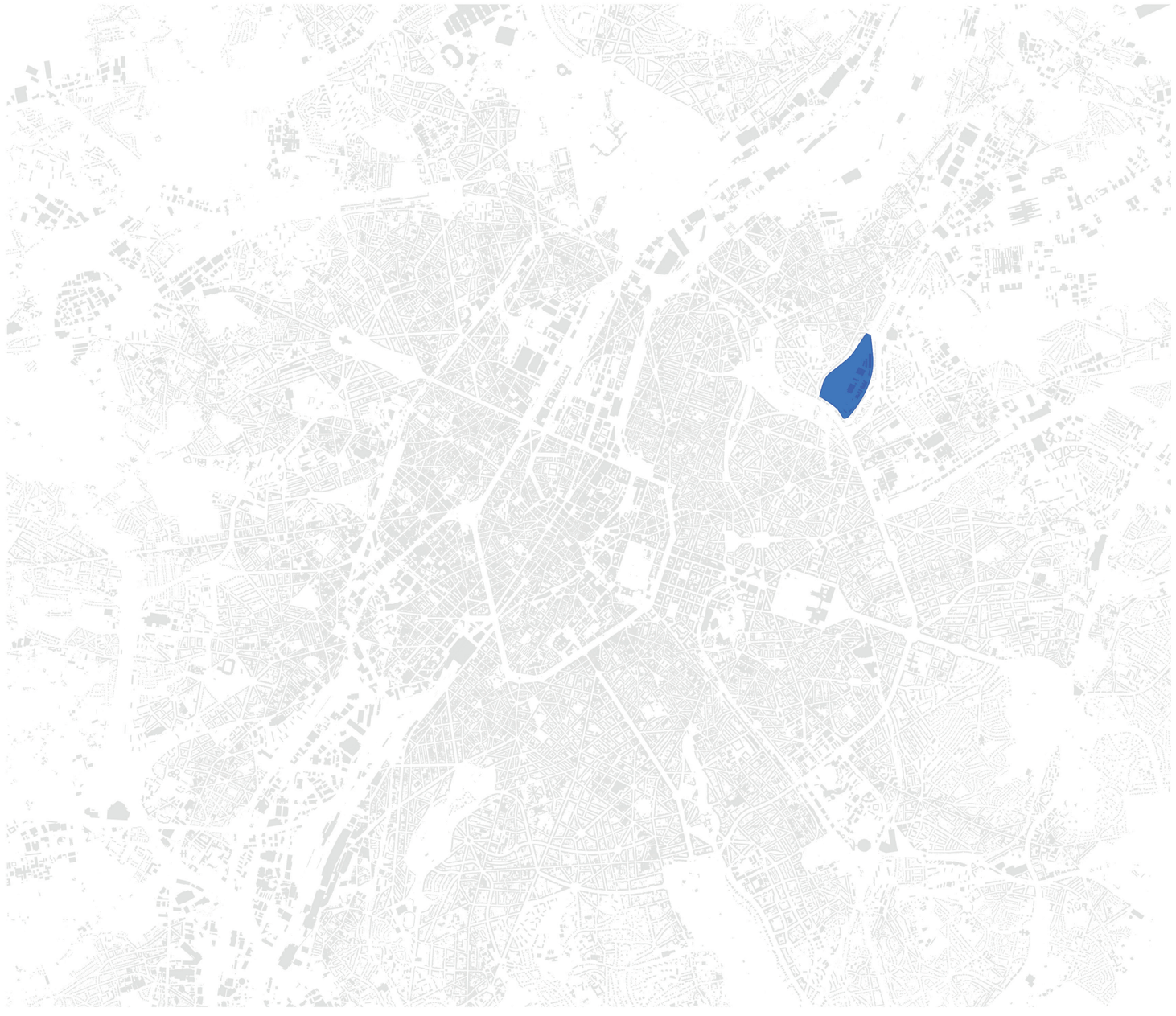
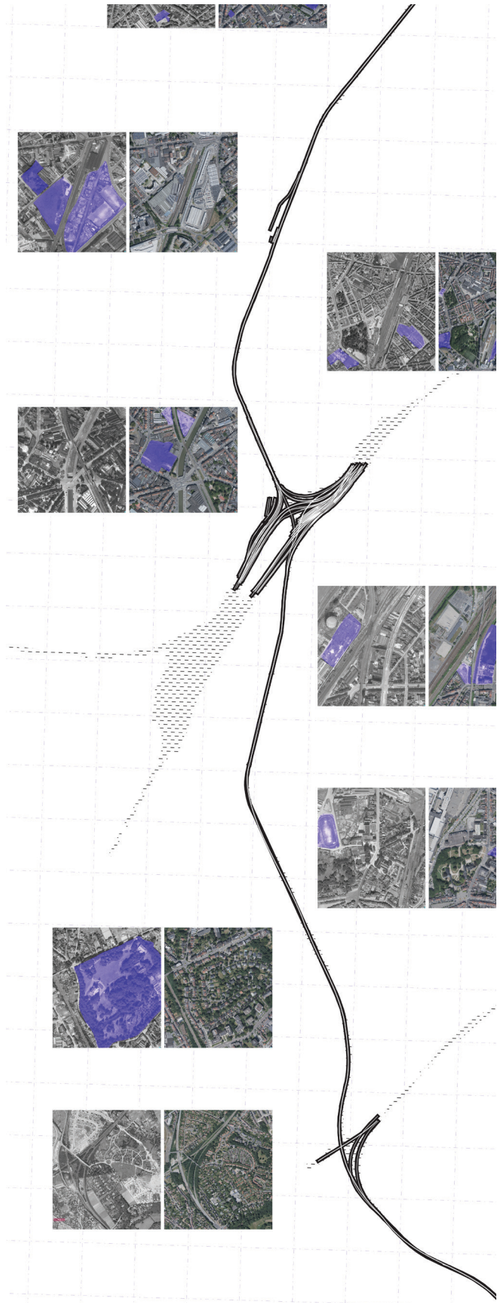
TU Delft

LOCATION



The impermanence of urban conditions in Brussels.

Nothing is safe from redevelopment, an ever changing fabric

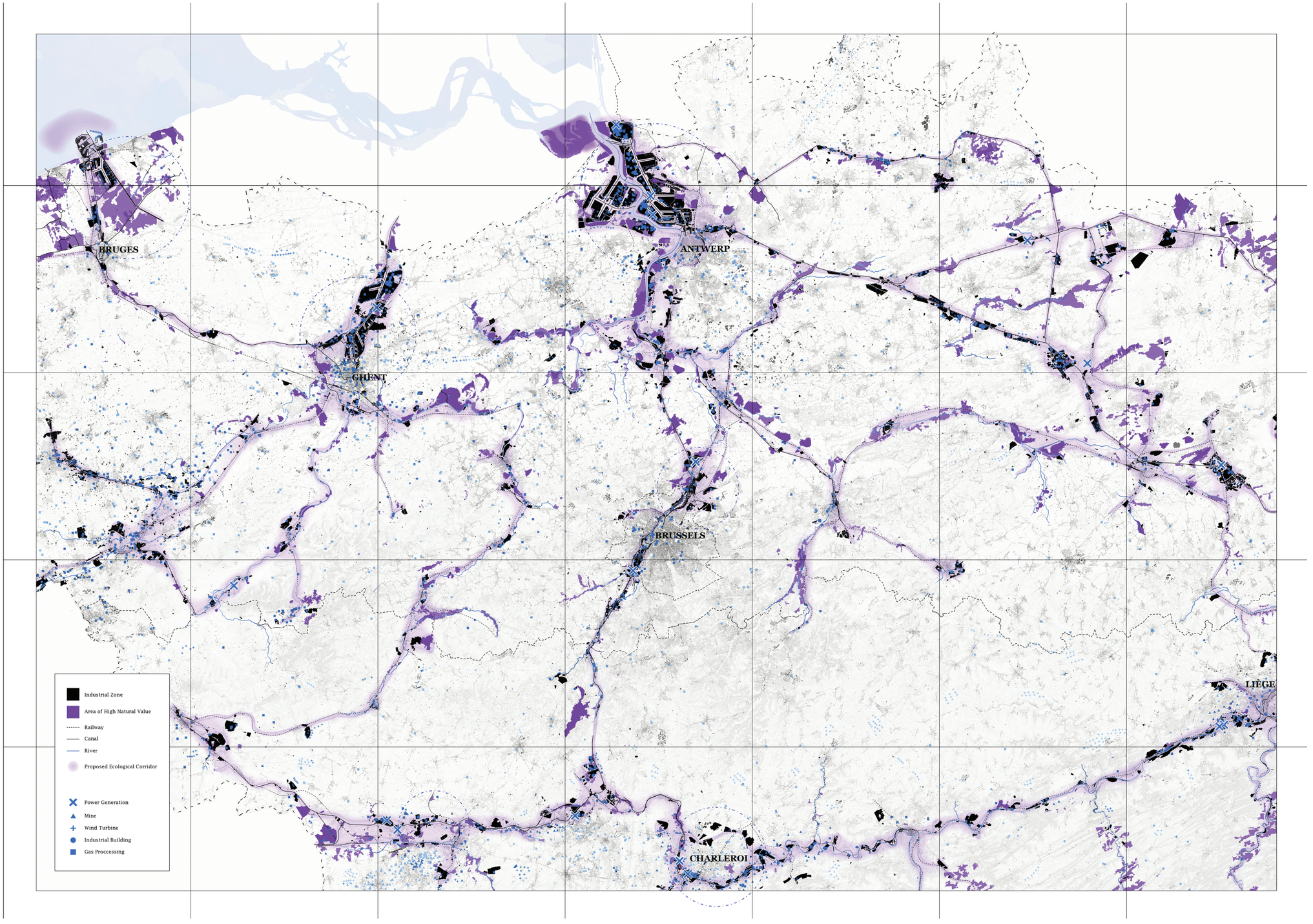


Not even a graveyard

So how is it the friche remains?

And How can we protects it

RESEARCH


BRUGES
GHENT
ANTWERP
BRUSSELS
CHARLEROI
LIÈGE
Industrial Zone
Area of High Natural Value
Railway
Canal
River
Proposed Ecological Corridor
Power Generation
Mine
Wind Turbine
Industrial Building
Gas Proccessing

What is **'nature'***?*

Where does the city end and **'outside'** *begin?*

What is the **urban fringe***?*

“ *city-as-object*
and
rural as-background

no longer exist;
what is left now is an ambiguous and hybrid condition that has no genetic code and is impossible to describe in typological terms. ”

“ *What we can consider nature,*
or wilderness,
or rural,
is now a purely arbitrary discussion
centred solely around idealised notions
or conceptualisations of what nature
means to us. ”

“ These notions give little consideration
to what nature truly is,
instead focusing on perceptions of
what we want nature to be - beautiful,
useful, sacred, pure. ”

Perception as a theme, because ;

“ our innate contradictory discomfort with the idea of living in the Anthropocene. [...]

a landscape in which we have manufactured every aspect of the landscape – ‘natural’ or urban – inherently disrupts this ingrained sentiment of a singular ‘nature’. ”

And, in relation to the Friche ;

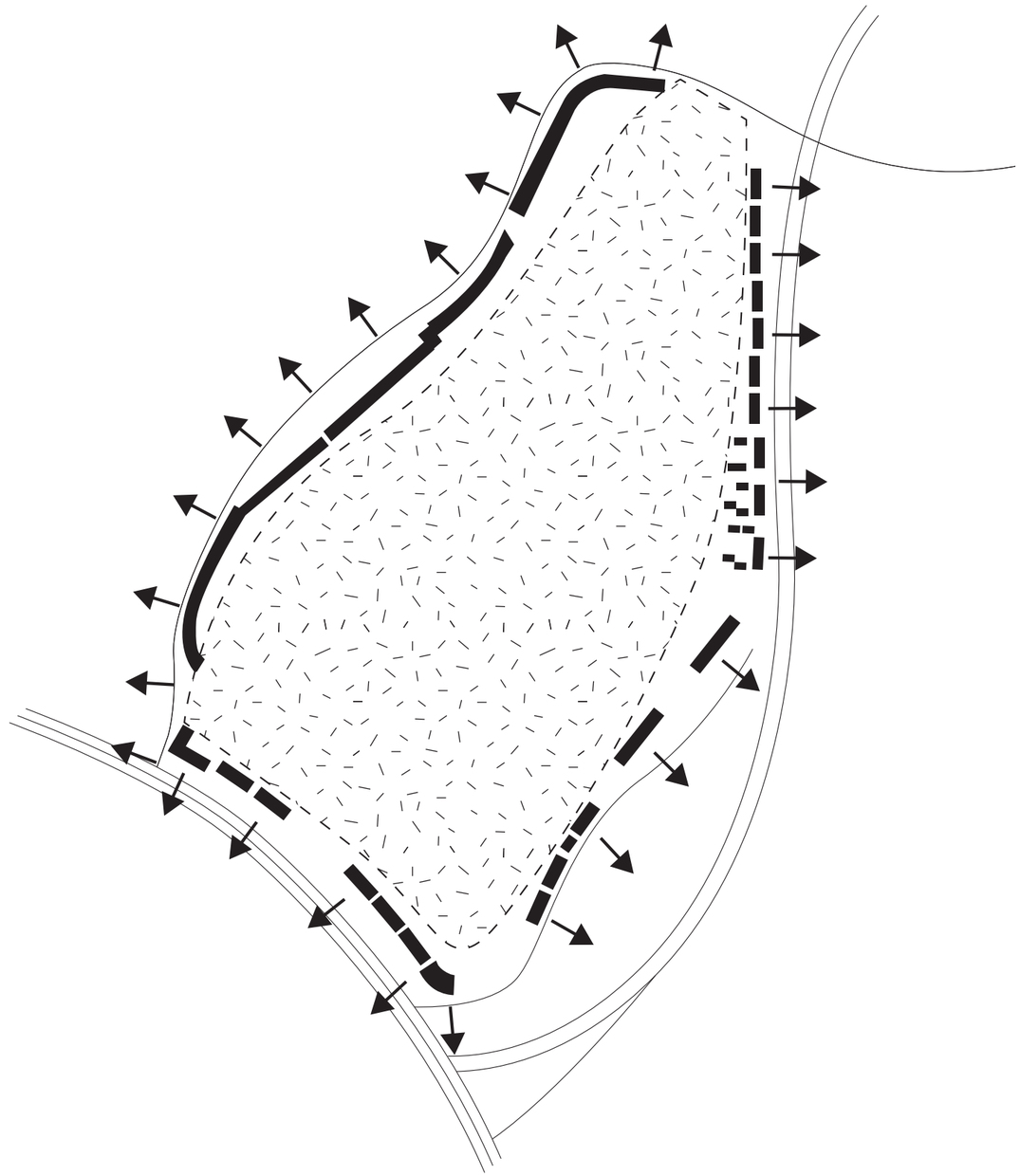
“ In the urban society there is no longer
an ‘elsewhere’,
an ‘outside’,
or a ‘wasteland’
where we can simply leave ‘nature’ to
itself,

