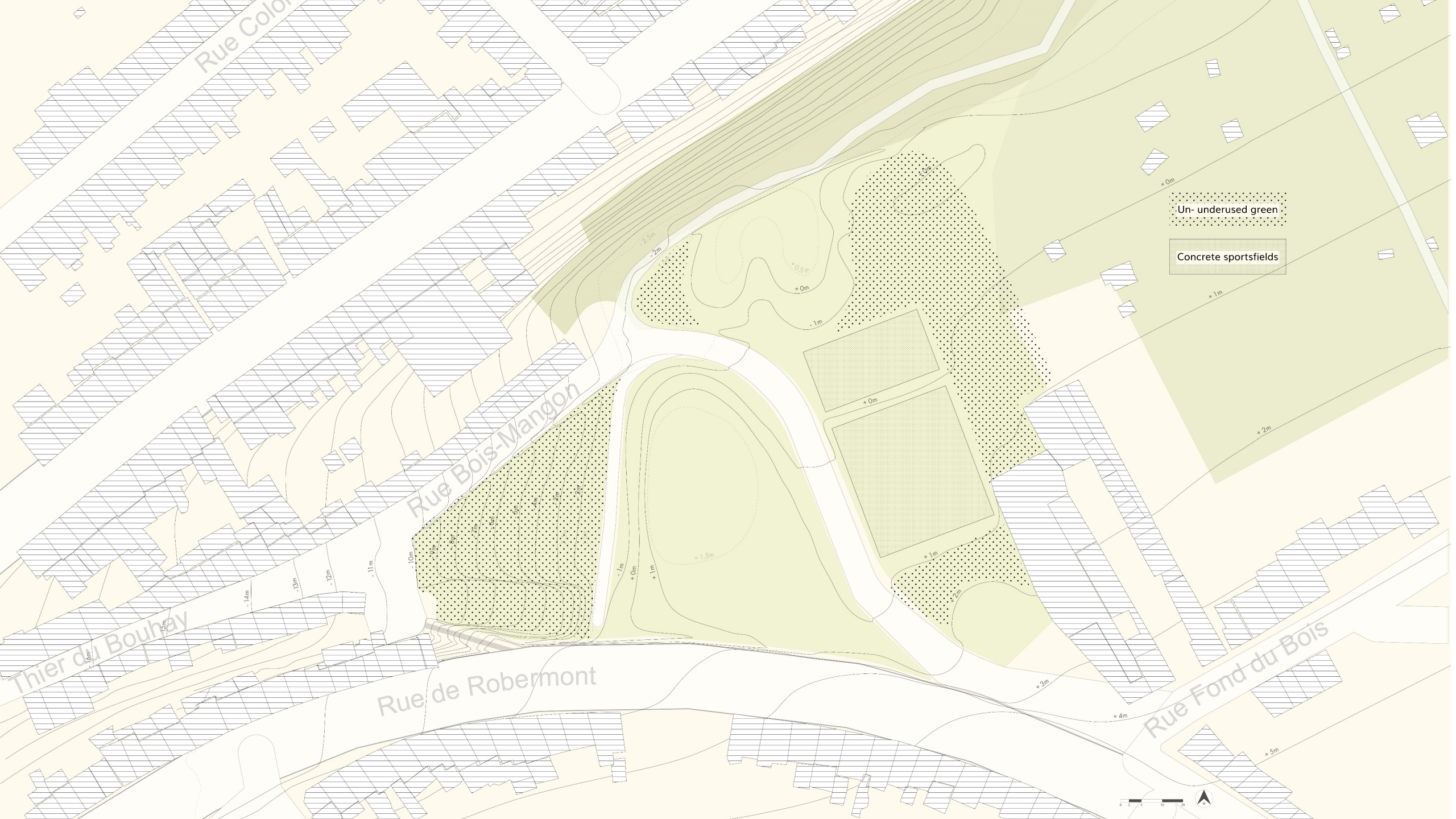
Alotment gardens

Hall Omnisports Bressoux

Ecole Fondamentale Bressoux - Piron

Cimetière de Bressoux





Rue Colombe

Rue Bois-Mangon

Rue de Robermont

Rue Fond du Bois

Thier du Bouhlay

Un- underused green

Concrete sportsfields



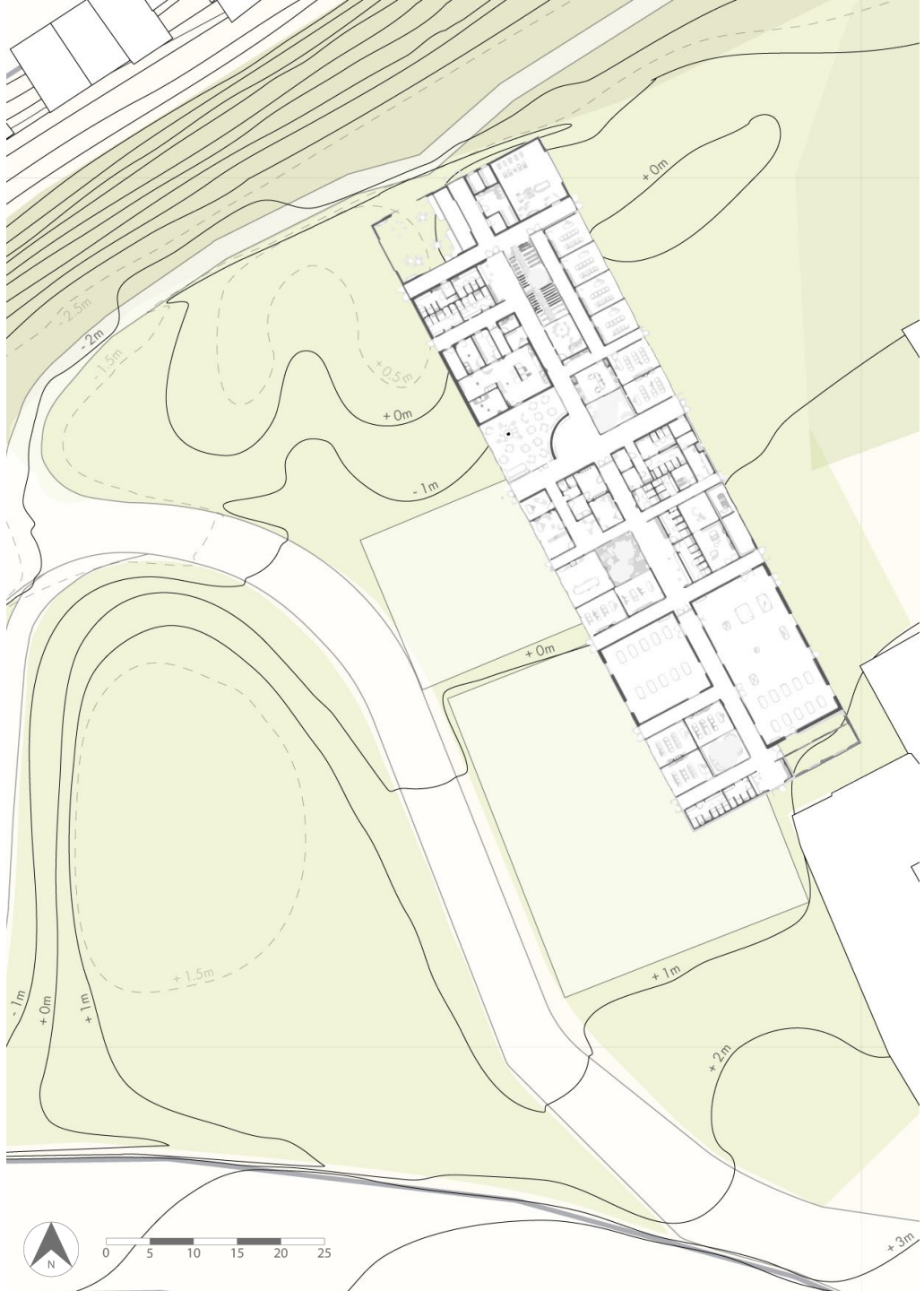


Position on Architecture and Nature

*In its essence, architecture can not be nature.
It is in its core a synthetic structure with more physical
and regulated limits than nature.*

*Nevertheless, instead of coexisting, architecture should
act upon its (natural) environment and, in a respectful
way, create an alliance with nature where one
strengthens the other, thereby increasing the users
natural experience and connection, which in its way
allows for improvement in the psychological wellbeing.*

