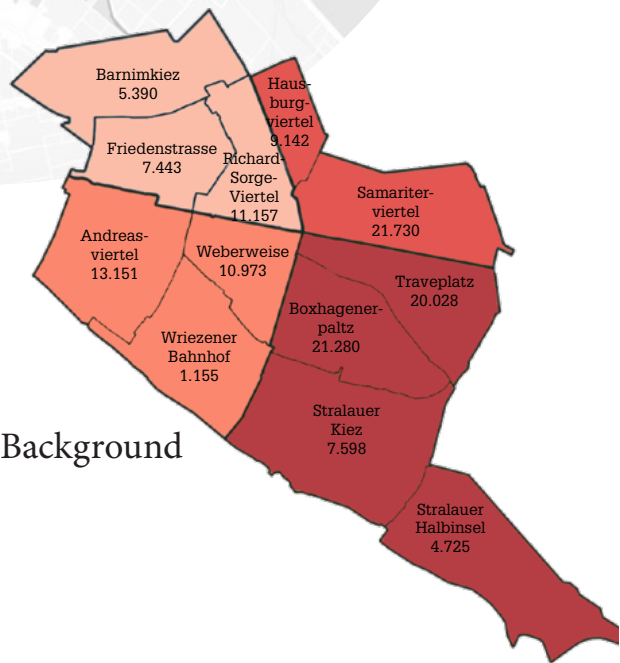
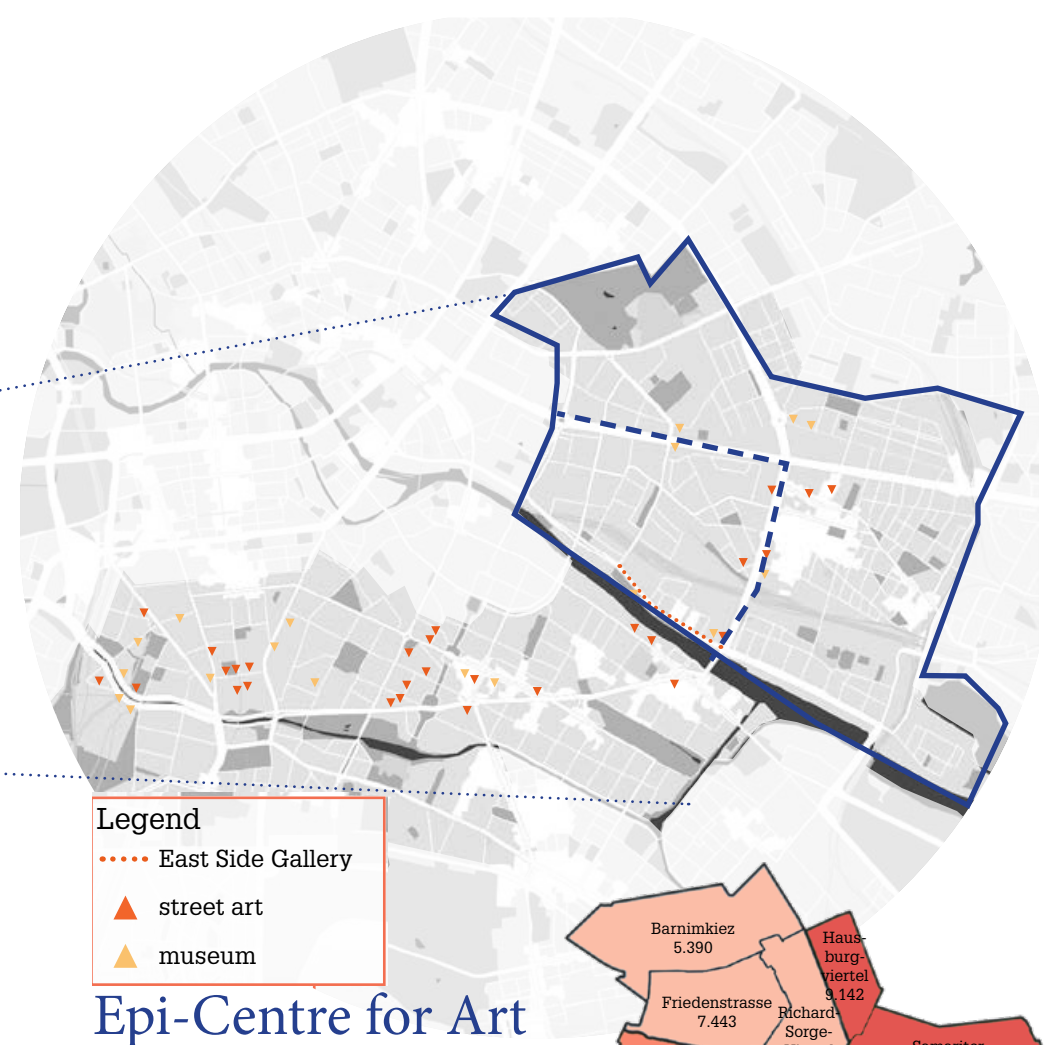
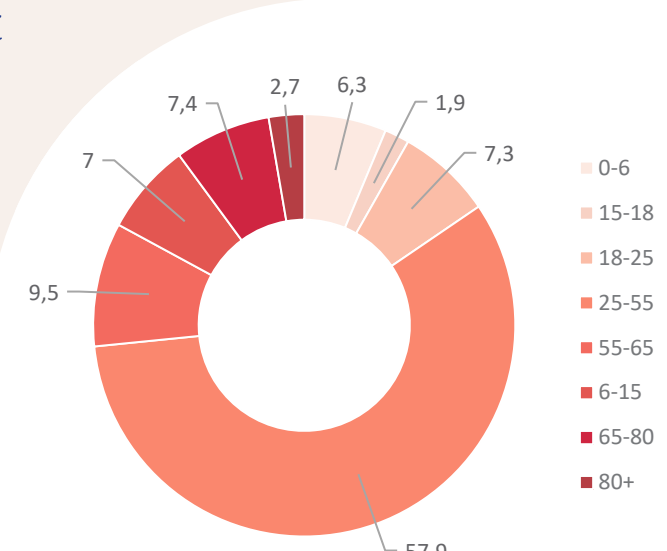
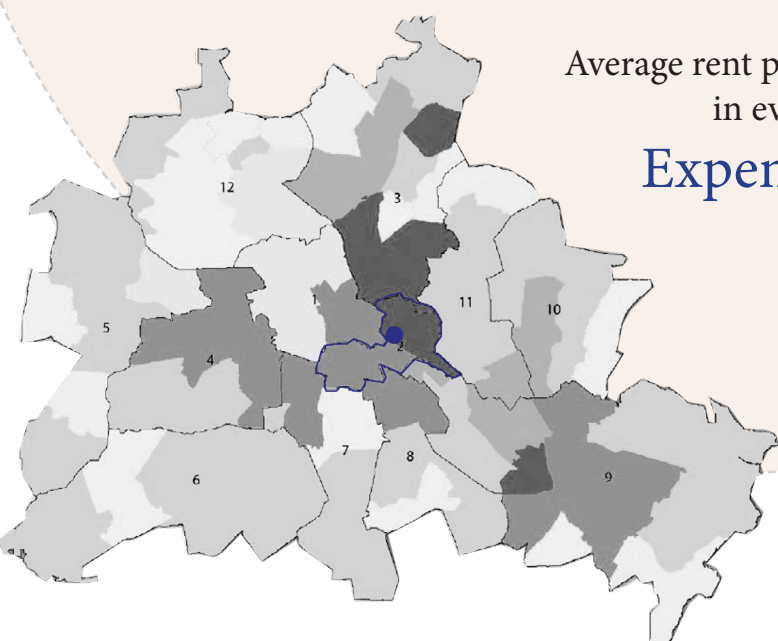
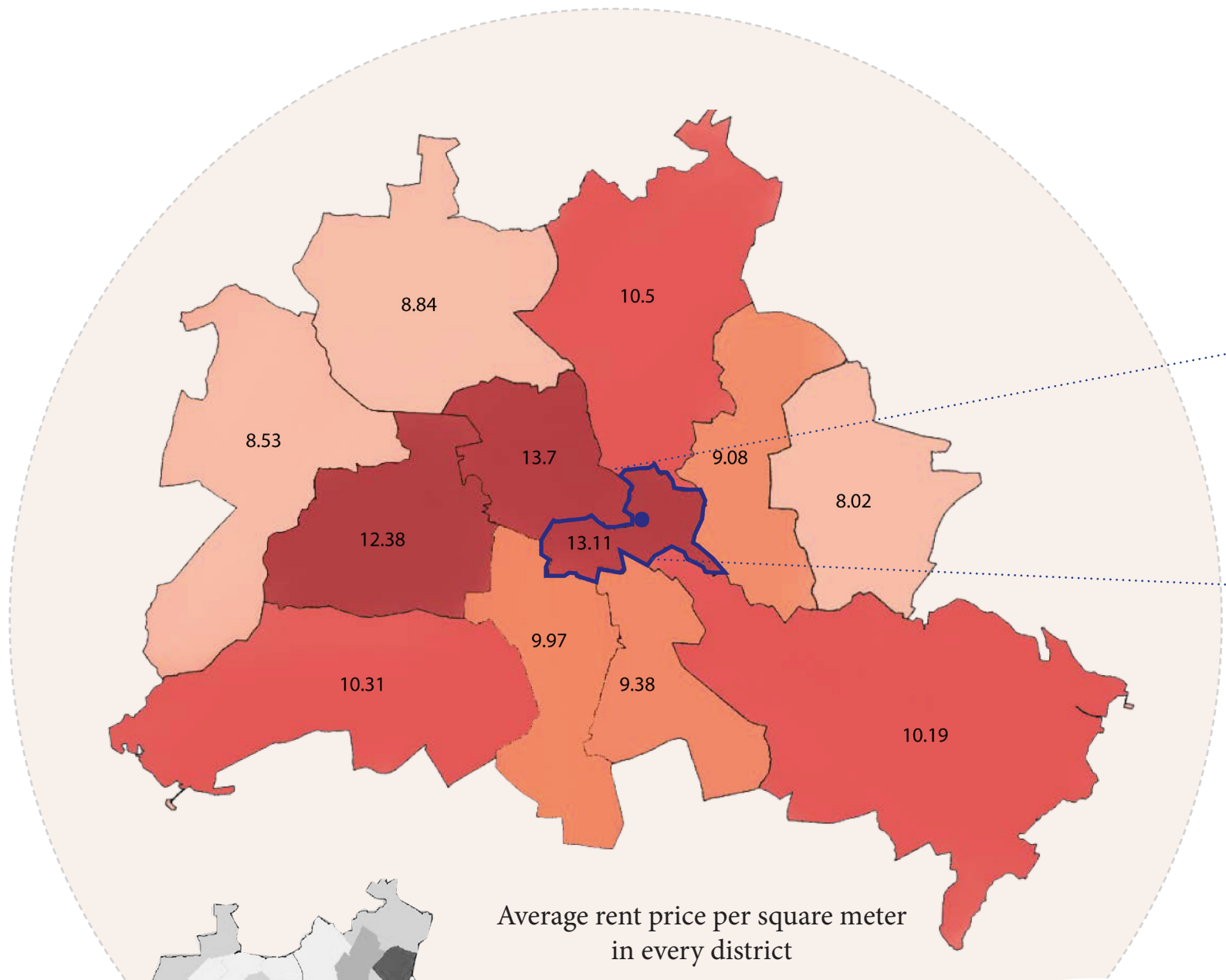


POTLUCK CREATIVE CENTRE
Public Buildings Graduation Studio 2022-2023
Kayla Bain 5499380

POTLUCK: Creative Centre

The Commons goal is to create a public condensor which joins multiple creative forms to make one space of learning, making, and expressing in an experimental sense for various groups of people.



Epi-Centre for Art

Disclusion
25,279 People
30% Migrartion Background

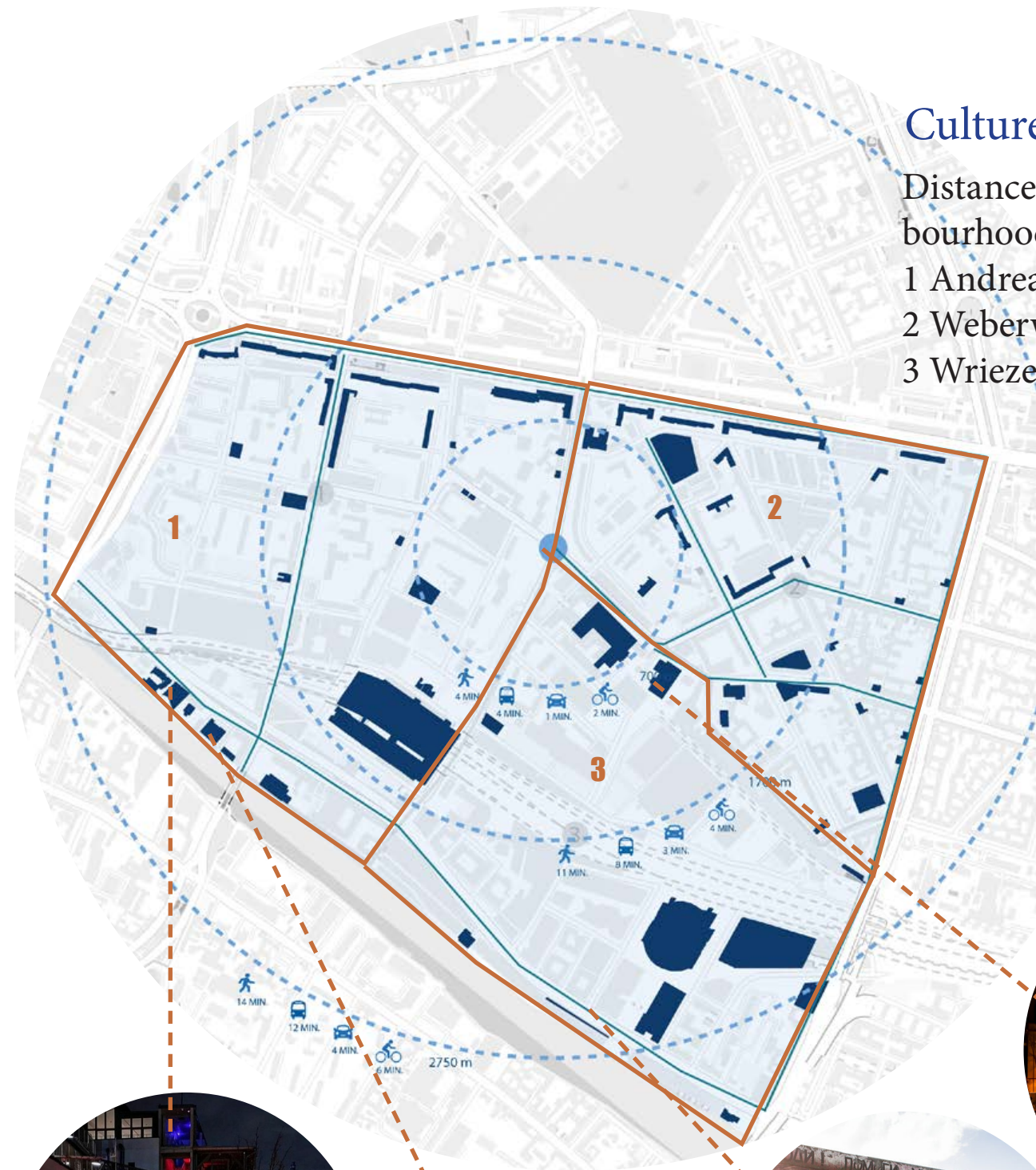
Gentrified

Young Demographic

Culture Pillars

Distance between centre of all neighbourhoods:

- 1 Andreasviertel
- 2 Weberwiese
- 3 Wriezener Bahnhof



Holzmarkt
<https://soundcloud.com/oliverkoletzki/oliver-koletzki-arte-concerts-holzmarkt-berlint->



<https://www.radialsystem.de/en/venue/uberuns/>
Radialsystem



Berlin Wall
<https://www.visitberlin.de/en/berlin-wall>



Berghain

<https://www.exberliner.com/berlin/berghain-bouncer-accepts-offer-to-join-staff-at-giga-factory/>

Green Spaces



Public green/play areas - Diez (2022)

Public Green Area
 Playgrounds

Problem Statement

Lack of Spaces for Various Creative Forms

Problem Question

How can various Informal Creative Forms be translated into spaces in a Flexible Formal Space?



TD Pysho-geography Map



Montage of Potluck Creative Center

Public Condensor Goal

Joining multiple creative forms to make one space of learning, making, and expressing in an experimental Public Condenser

Analysis Suggestions

More Affordable Studio Spaces

More of Spaces to teach different types of creative forms

Interview Suggestions

Keep Quite areas quite

More places 'made by people'

More Green Space

Space to sell and receive income from trades

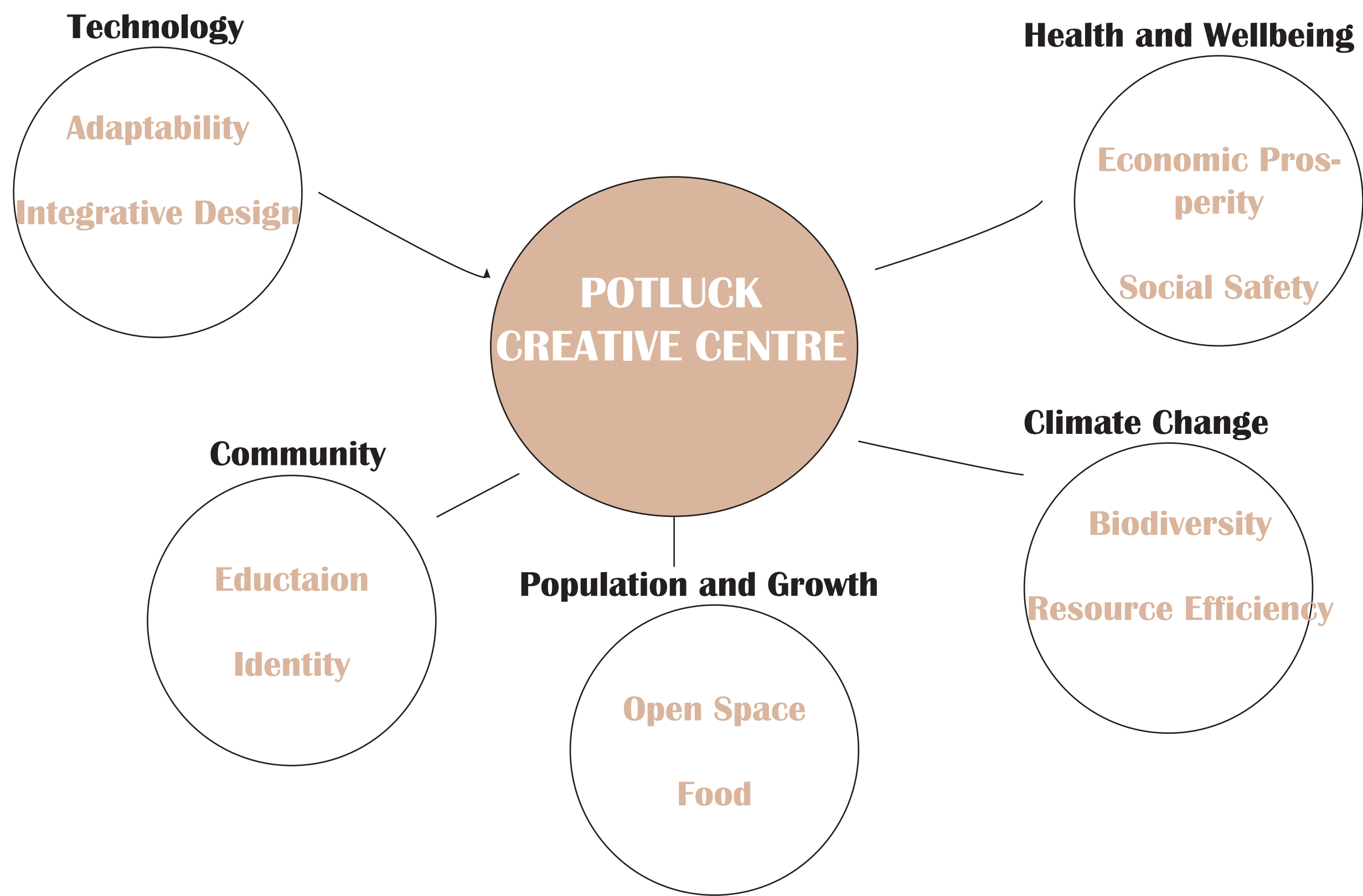
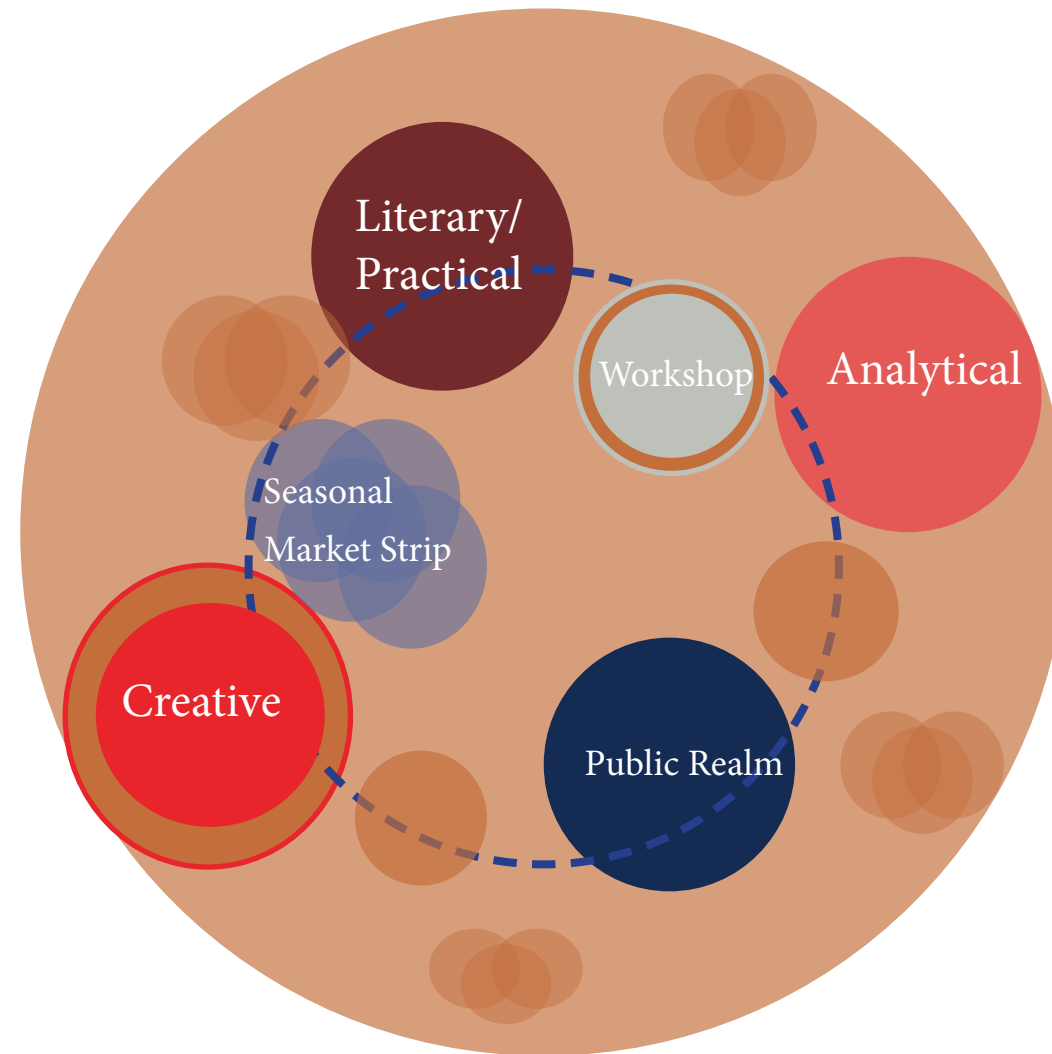


Diagram of Ingredeint Breakdown key elements



[Text Book Definition] Potluck:

A communal meal to which multiple people bring a **collection** of different **dishes** to share in **one space**.