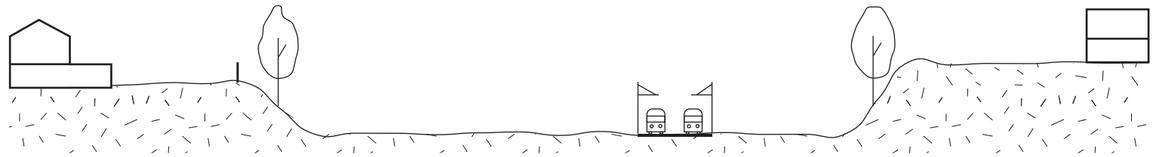
there are only opportunities amongst
the endless expanse of ‘urban’. ”

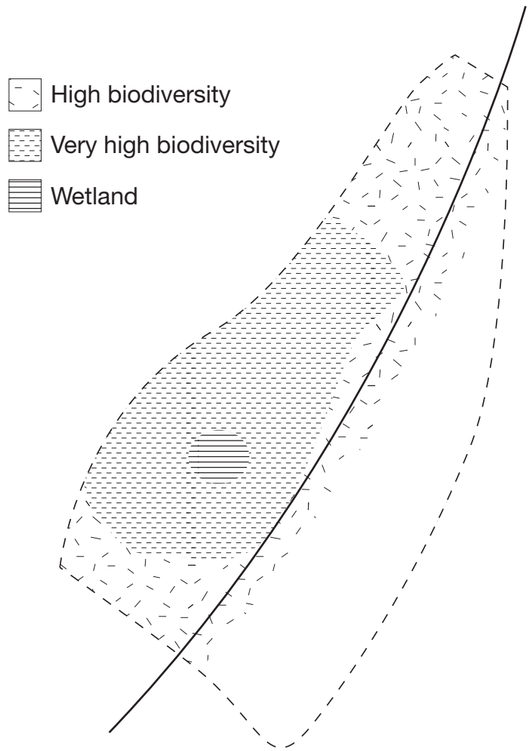
PRIVAAT TERREIN
VERBODEN TOEGANG
VOOR ONBEVOEGDEN

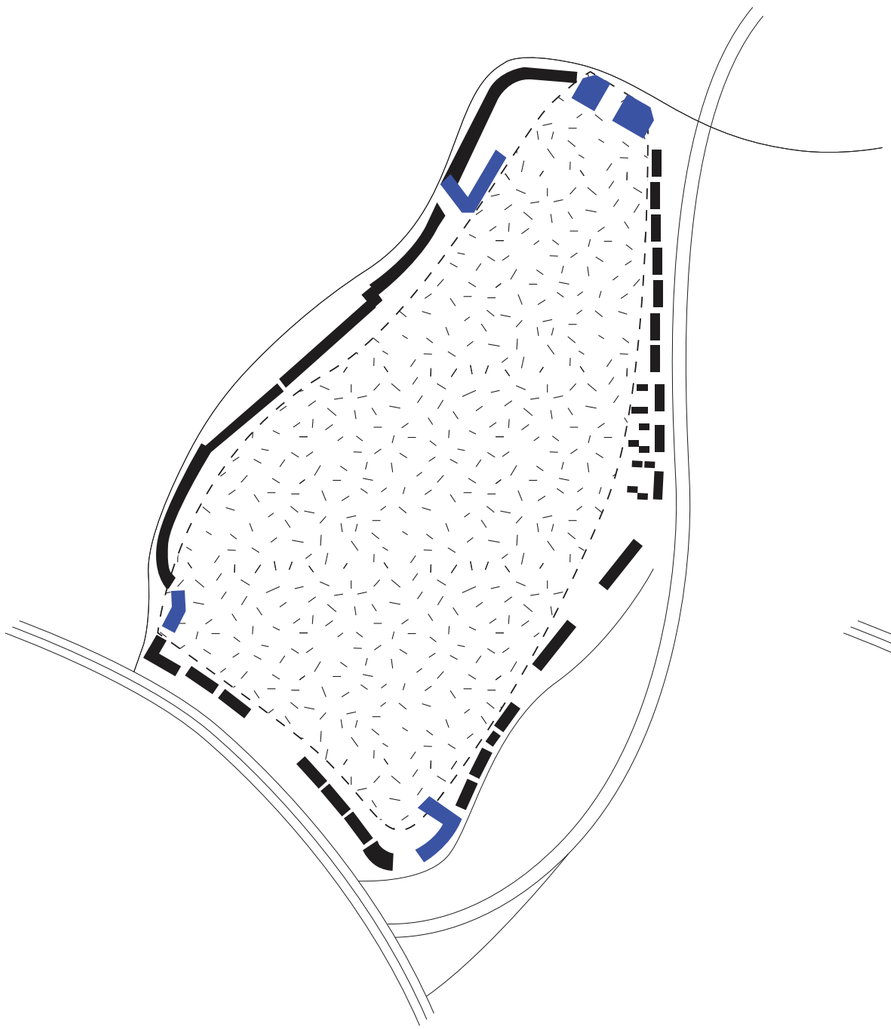
regardless of how 'green' a development presents itself the comfort expected within human habitation defines us as the user, and nature as the other.