Templeuve - AHA



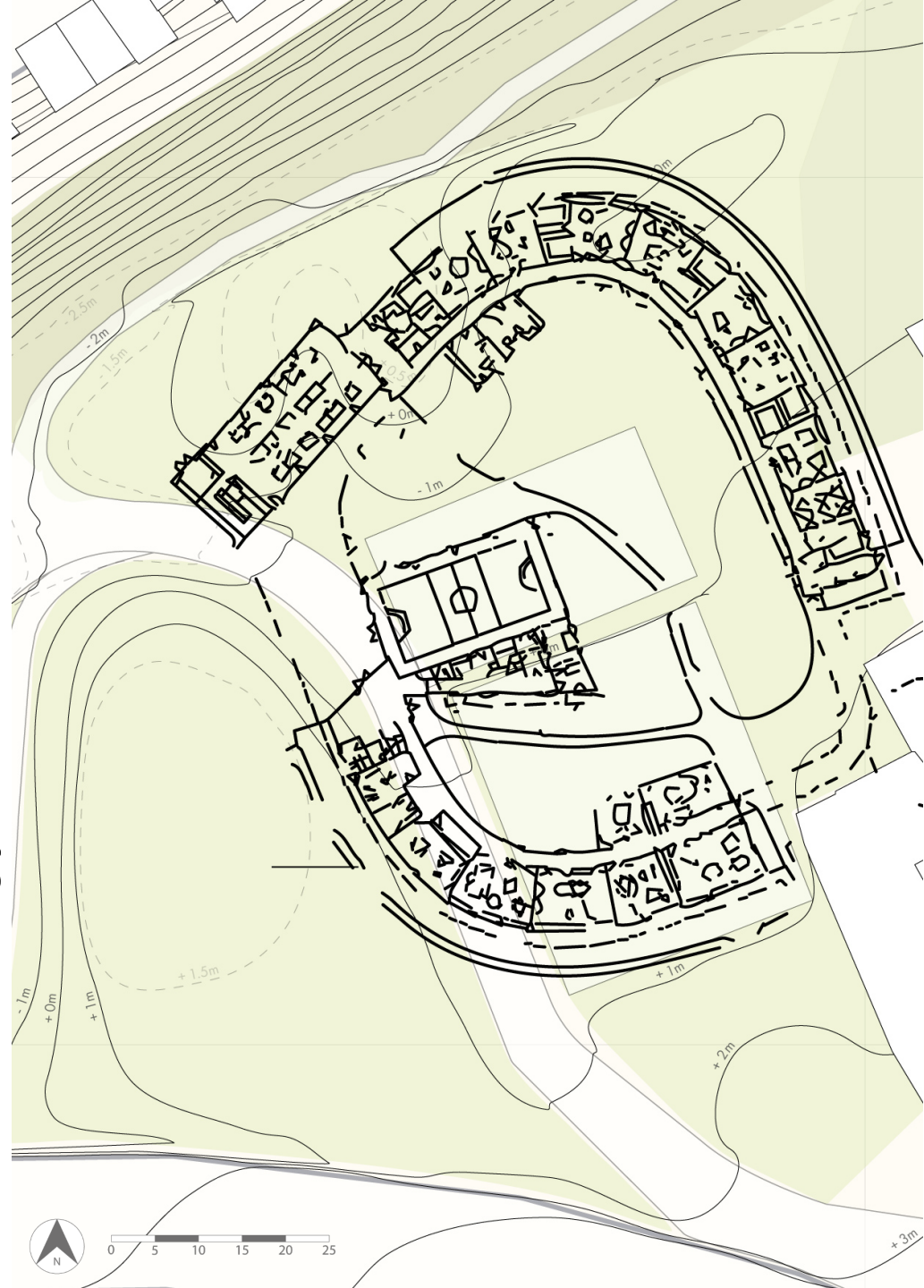
Lille Herentals - KSA



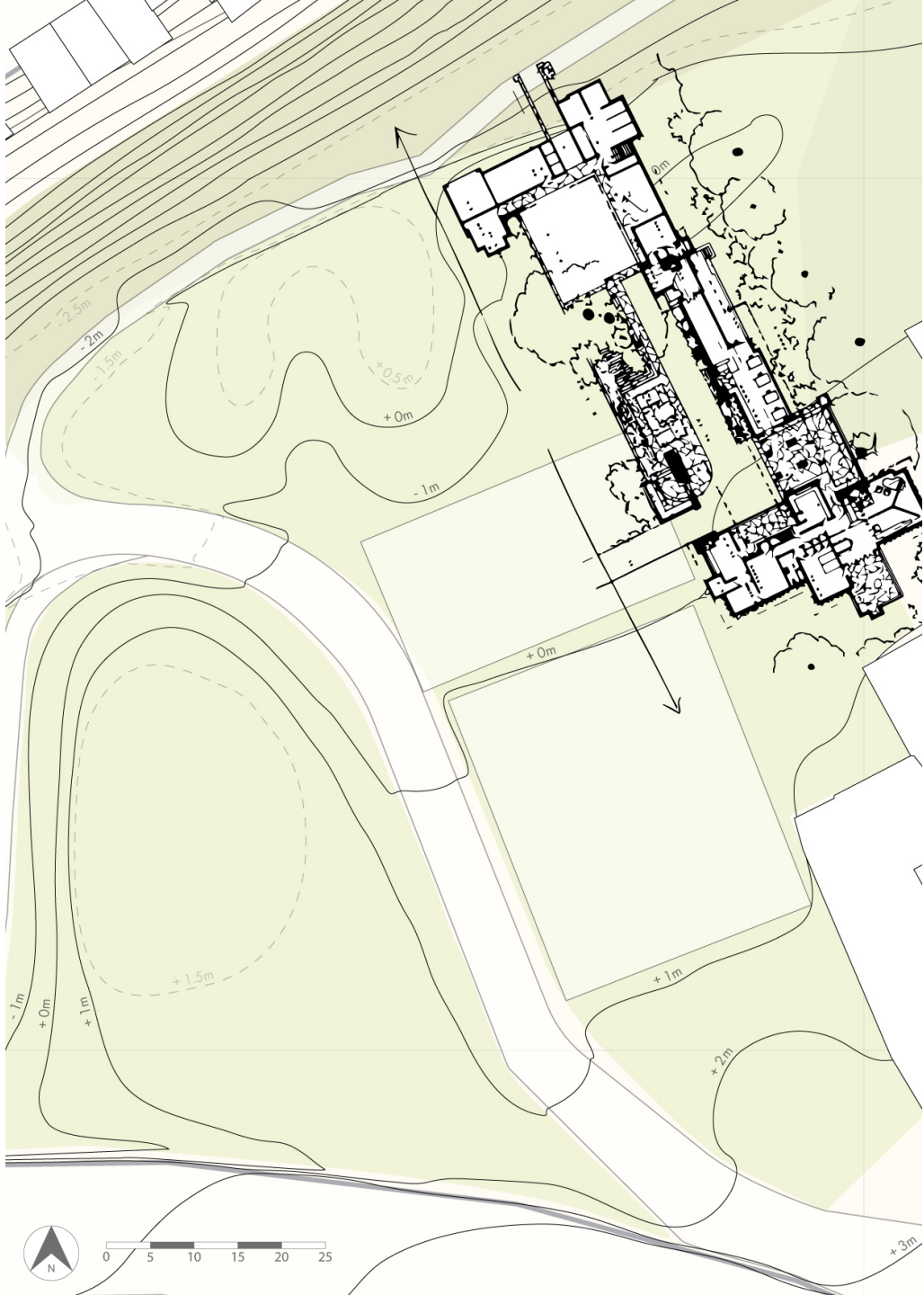
Theatre for 100 people



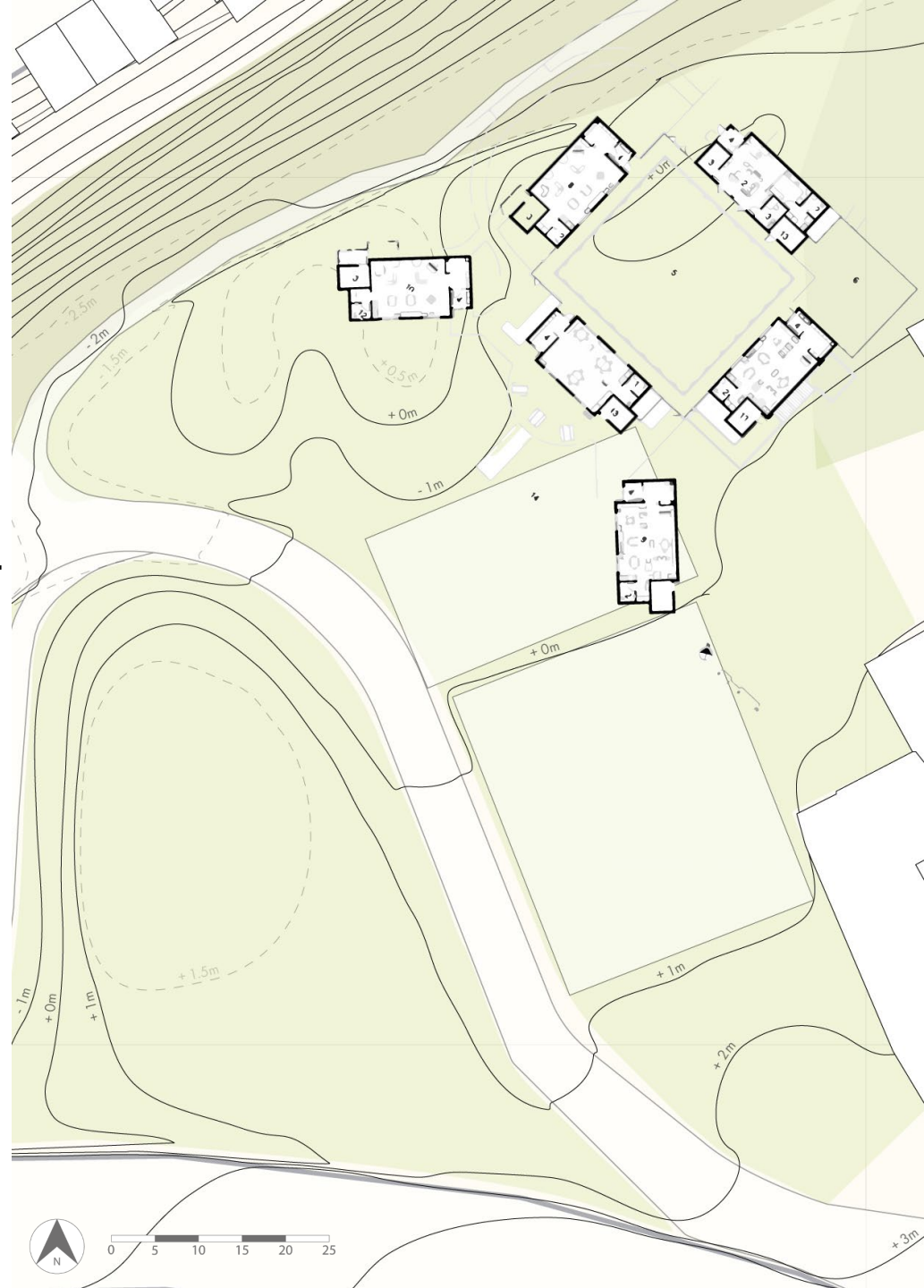
Begijnenborre – Carton123



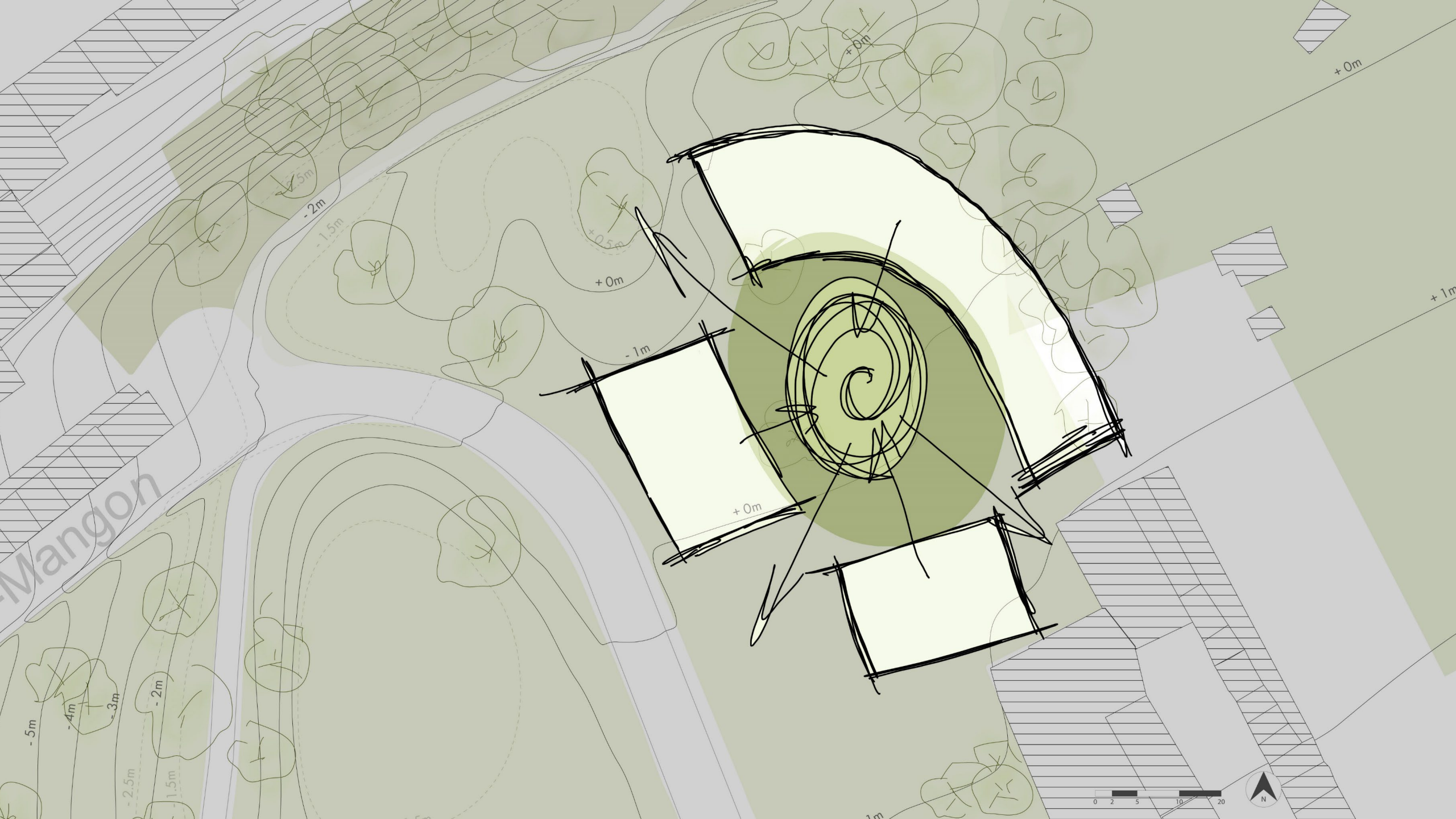