	<u>Masterplan</u>	<u>8,300m2</u>
Dishes	→ ● Creative Building	1440m2
	(7) Art Studios	336m2
	(8)Leraning Wokshop Spaces	240m2
	Lounge Space	100m2
	Free Flexible Space and Reception	200m2
	Service Spaces	204m2
	Circulation	30%
Collection	→ ● Analytical Building	1270m2
	Open Learning	430m2
	Multimedia Flexible Space and Reception	110m2
	Experimental Open Working Area	120m2
	(3)Classrooms	253m2
	Service	90m2
	Circulation	30%
	● Literary/Practical Building	1300m2
	Cooking	80m2
	Lounge	140m2
	(3)Startup rooms	200m2
	Library/Free Space and Reception	400m2
	Service	180m2
	→ ● Public Realm	1560m2
	Auditorium	600m2
	Cafe	300m2
	Shop	300m2
	Service	700m2
	Circulation	30%
One Space	● Workshop	2500-3500m2
	● Market Strip	500m2
	→ ● Landscape Interventions	
	Squares for Installations	
	Urban Farming	
	Green House Pods	
	Botanical Areas	

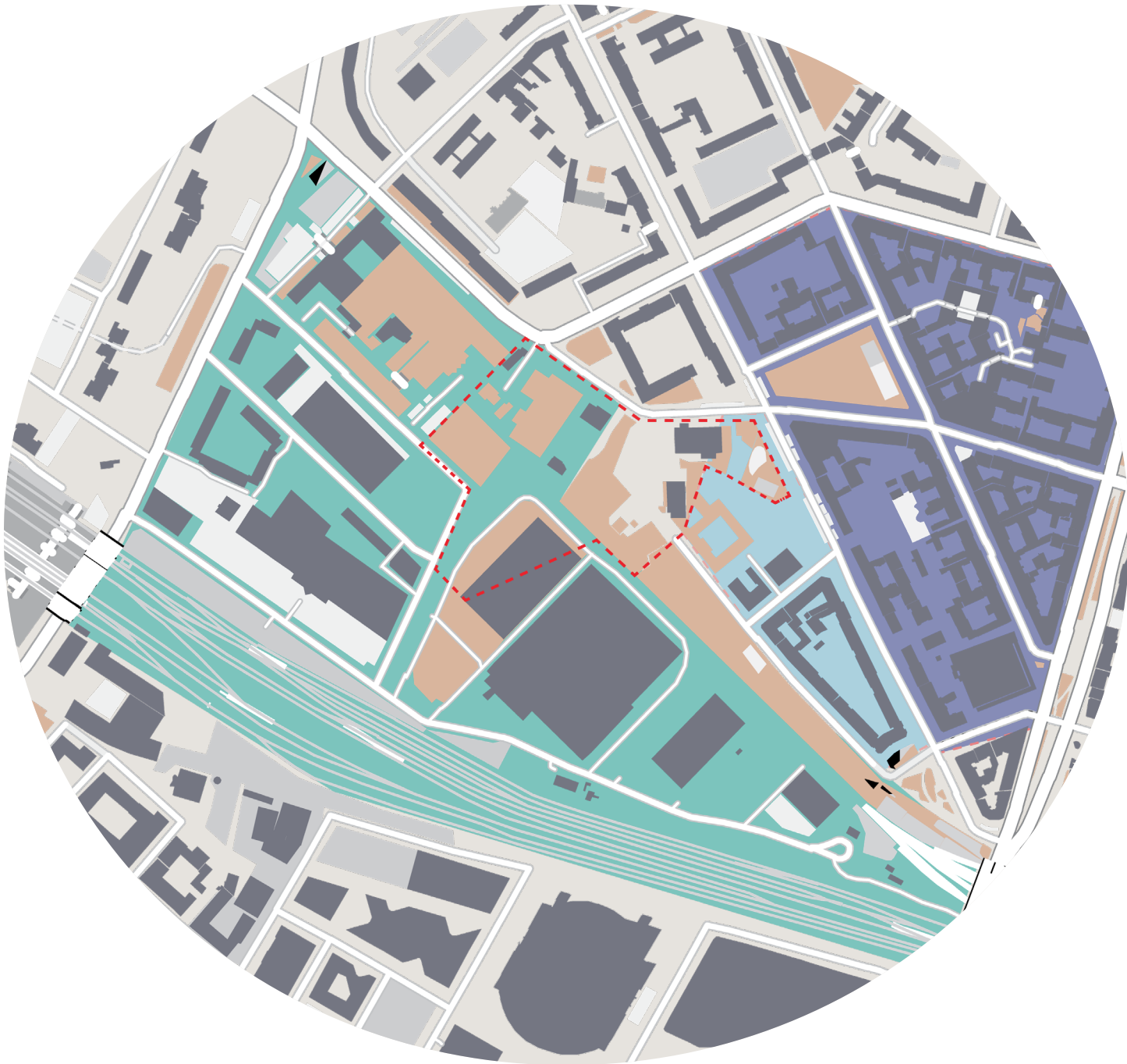
SITE

- Existing Green Areas
- New Green Lung
- Main Connection Routes from Green Lung to existing

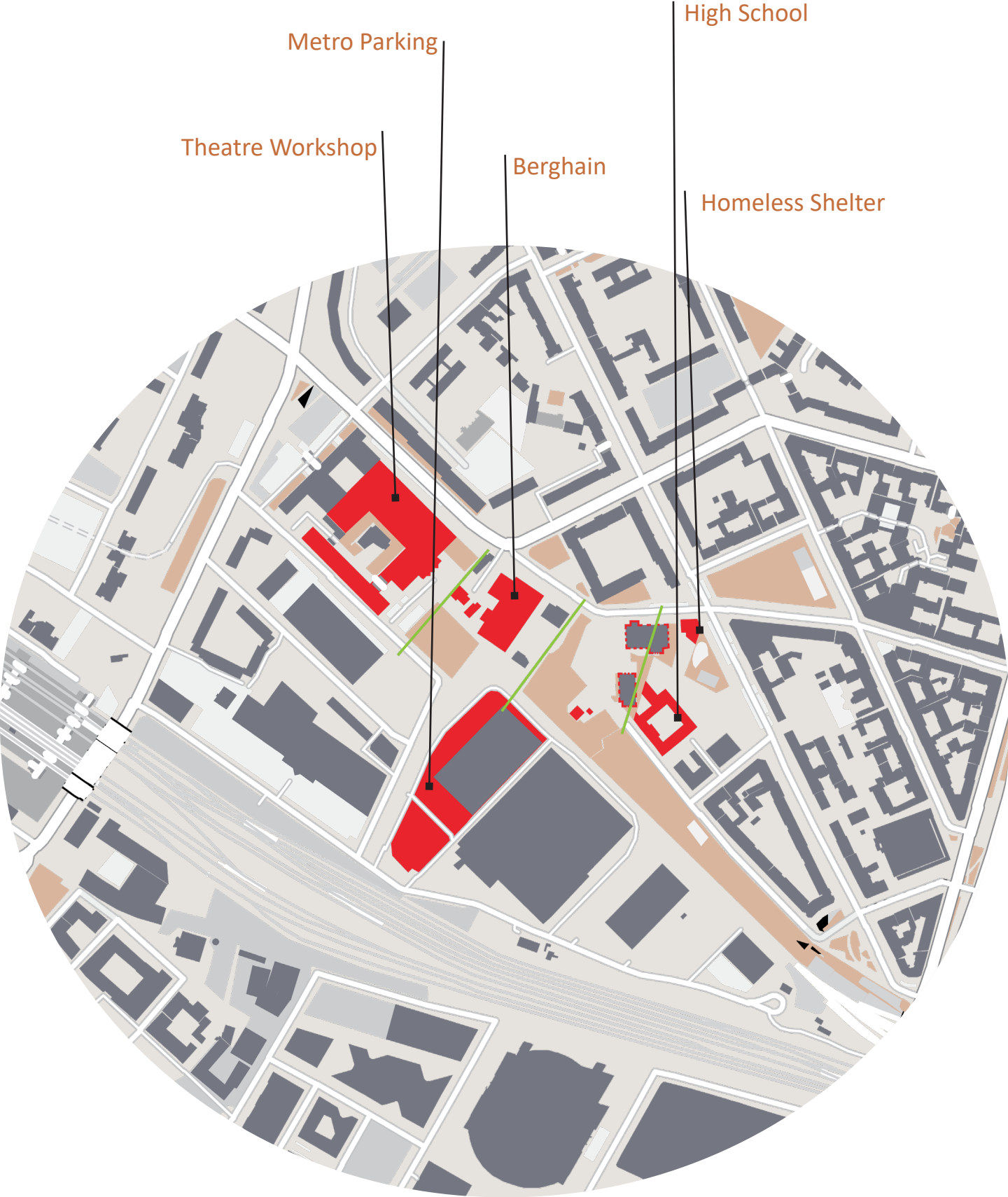


Green Lung for Central Neighbourhoods

- Commercial and Neighbourhood Mix
- Neighbourhood
- Industrialized Area



Zoning of Land Use

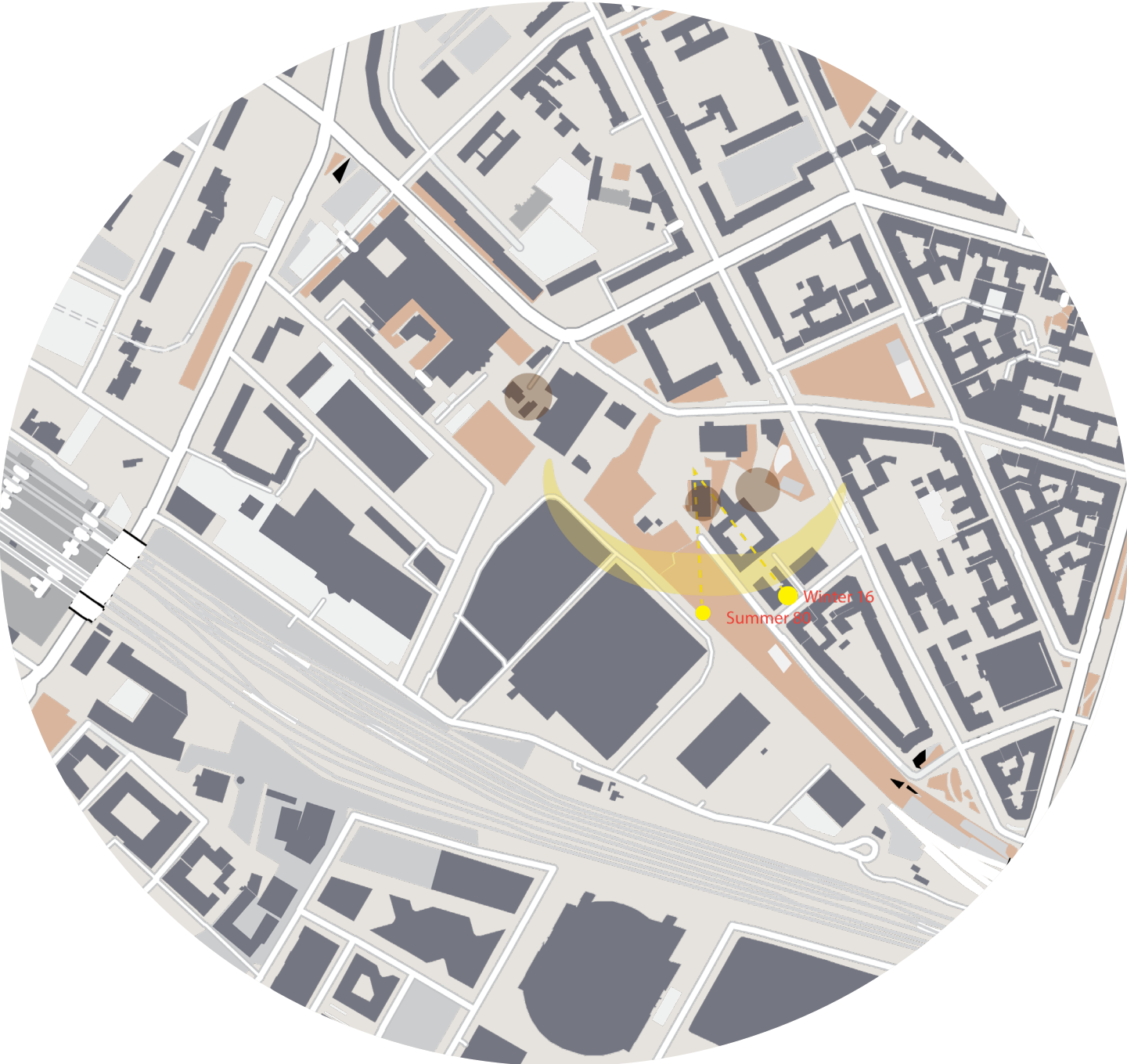


Important Buildings to Keep and Demolish



Main Routes into Site

● Main Shaded Areas

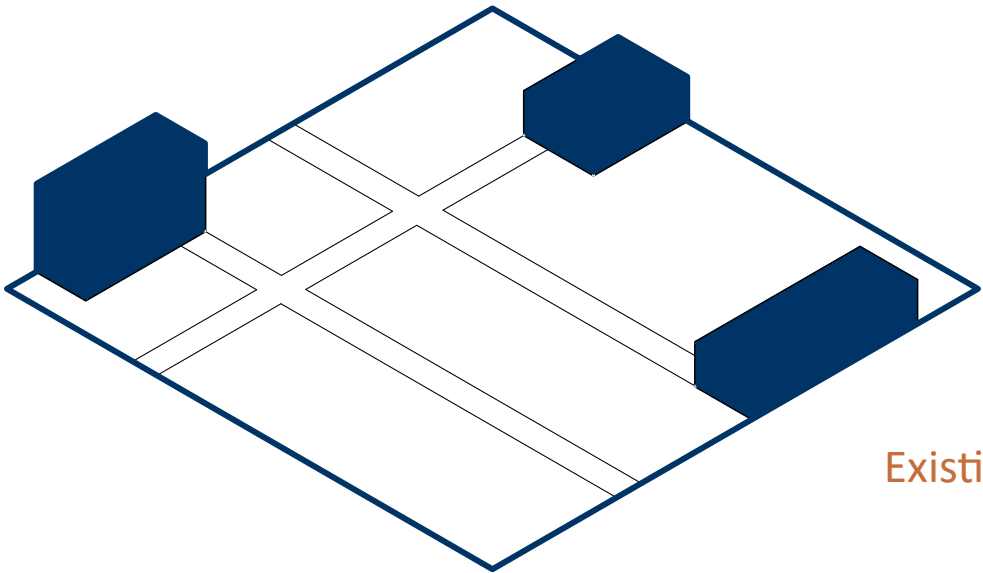
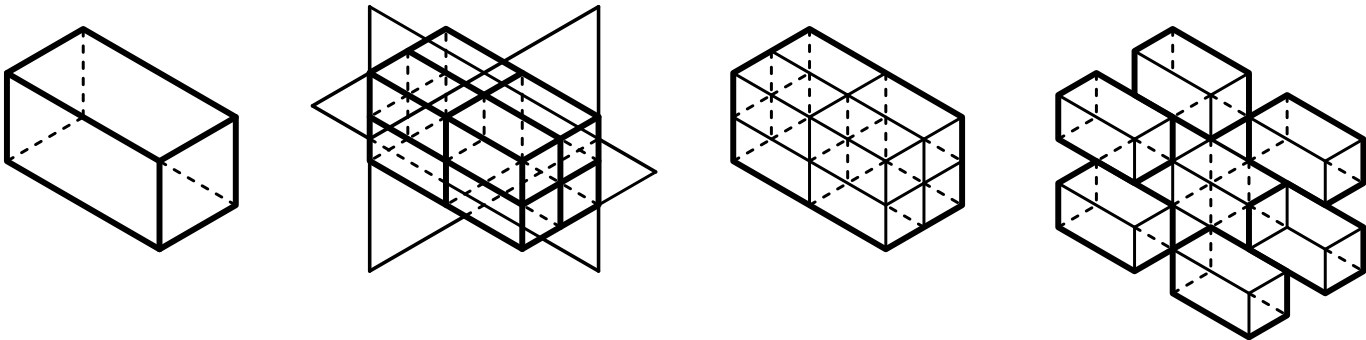


Sun Analysis

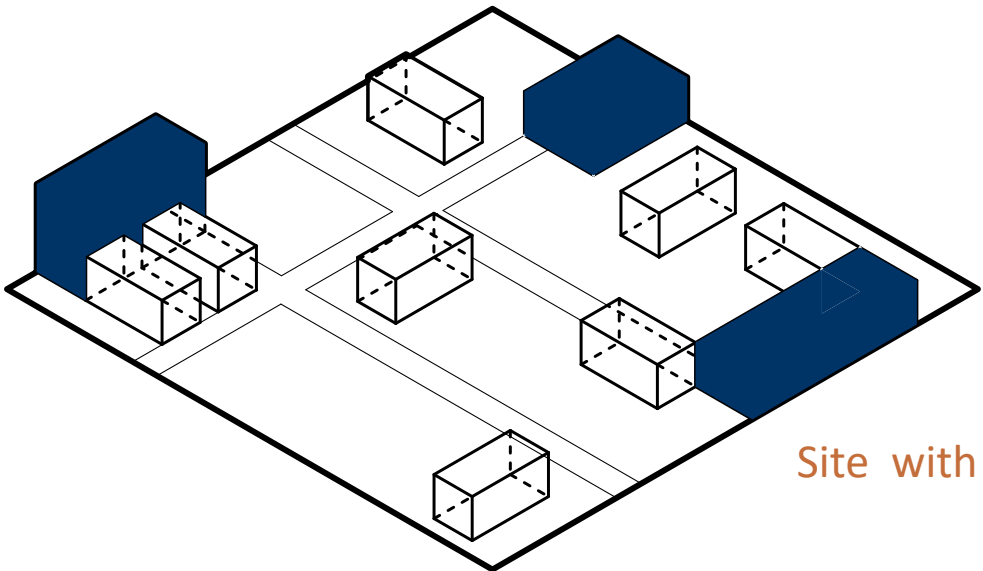
— Building Axis
— Route Axis
● Main Focal Points



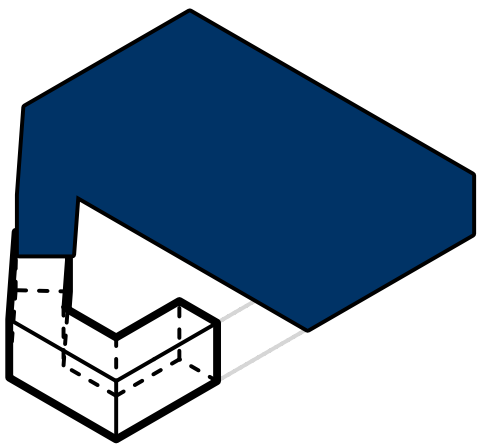
Main Axis and Points for Master Plan



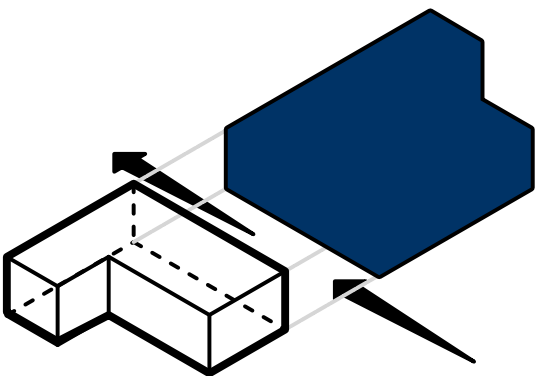
Existing Site



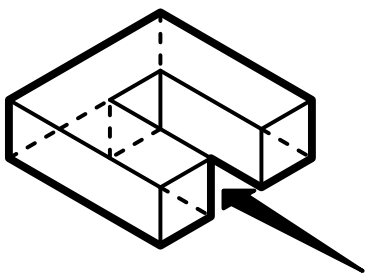
Site with Interventions



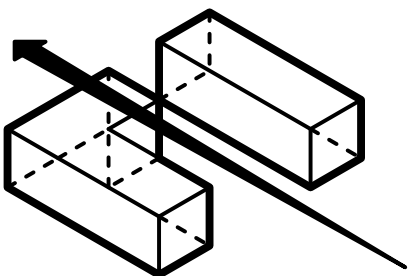
Strategy 1



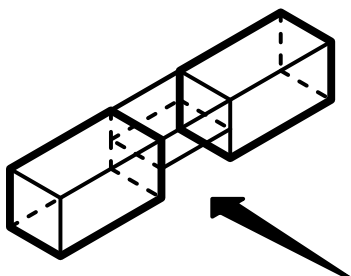
Strategy 2



Strategy 3



Strategy 4

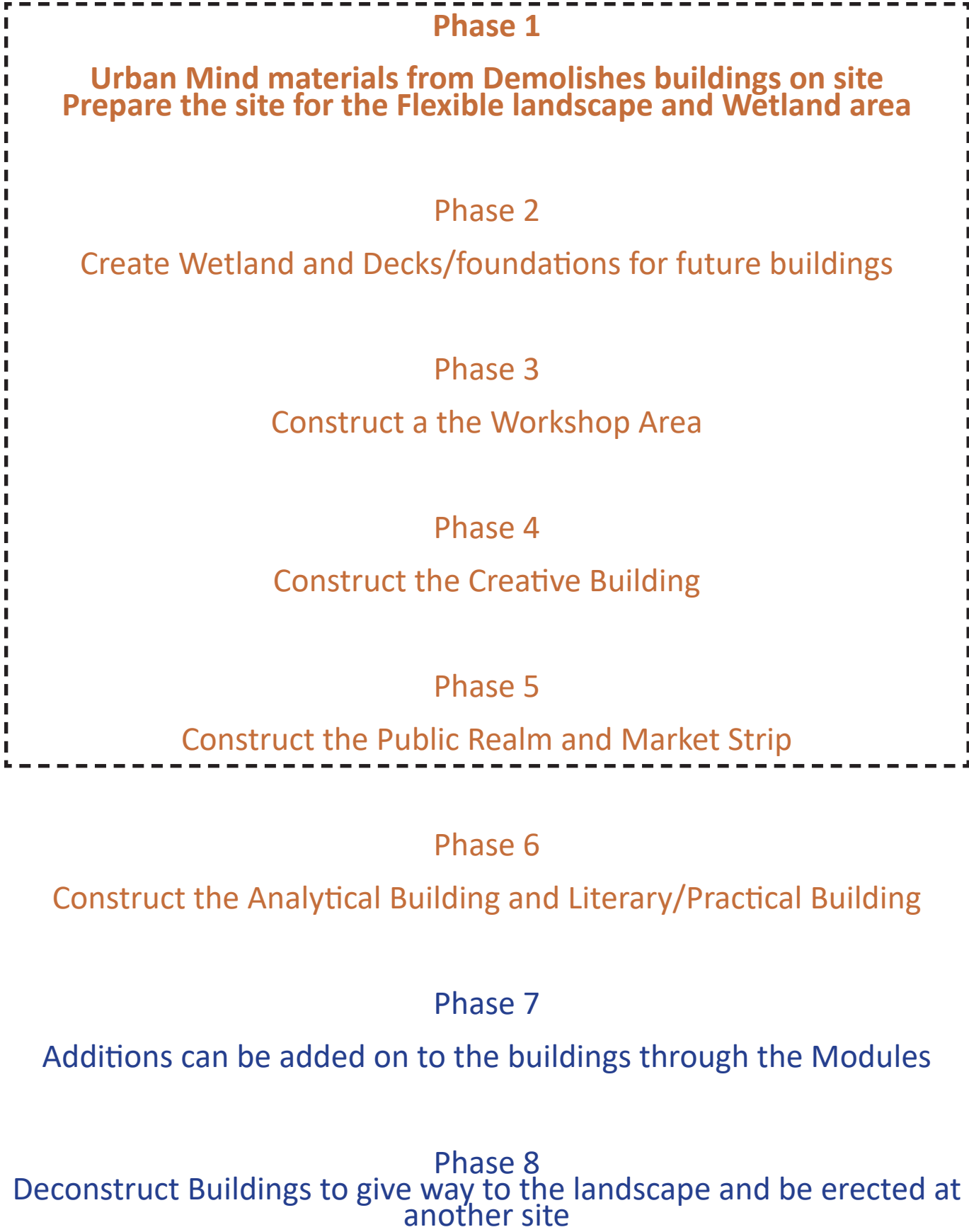


Strategy 5

Vital Stages

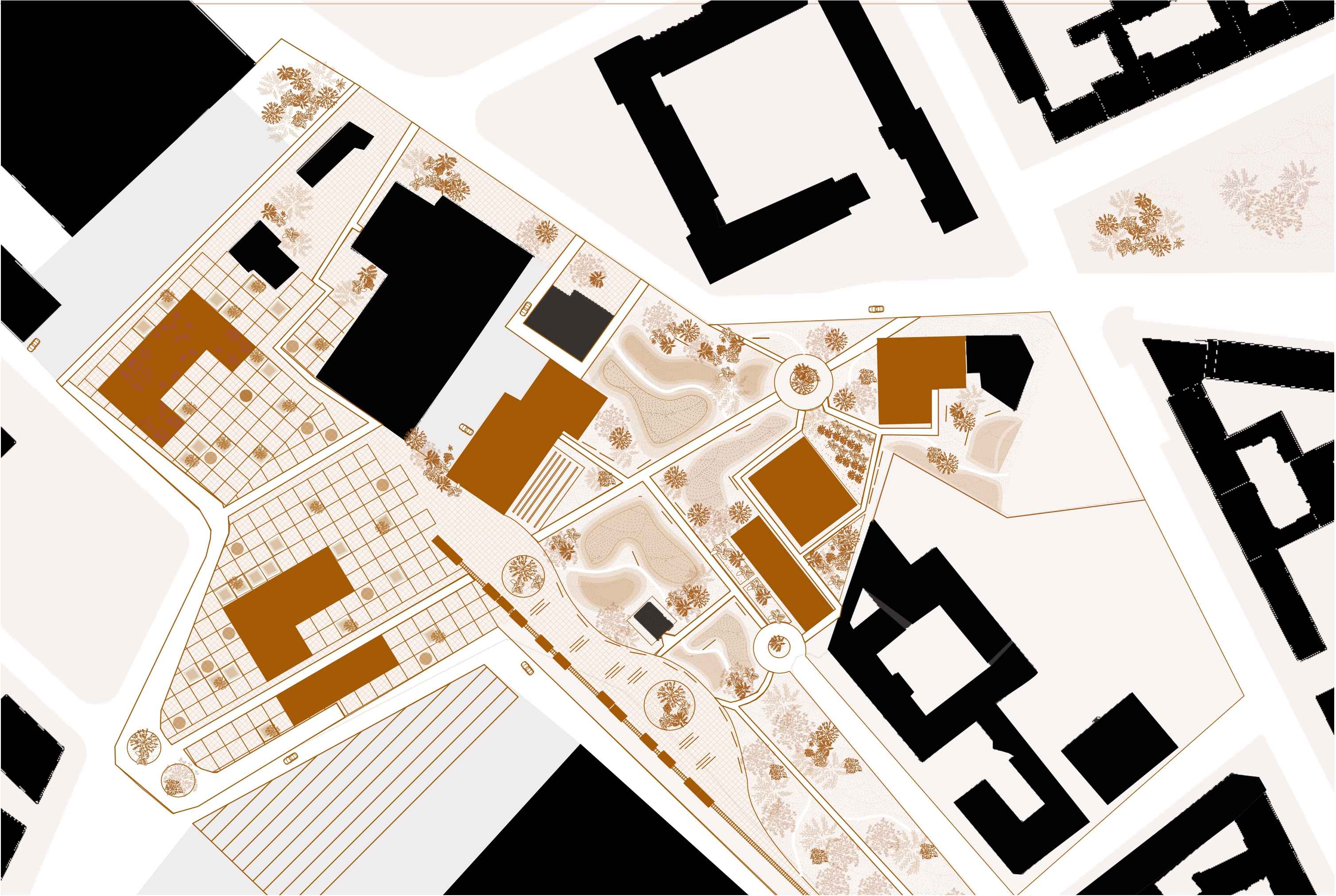


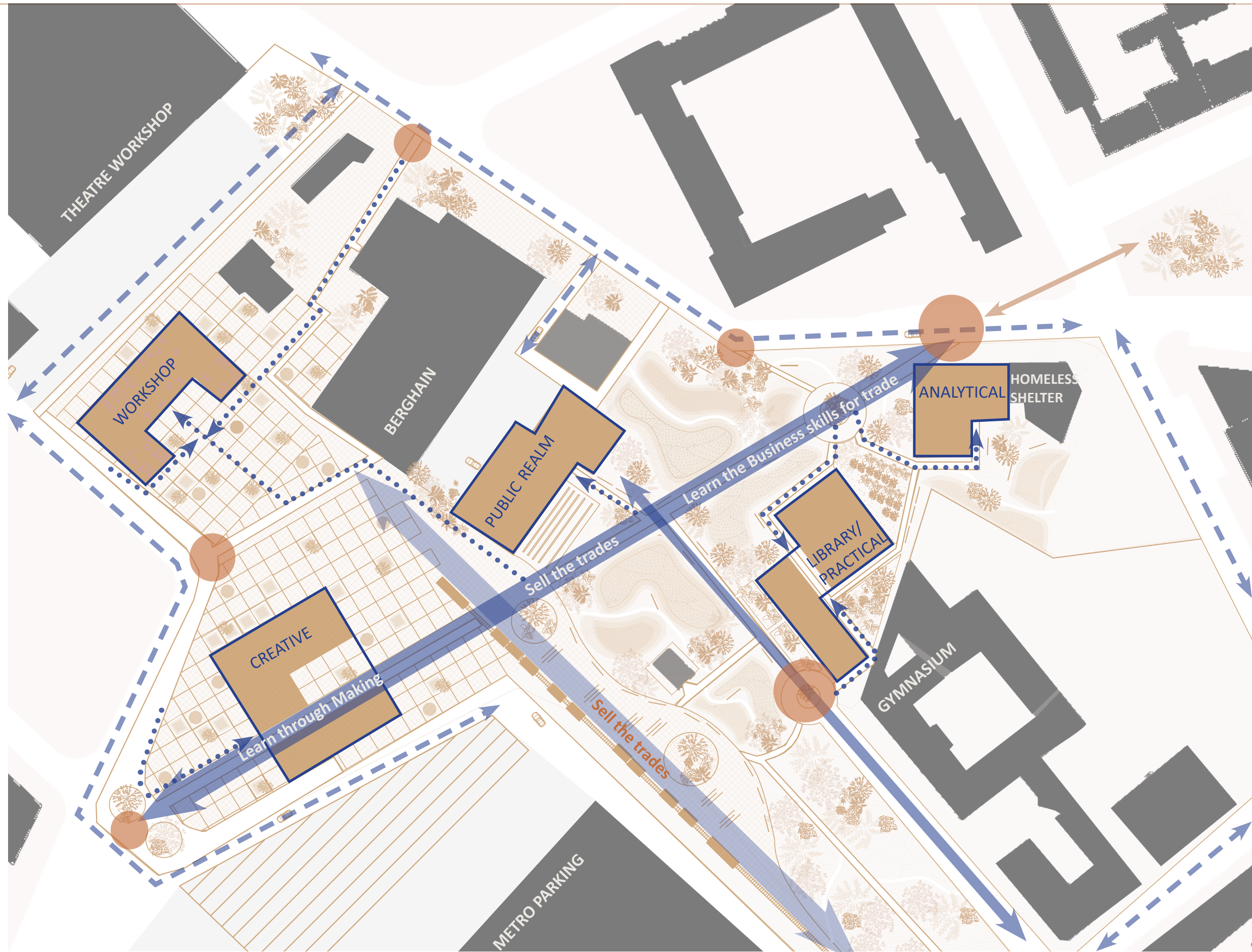
Potluck Setting Diagram by Kayla Bain



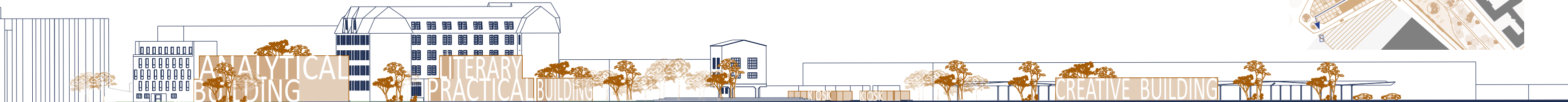
Architect's Control

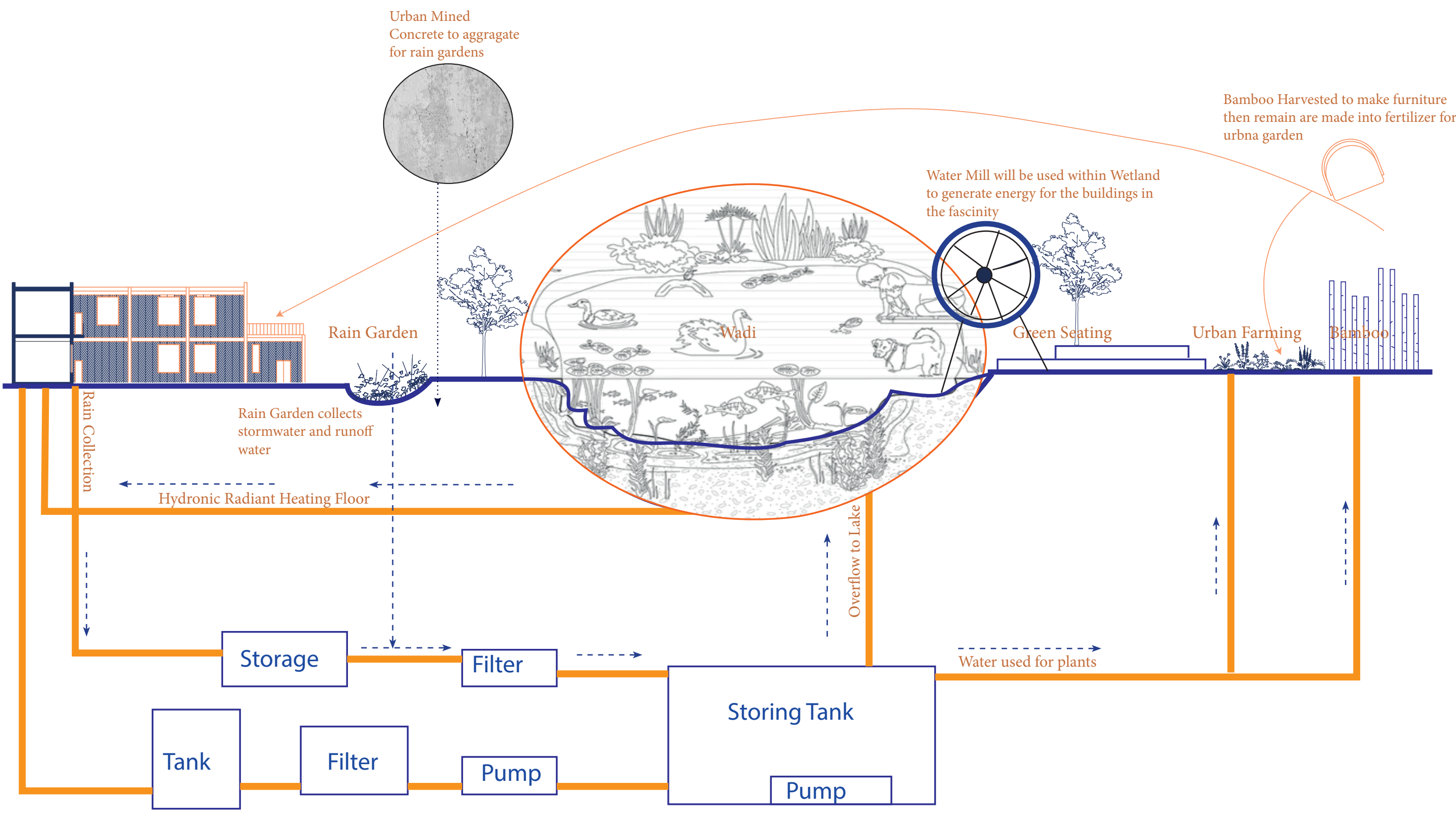
Controlled by Users Need

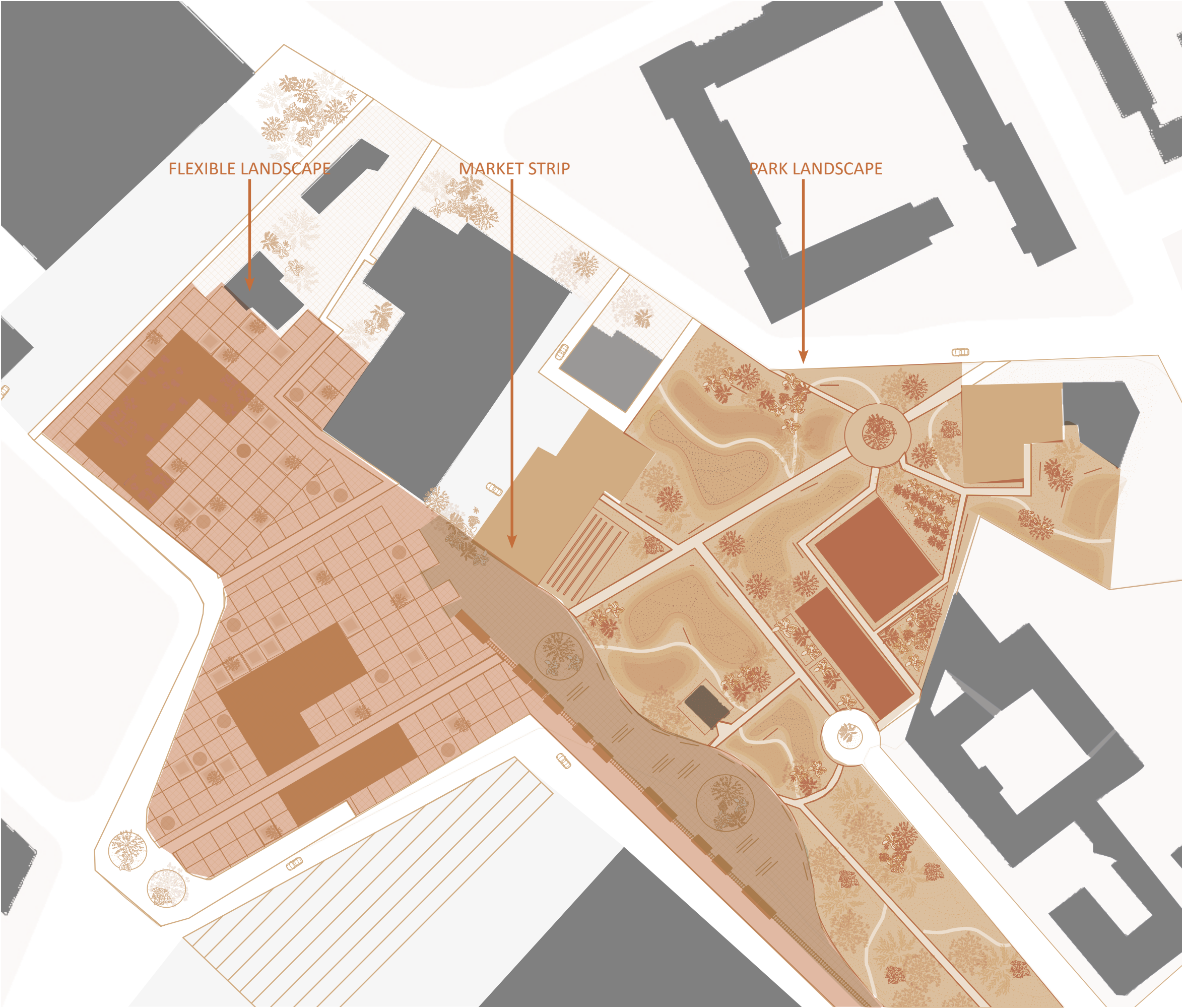




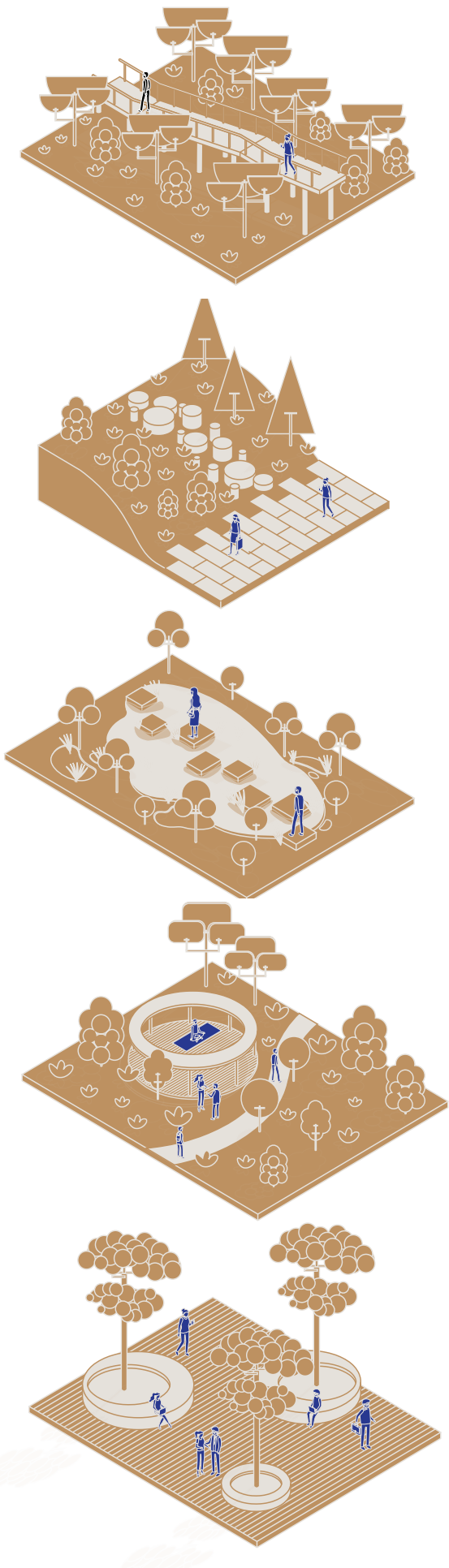
- Car Routes
- Main Pathways
- Main Site Entrances
- Building Entrances
- connection to Existing Park



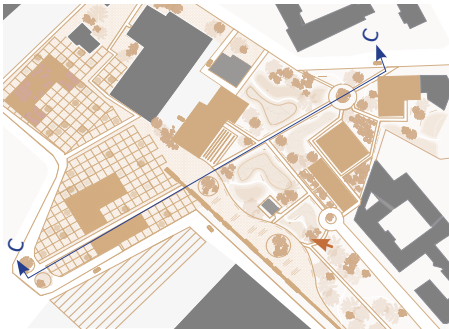


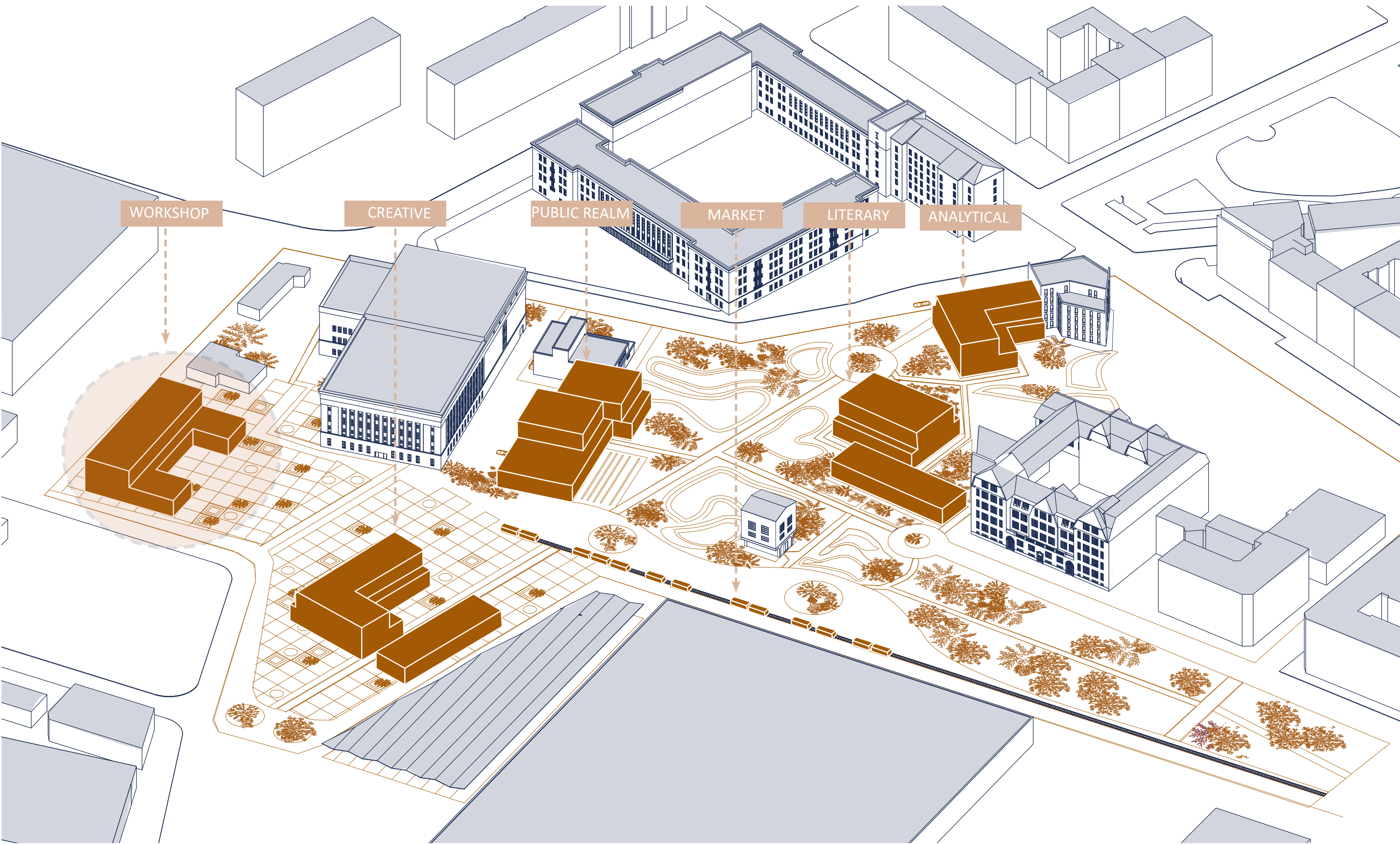


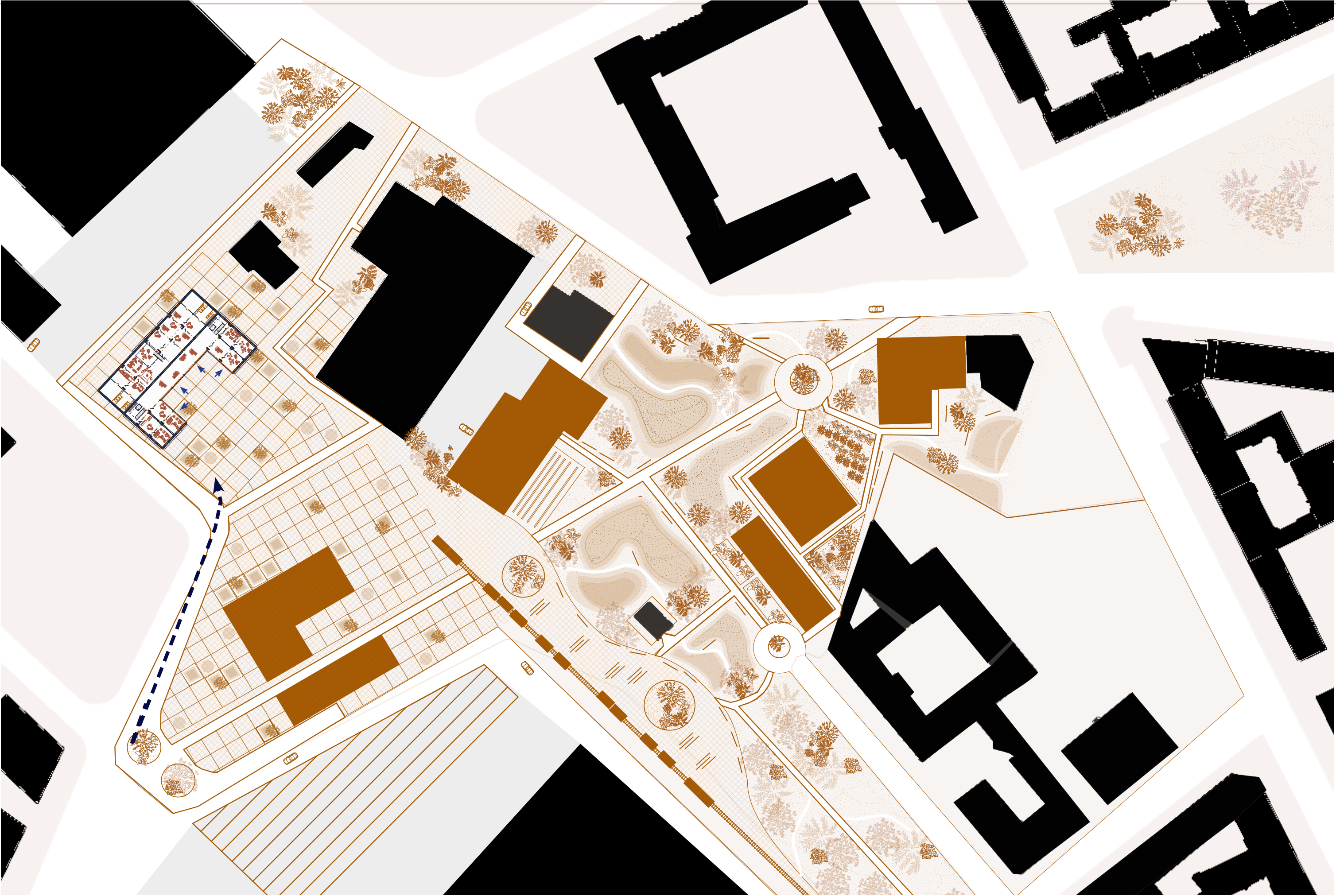
Master Plan 1:1000

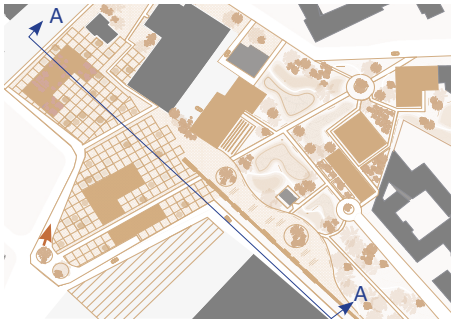


Flexible Landscape Strategies

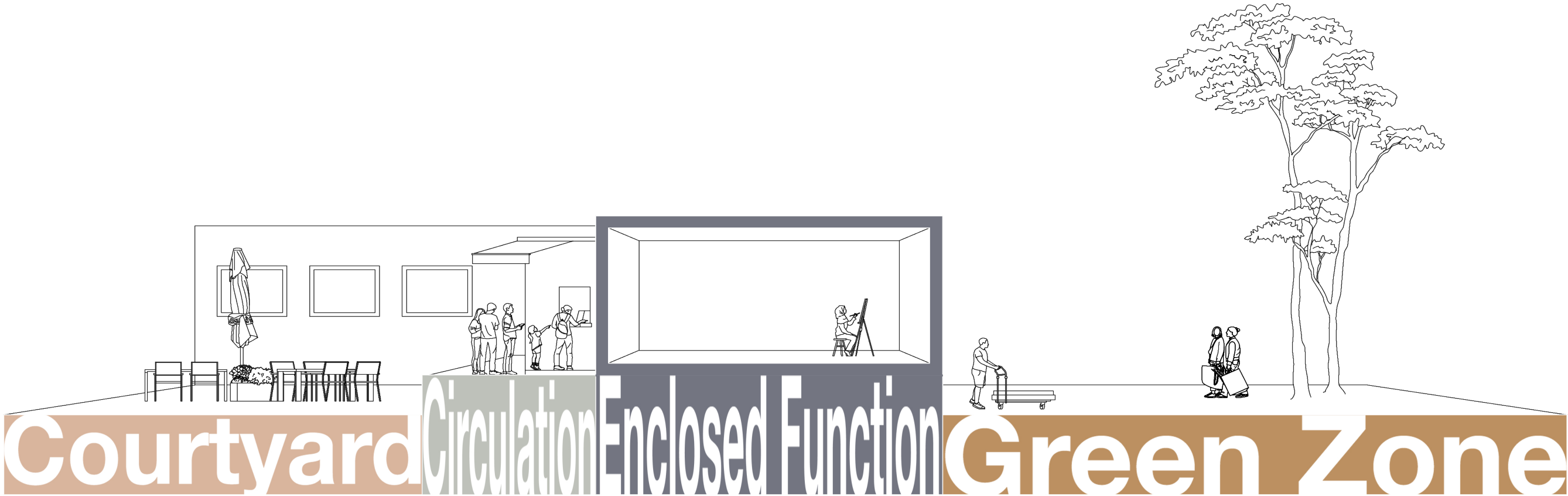




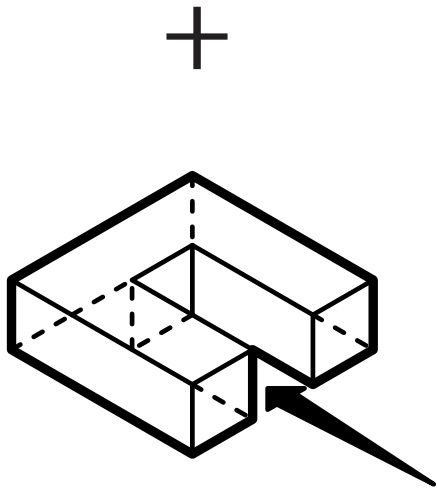




Site Section A-A 1:1000



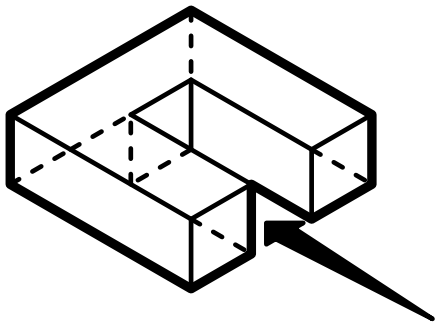
Indoor and Outdoor Strategy



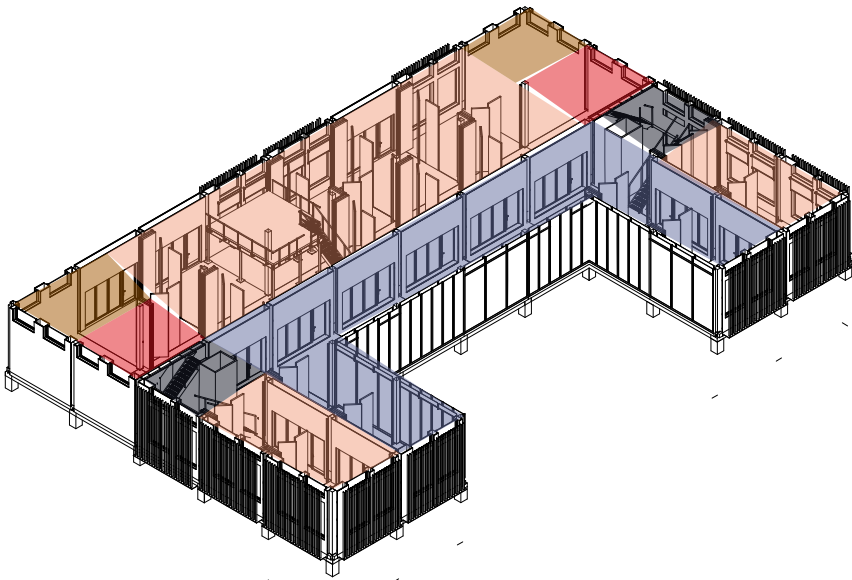
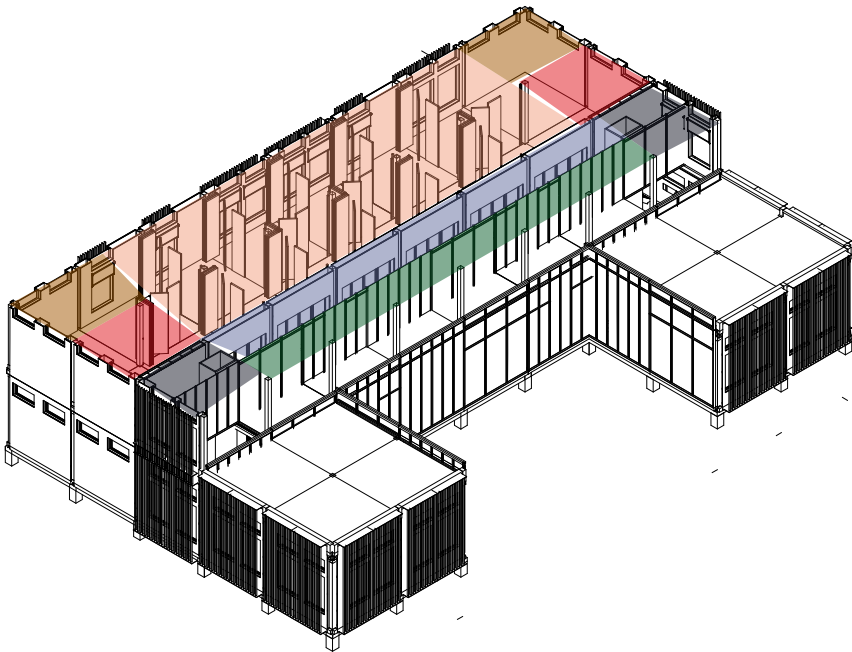
Building Courtyard Strategy