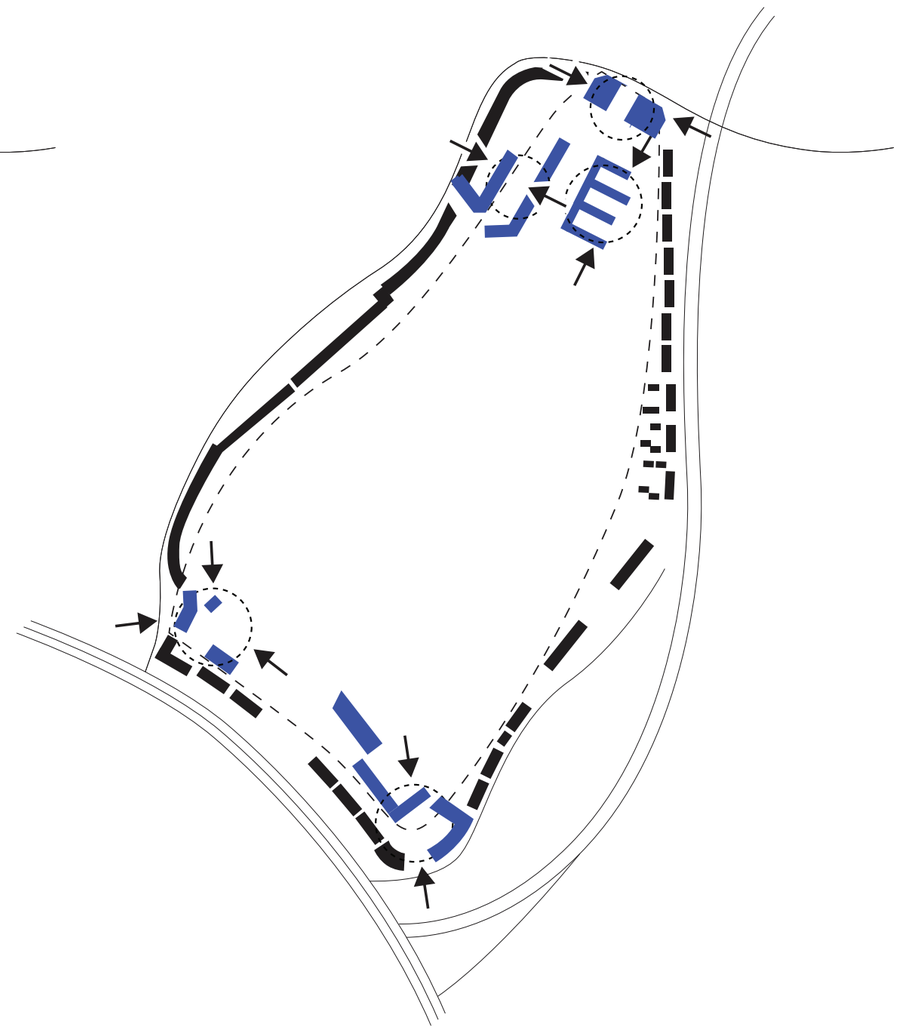
URBAN PLAN

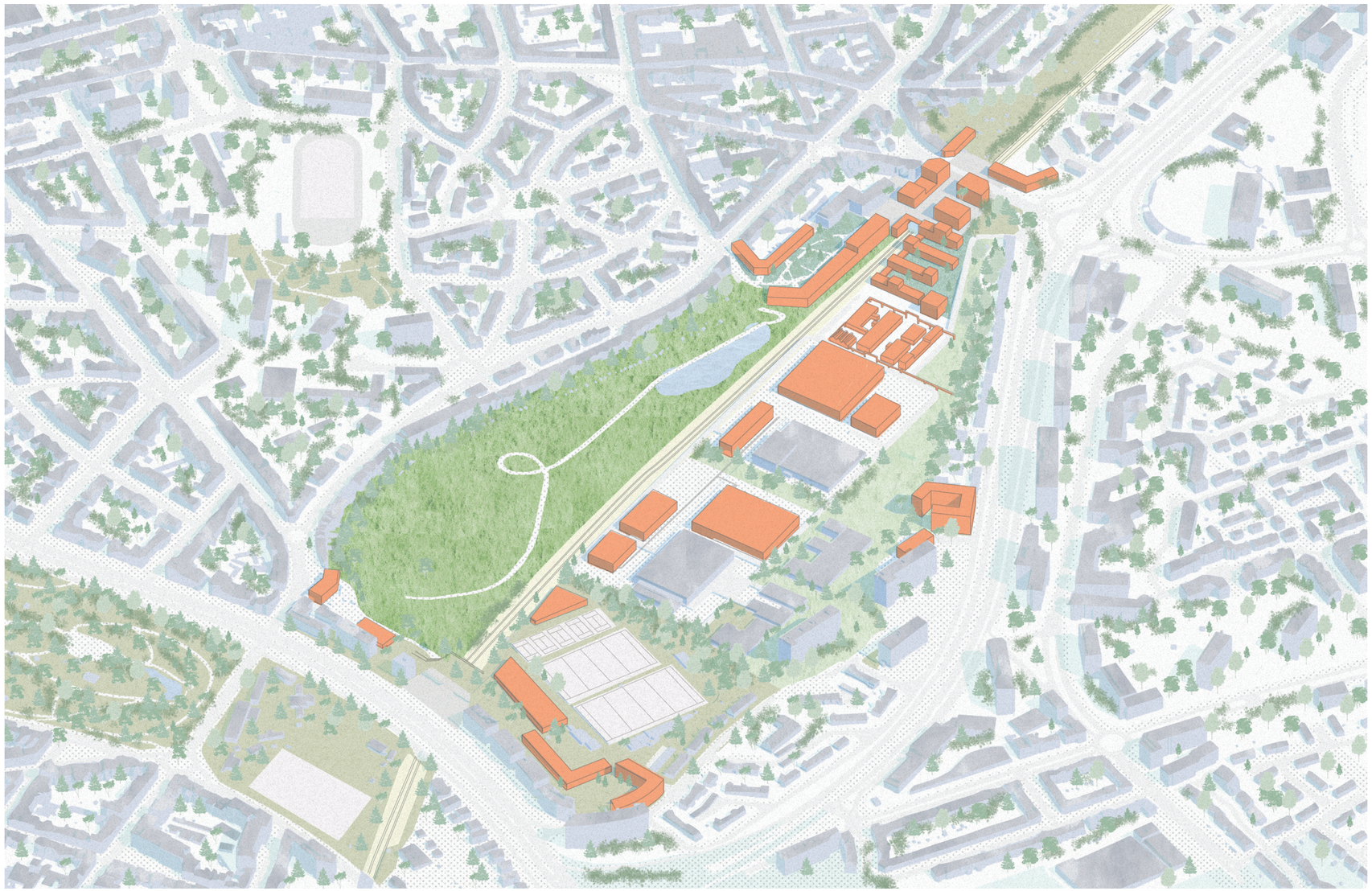


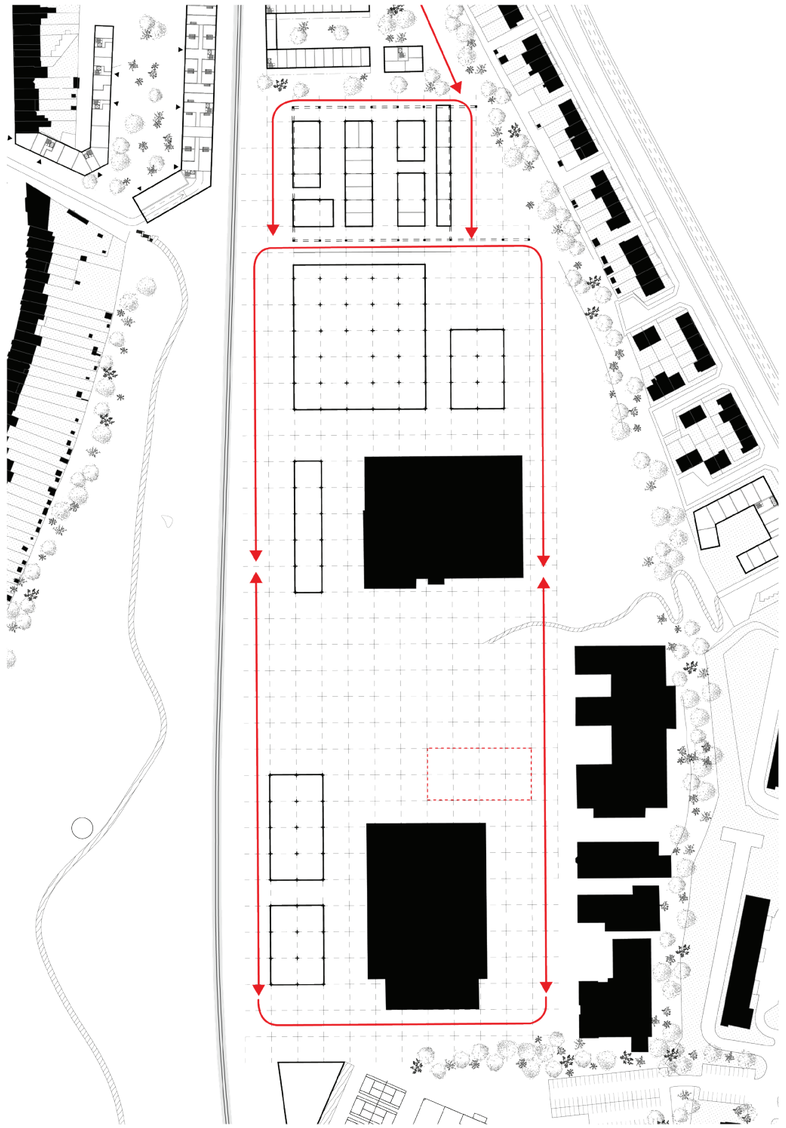


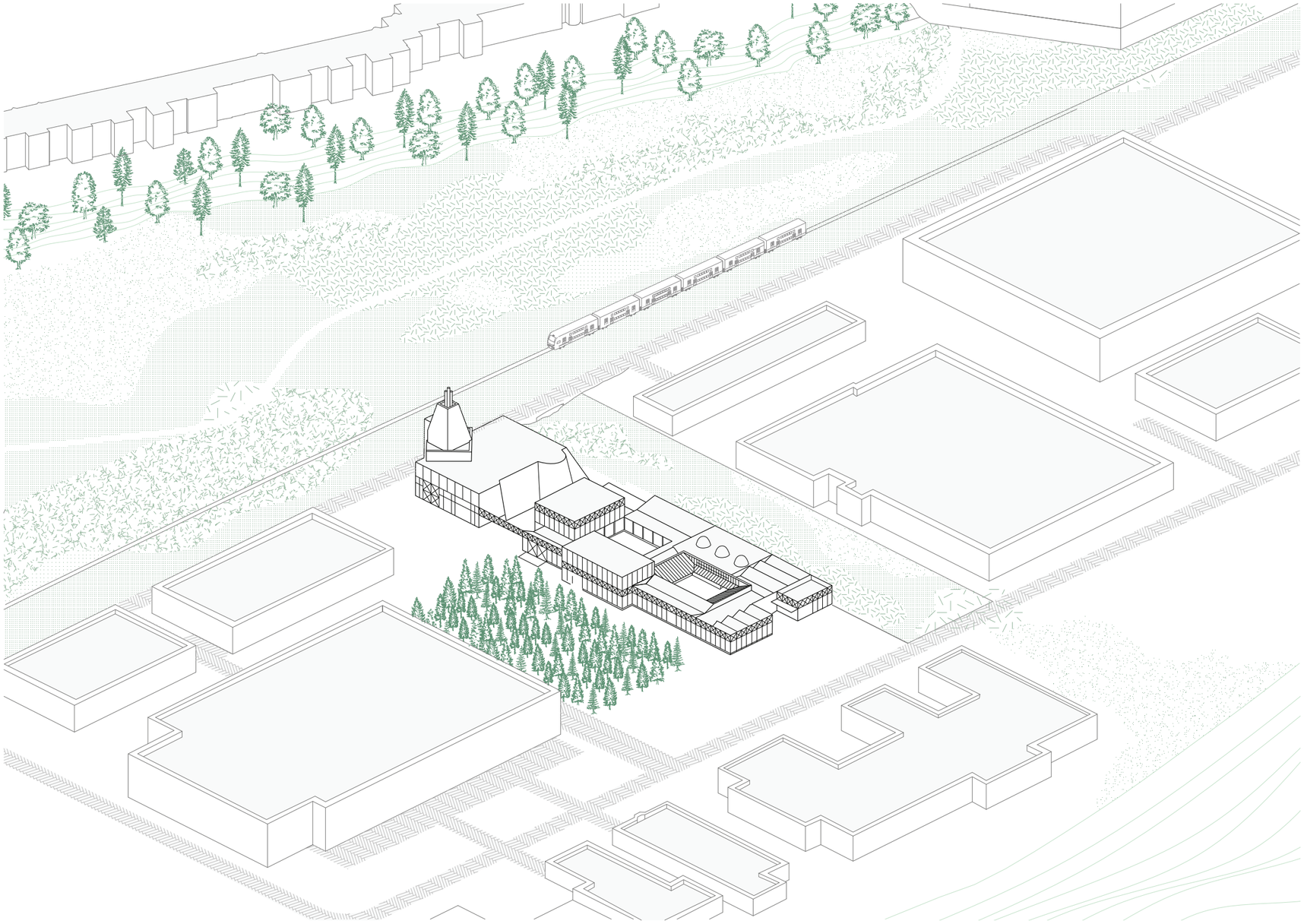

High biodiversity
Very high biodiversity
Wetland





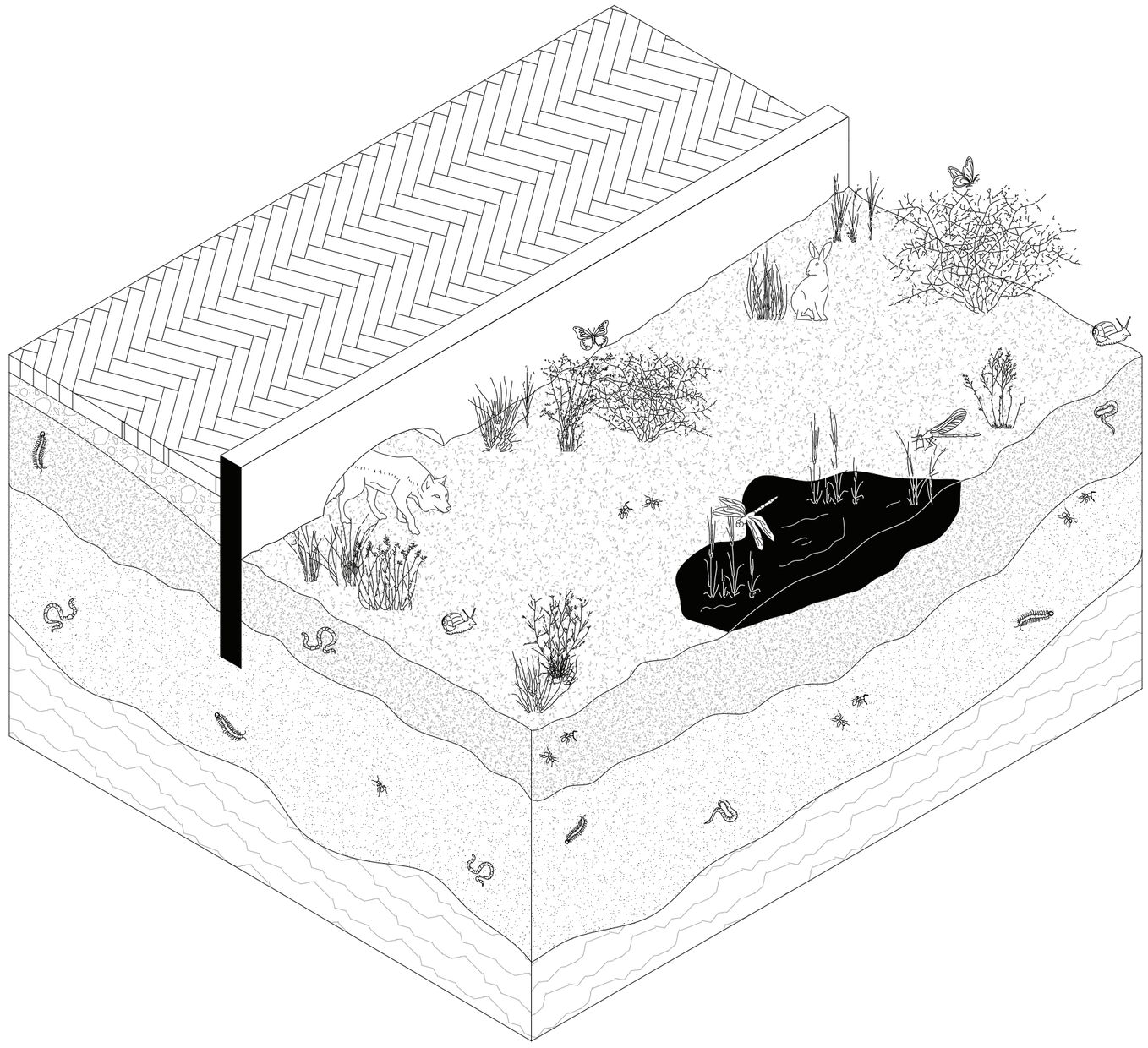


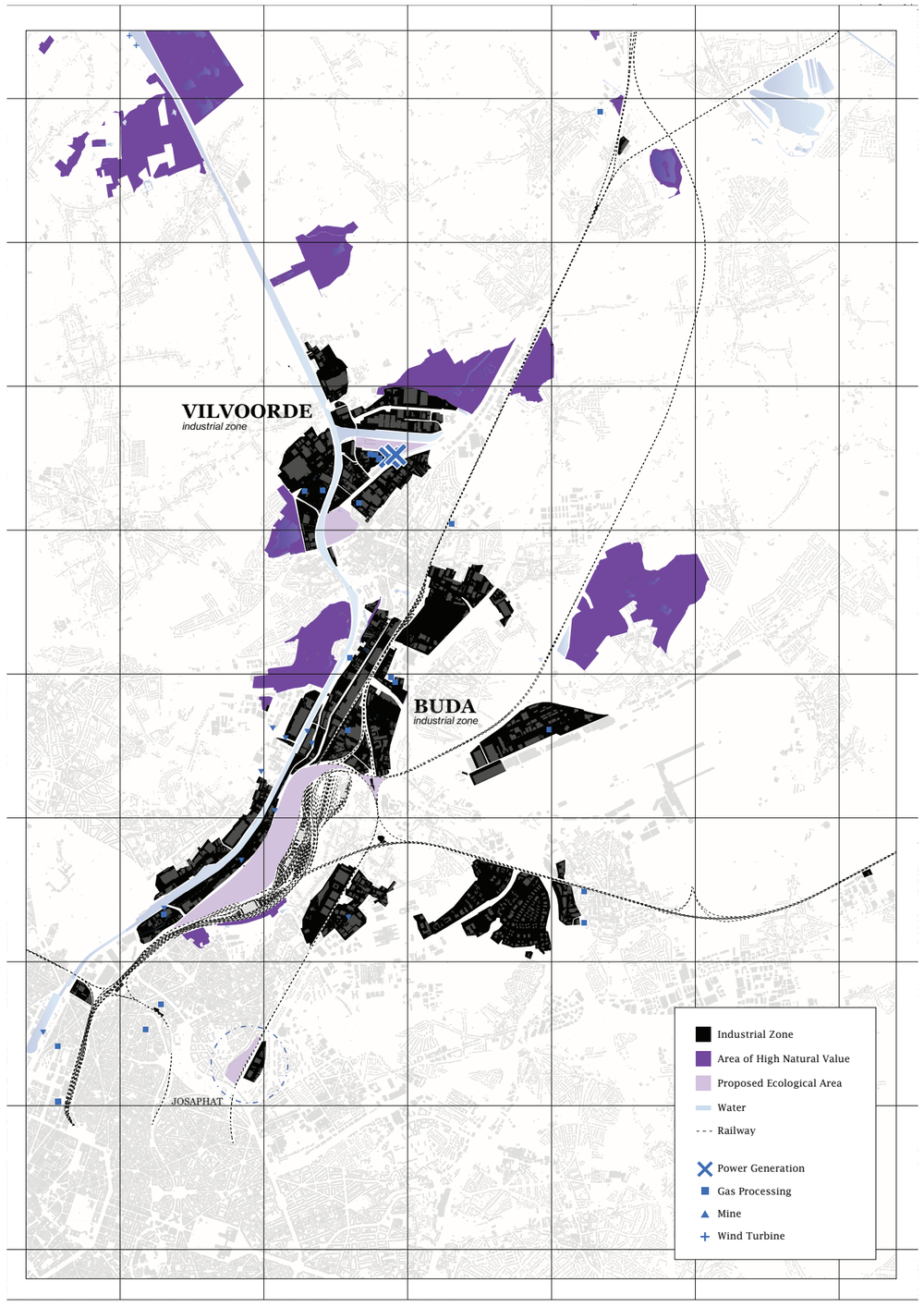




Urban Plan

Urban Isometric




VILVOORDE
industrial zone
BUDA
industrial zone
JOSAPHAT
Industrial Zone
Area of High Natural Value
Proposed Ecological Area
Water
Railway
Power Generation
Gas Processing
Mine
Wind Turbine

FRICHE

Public Interest

Personal Connection

Purpose

ECOLOGY

Private and Secluded

Limited human activity

Messiness

EDUCATION

Exhibition Space

Educational Gardens

Visitor Centre

RESEARCH

Laboratories

Ecotron Mesocosms

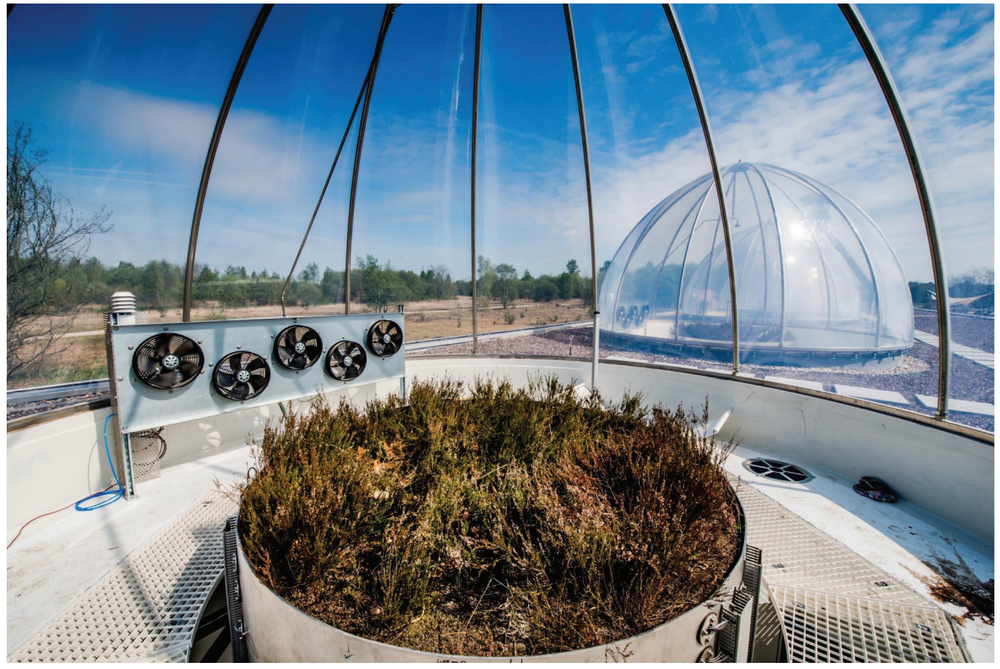
Experimental Biodiversity

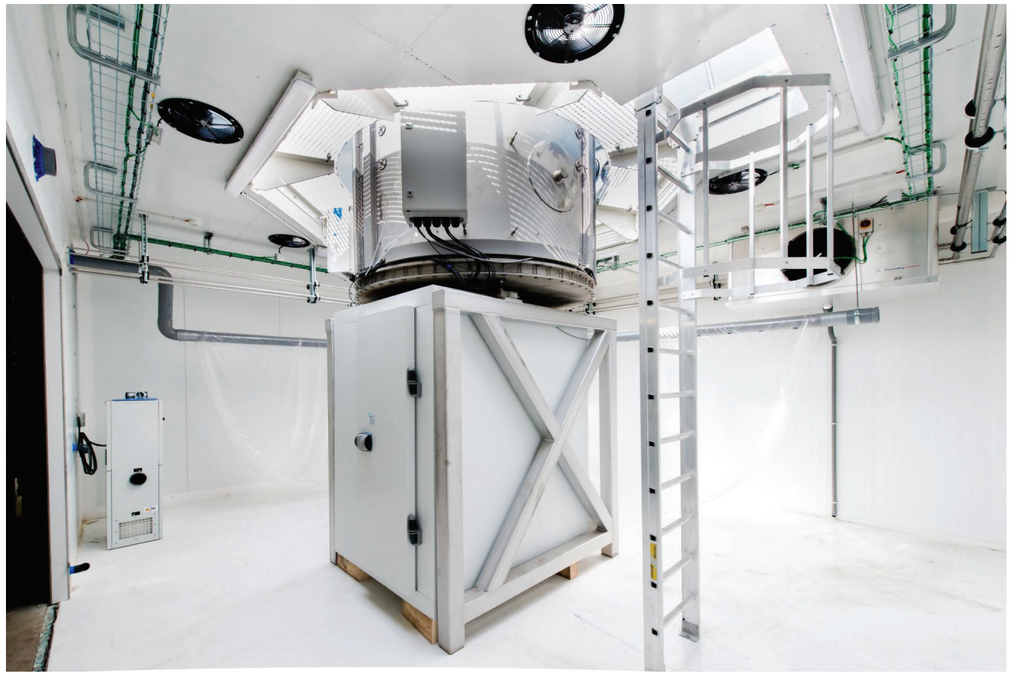
INDUSTRY

Power Generation

Heat Production

Exhaust Chimney

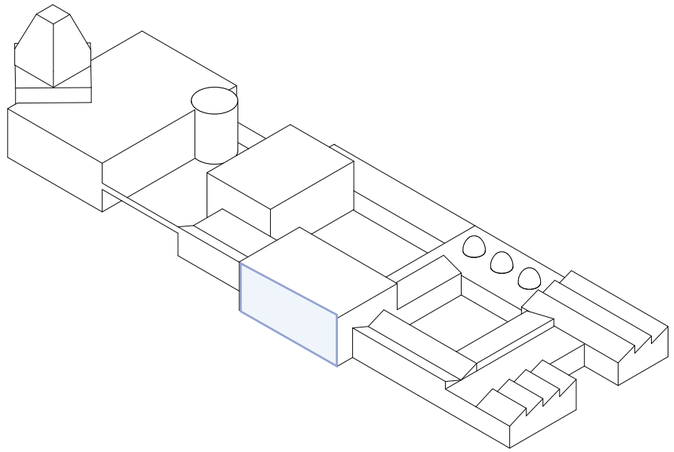


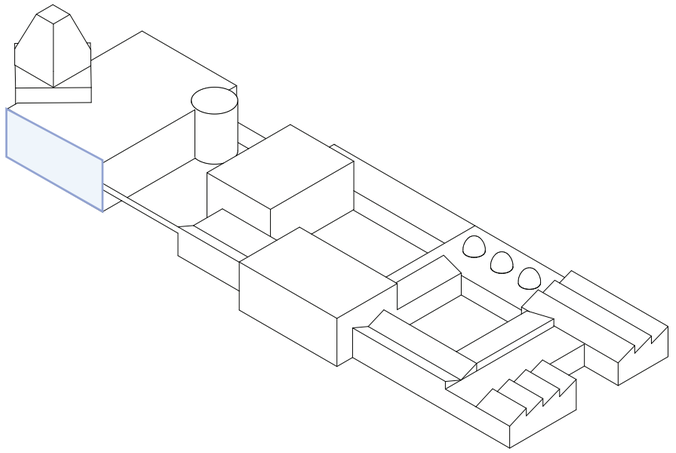


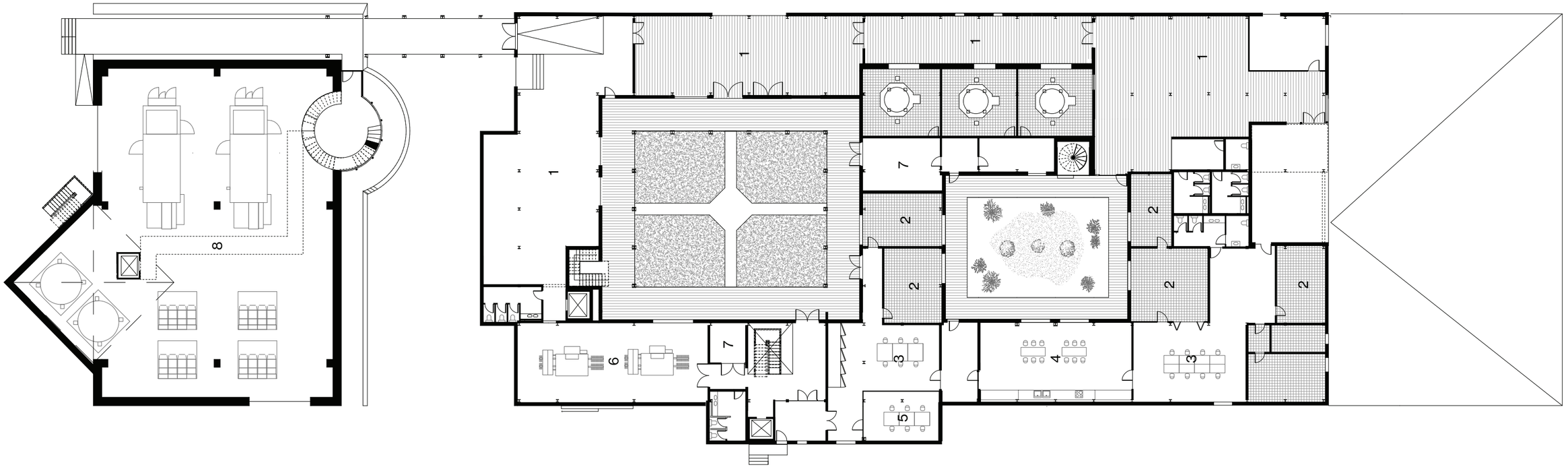
ARCHITECTURE

Facade

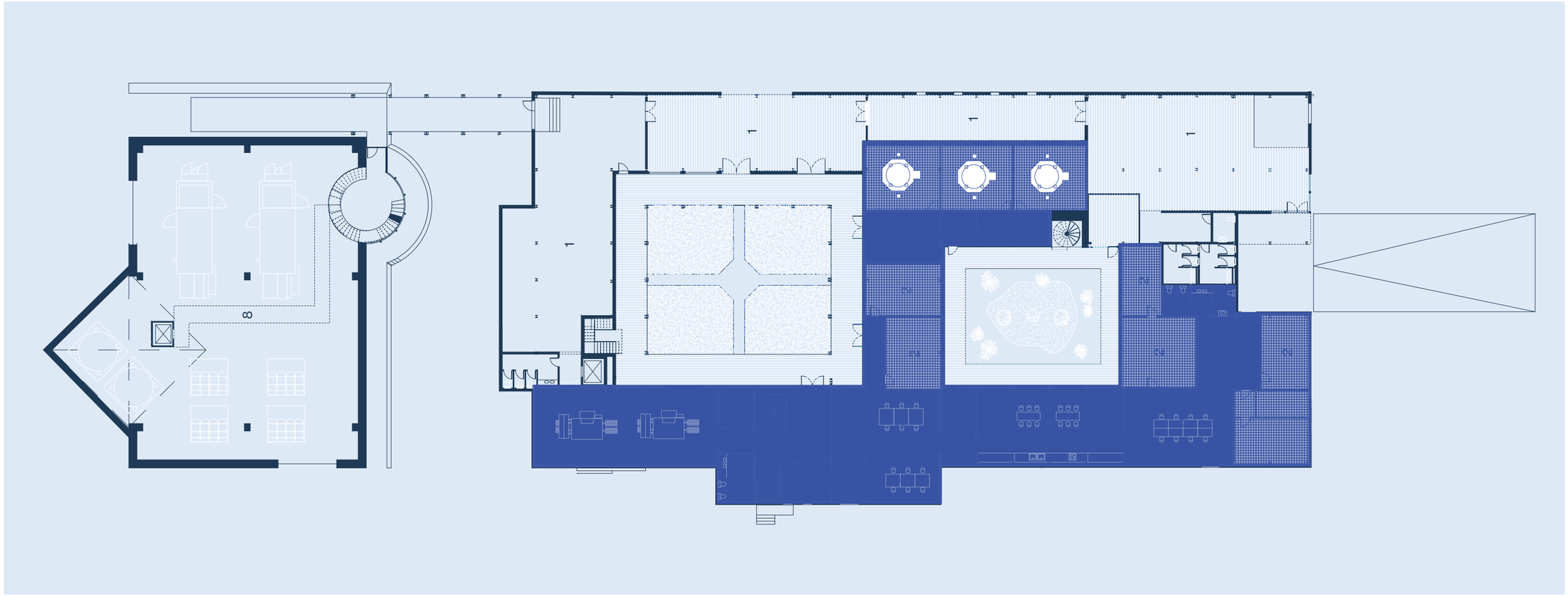
North







1 Exhibition Space
2 Laboratory
3 Office
4 Lunch Room
5 Conference Room
6 Transformer Room
7 Storage
8 Combined Heat-Power Plant



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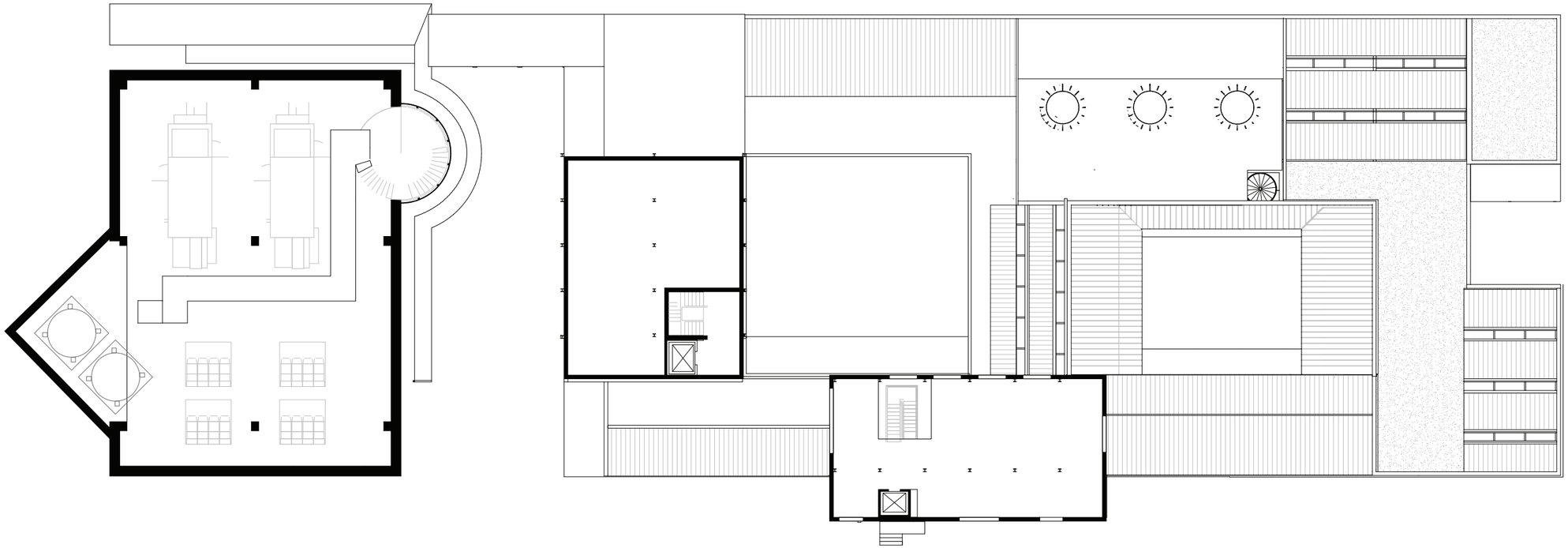
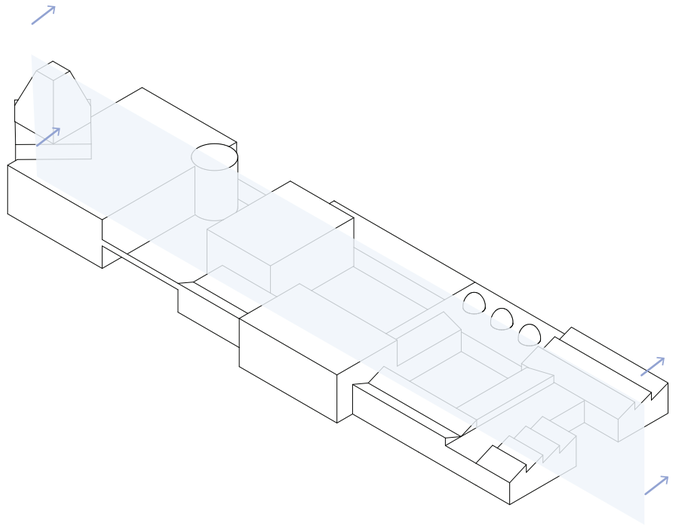
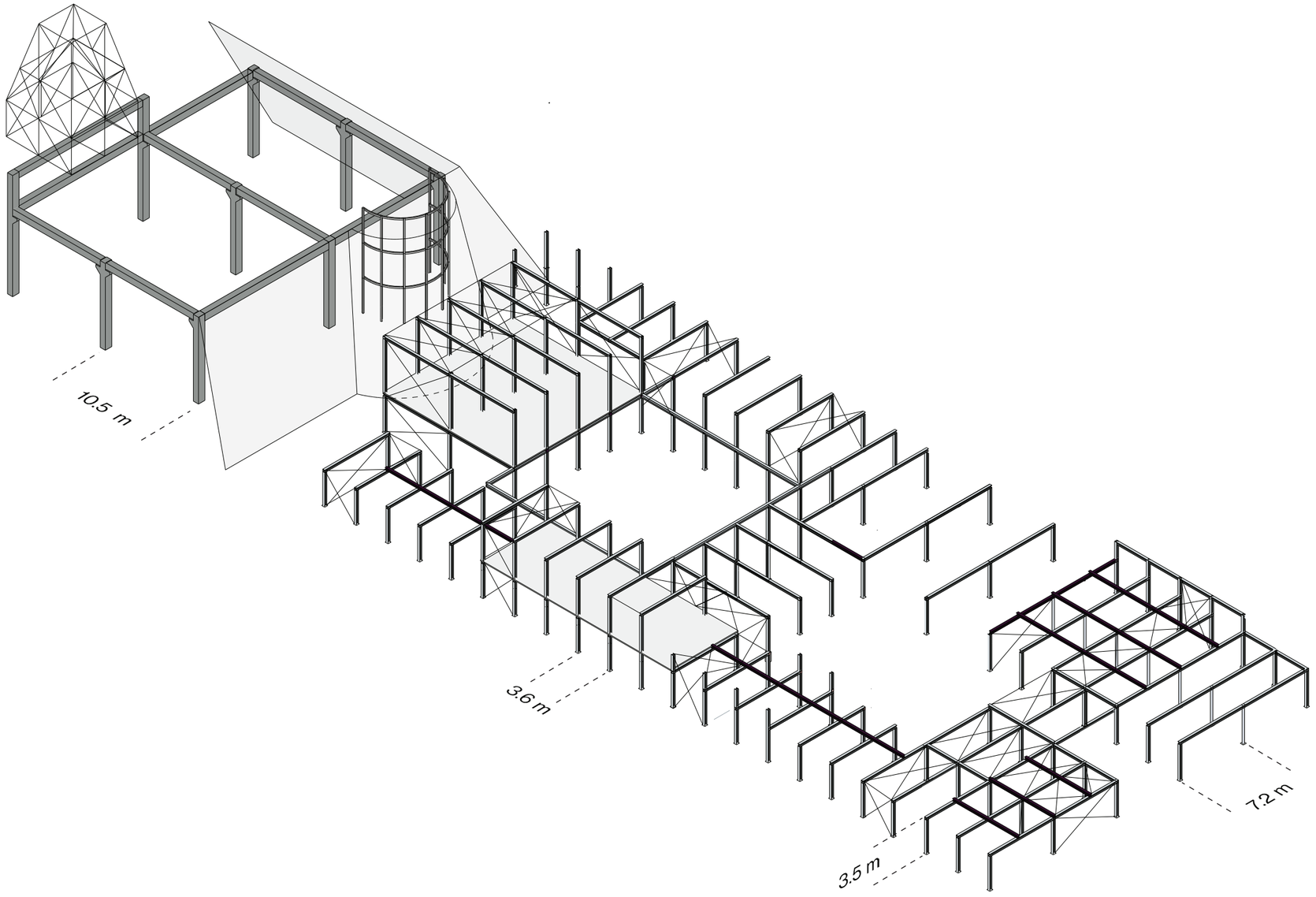
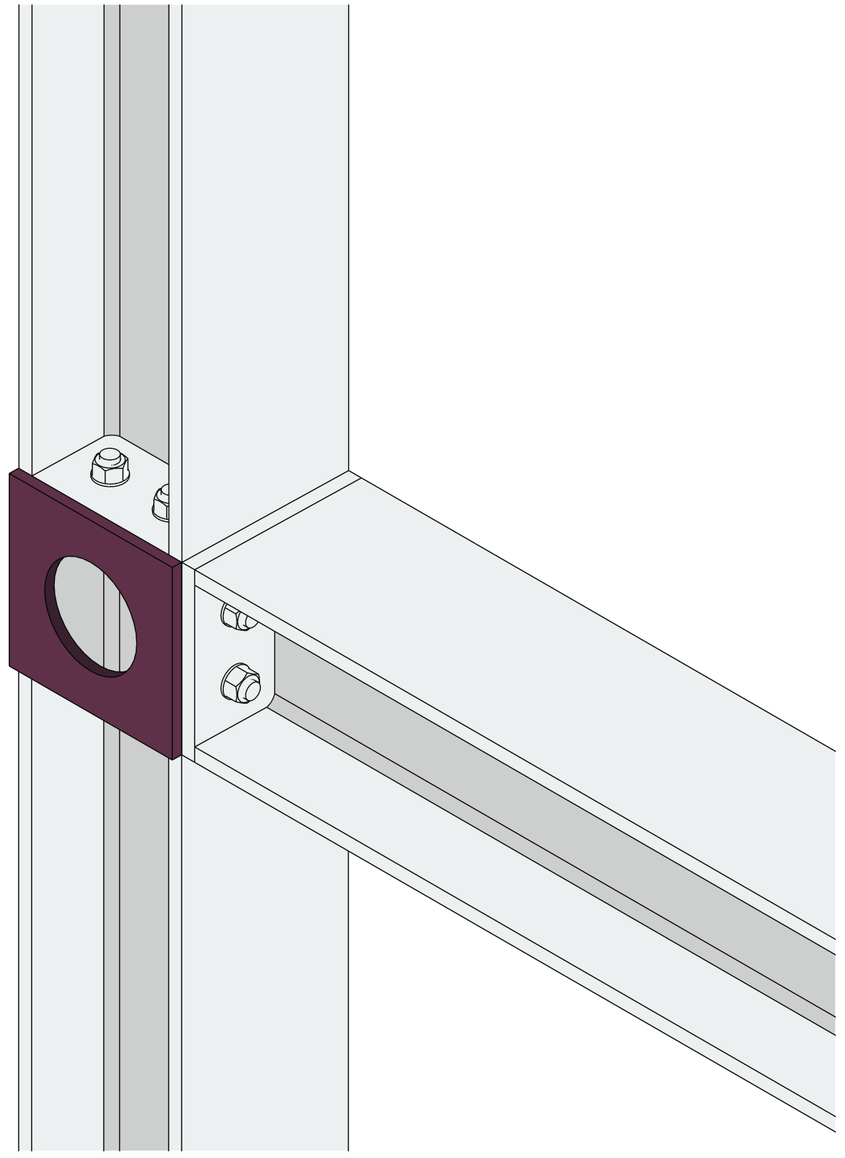


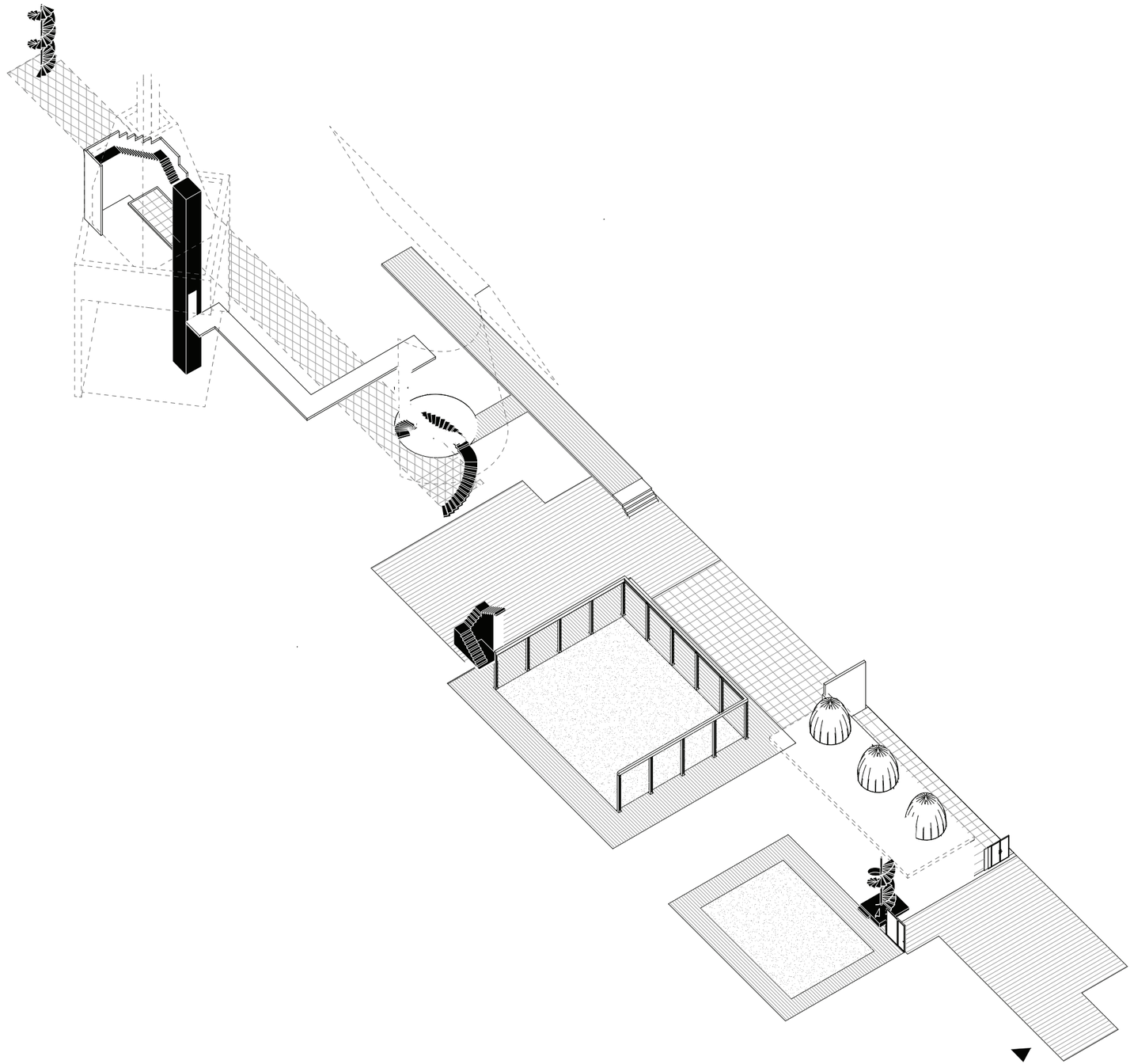


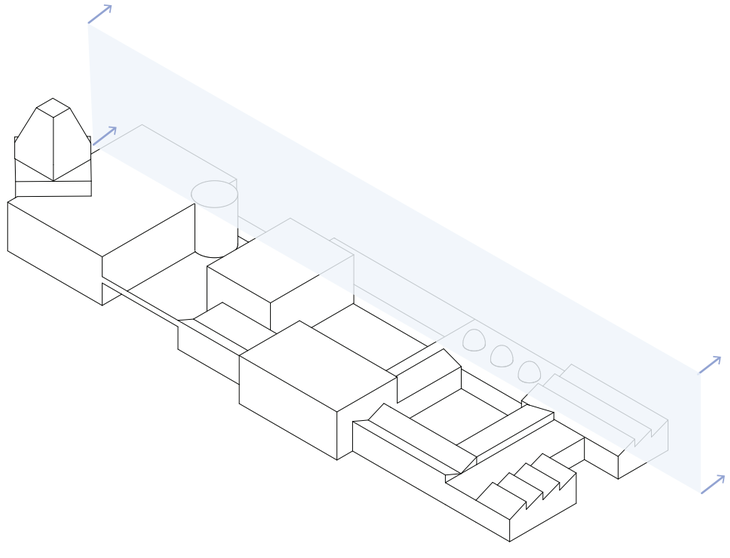
Section

Courtyards

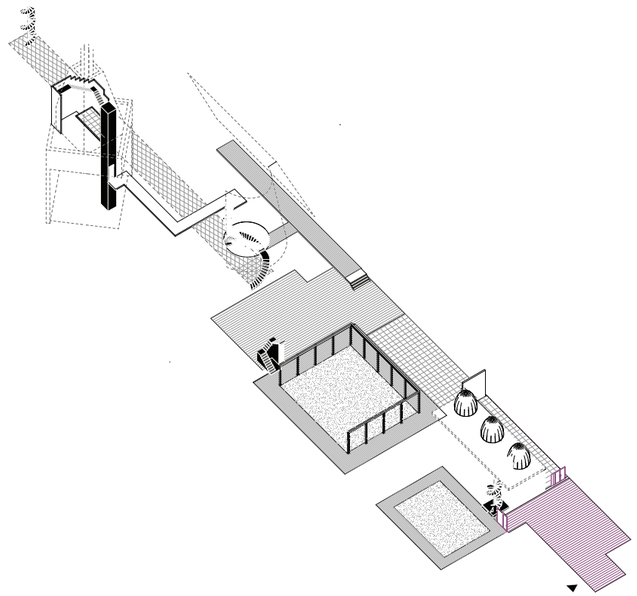

10.5 m
3.6 m
3.5 m
7.2 m





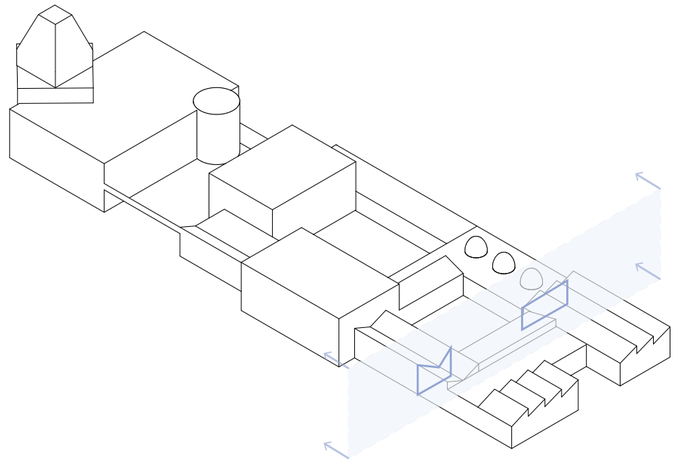


CENTRALE JOSAPHAT



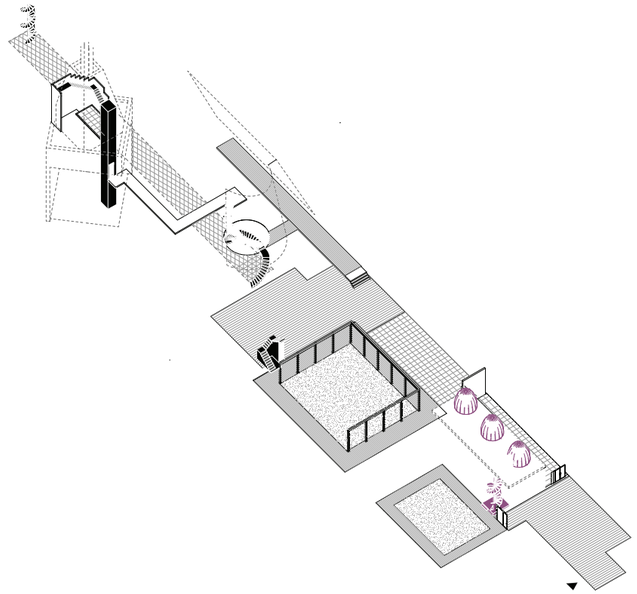
Public Route

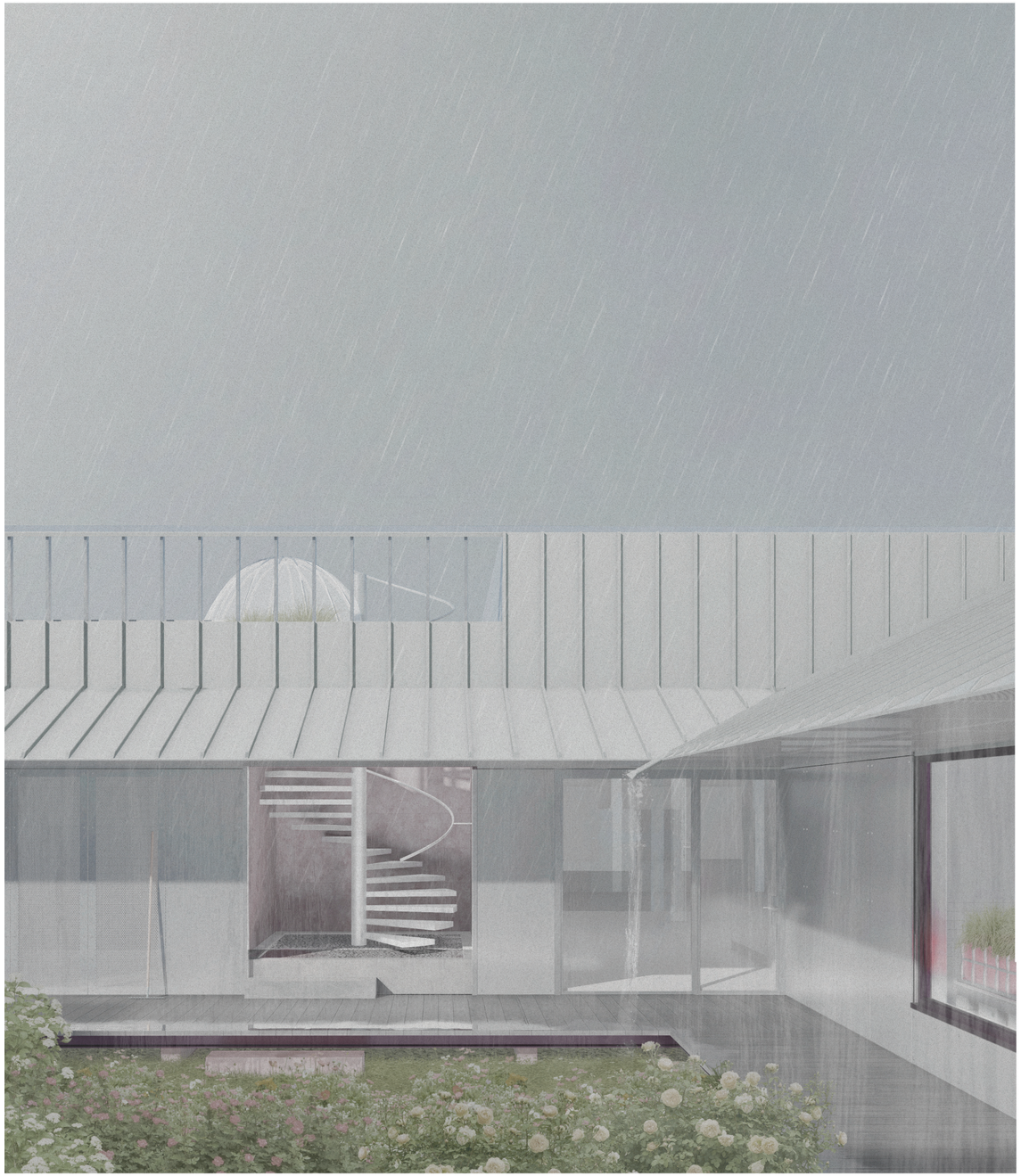
Exhibition Space



Section

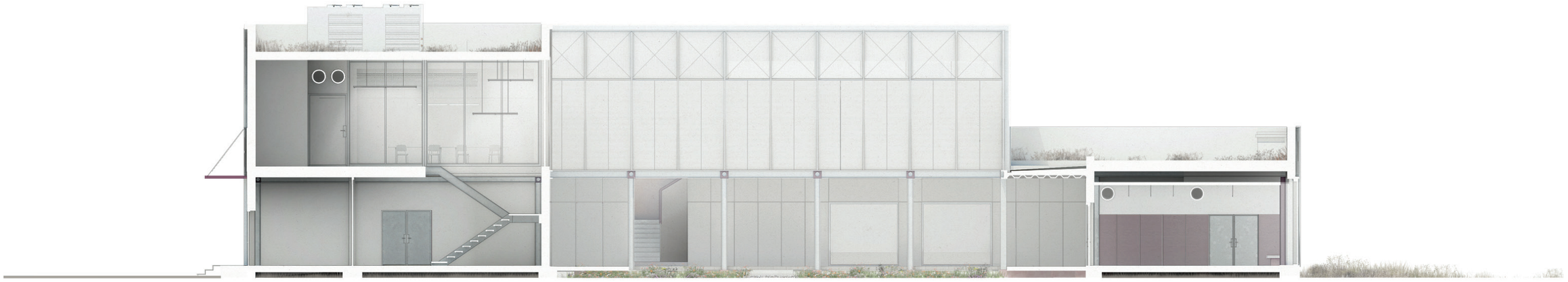
Courtyard

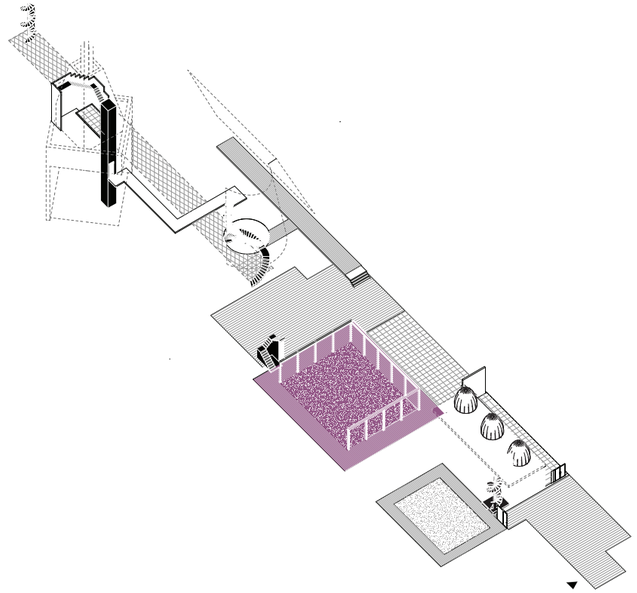


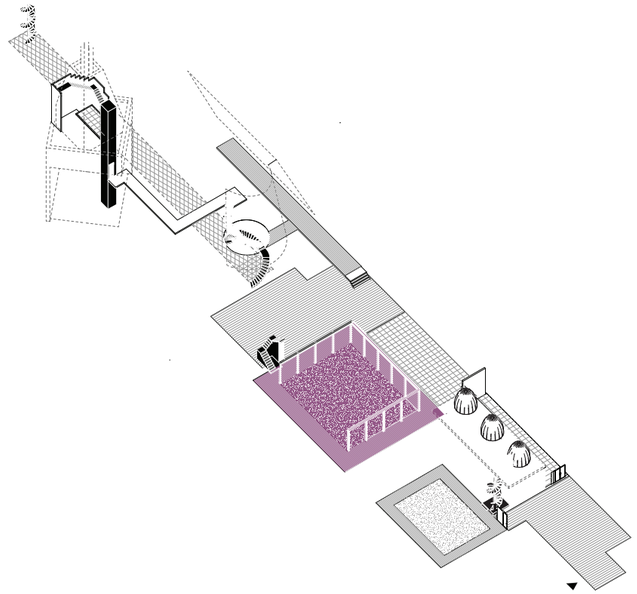


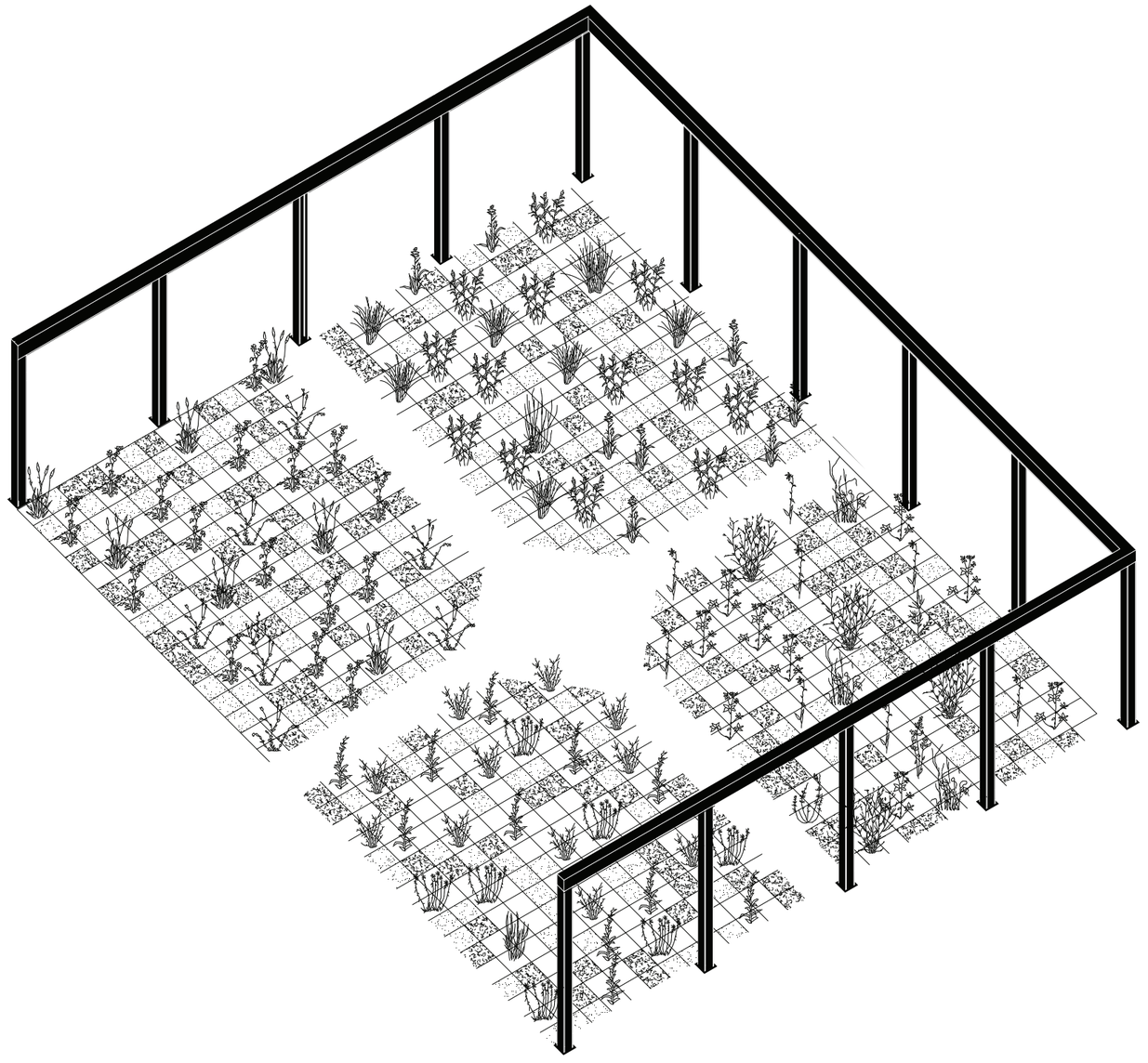
Public Route

Exhibition Space



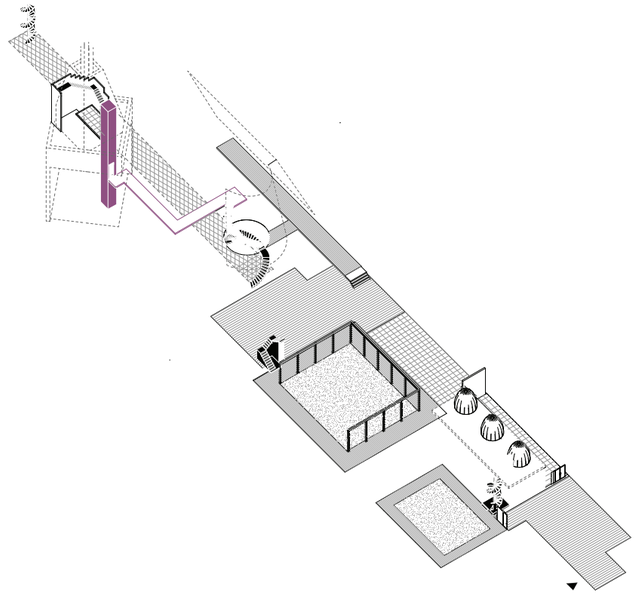


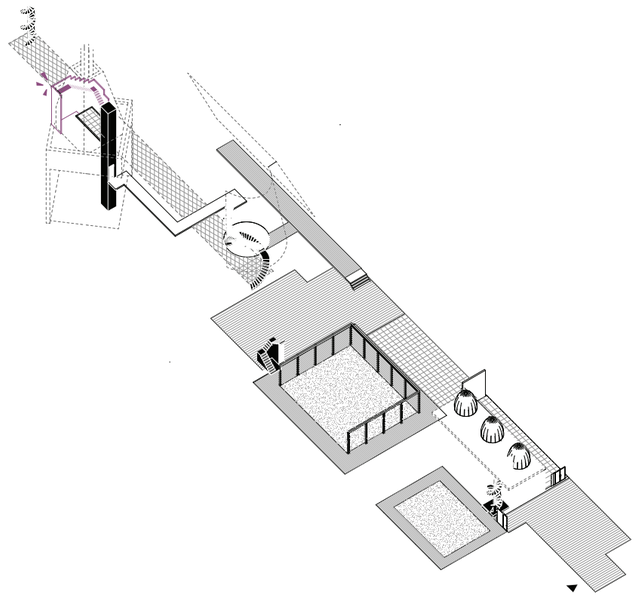


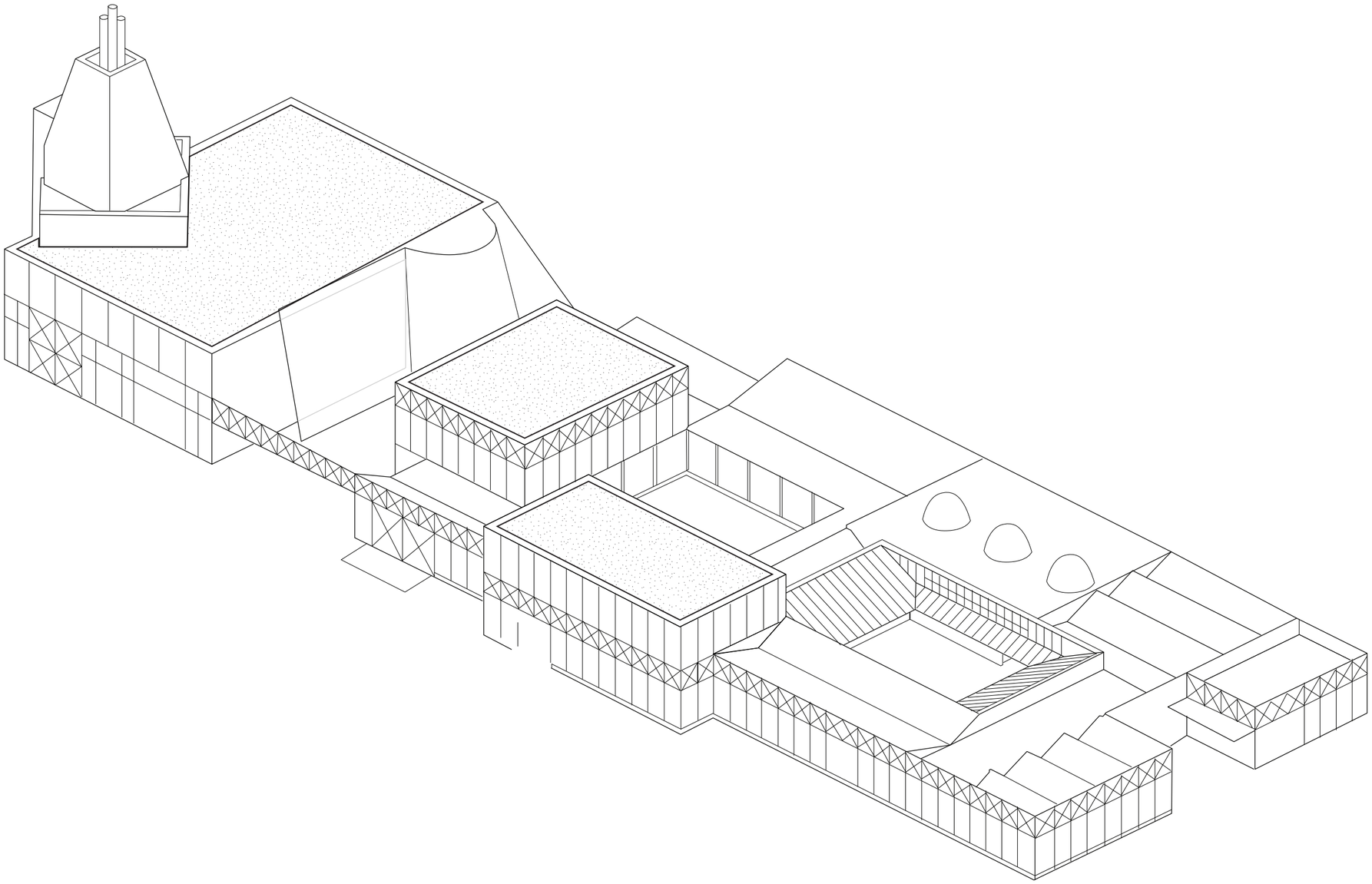


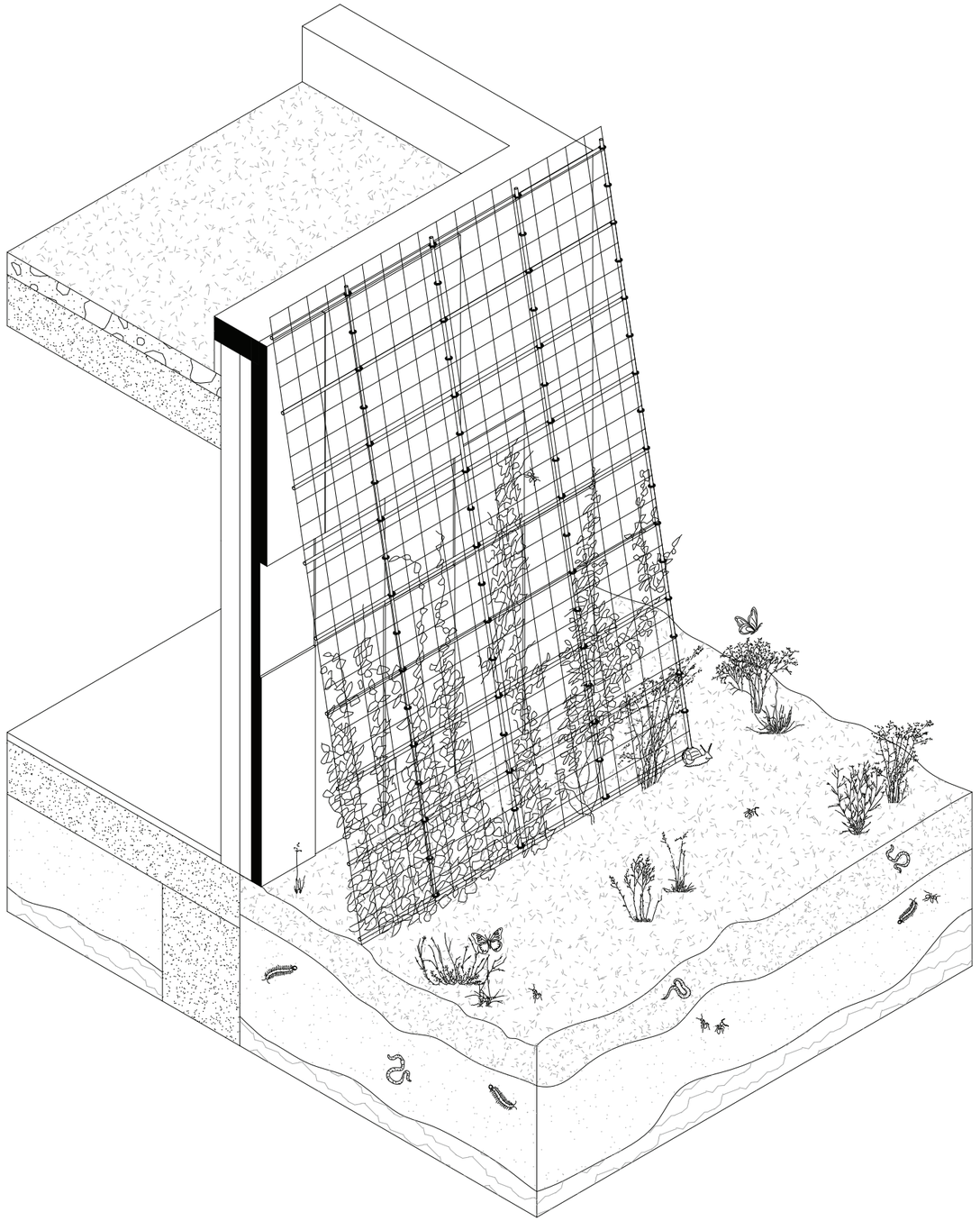
Diagram

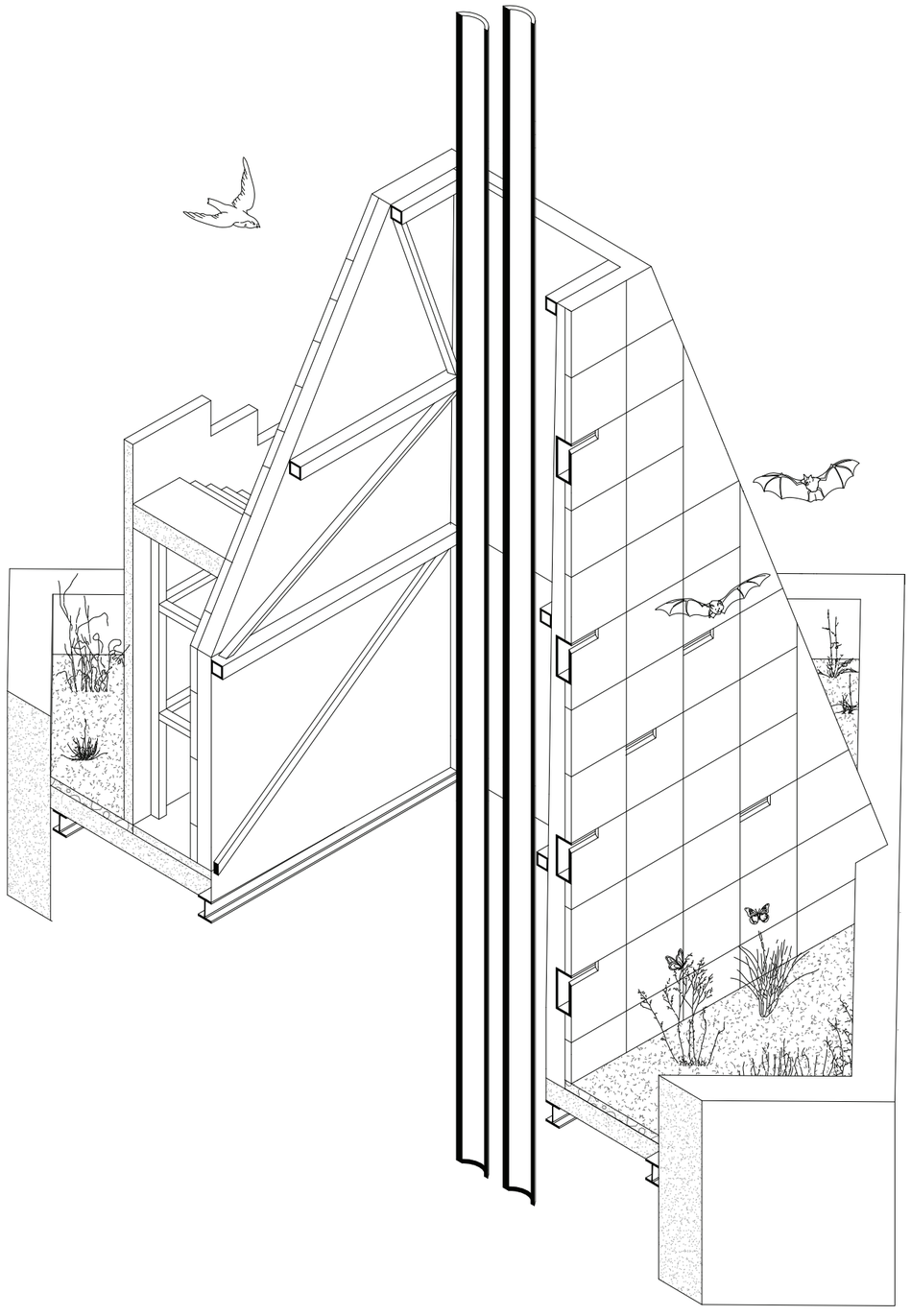
Pollinator Pathways

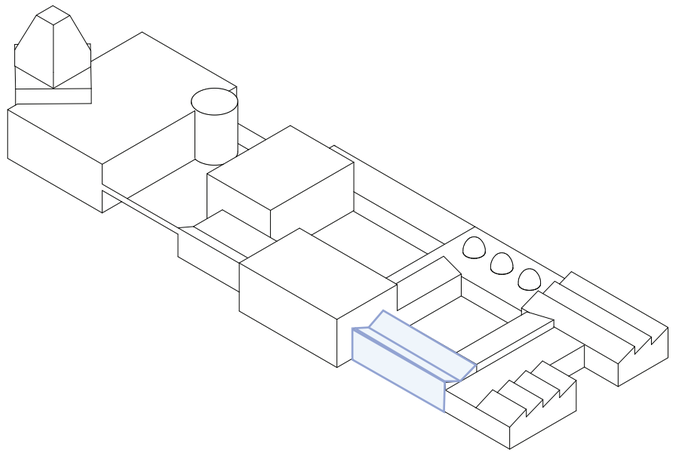


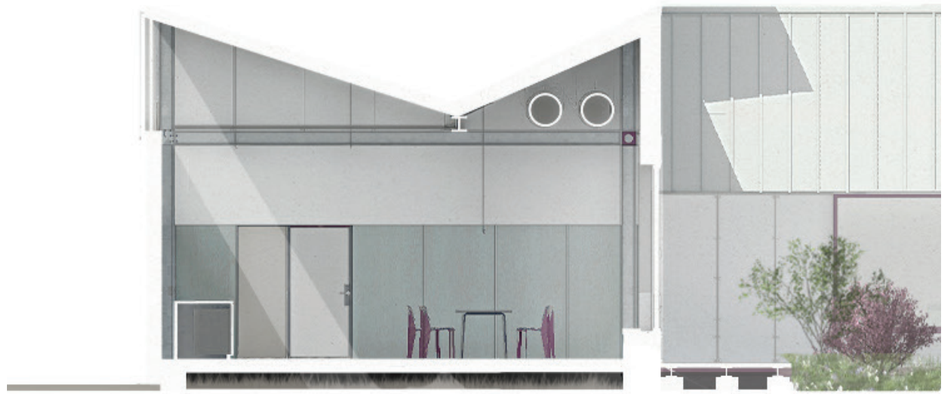


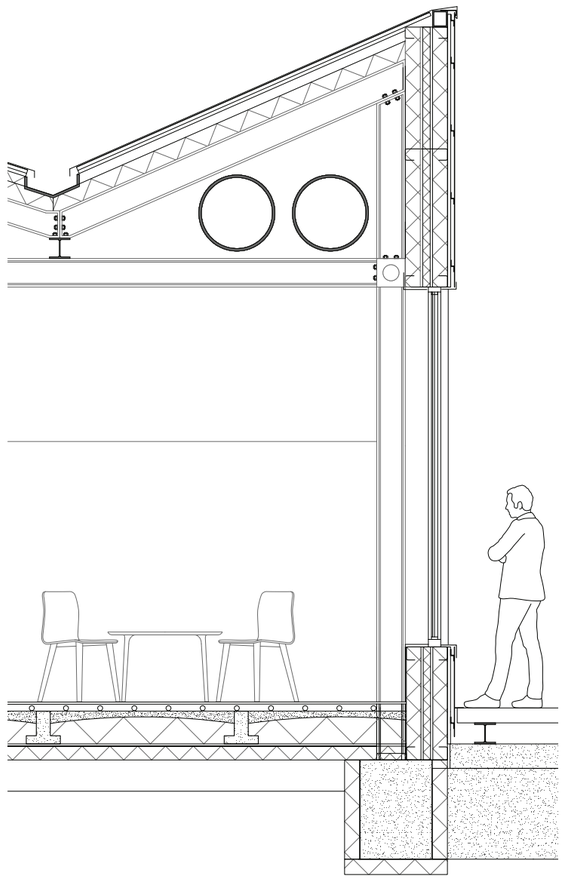


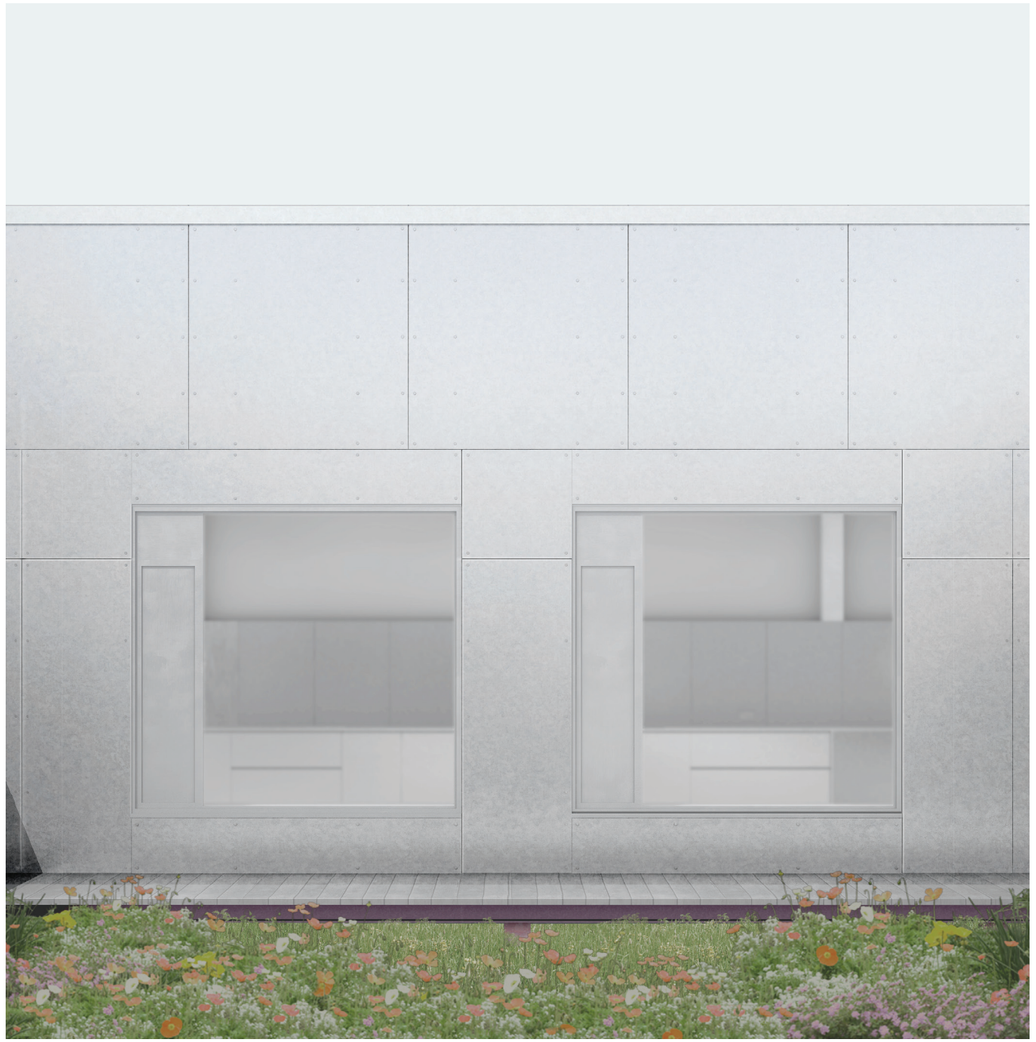


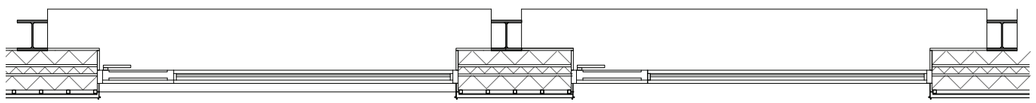


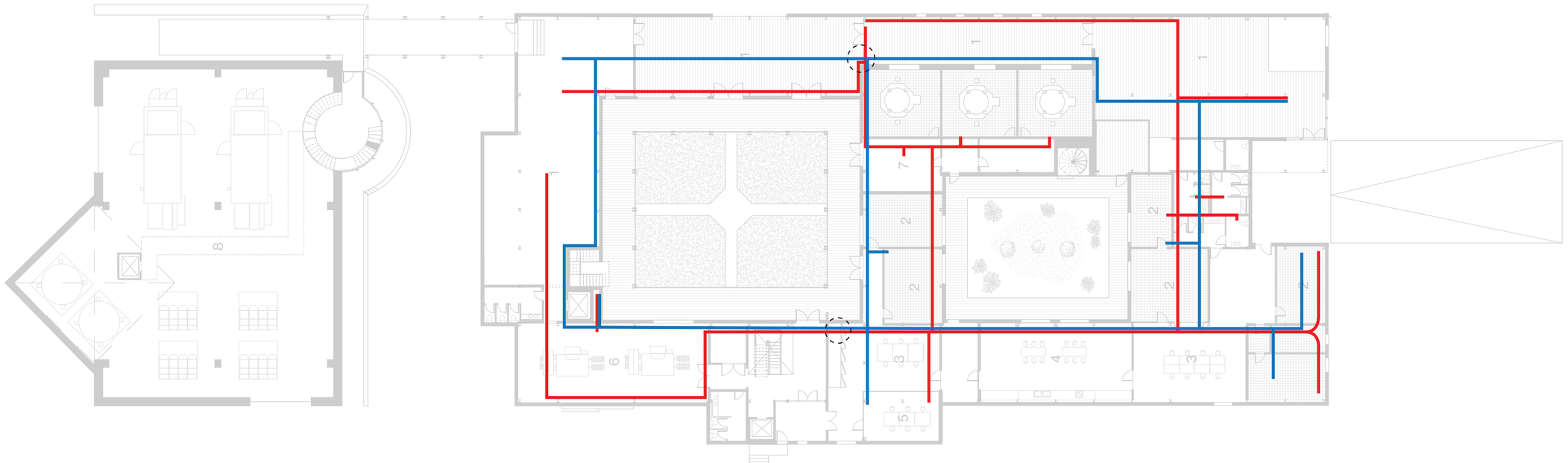








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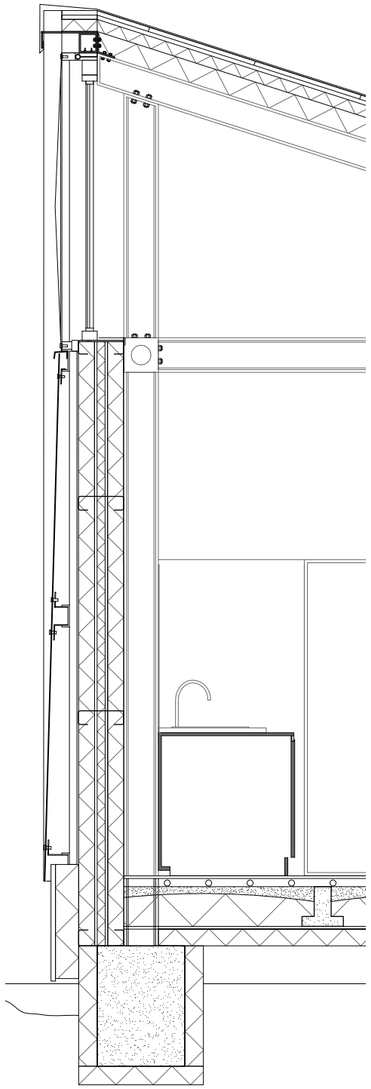

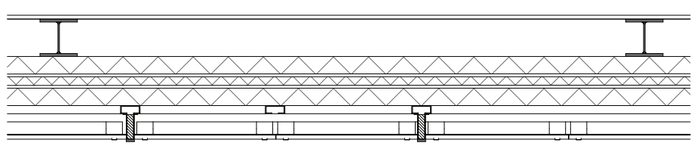

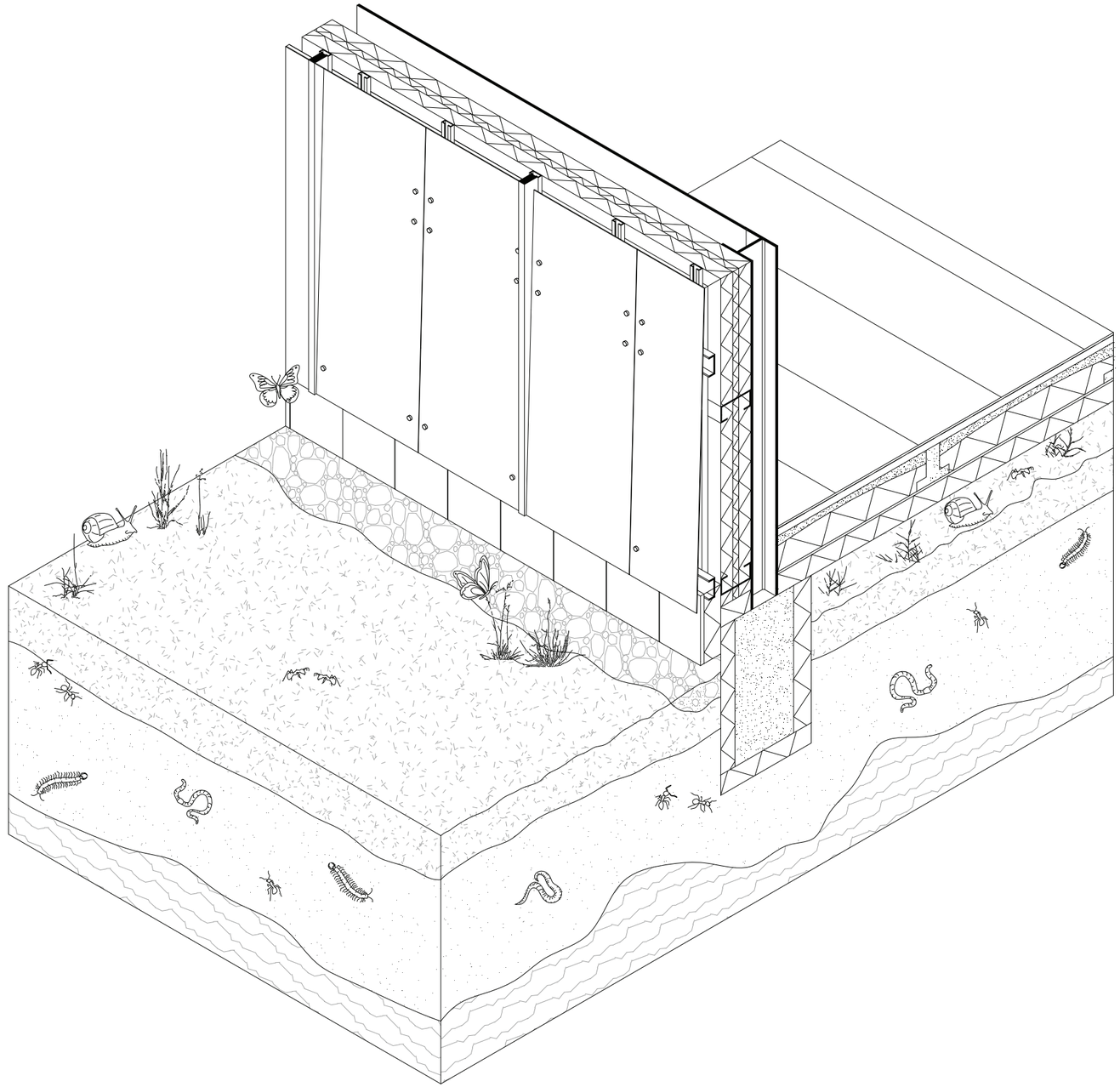

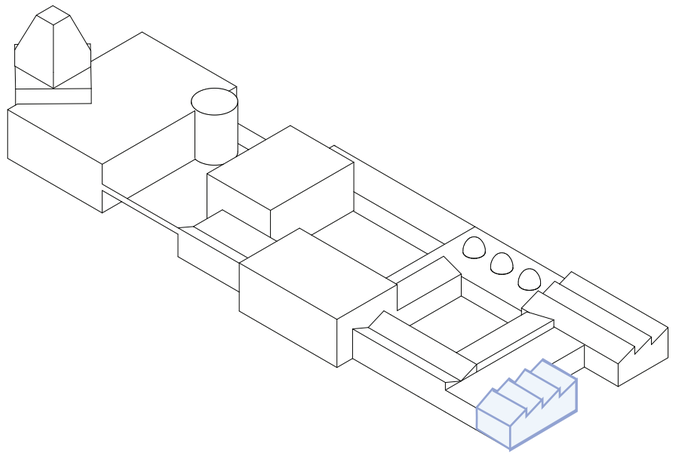

Thank You!