Taliesin North – Frank Lloyd Wright



Slate School - Patriquin Architects







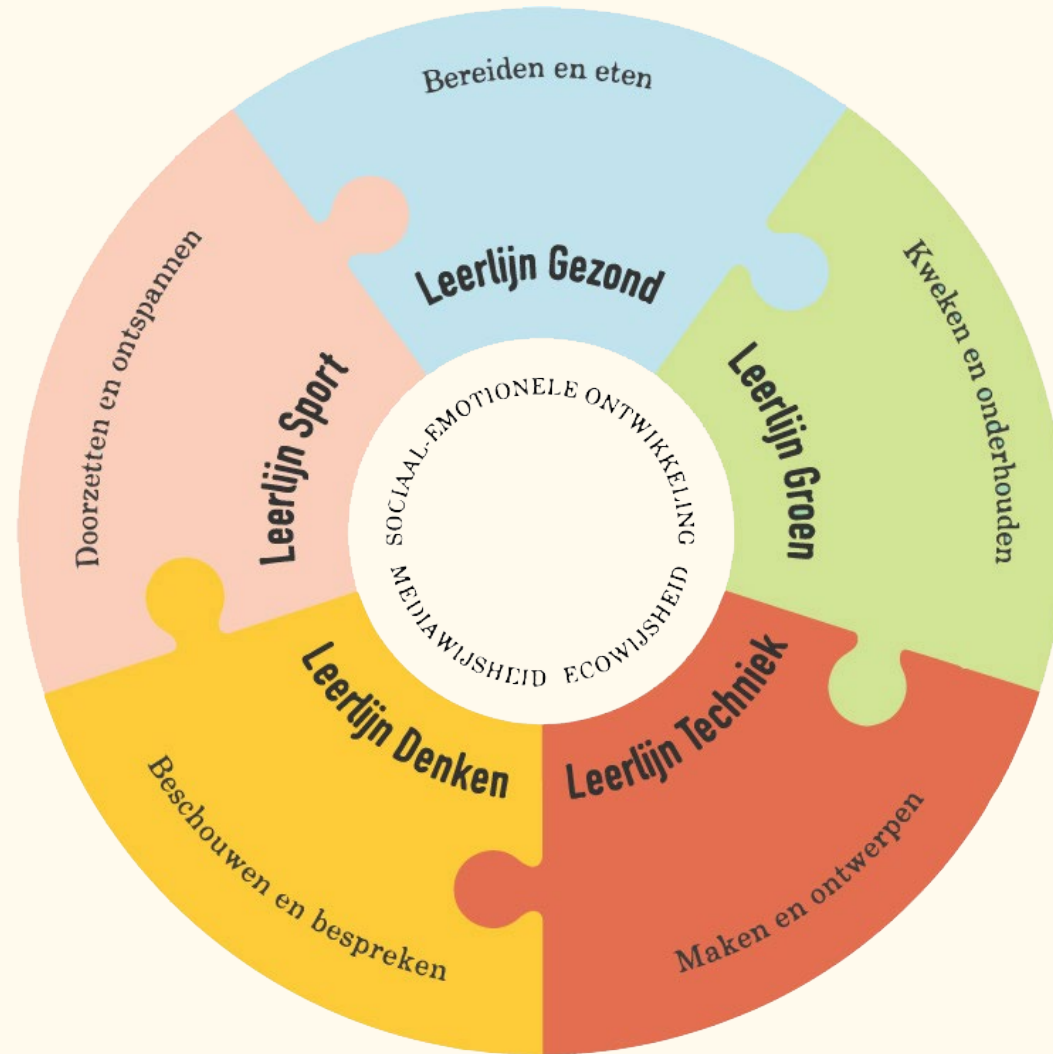
SPELEN IN DE STAD PLAYING IN THE CITY

BERTE DAAN
KARIN PEETERS
ANNA FINK



Vakmanstad Rotterdam

Skill development and ecological awareness

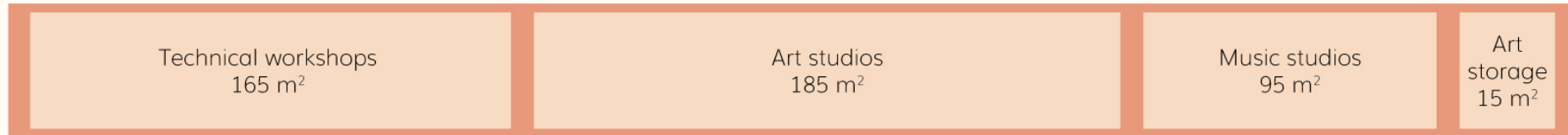