Section B-B 1:200

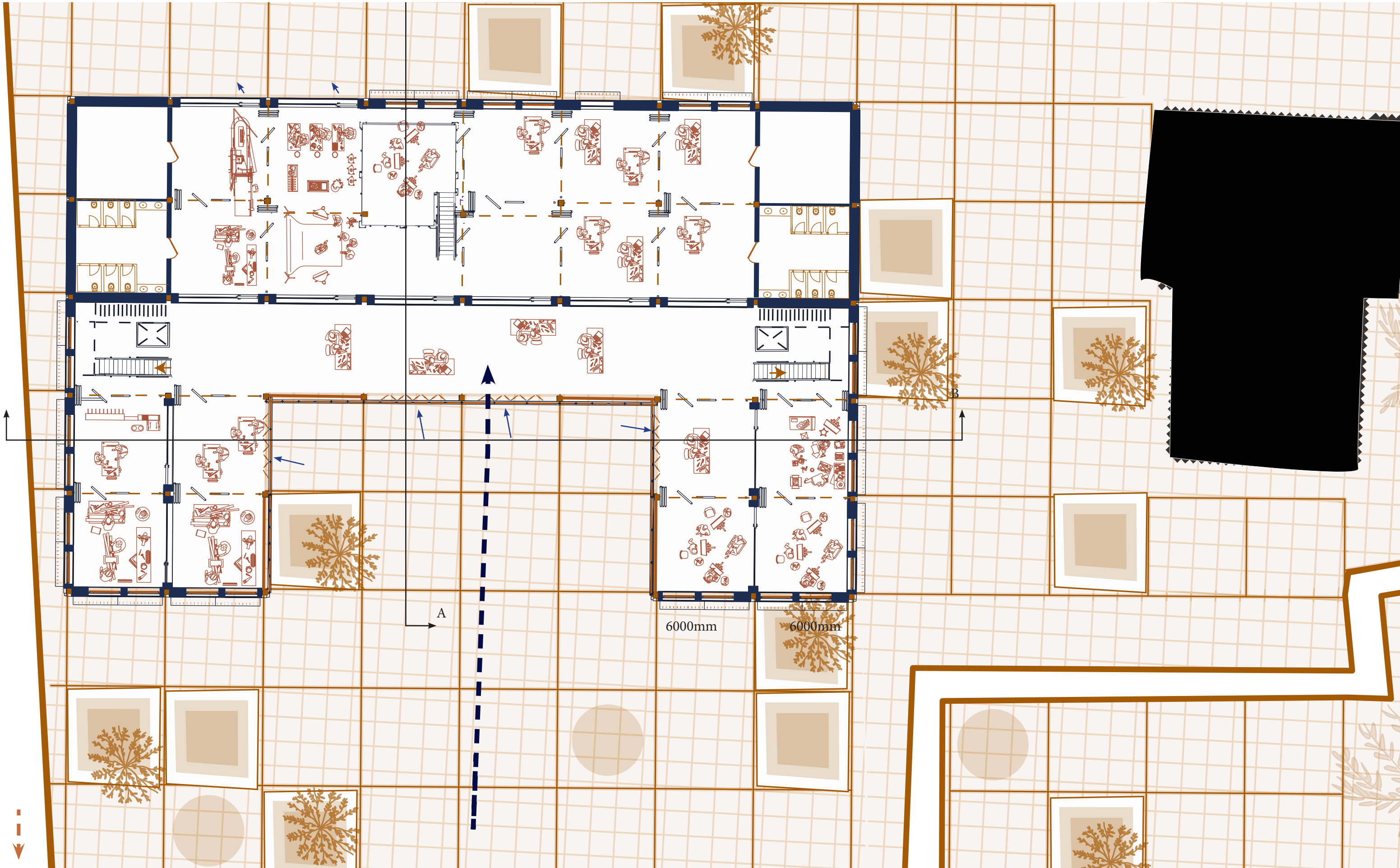


Building Courtyard Strategy

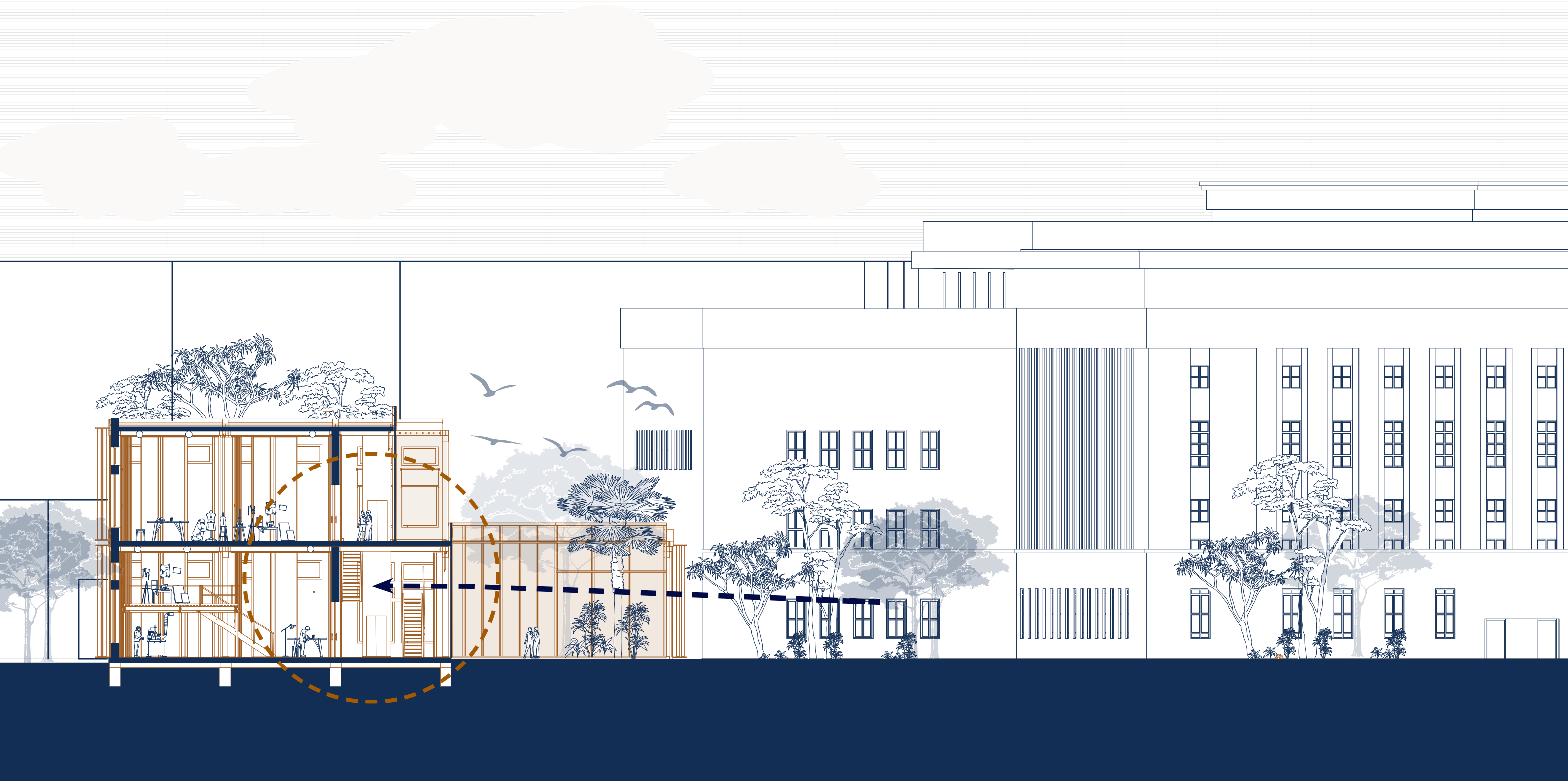


- Bathroom
- Flexible Open/ Corridor Space
- Outdoor Corridor
- Circulation
- Workshop Open Spaces:
Pottery
Wood Working,
Photography,
Metal Work
Painting
Experimental Art
Plaster/ Cement

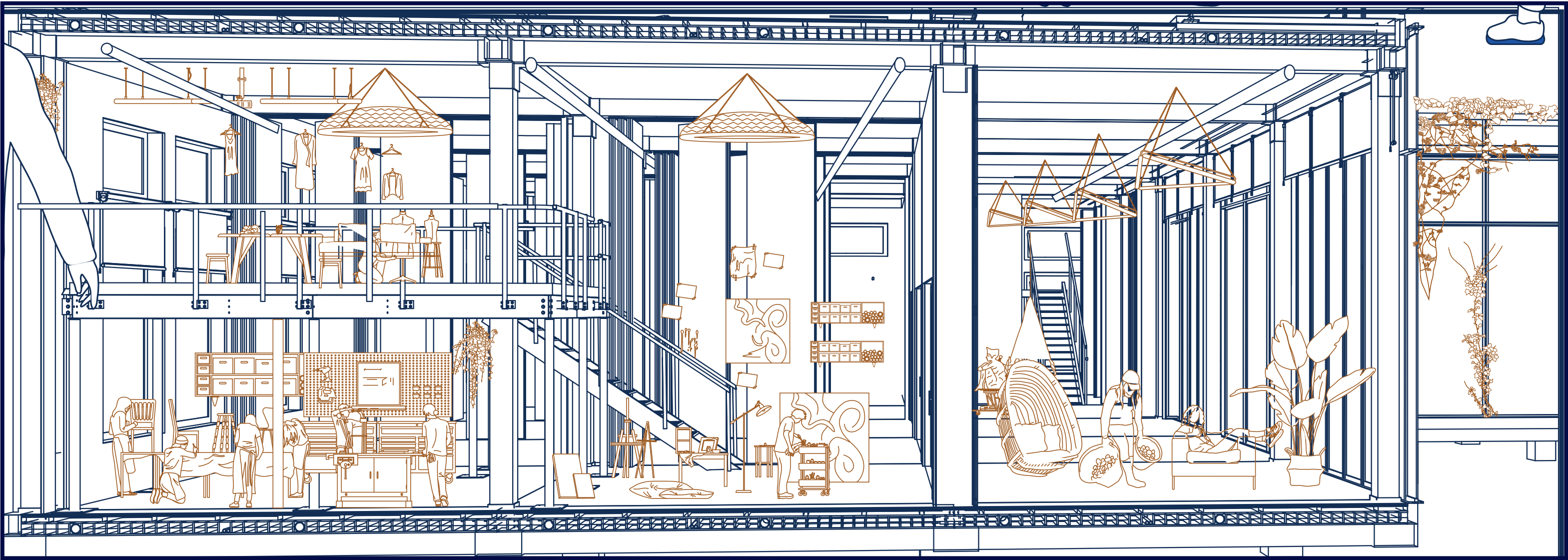
Programm Axo



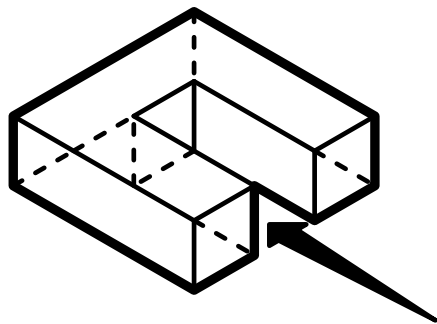
Ground Floor Plan 1:200



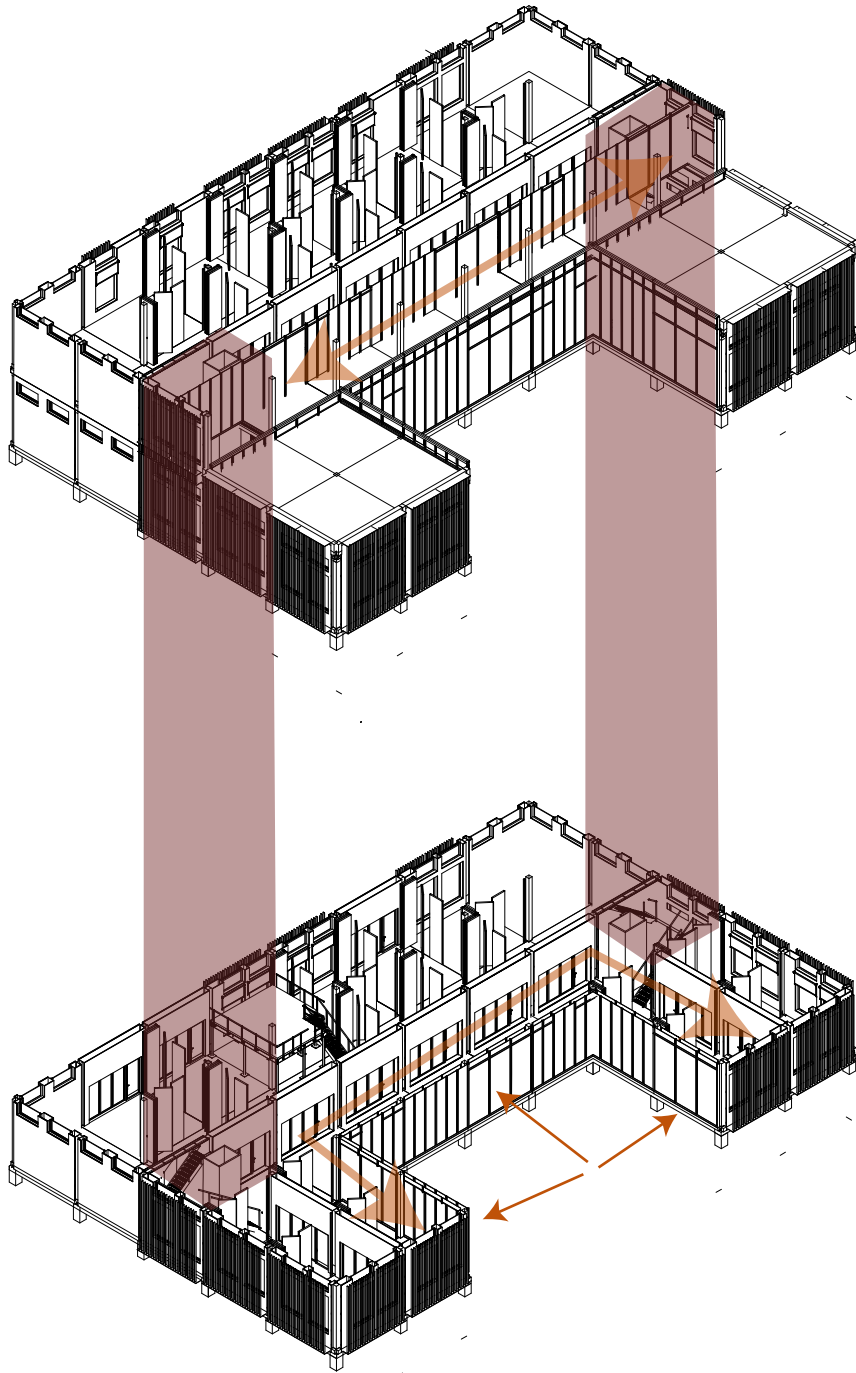
Section A-A 1:200



Sectional View of Ground Floor Entrance

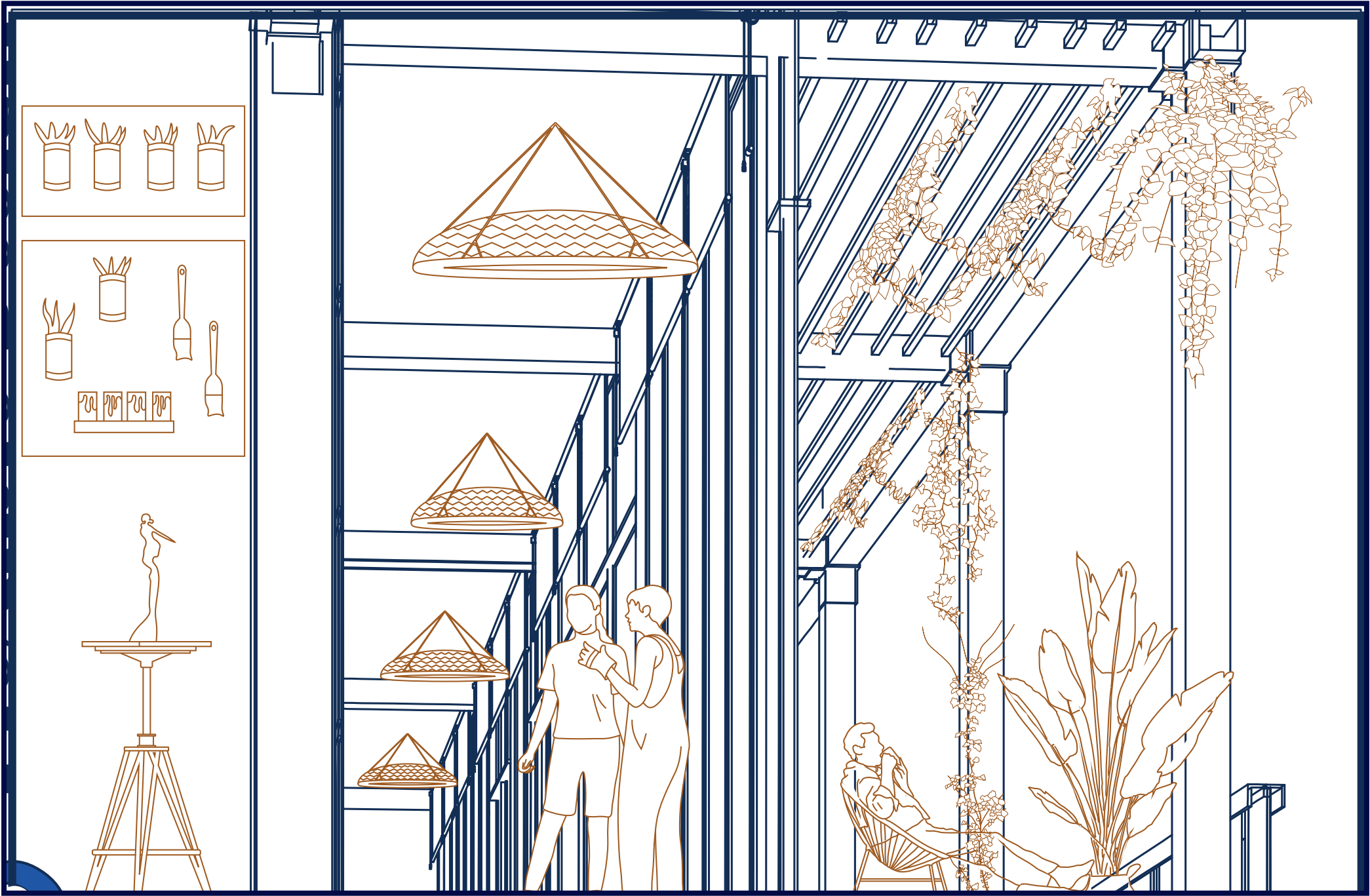


Building Courtyard Strategy

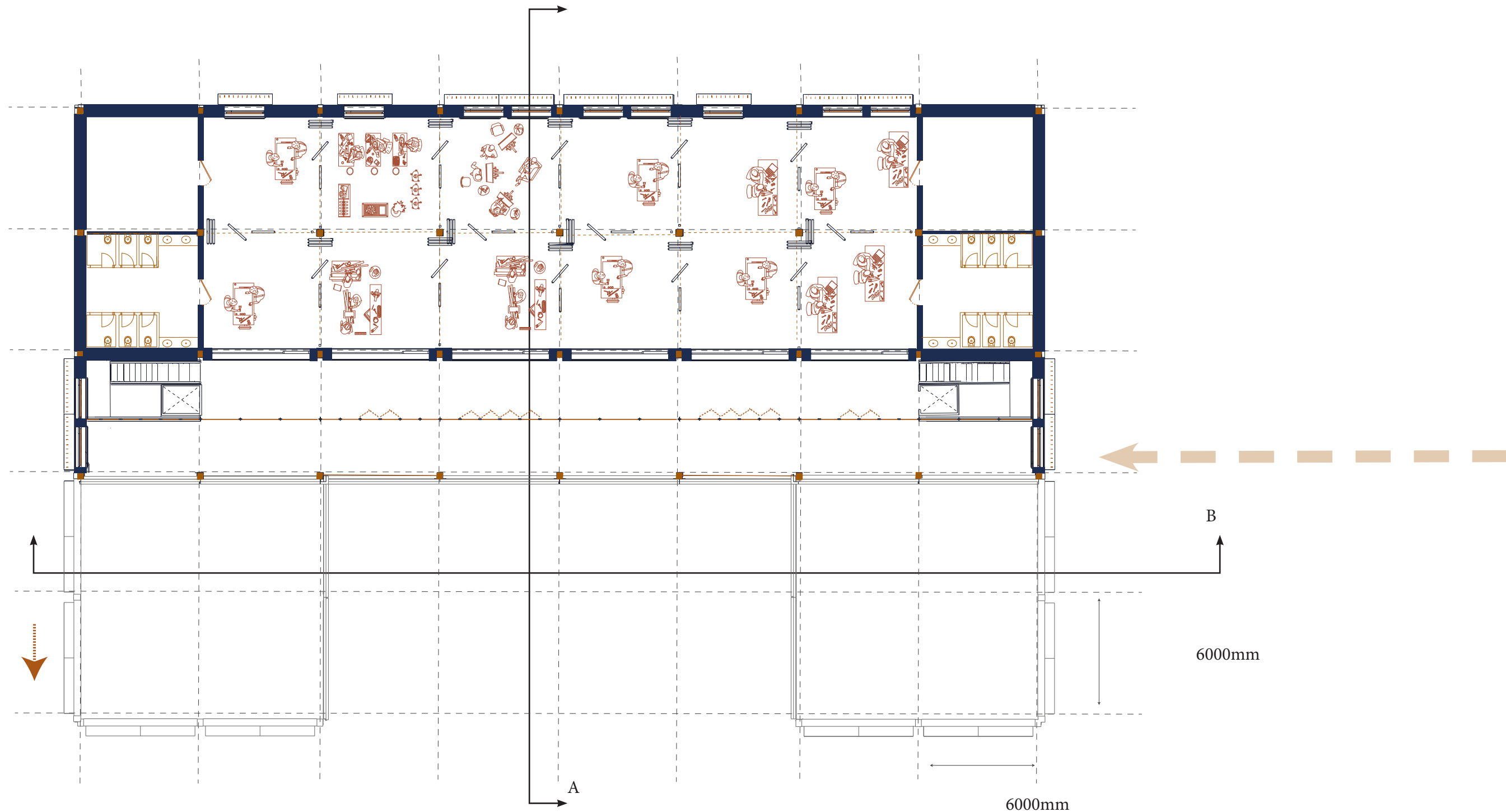


Circulation Axo

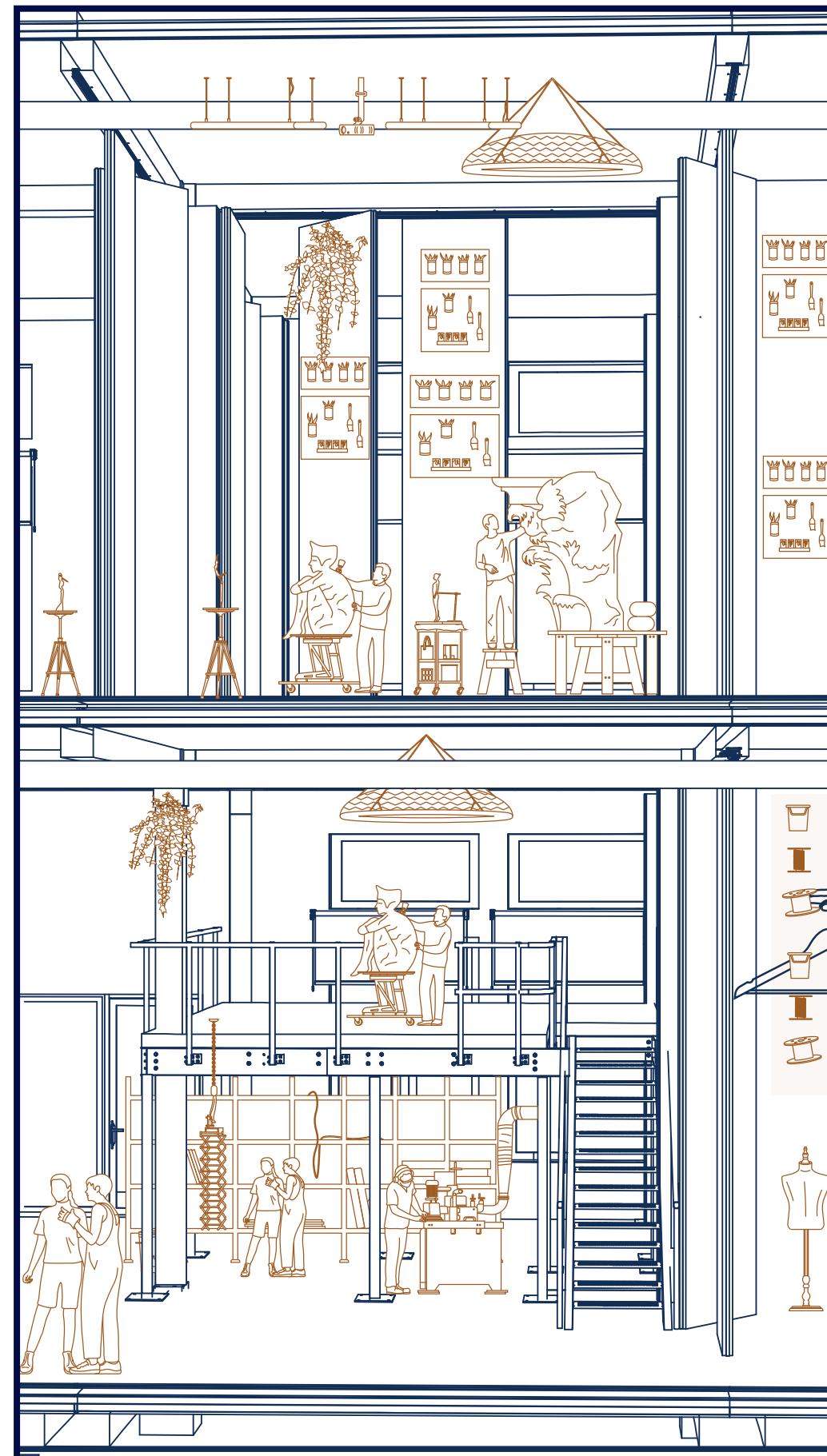
- Bathroom
- Flexible Open/ Corridor Space
- Outdoor Corridor
- Circulation
- Workshop Open Spaces:
Pottery
Wood Working,
Photography,
Metal Work
Painting
Experimental Art
Plaster/ Cement



Sectional View of Circulation between Inner and Outer Corridor

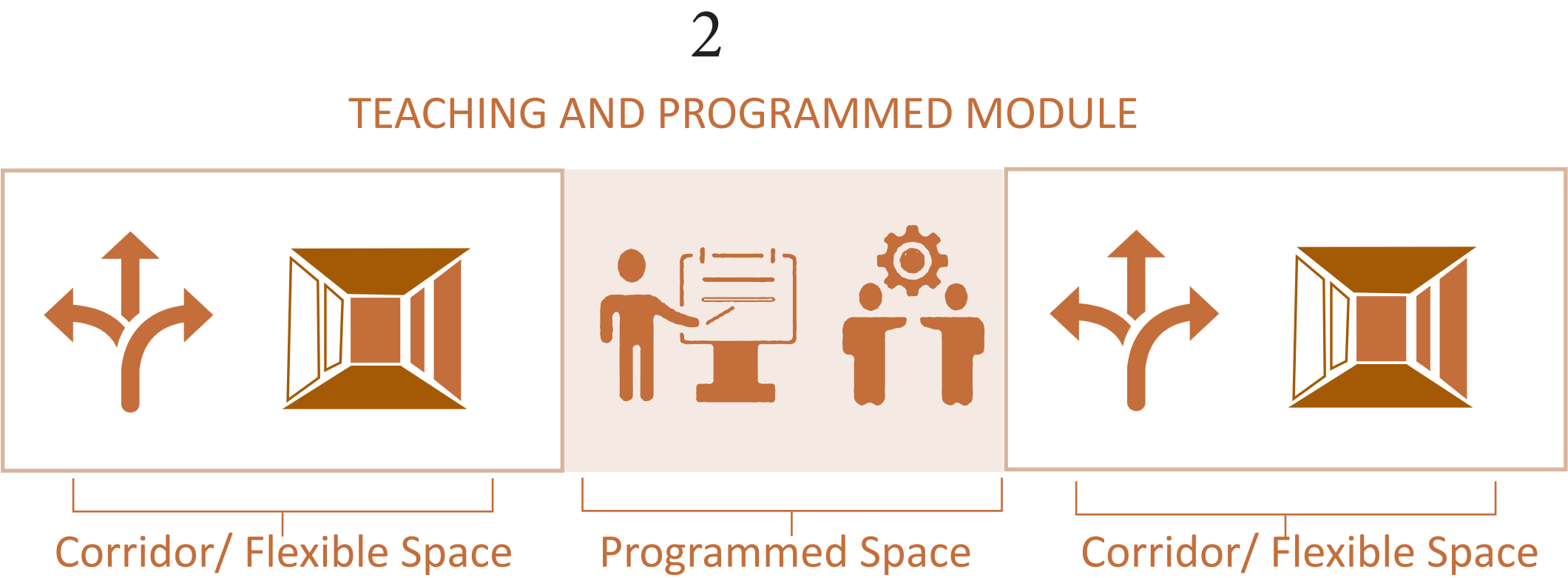
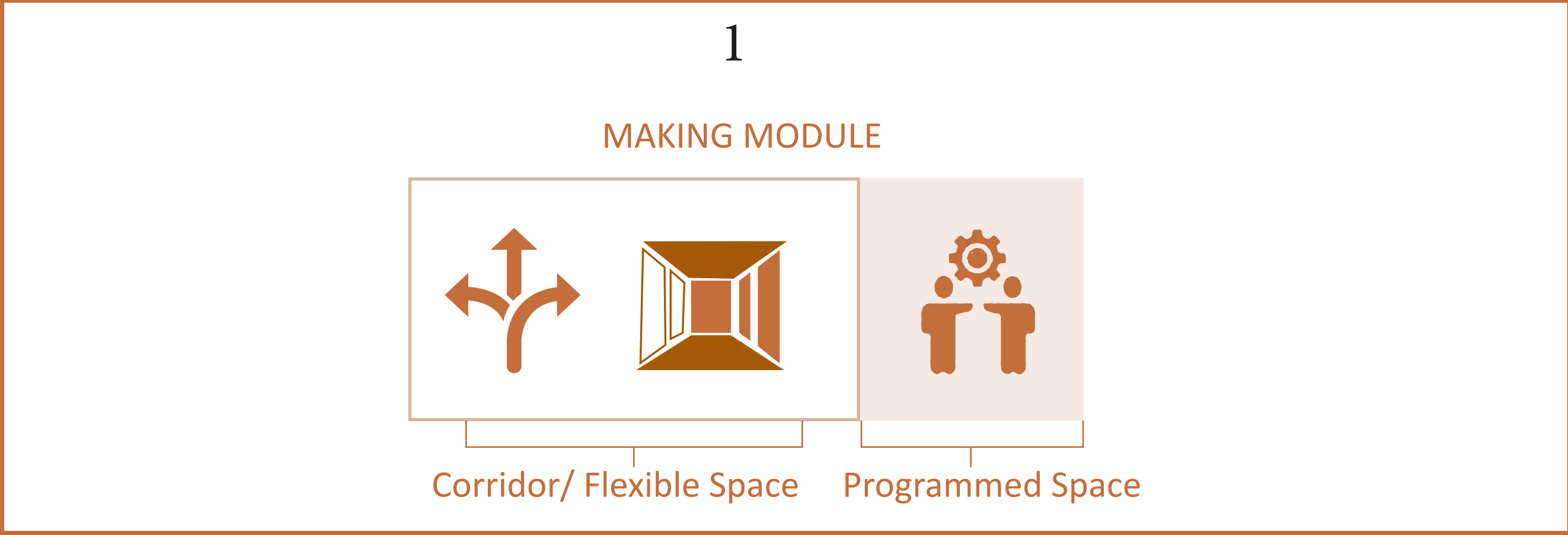


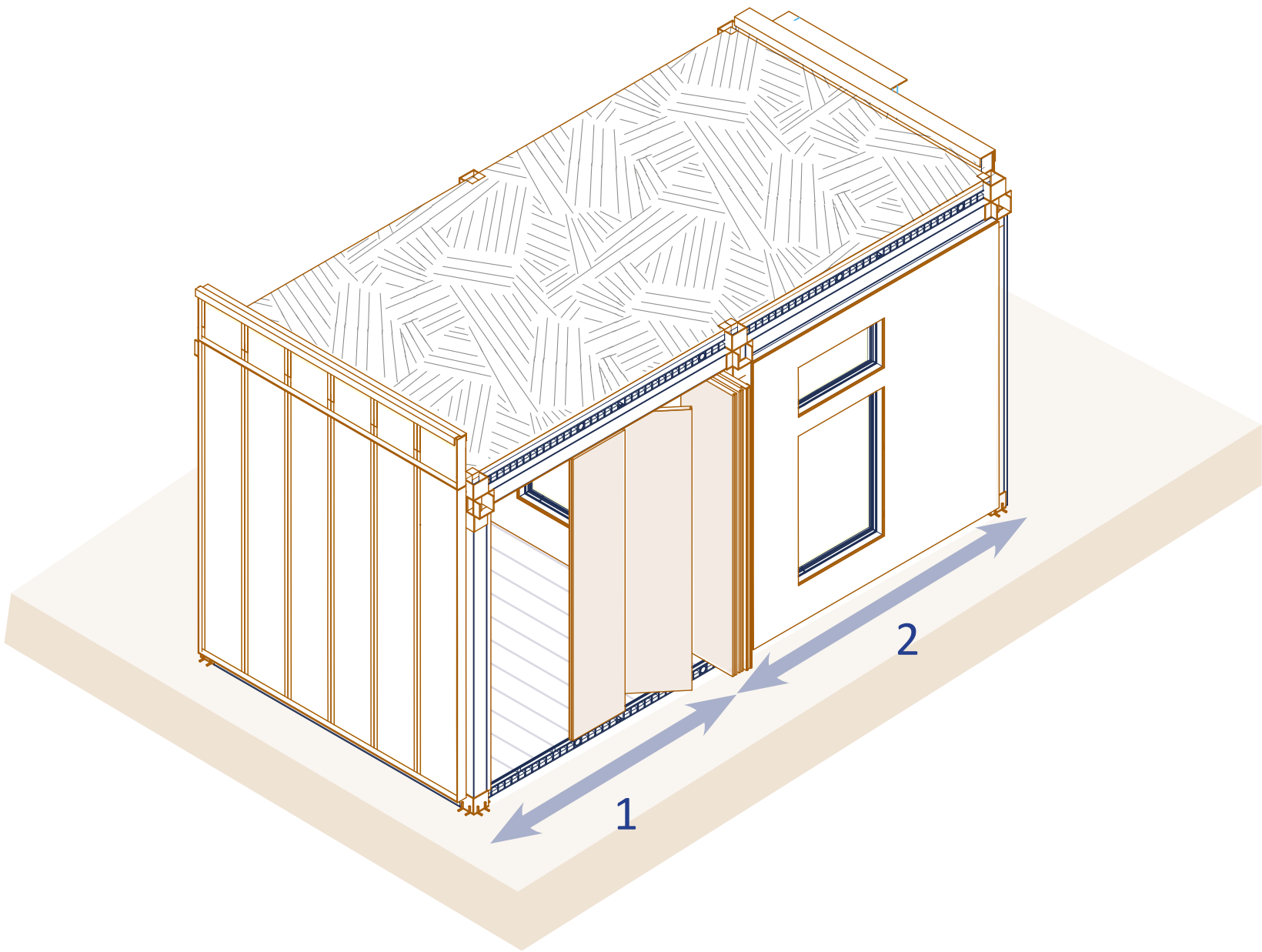
First Floor Plan 1:200



Sectional View of Workshop Space

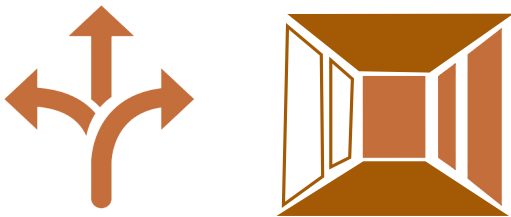
TYPOLOGY OF MODULES



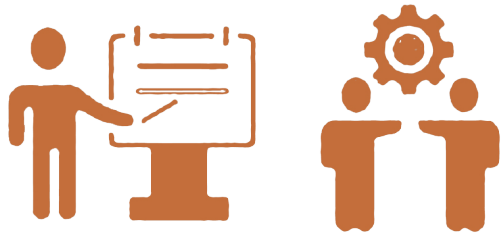


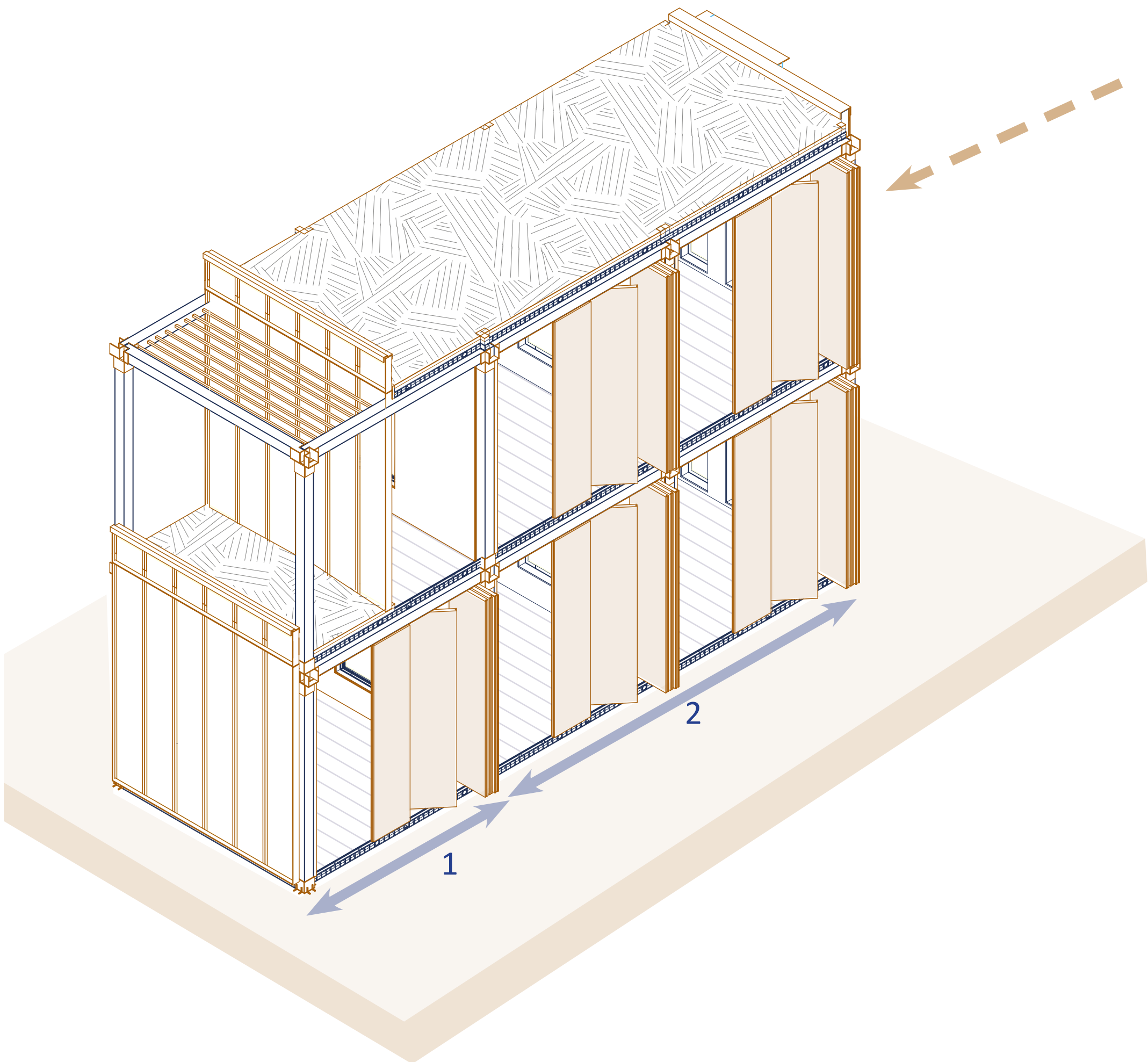
SINGLE MODULE
MAKING SPACES

1 Corridor/ Flexible Space



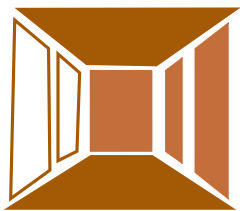
2 Programmed Space





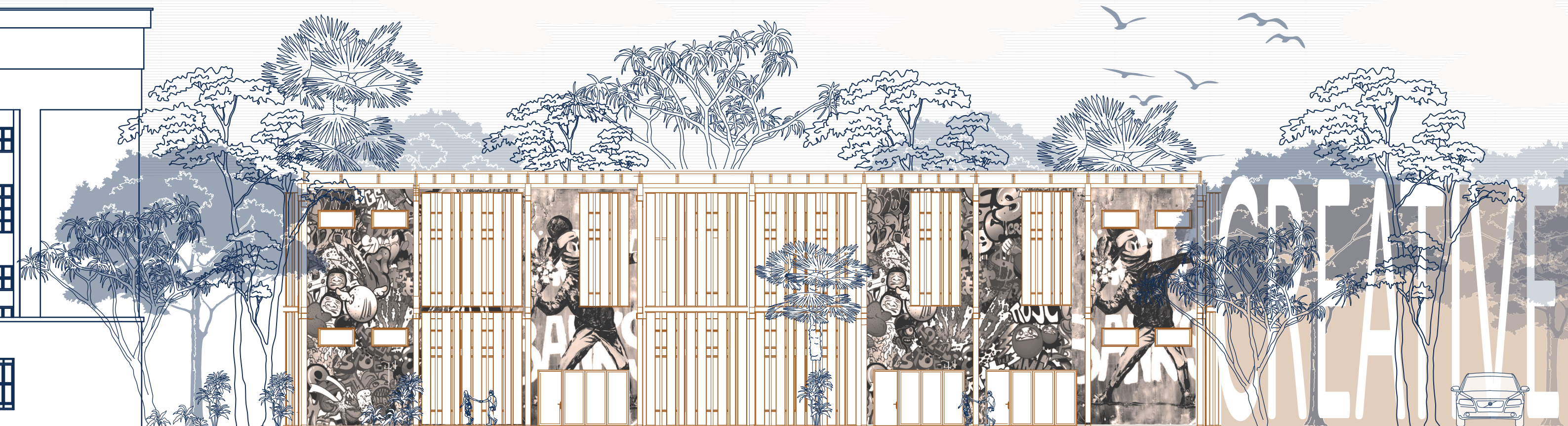
DOUBLE MODULE
MAKING SPACES

1 Corridor/ Flexible Space



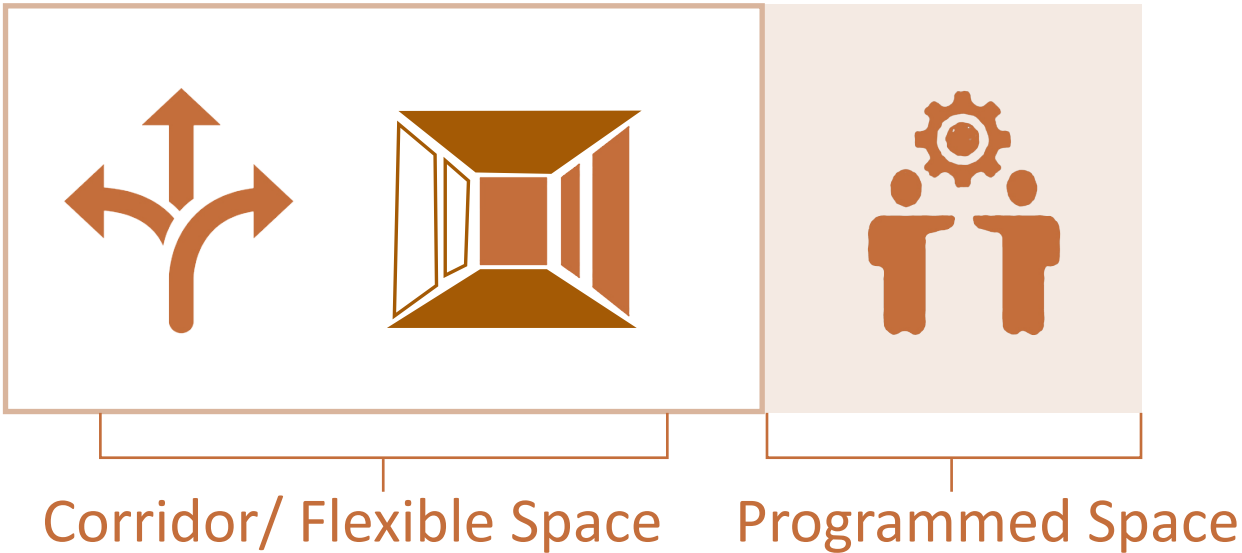
2 Programmed Space





1

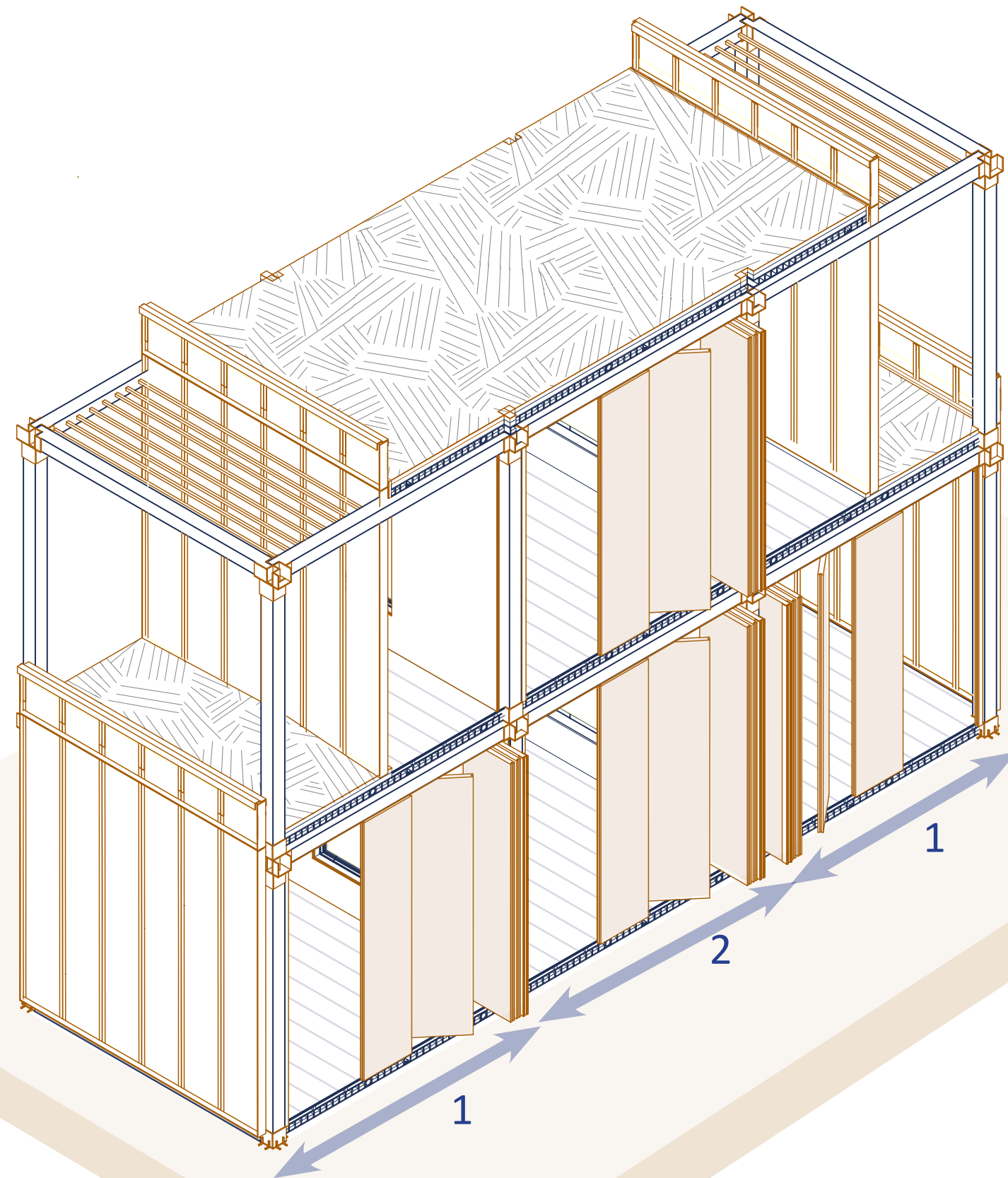
MAKING MODULE



2

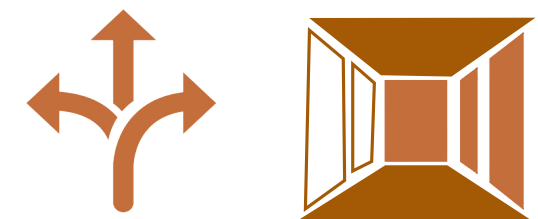
TEACHING AND PROGRAMMED MODULE





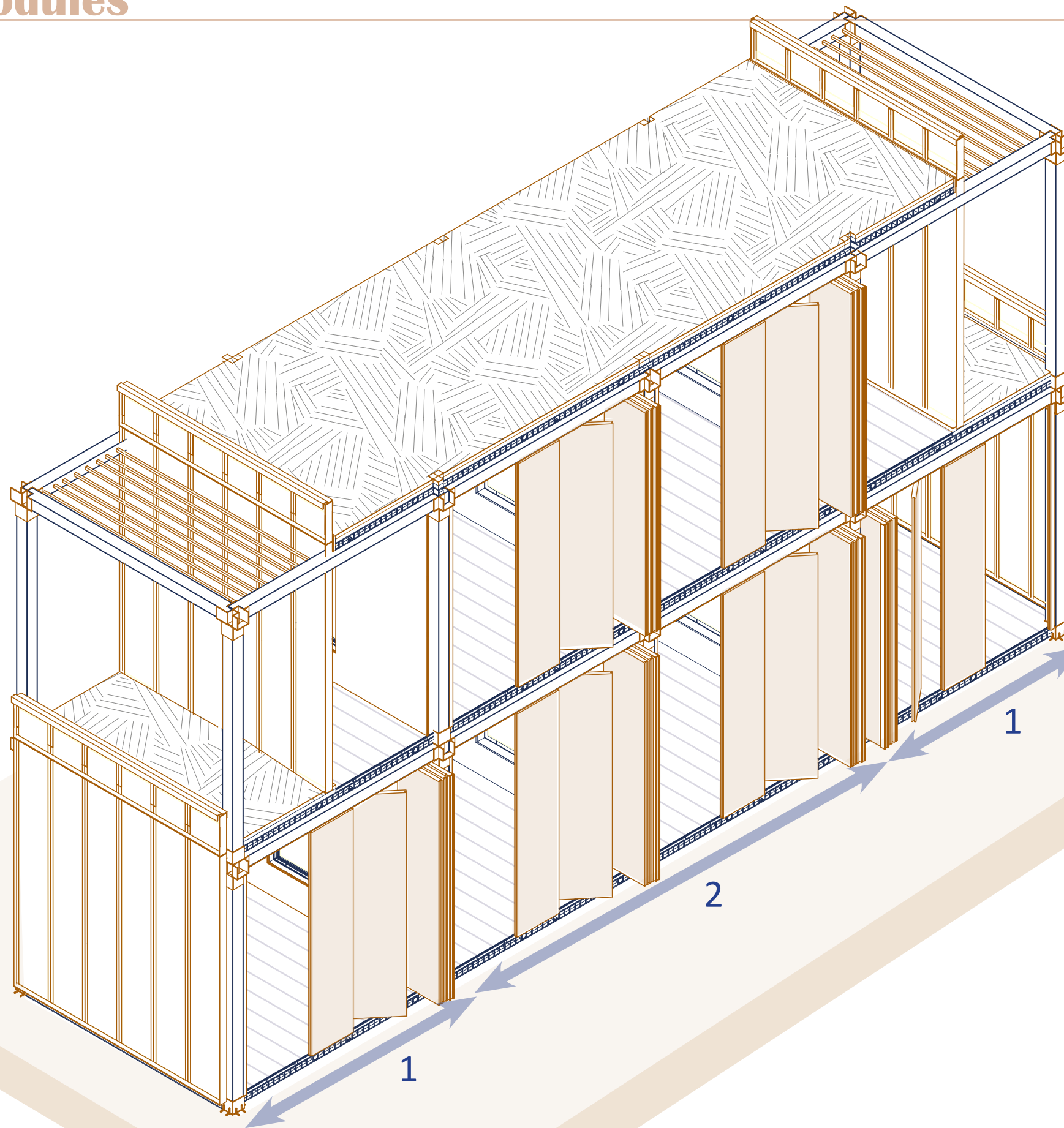
SINGLE MODULE TEACHING AND PUBLIC SPACES

1 Corridor/ Flexible Space



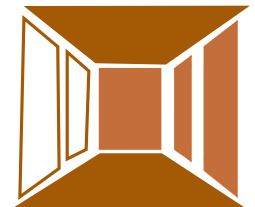
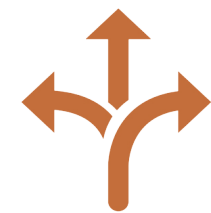
2 Programmed Space





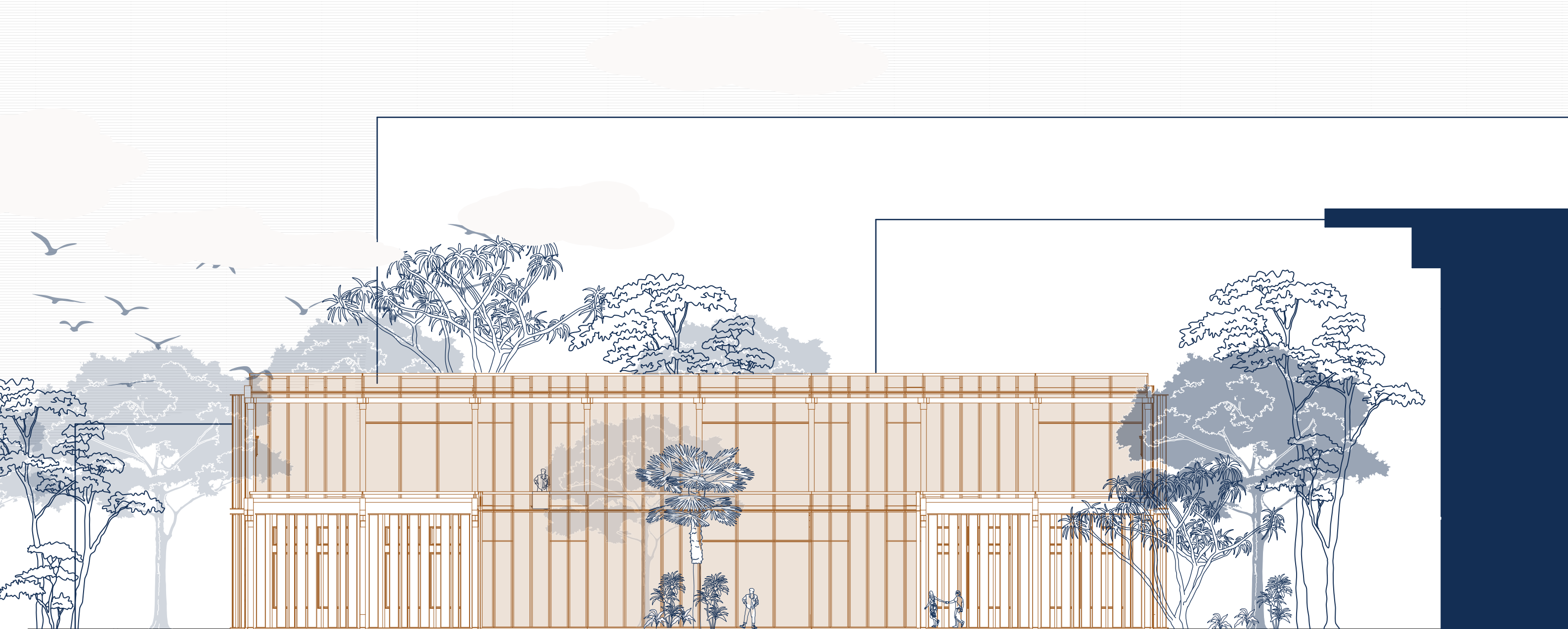
DOUBLE MODULE TEACHING AND PUBLIC SPACES

1 Corridor/ Flexible Space

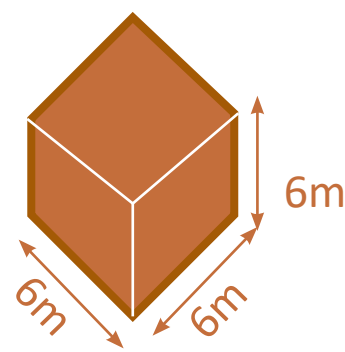


2 Programmed Space





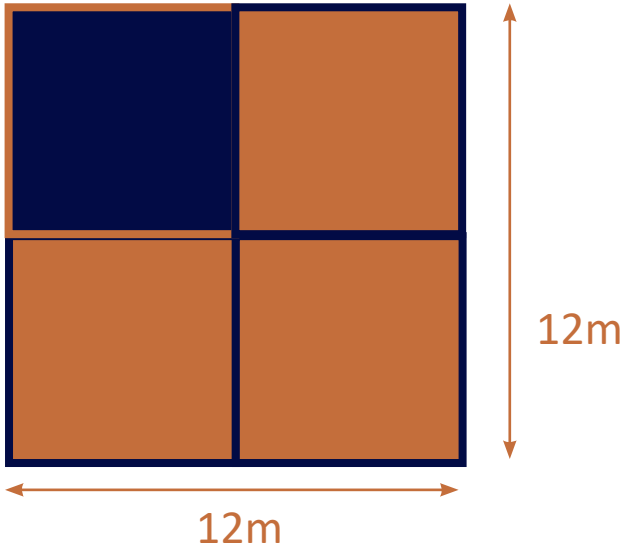
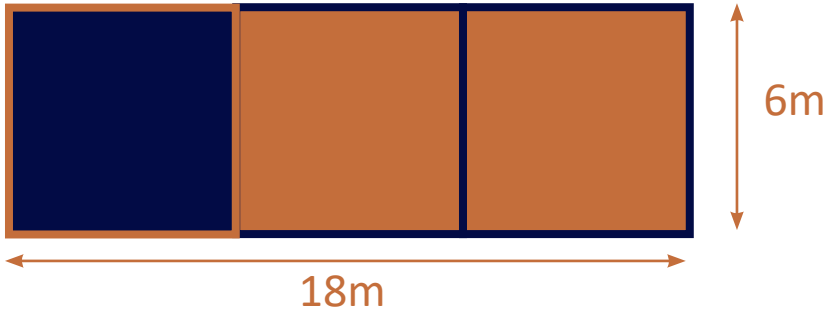
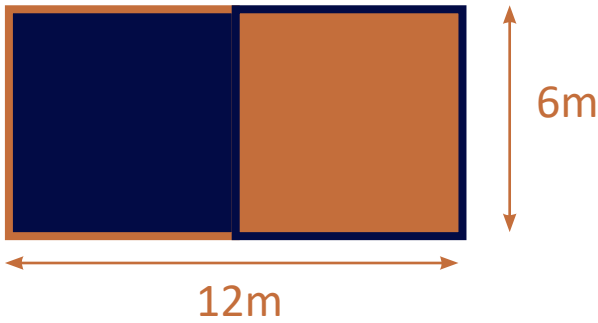
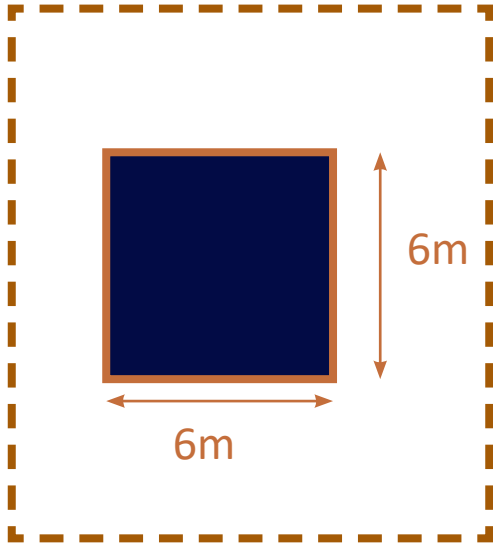
East Facade 1:200




S

Program Required Size

XL

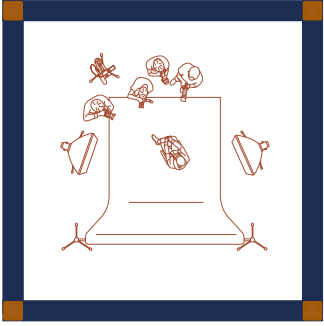


S
6m x 6m


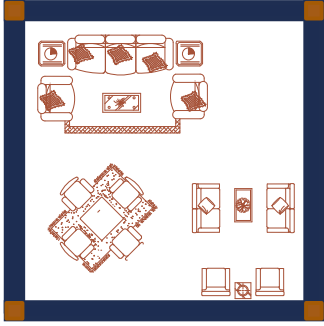
Workshop



Studio



Living Space

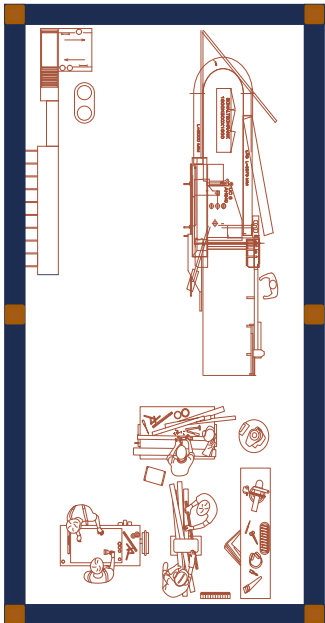


M

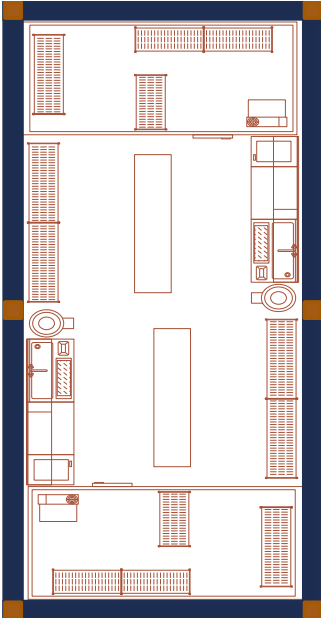
6m x 12m



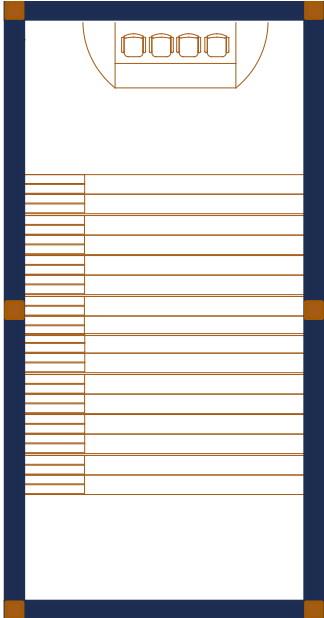
Workshop

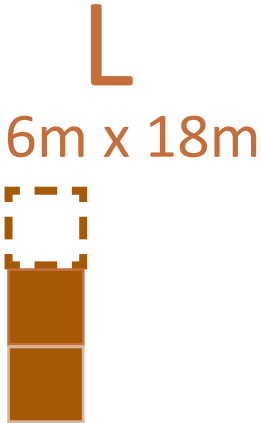


Kitchen

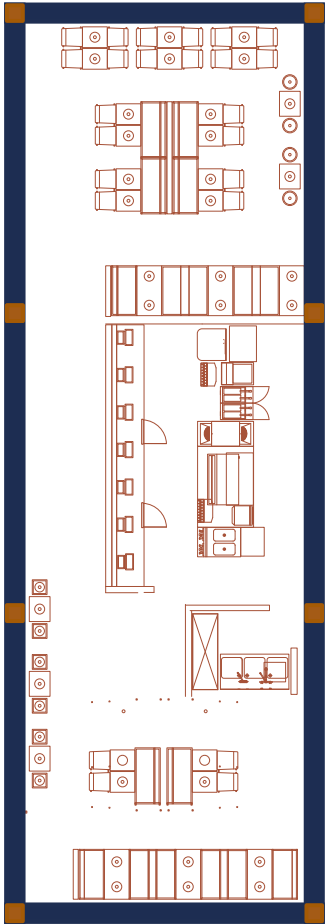


Open Learning

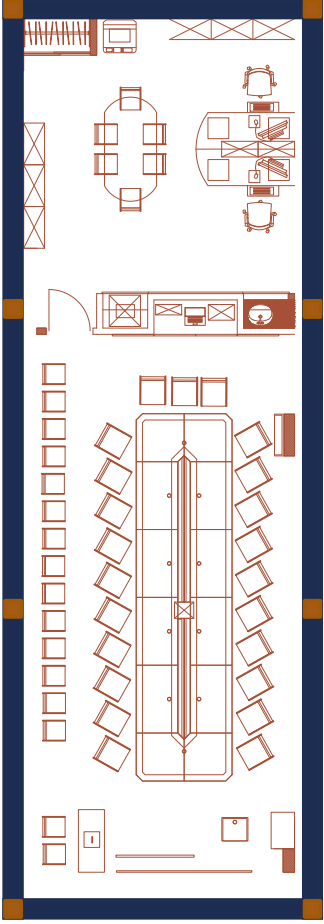




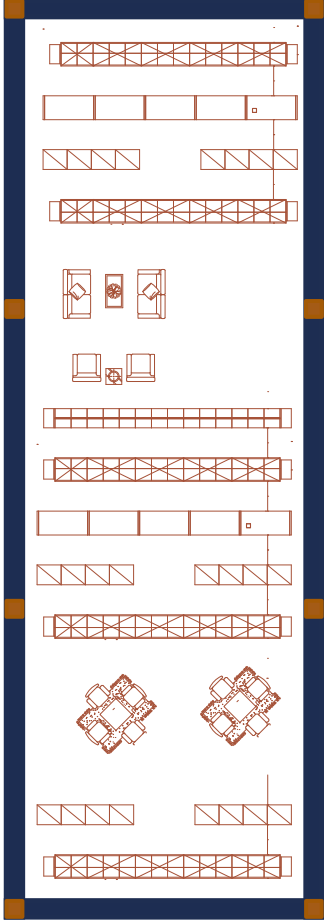
Cafe



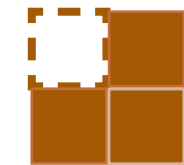
Confrence Space



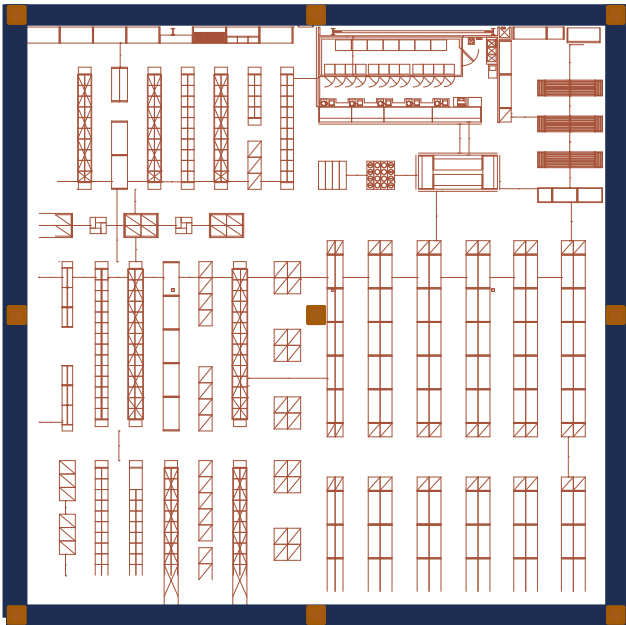
Library



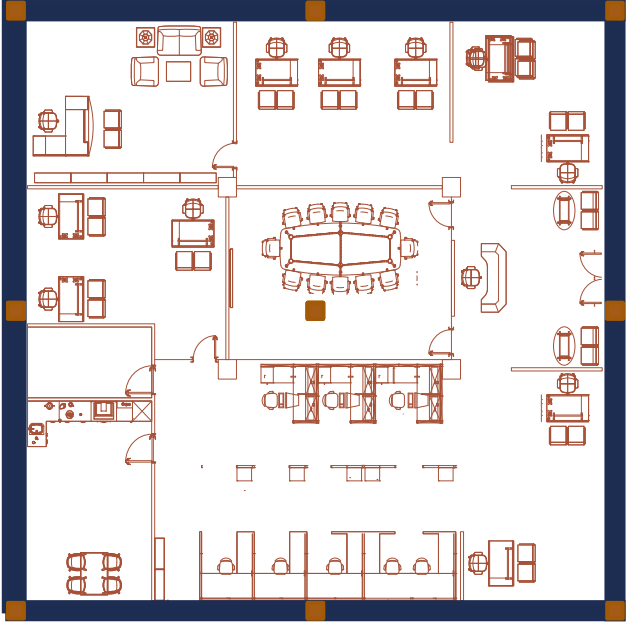
XL
12m x12m



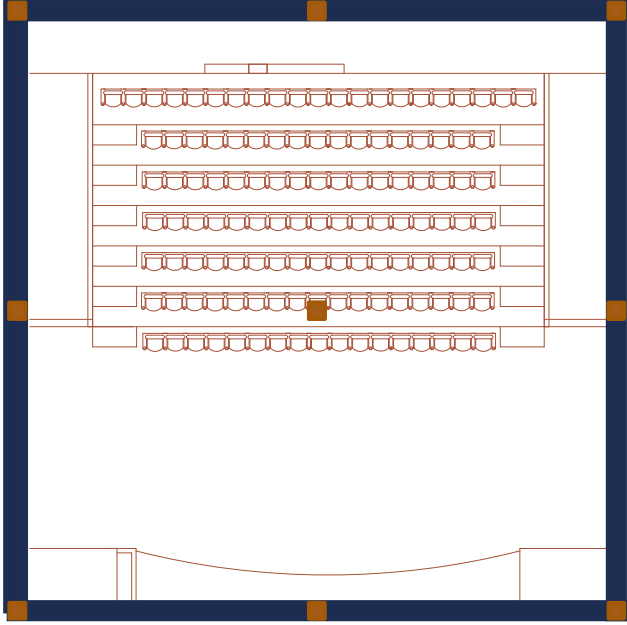
Store



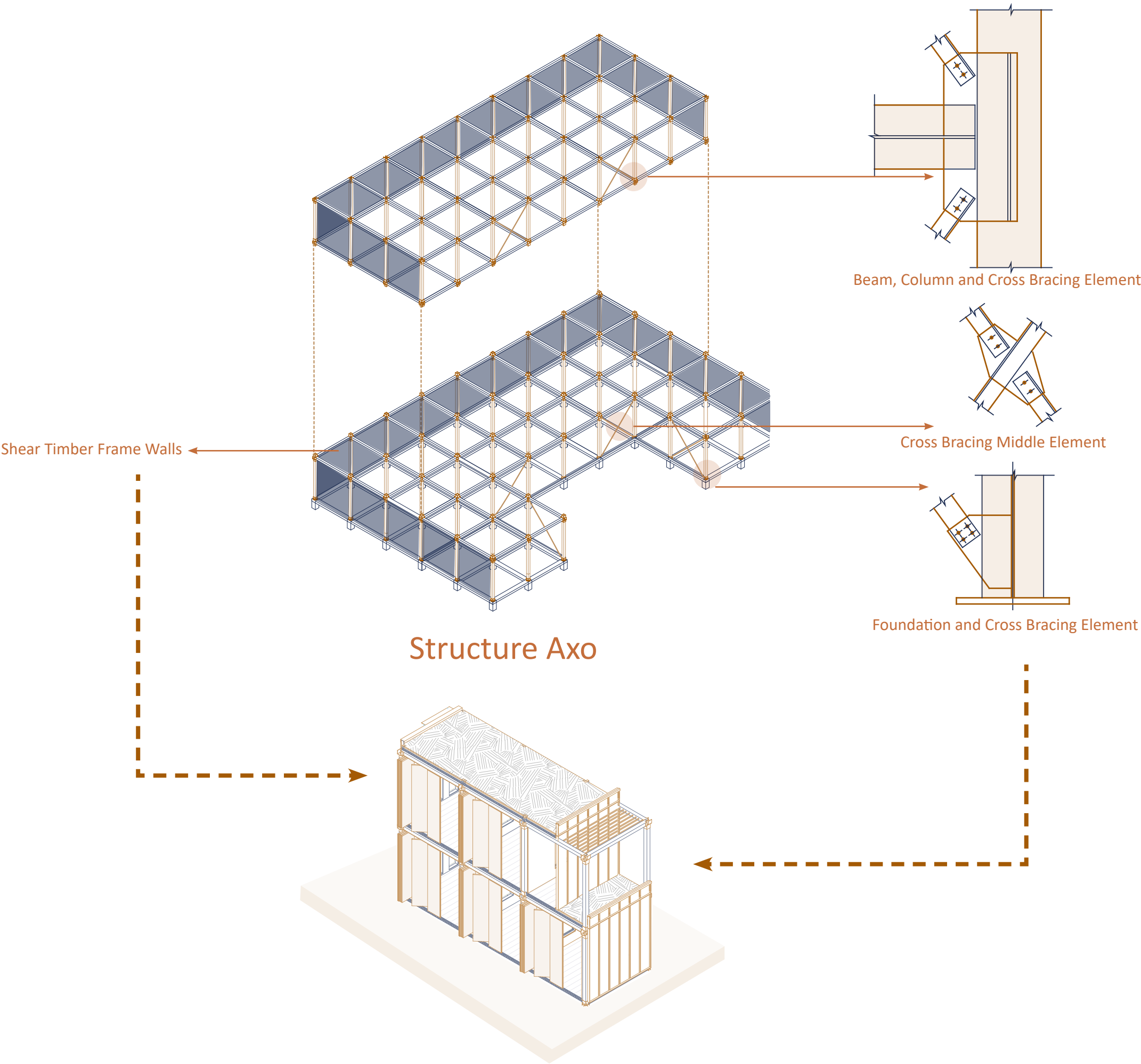
Office Space

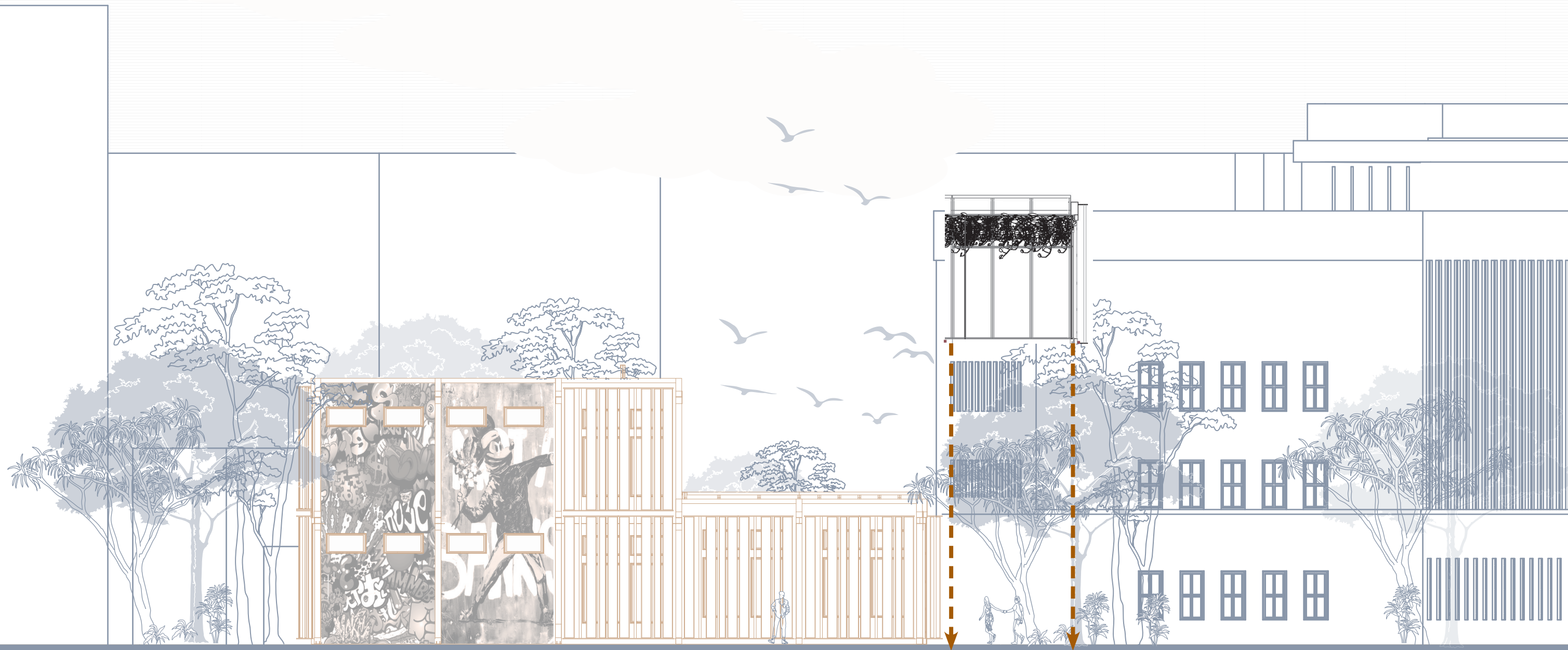


Auditorium



STRUCTURE

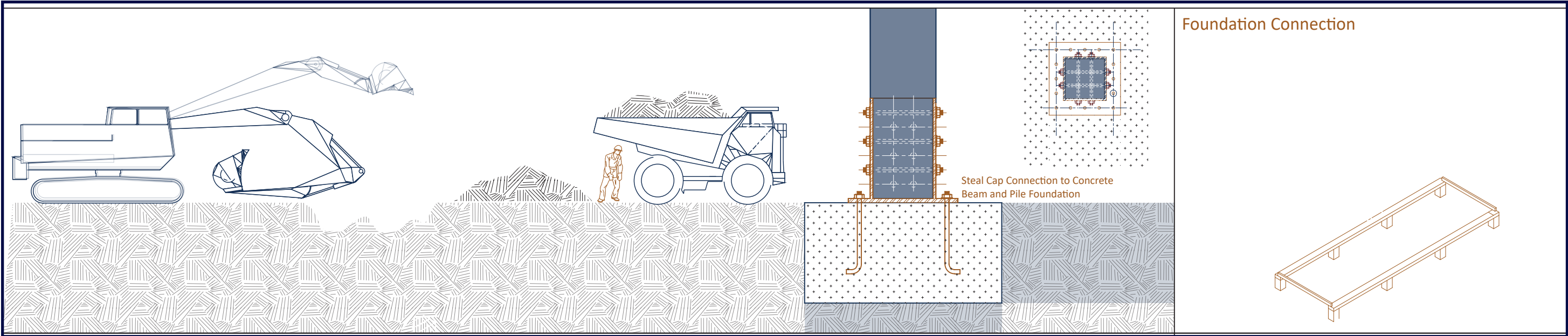


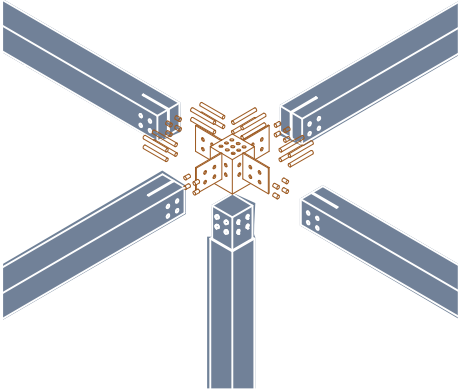


South Facade 1:200

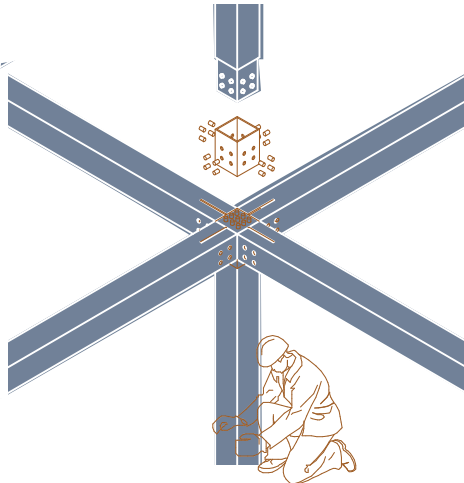
Modules can be added

MODULE CONSTRUCTION

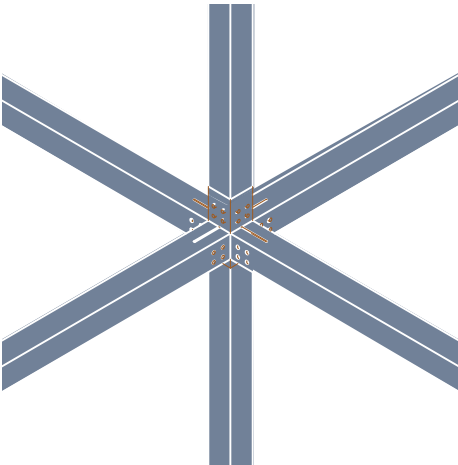




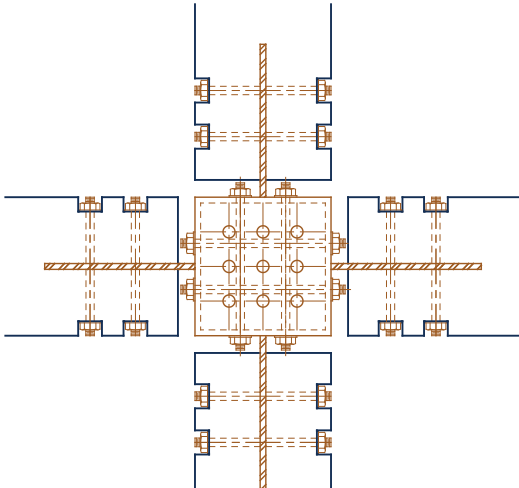
Node 1.0 Steal Cap and Beam Hanger with CLT members



Node 2.0- Steal Cap can be added ontop of base Node to add additional floors

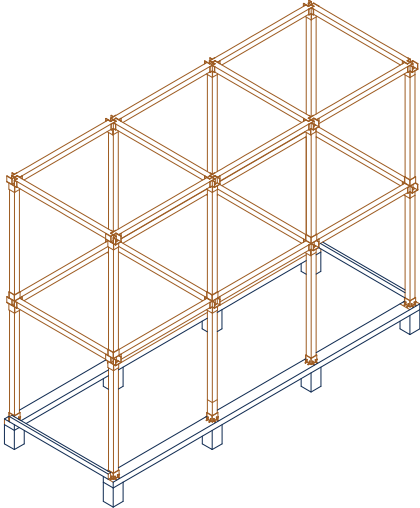


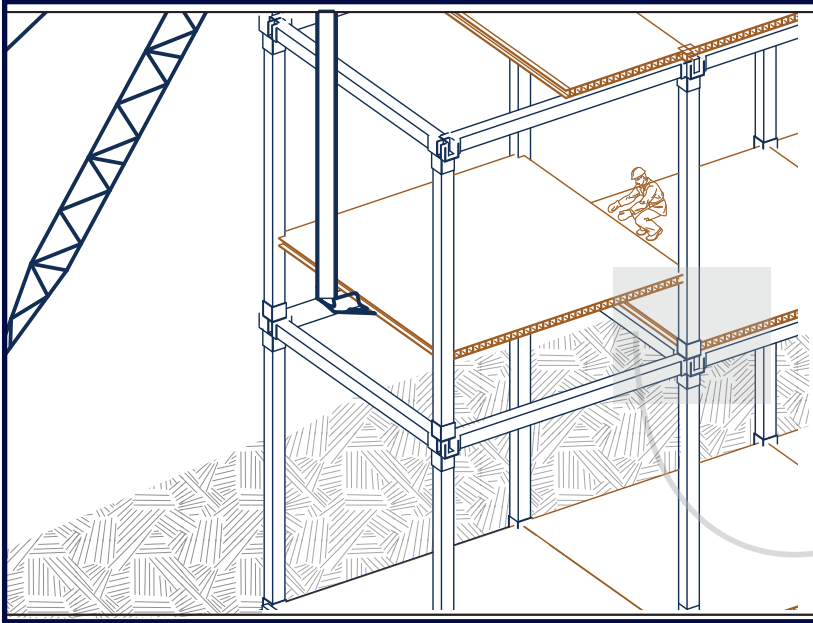
Fully connected members and Node 2.0



Plan of Node and CLT members

Beam and Column Elements





4

Finish Timber Floor

3

Heating Floor System

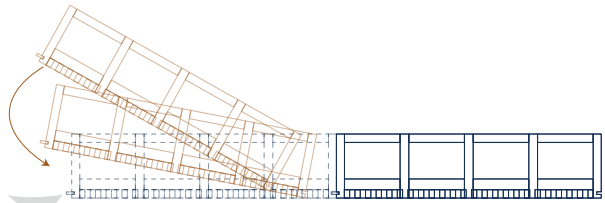
2

Battens with Sand infill

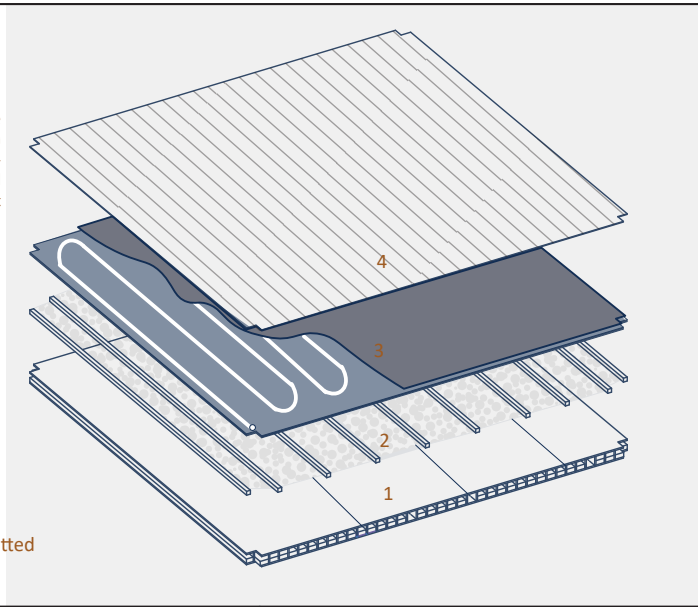
1

Lignatur Floor System

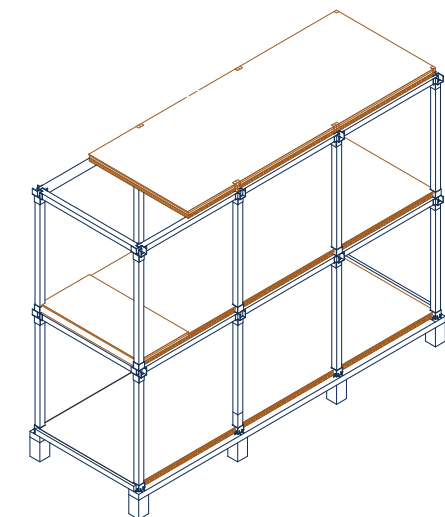
Note: The assembly of the entire floor system can be done in increments in construction depending on the users wants for additional rooms and structural independent elements within the building.

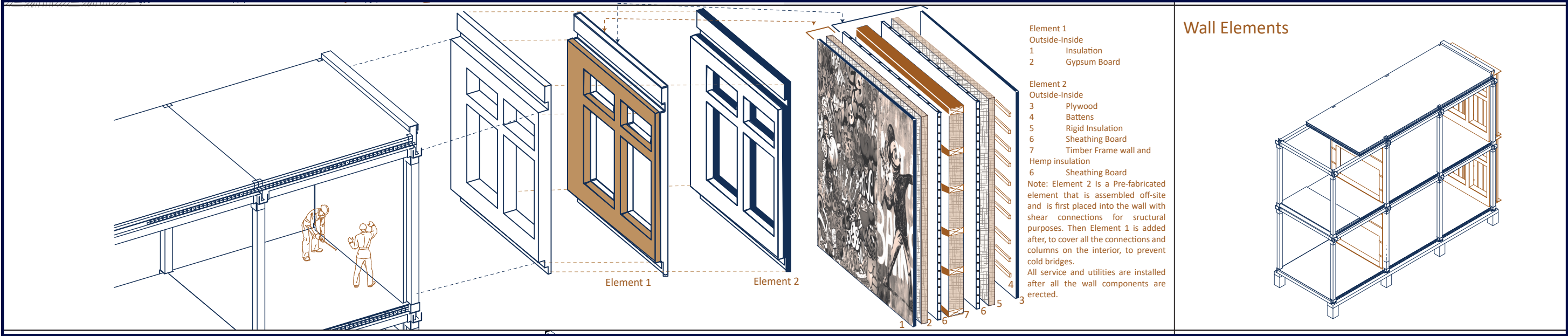


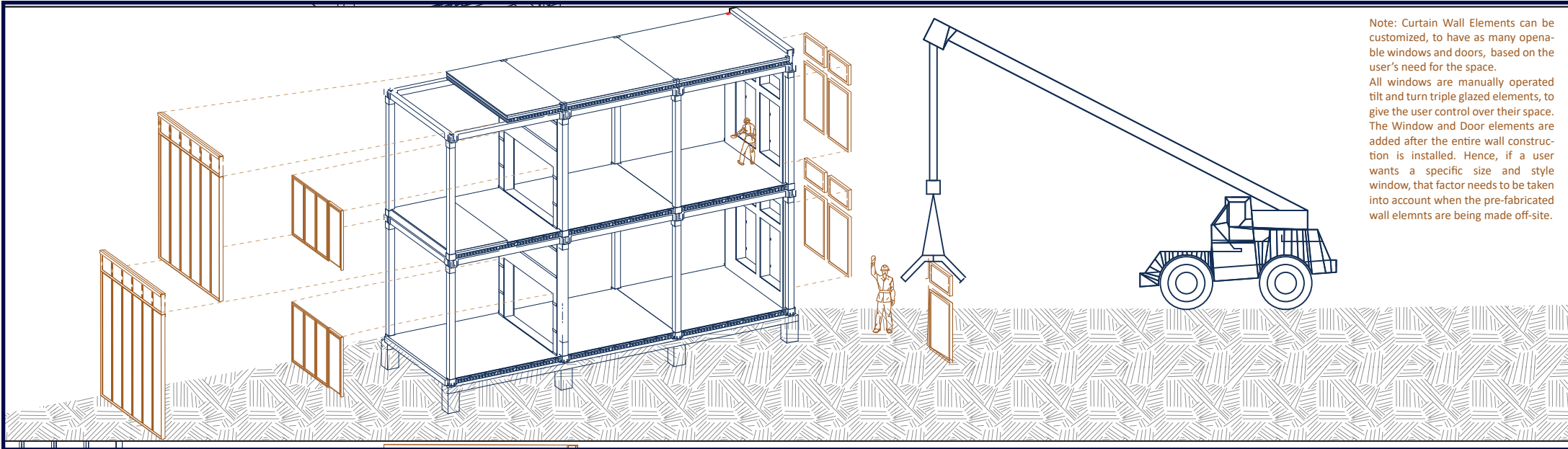
Lignatur Floor [Geometry surface element LFE] are slotted together on site easily and can be disassembled



Floor Elements

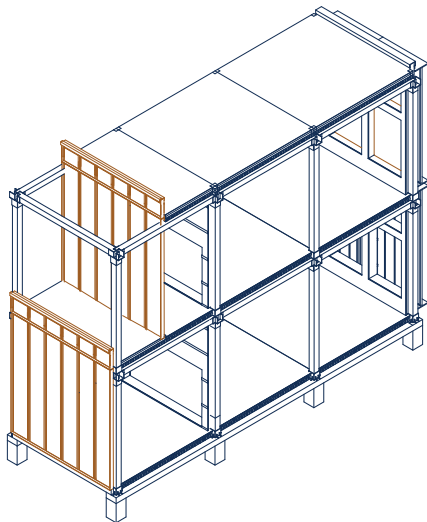


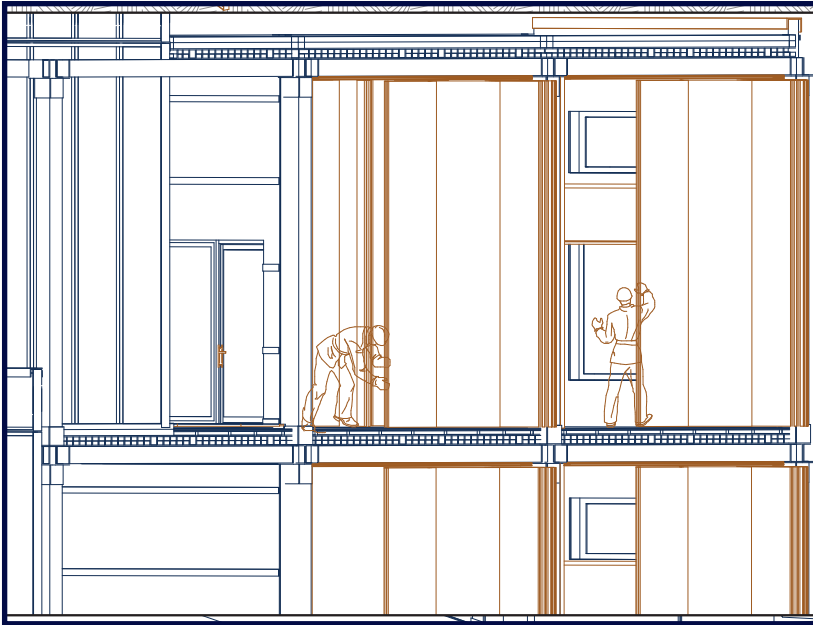


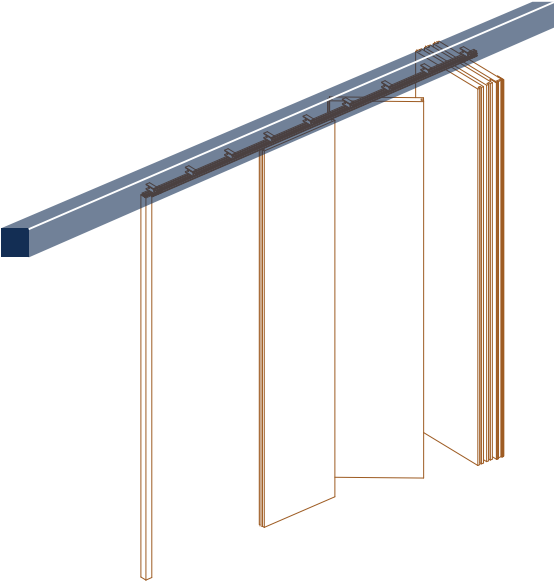


Note: Curtain Wall Elements can be customized, to have as many openable windows and doors, based on the user's need for the space. All windows are manually operated tilt and turn triple glazed elements, to give the user control over their space. The Window and Door elements are added after the entire wall construction is installed. Hence, if a user wants a specific size and style window, that factor needs to be taken into account when the pre-fabricated wall elements are being made off-site.

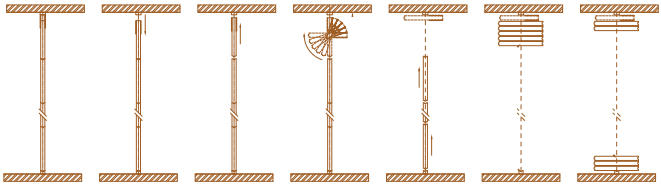
Framed And Glass Elements



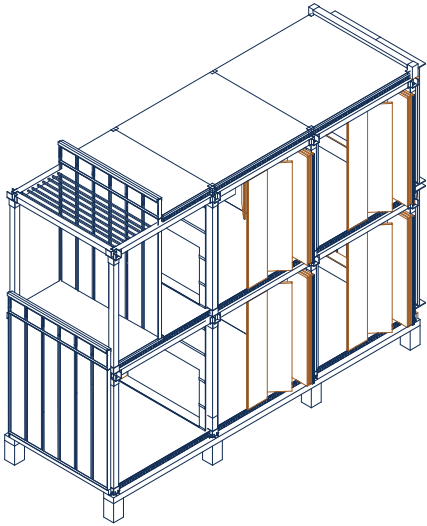


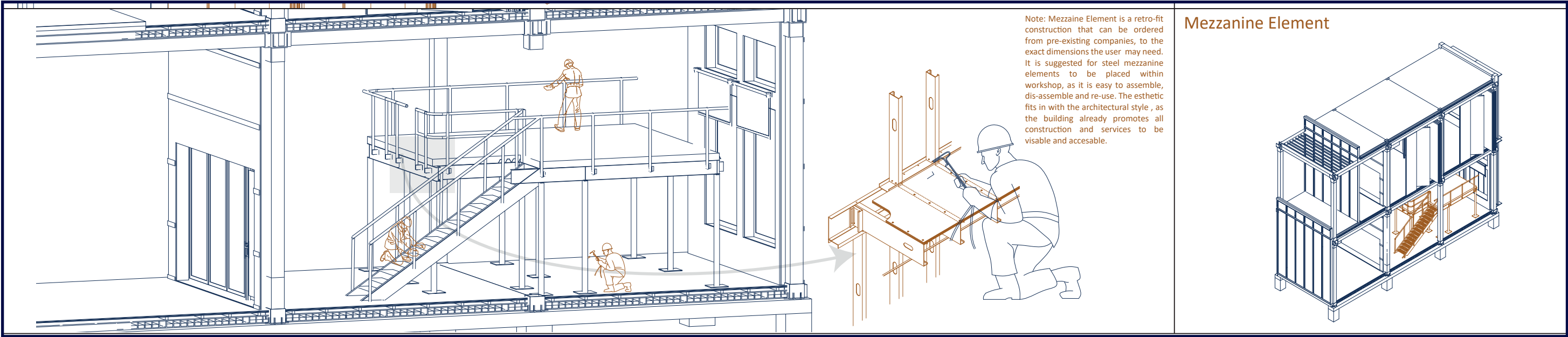


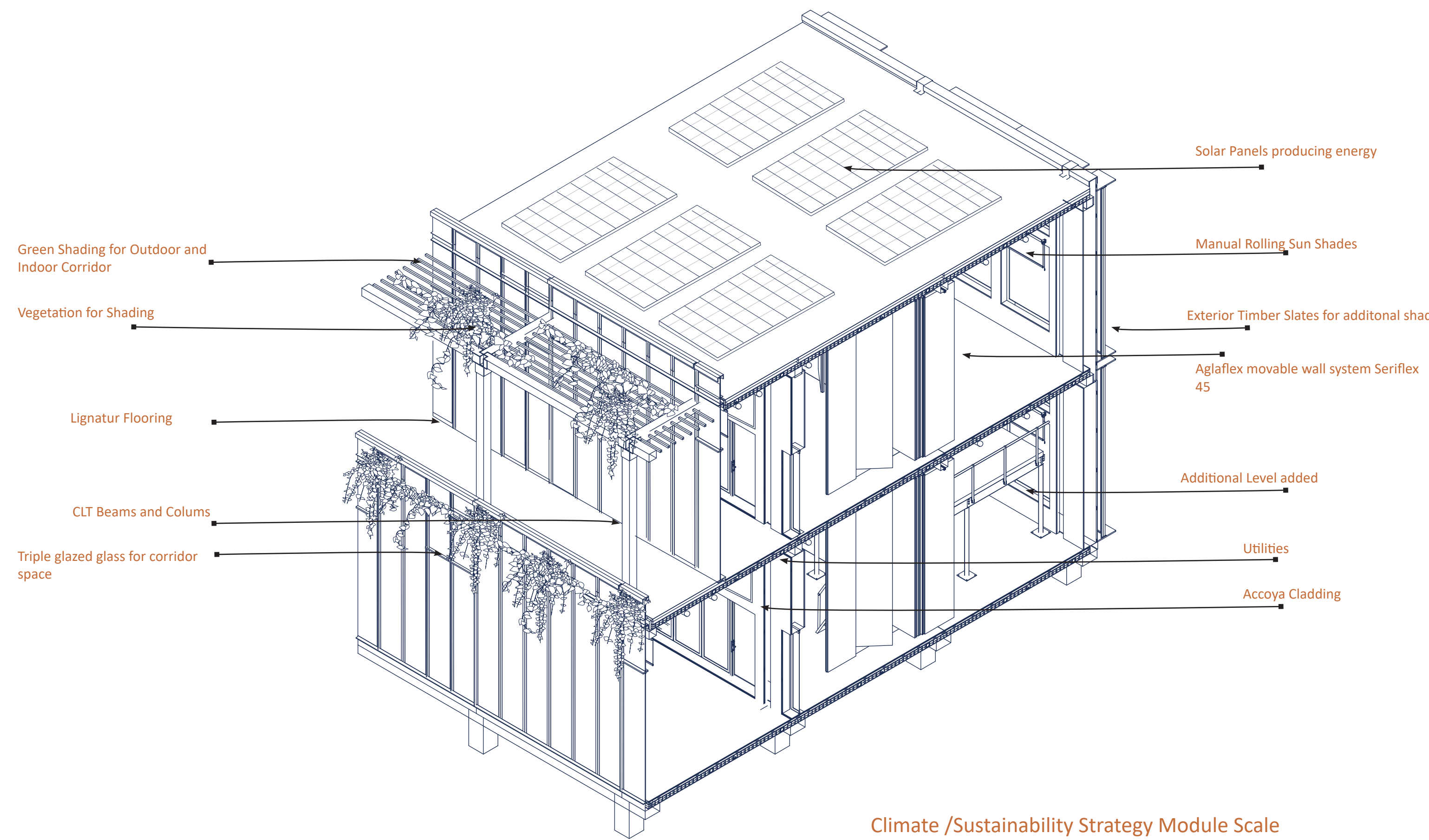
Note: Movable Wall elements can be ordered from pre-existing companies, to the exact style needed. These elements can be customized to have various different finishes or even made of glass for transparency. This system follows the 6m x6m Grid , being attached to the underside of the beam. This allow for the building to open up completely, or form semi-open or closed spaces. Giving the user a daily decision on how their space is perceived, with easy use.

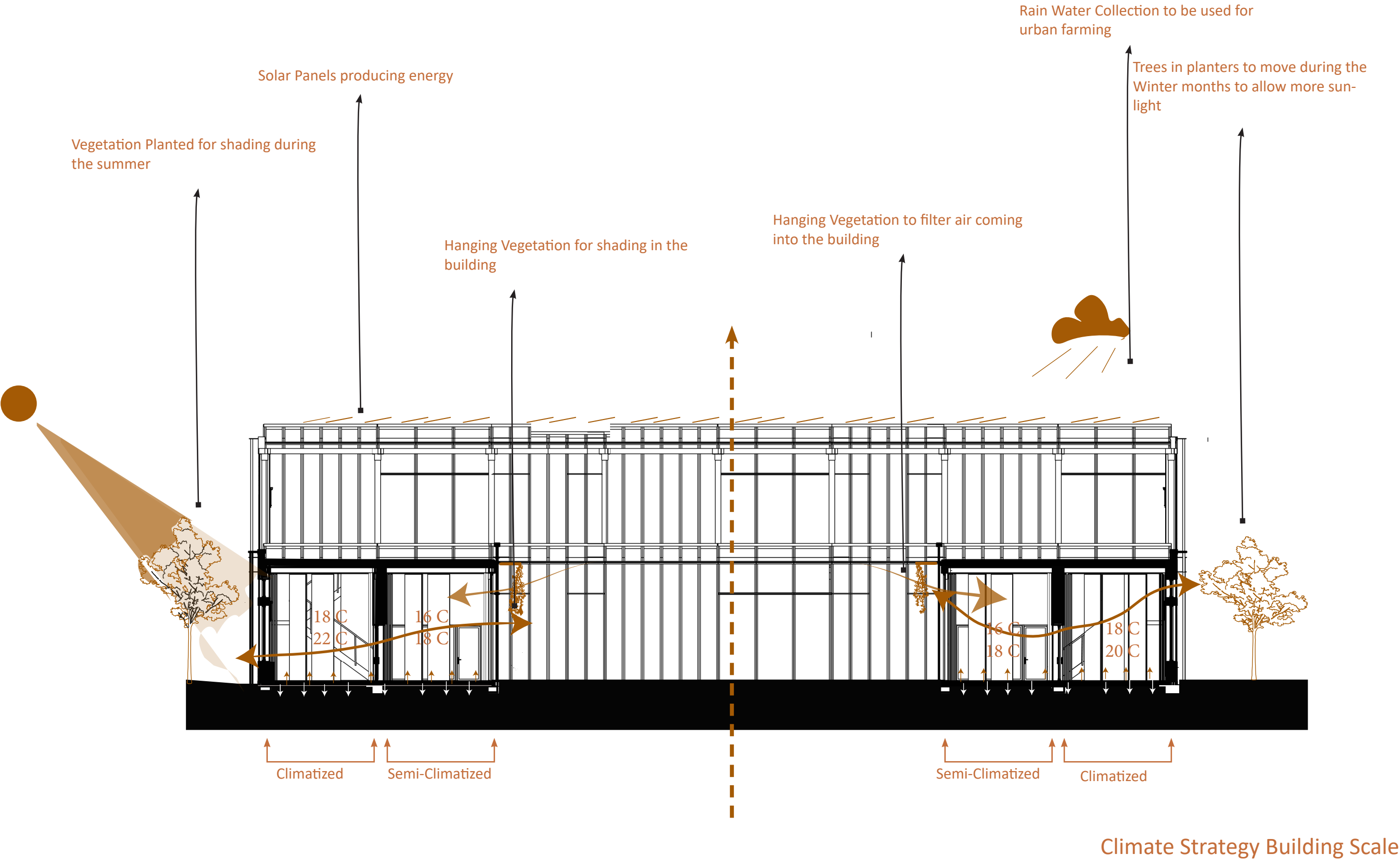


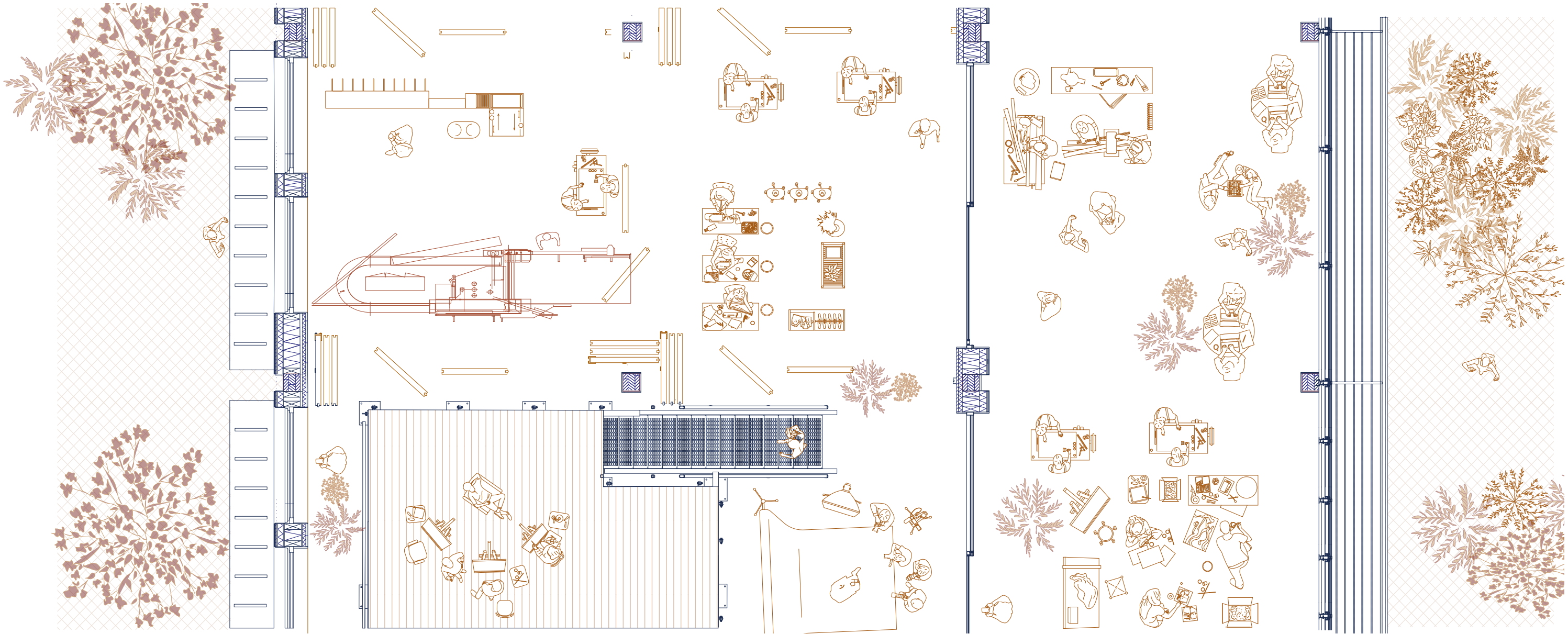
Movable Wall Elements



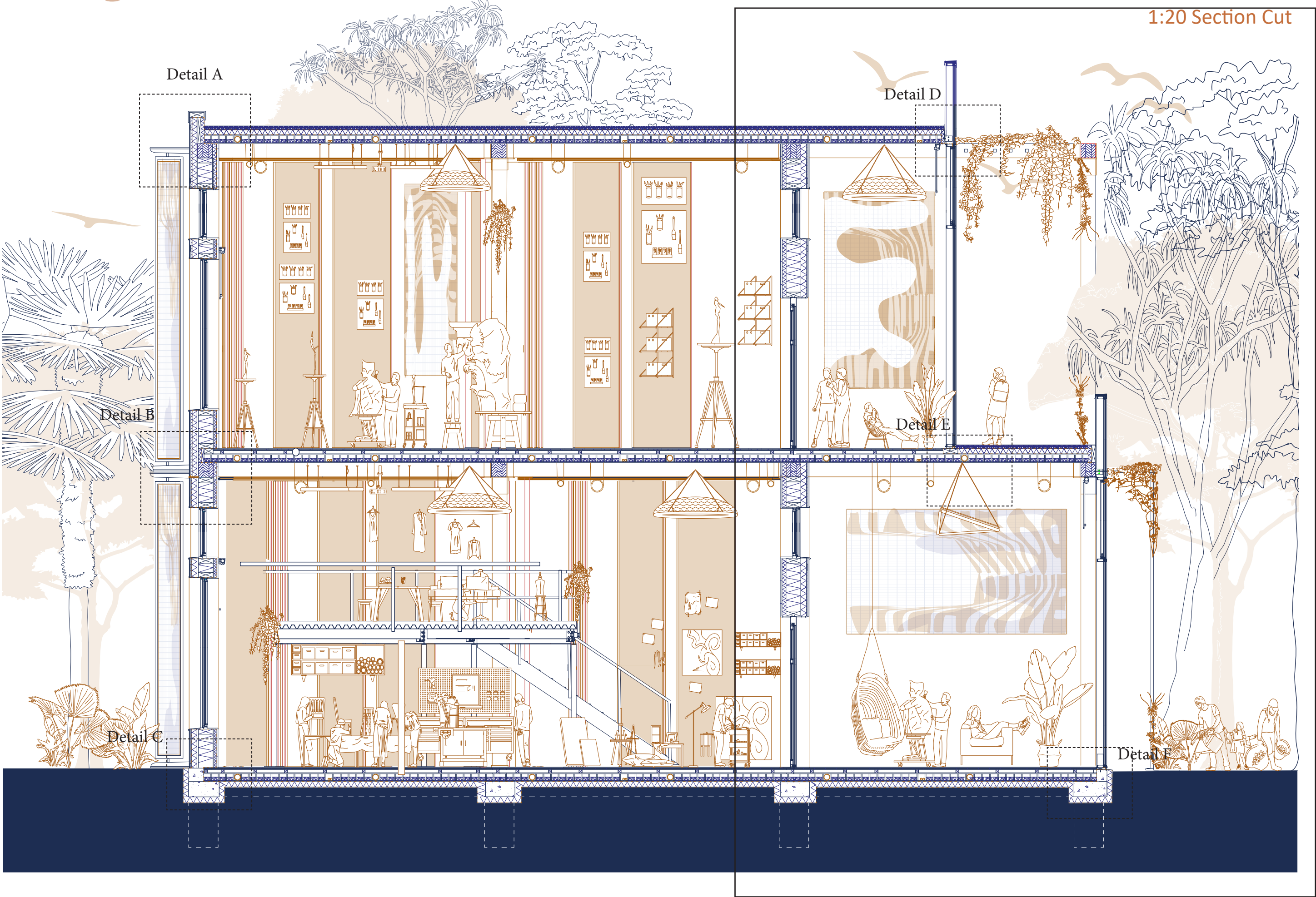


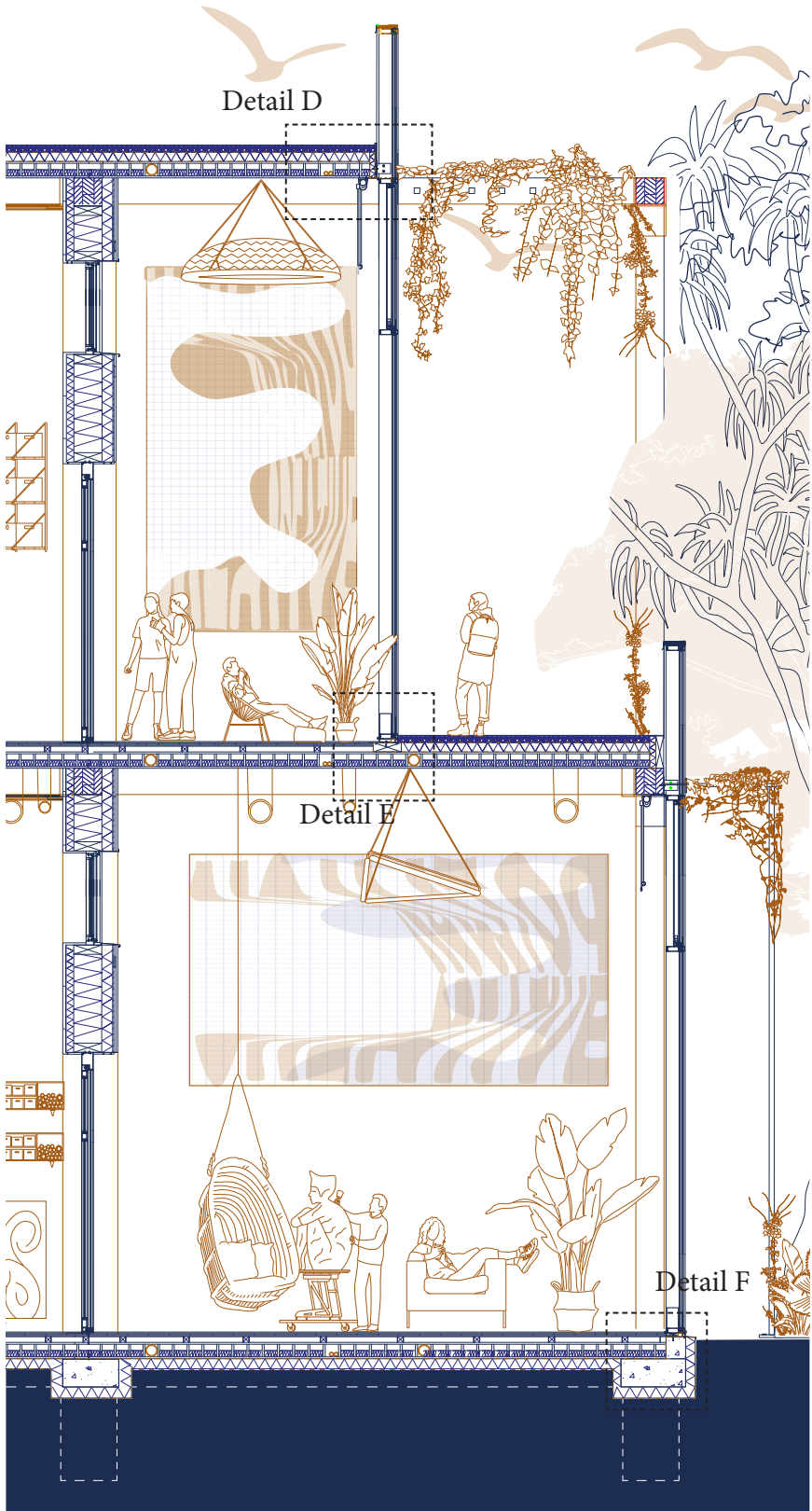
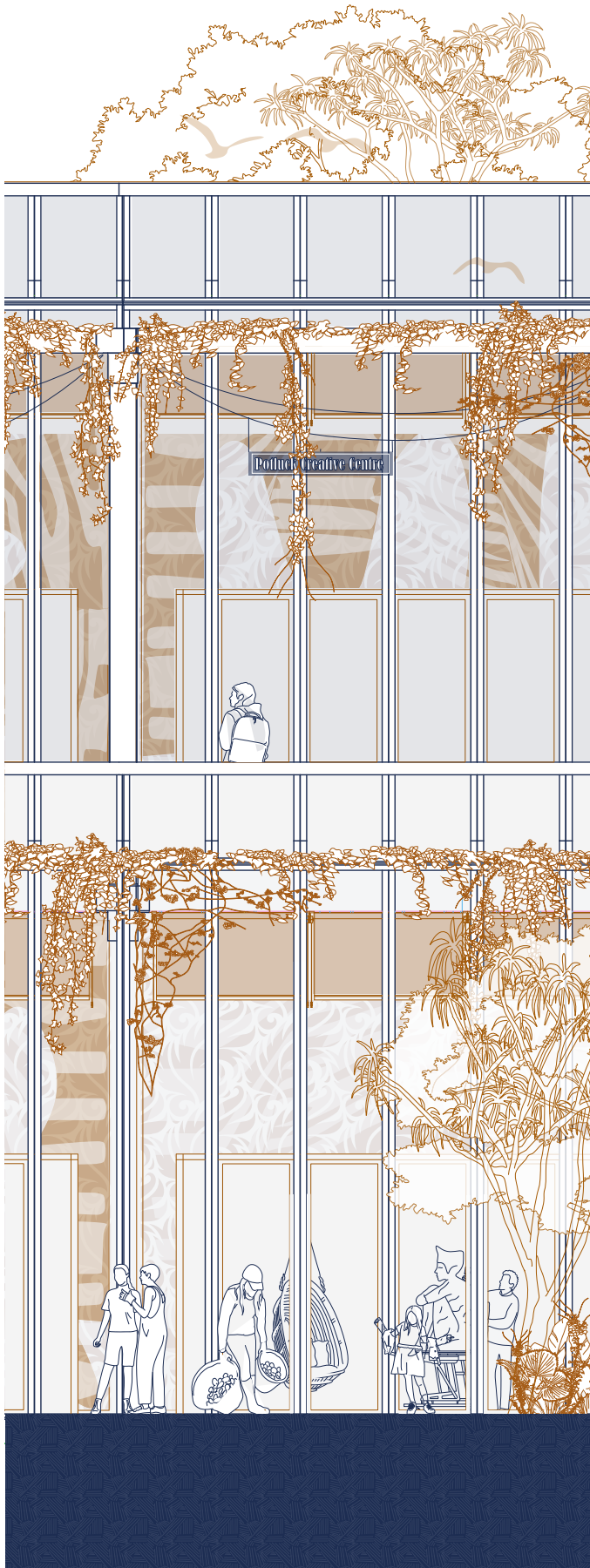




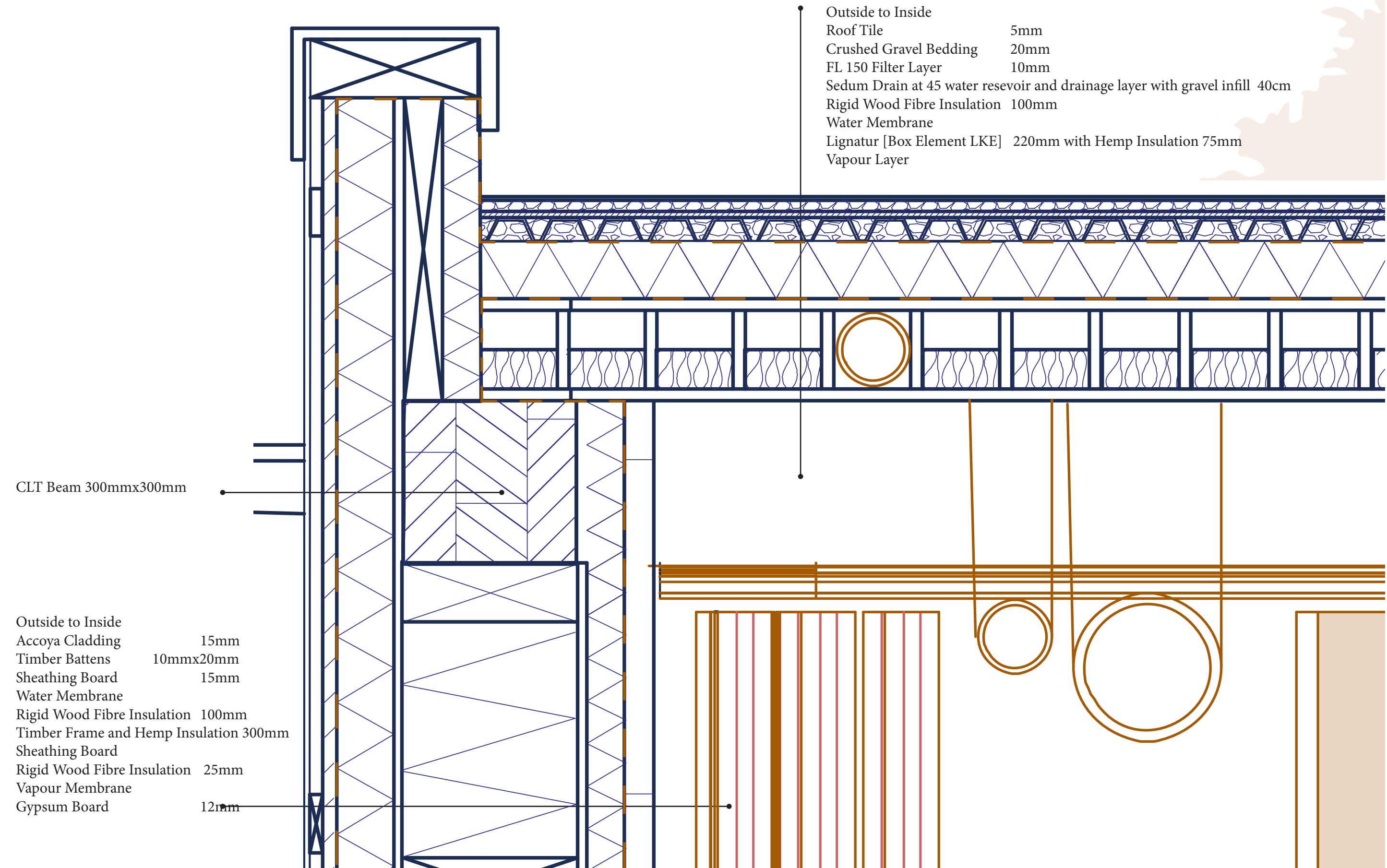


1:50 Ground Floor Plan





1:20 Combination Drawing of Workshop Area

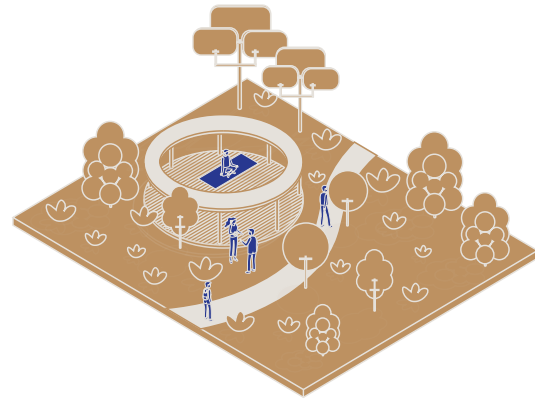


- Outside to Inside
- Roof Tile 5mm
 - Crushed Gravel Bedding 20mm
 - FL 150 Filter Layer 10mm
 - Sedum Drain at 45 water resevoir and drainage layer with gravel infill 40cm
 - Rigid Wood Fibre Insulation 100mm
 - Water Membrane
 - Lignatur [Box Element LKE] 220mm with Hemp Insulation 75mm
 - Vapour Layer

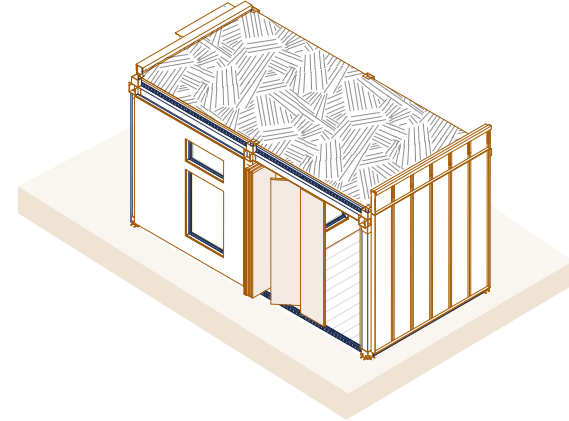
CLT Beam 300mmx300mm

- Outside to Inside
- Accoya Cladding 15mm
 - Timber Battens 10mmx20mm
 - Sheathing Board 15mm
 - Water Membrane
 - Rigid Wood Fibre Insulation 100mm
 - Timber Frame and Hemp Insulation 300mm
 - Sheathing Board
 - Rigid Wood Fibre Insulation 25mm
 - Vapour Membrane
 - Gypsum Board 12mm

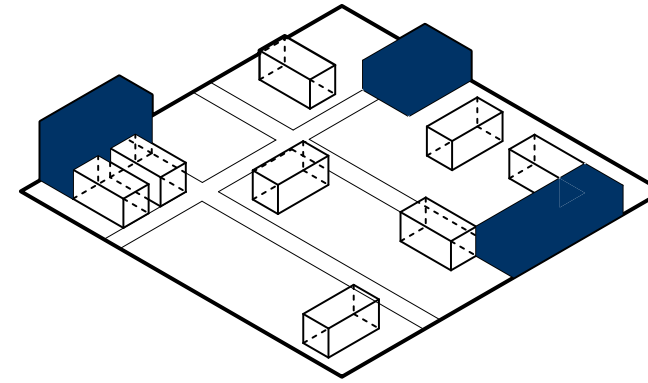
RESILIENCE



MULTIPLICITY



HYBRIDITY



SUSTAINABILITY