Total estimated surface area (inside area or roofsurface)

+/- 2.065 m²

Creative cluster

+/- 460 m²



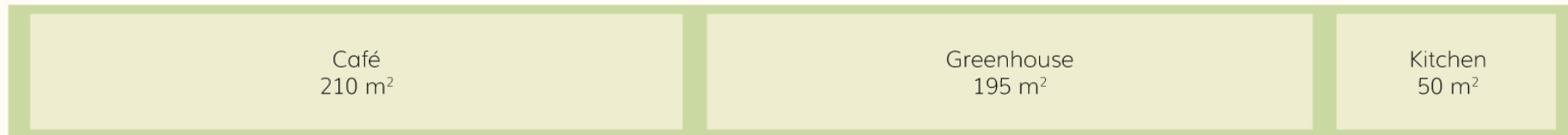
Sports

+/- 395 m²



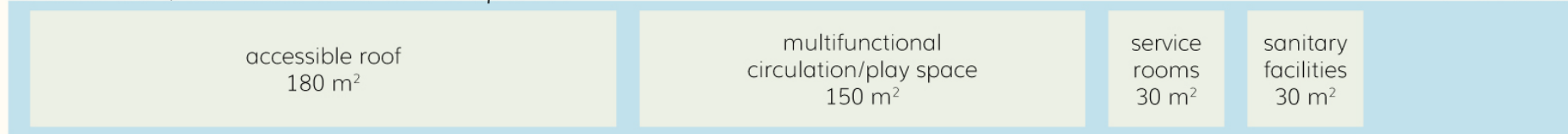
Food cluster

+/- 455 m²



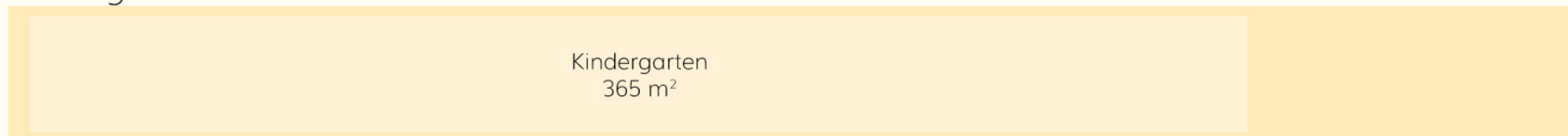
circulation, services and extra spaces

+/- 390 m²



Kindergarten

+/- 365 m²







café
(social connections)

kitchen
(health)

Sportshall
(movement)

Kindergarten
(involve younger
age-groups)

courtyard

Music-
Studio

Art-studio
(creative skills)

Technical
Workshops

Mangon

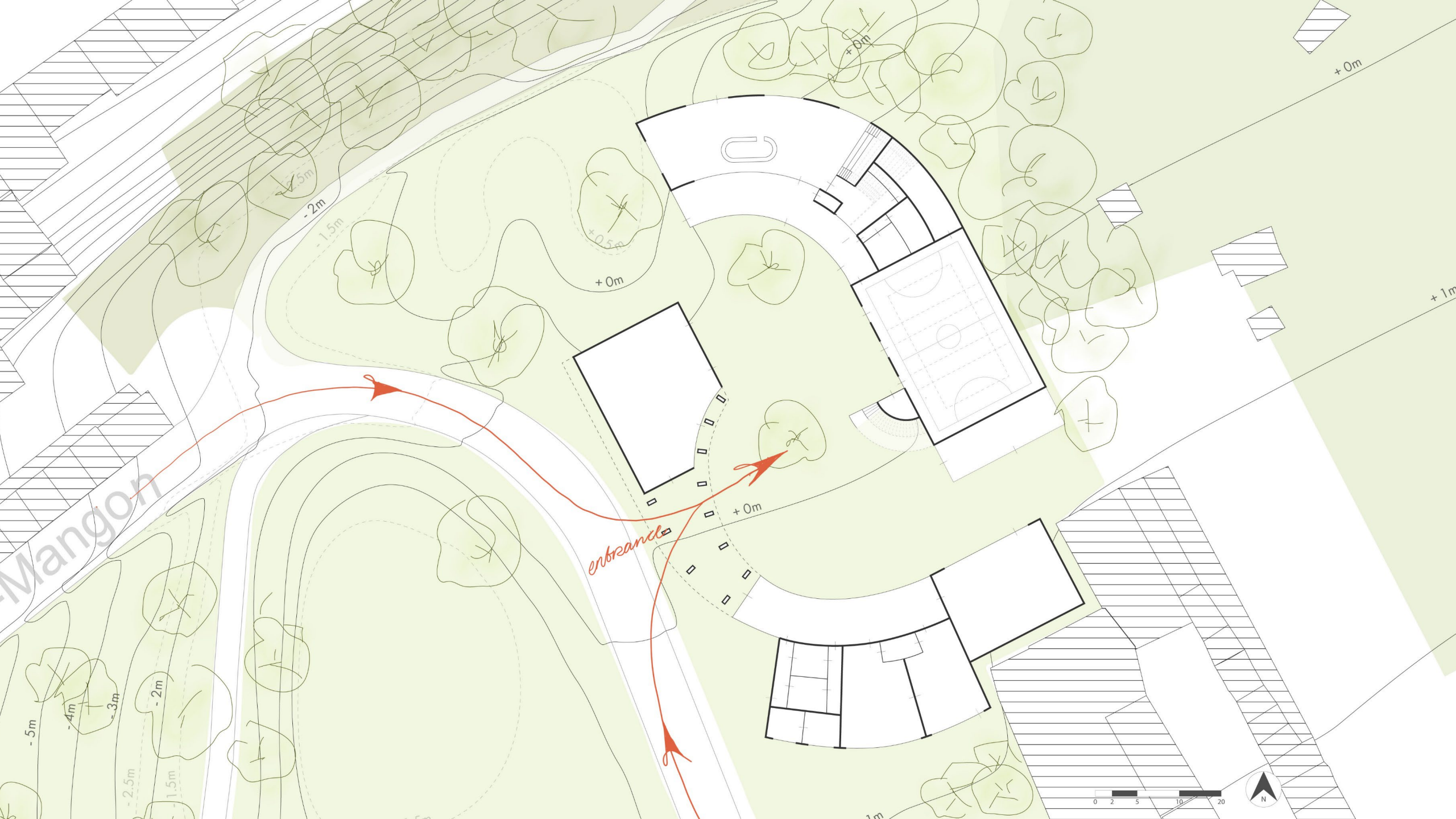




Mangon

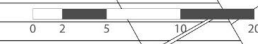








Mangon







Mangon

+0m

+0m

+0m

+1m

-5m

-4m

-3m

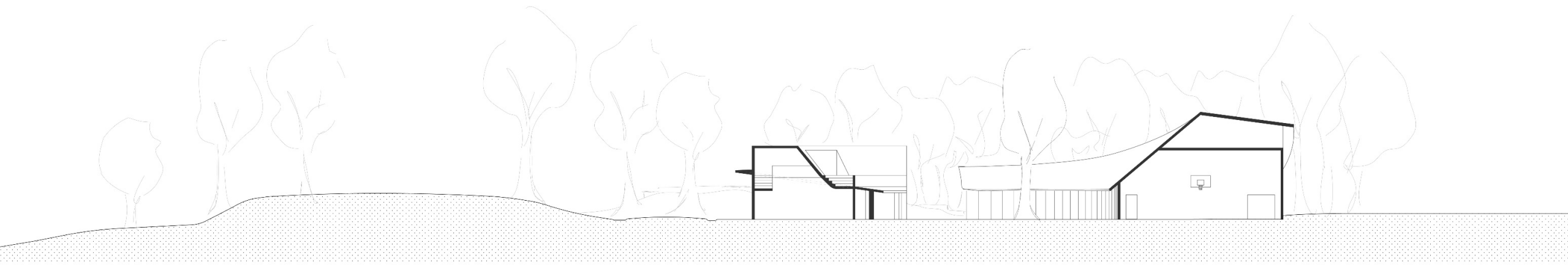
-2m

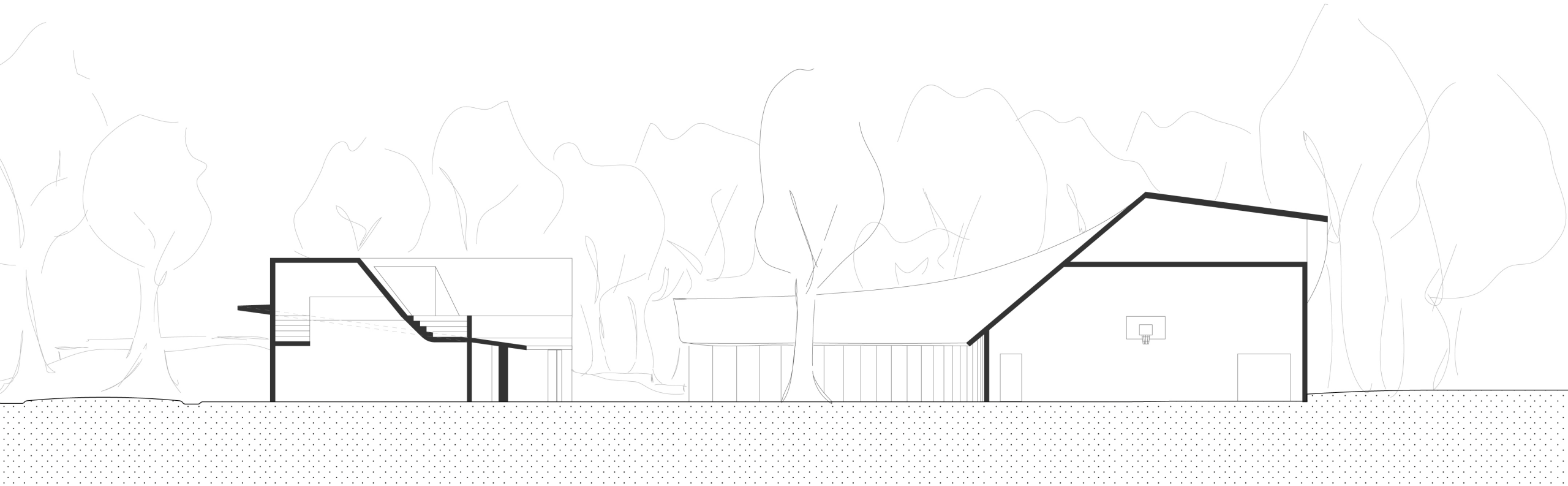
-2.5m

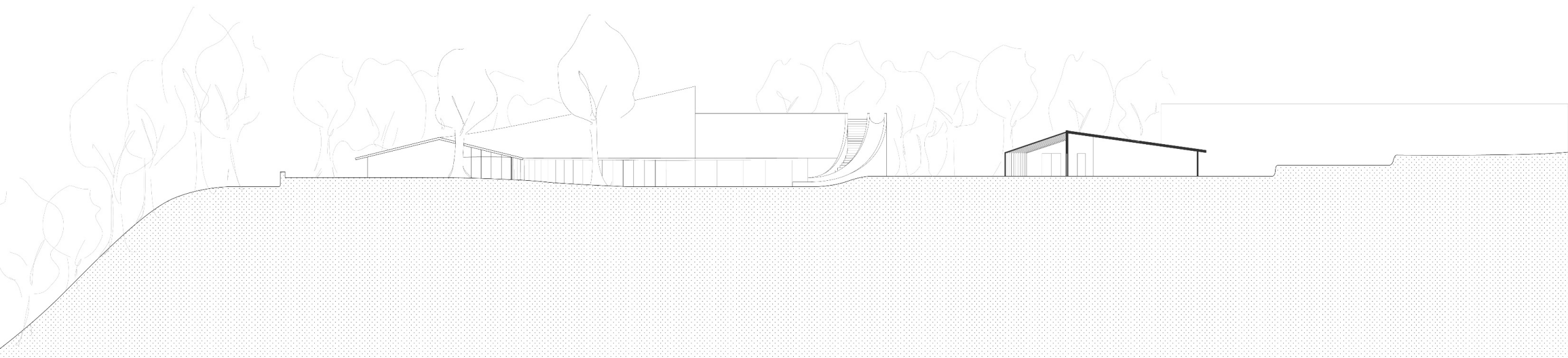
-1.5m

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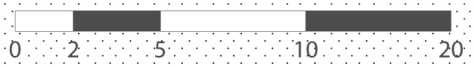
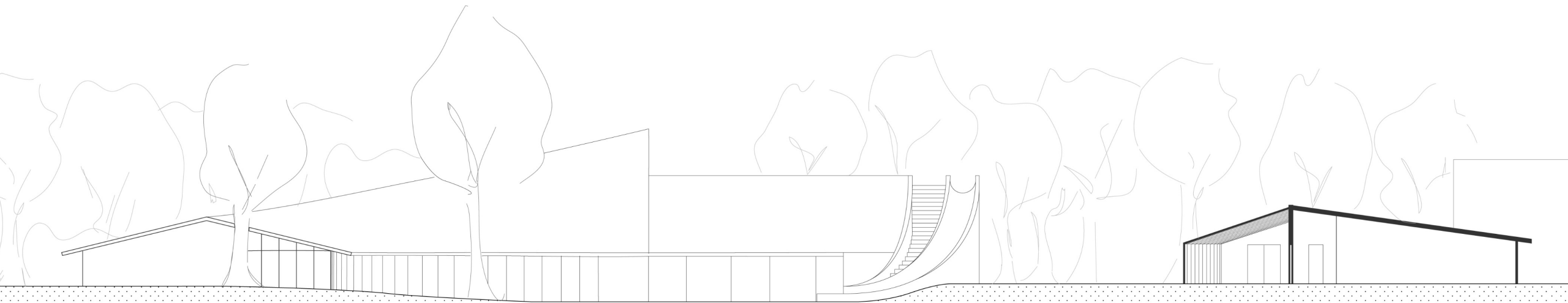
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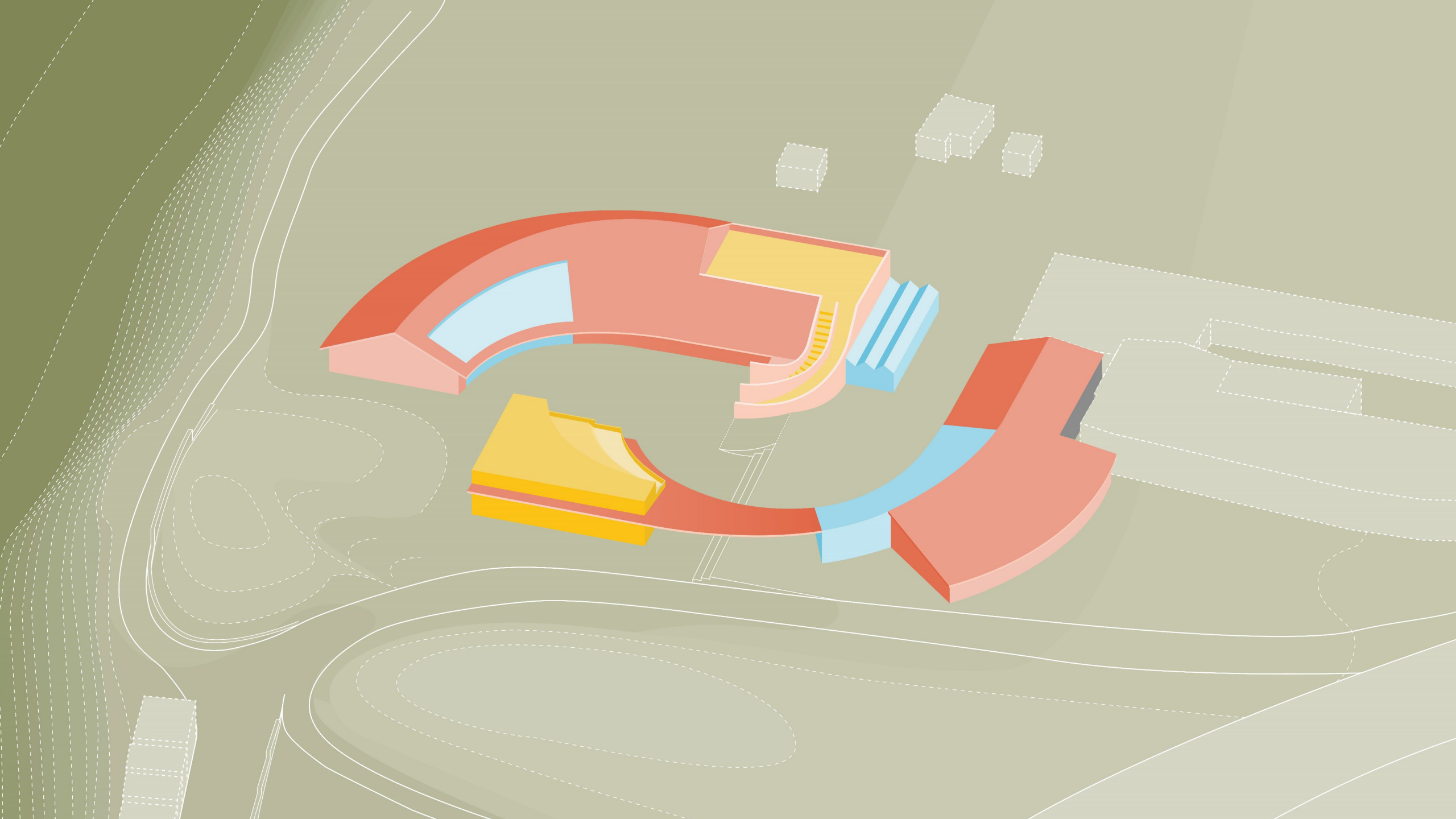


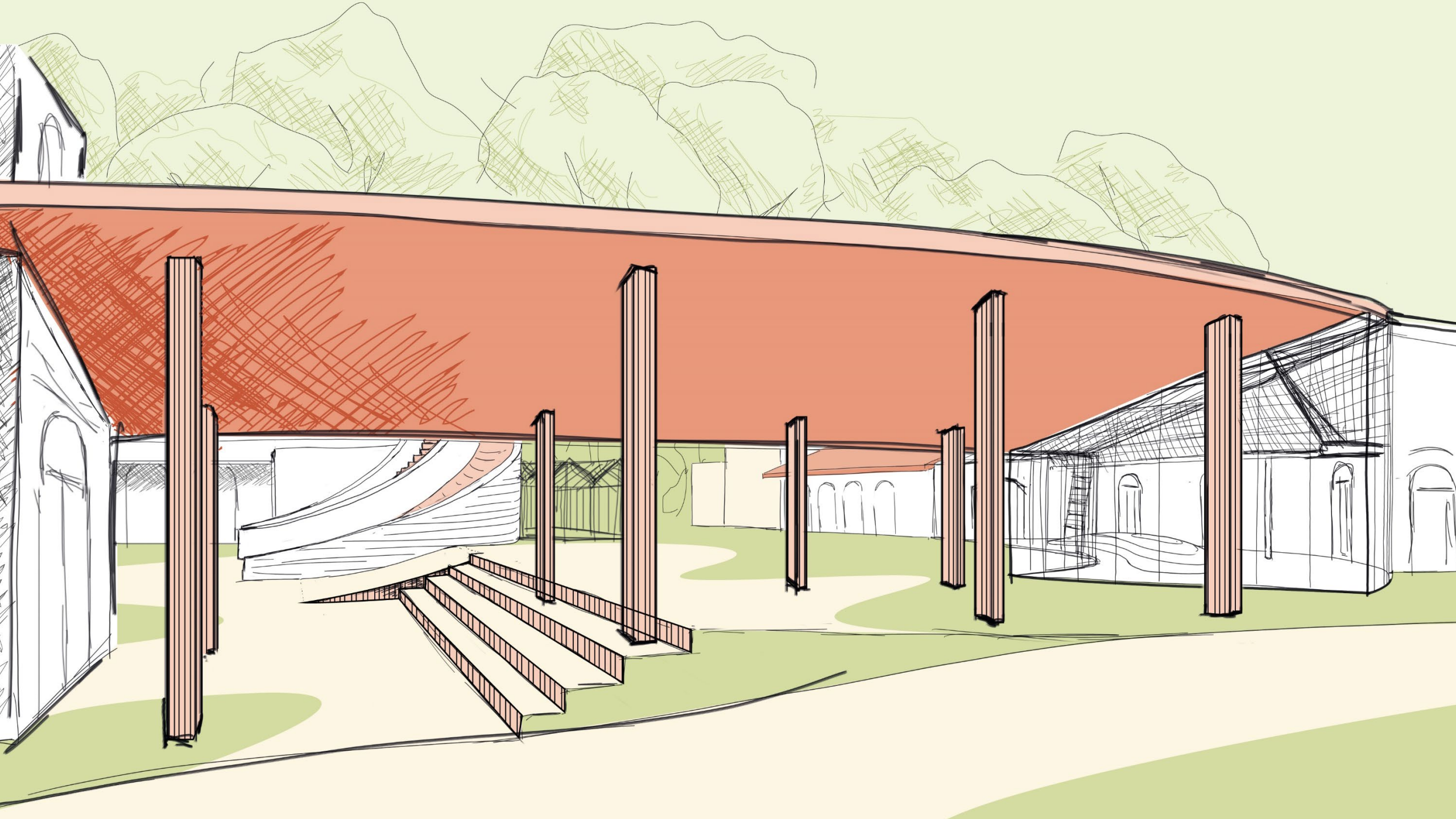


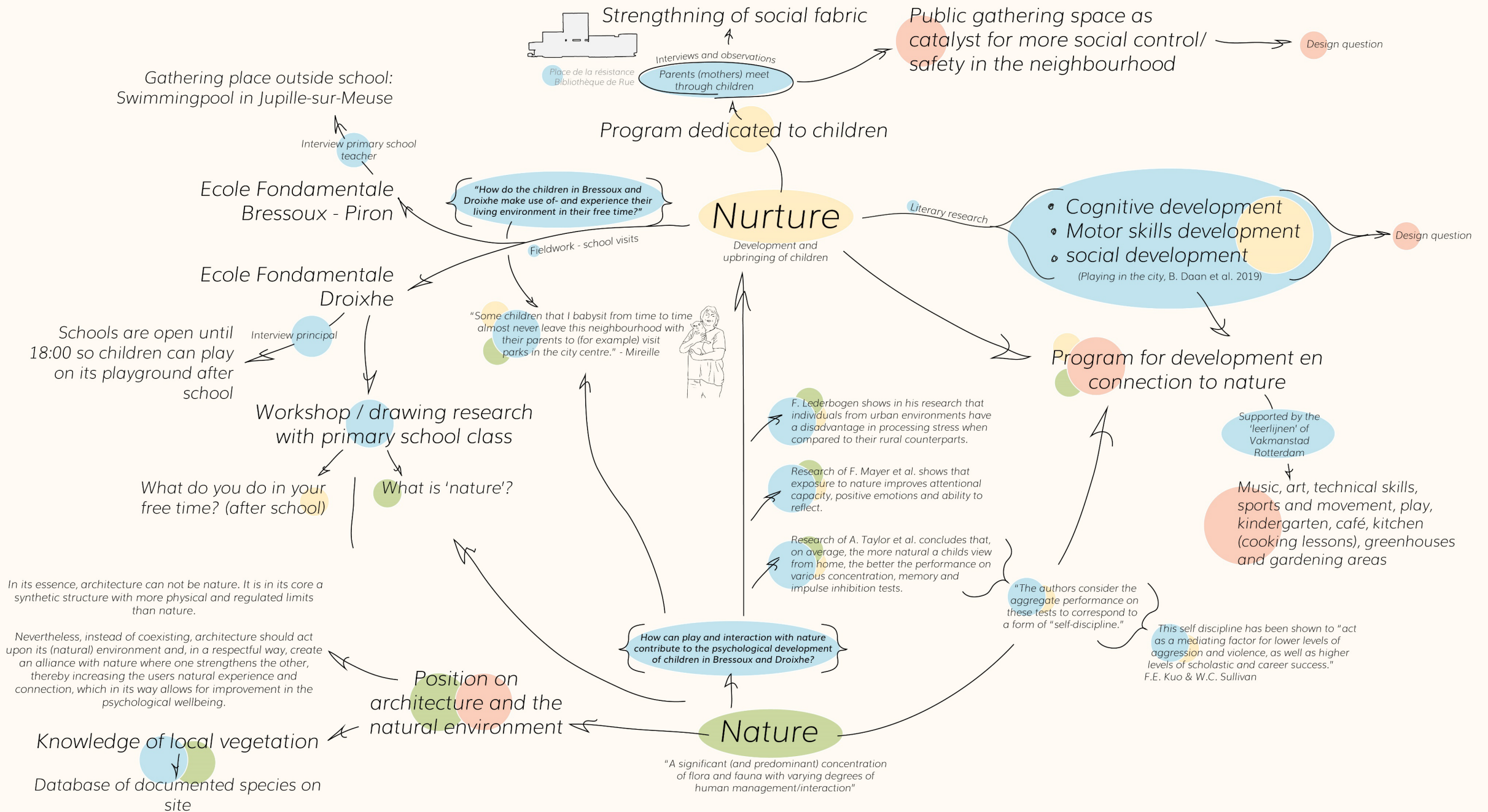


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Upcoming steps and challenges:

