

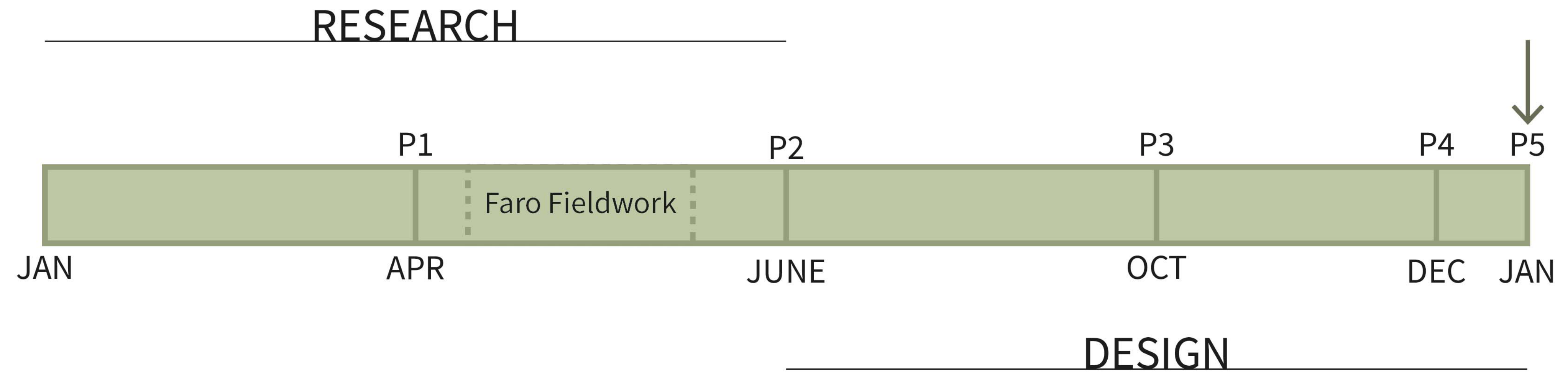


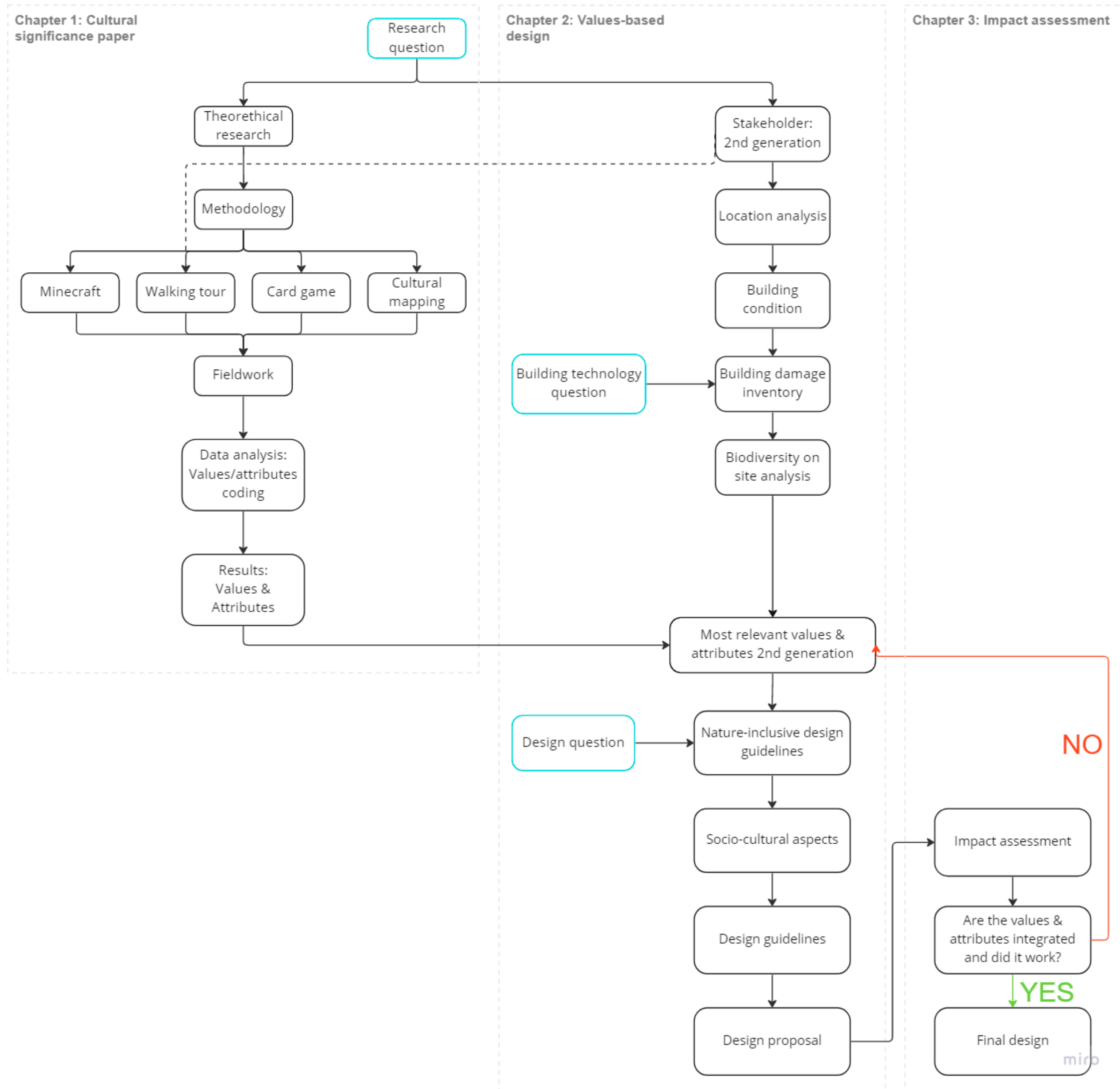
P5 presentation MSc3 Heritage & Architecture

Capture nature

Exploring emotional attachment towards nature with a photographic walking tour for a nature-inclusive redesign of two former warehouses in Faro, Portugal

By Marloes Drijver

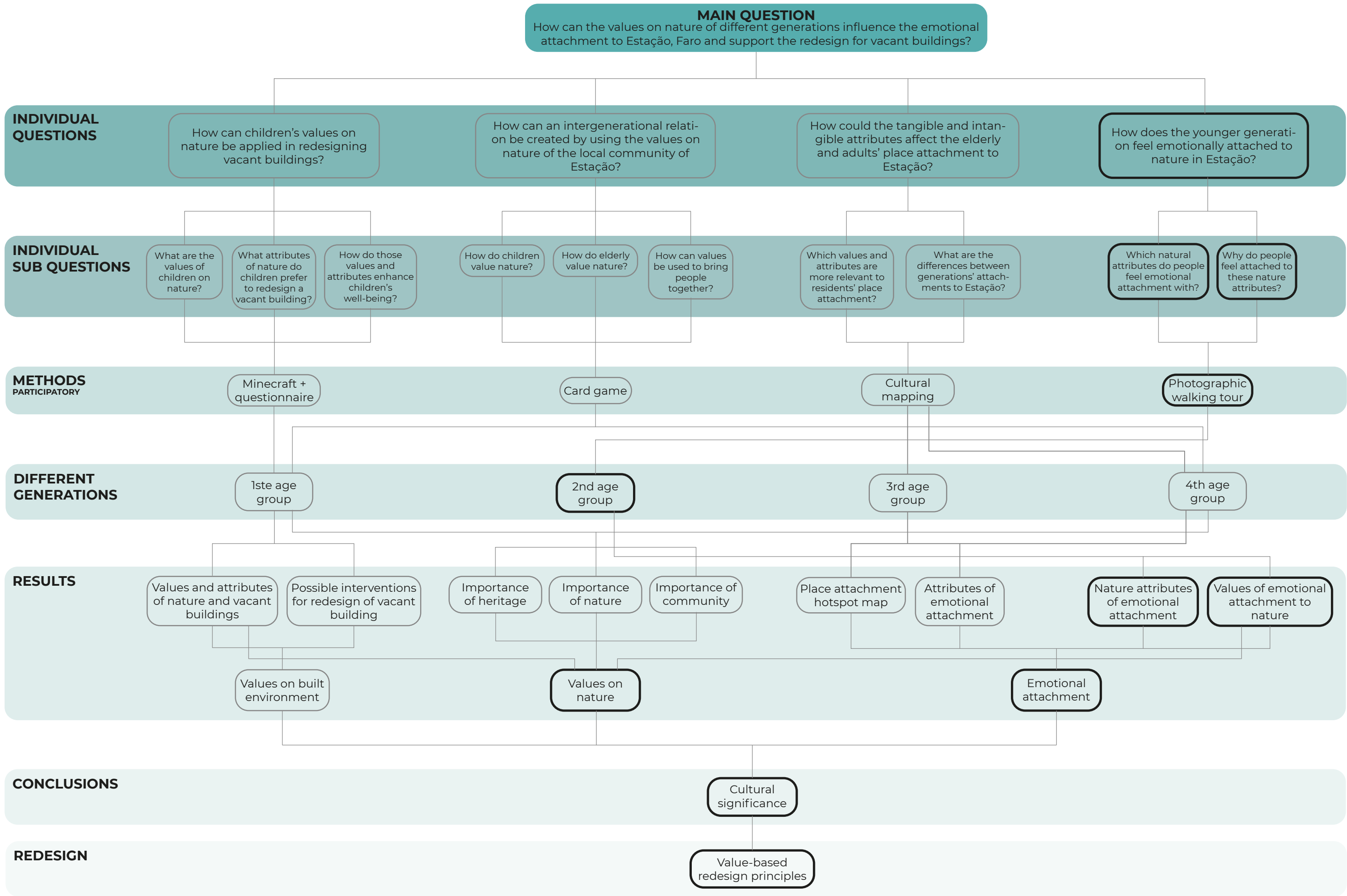


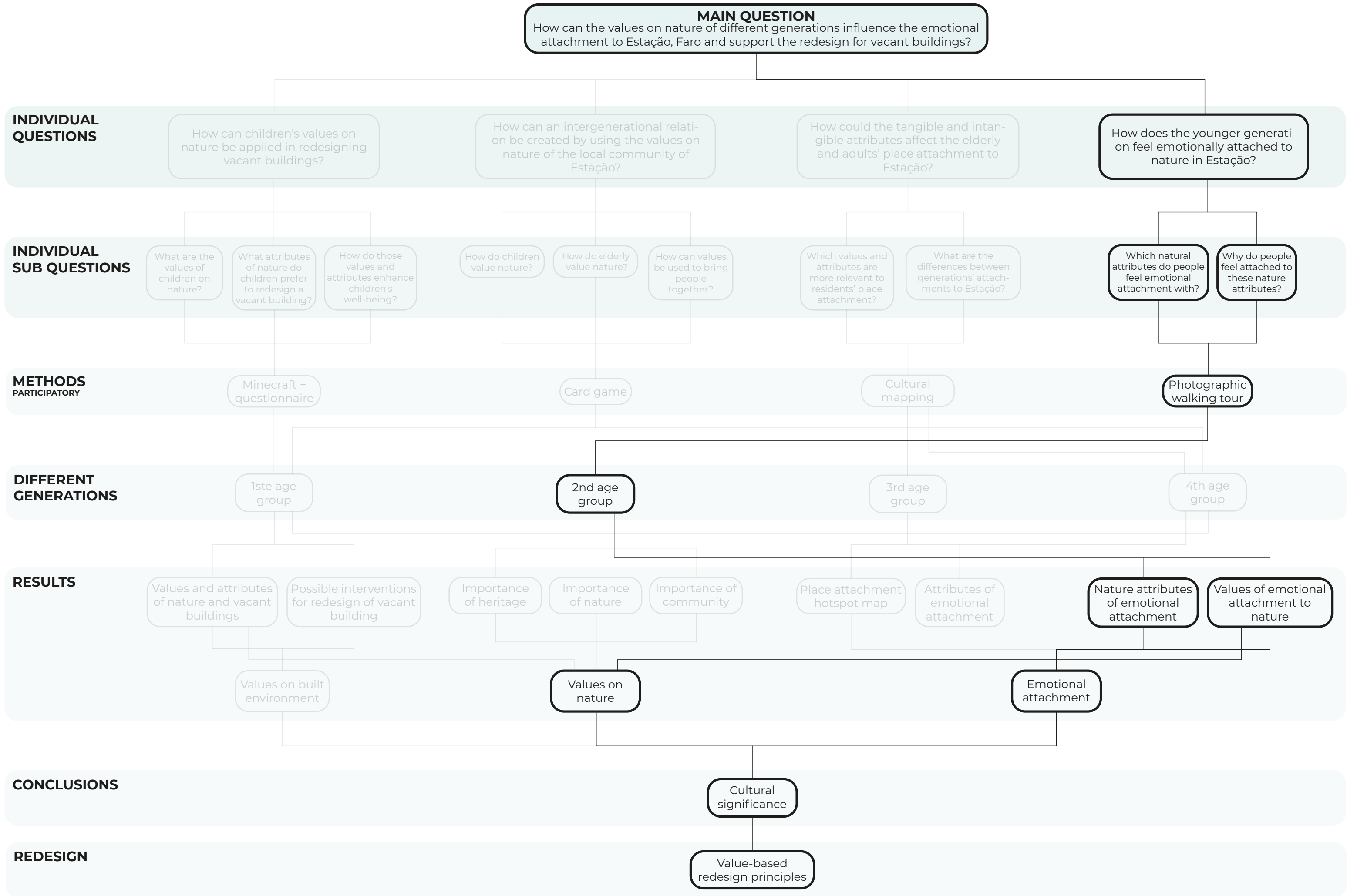


A photograph of a wall featuring several vertical wooden slats. The wall is covered in graffiti, including a large pink tag at the top and a green tag on the right. There are also orange and black painted areas on the left side of the wall.

Part 1

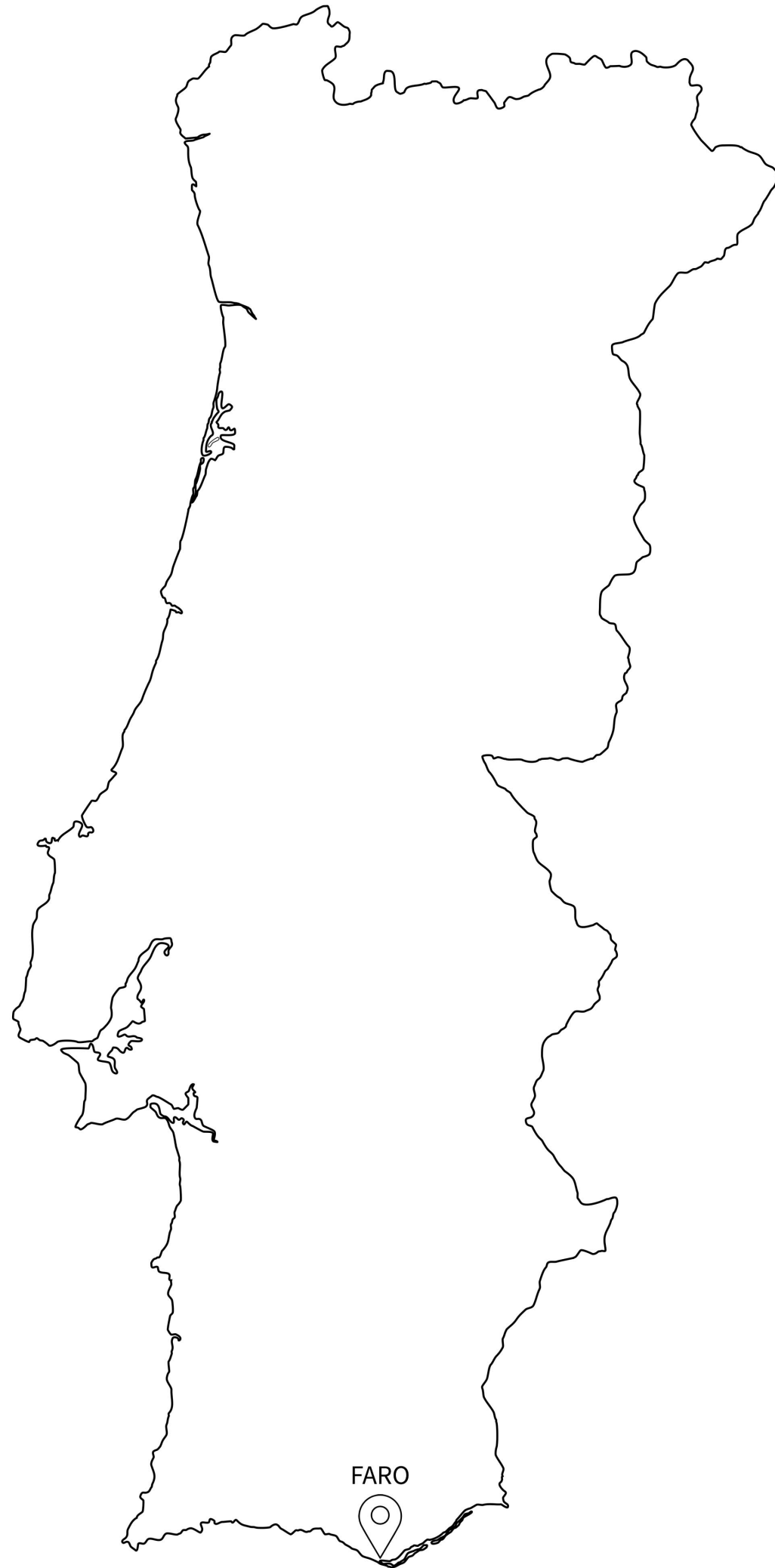
Cultural significance





How can the values on nature of different generations influence the emotional attachment to Estação, Faro and support the redesign of a vacant building?

How does the younger generation feel emotionally attached to nature in Estação?

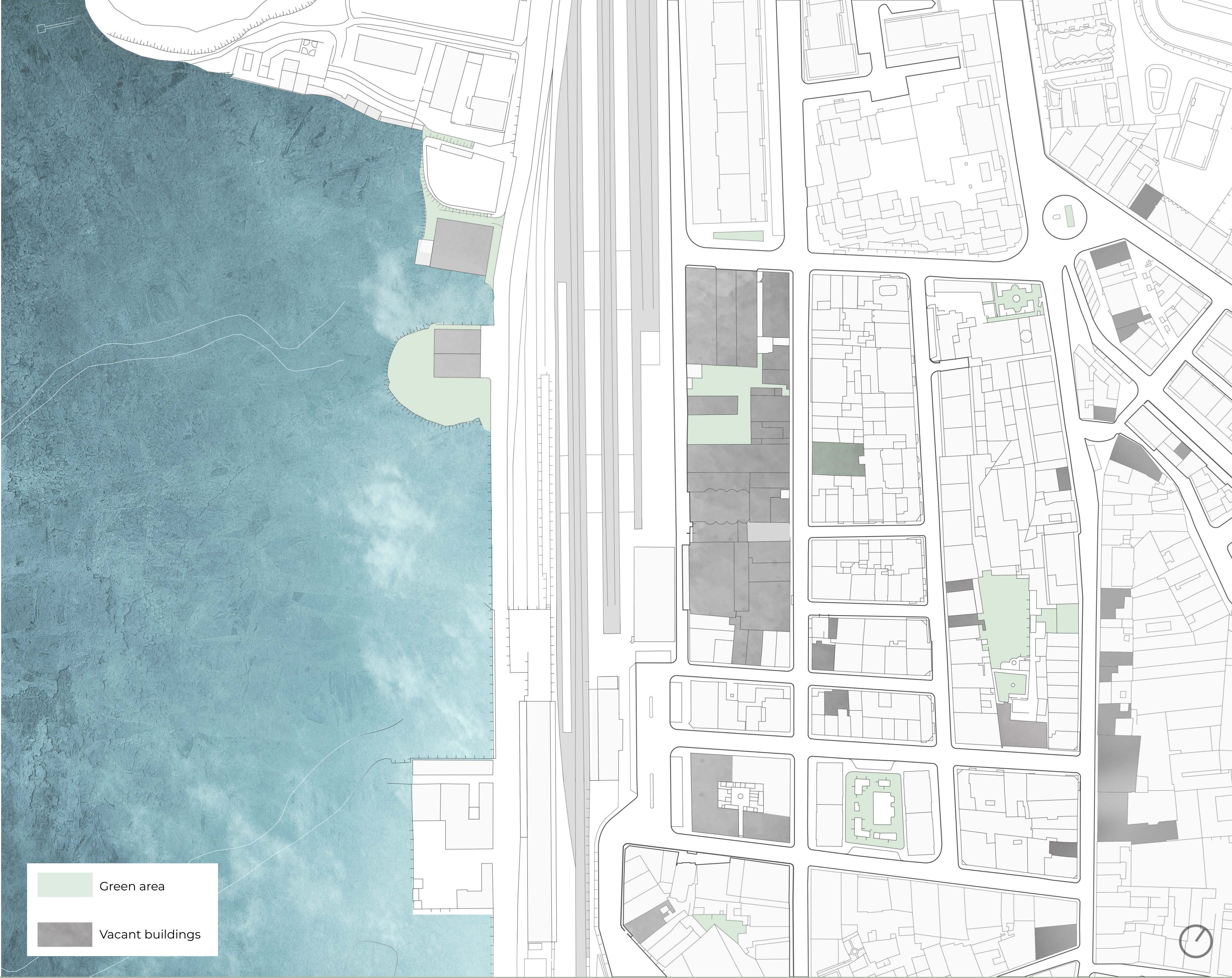


Lack of green spaces

Disconnection between the neighborhood and the Ria Formosa Natural Park

Railway station and tracks causing a physical obstacle

Rapid renovation projects of vacant buildings might negatively affect the legibility of the neighborhood and the emotional attachment of the community



8 Problem statement



[Laslett, P. (1996). A Fresh Map of Life: The Emergence of the Third age. Macmillan]

Emotional attachment says something about the *symbolic relationship* that an individual can have based on cultural, social, and individual bonds with a place. This relationship describes the *experiences and memories* of an individual based on their perception of the area.

[Hawthorne, T. L., Toohy, K. R., Yang, B., Graham, L., Lorenzo, E. M., Torres, H., McDonald, M., Rivera, F., Bouck, K., & Walters, L. J. (2022). Mapping emotional attachment as a measure of sense of place to identify coastal restoration priority areas. Applied Geography, 138, 102608]



[Pereira Roders, A. R. (2007). Re-architecture: lifespan rehabilitation of built heritage - capitellum. Technische Universiteit Eindhoven]

How does the younger generation feel emotionally attached to nature in Estação?

Asset	Building element	Parts of buildings e.g. detail, parcel, facade, roof, material, or colours
	Building	Entire buildings
	Urban element	Man made elements in the urban landscape e.g. a square, bridge, street furniture, quay side, or public art.
	Natural element	Natural (or designed) green elements, flora or fauna, water elements, etc.
Area	Ensemble	A group of buildings or specific urban ensemble or configuration.
	Context or setting	The buildings or elements surrounding, supporting, contextualising the actual heritage.
	Area	A district in a wider (urban) landscape, a specific combination of cultural and or natural elements, e.g. a neighbourhood, urban fragment, urban structure, townscape, route or park.
Landscape	(Result of urban or natural) layering	A landscape illustrative of the evolution or development of human society and settlement over time, a diversity of manifestations of the interaction between humankind and its natural environment.
	Everything, based on level of significance	Every part of the (urban landscape) is considered to be of value, the attributes get a level of significance.
Asset related	Concept or artistic trend	The ideas behind the design or place, e.g. period, style, design ideology (often related to, or represented by, a tangible heritage asset)
	Relation context - location	The relation with another connected element, location, place, or environment (relation object – object).
	Character	The character or image, as supported by specific design, e.g. typology, morphology, layout, composition and proportion, as well as, atmosphere e.g. tranquil, lively, urban, rural.
Societal	Use, function	The specific (typical, common, special) use or function of a place or environment.
	Knowledge, traditions, customs	The (local) practices, traditions, knowledge, customs of a community or groups (often related to a location or tangible results, tools / instruments)
	Relation context - association	Human associations with a place, element, location, or environment (relation men – object).
	Community / people	A community or society itself (its members, or specific individuals / groups) and/ or their cultural identity or diversity.
Process	Management processes	The process of managing, the type of strategy or approach (instead of the result) is what is valuable.
	Development or evolution	The process of layering, development, or evolution (instead of the result).

[Veldpaus, L. (2015). Historic urban landscapes: framing the integration of urban and heritage planning in multilevel governance. Technische Universiteit Eindhoven]




Photographic walking tour

Identify the relationship between emotional attachment and natural elements in the area

Participants will take photos of natural elements to which they feel emotionally connected based on their memories


Using 'Wikiloc' to track their route and location of the photos



HERANÇA & NATUREZA

PASSEIO A PÉ

Em colaboração com a Universidade do Algarve e a Câmara Municipal de Faro estamos a organizar workshops de investigação sobre a natureza e o património em Faro. Procuramos pessoas que morem ou conheçam o bairro Estação para nos ajudar.



PASSEIO A PÉ FOTOGRÁFICO
Revele a relação entre seu apego emocional à natureza tirando fotos durante um passeio a pé pelo Bairro Estação.

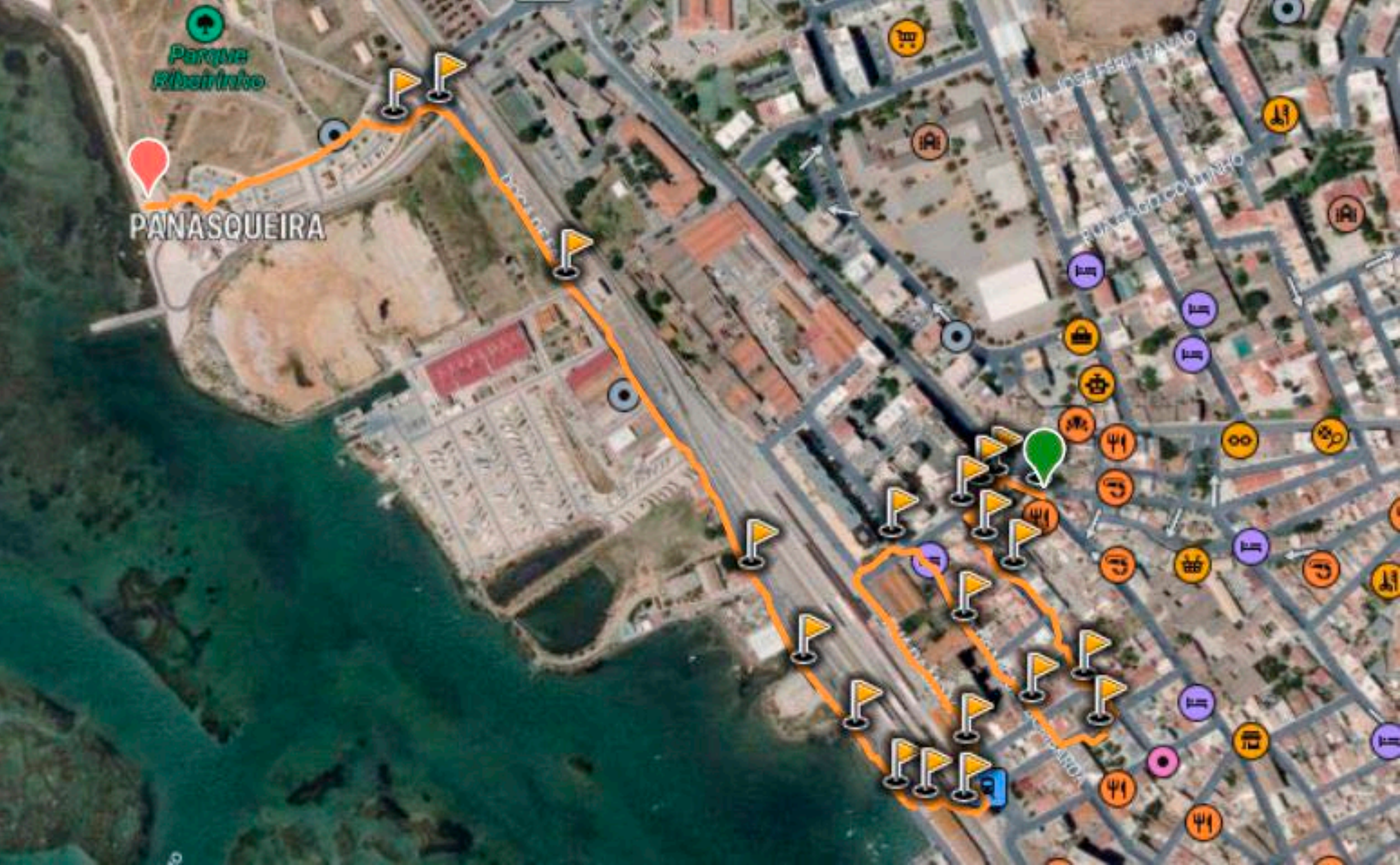
15 minutes - Encontro e explicação
60 minutes - Passeio a pé
15 minutes - Encerramento incluindo um café grátis!


APENAS 10 VAGAS!

ROTUNDA HOSPITAL LUSIADAS
6 de Maio / 10 de Maio
12 de Maio
17:30 - 19:00

Venha se juntar a nós em uma sessão divertida de aprendizado e participação!
Registre-se agora digitalizando o código QR!







Beach
Ria Formosa




Makes me feel happy to live near the water. The view is beautiful and you feel connected with nature hearing the waves.

↑ -2 ft



Flora
Trees



Lovely and shady area. Often you can hear bird singing in the trees here in the evenings.

↑ -3 ft

1.1 local Attributes Values



Very beautiful trees when they are in bloom, very smelly!



I would like to go “green” on the street.



This building causes sadness because it could have many types of use, however, it is abandoned. The street is very noisy due to the traffic.

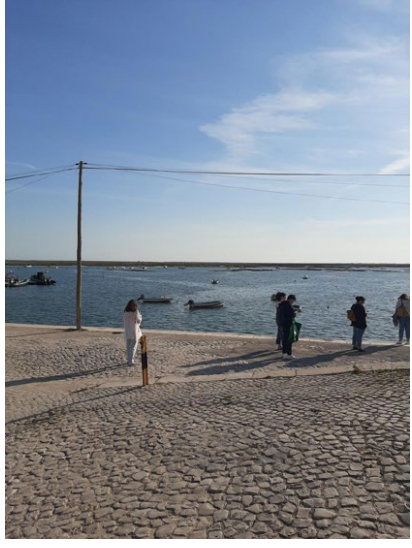
Attributes Values



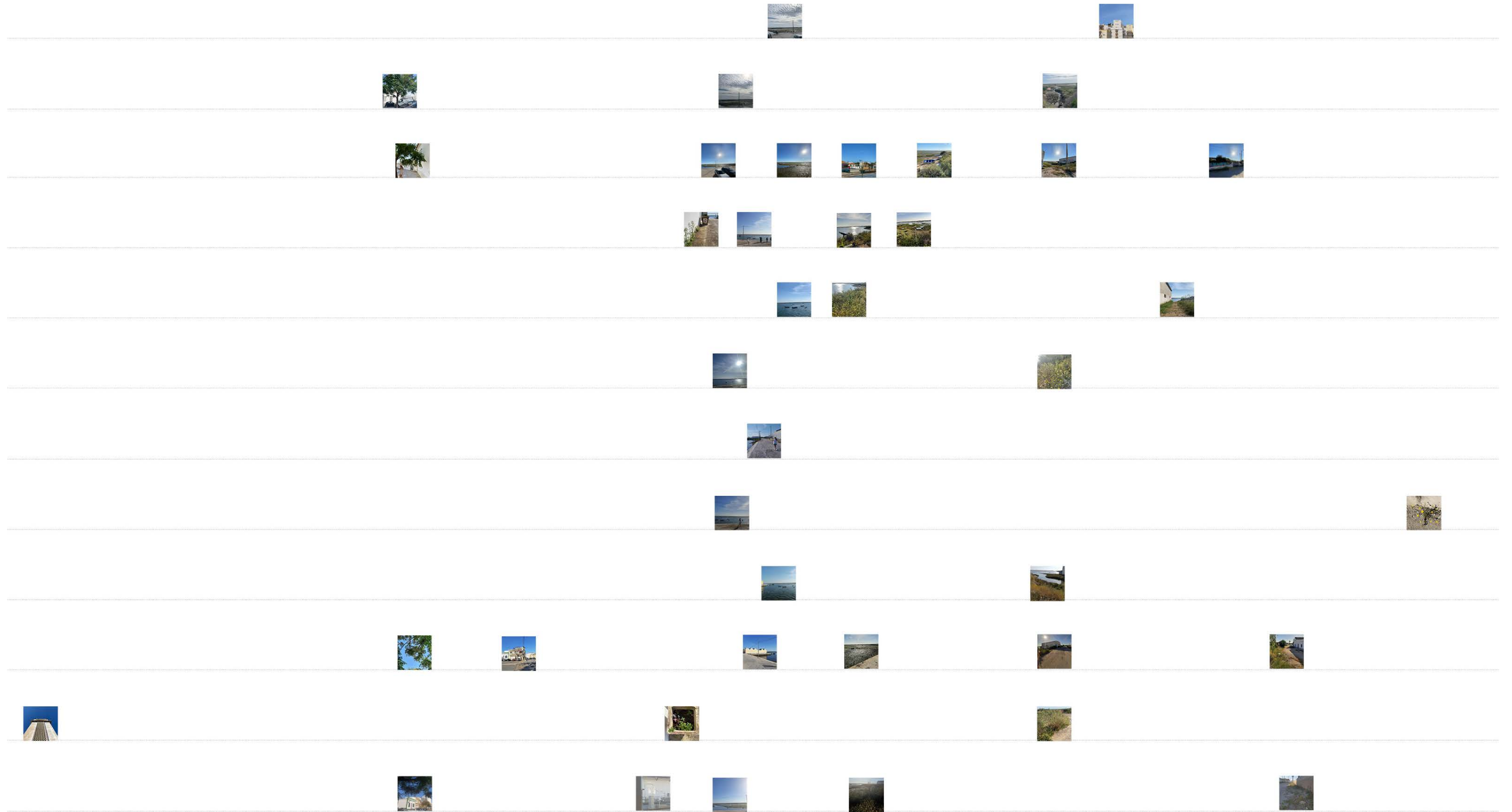
First area of natural shade on the route. It's a shame it smells like garbage!



Nature always appears.



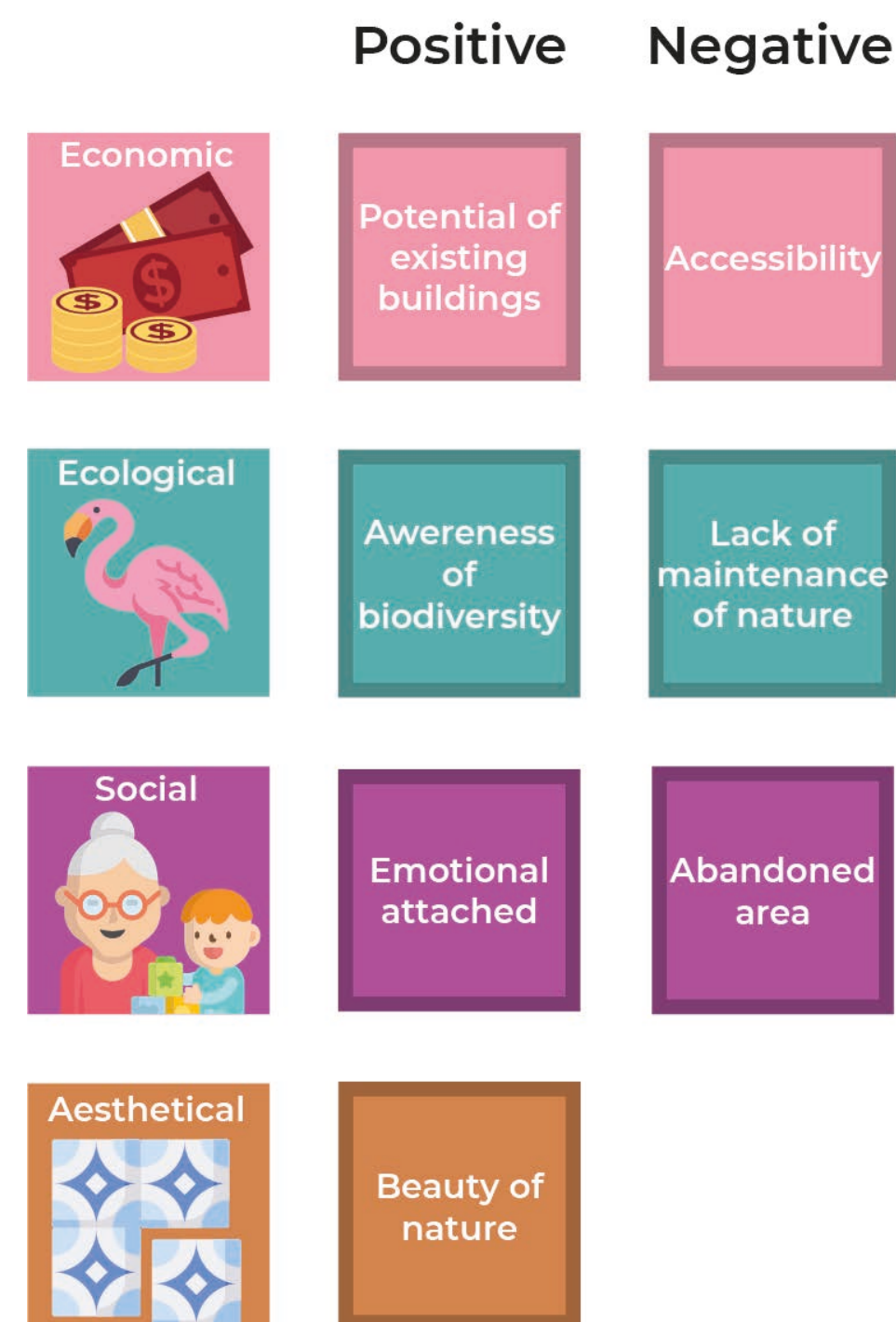
A beautiful part. It smells like the sea.



Positive emotional attachment

Greater emotional attachment to specific area with a higher concentration of greenery



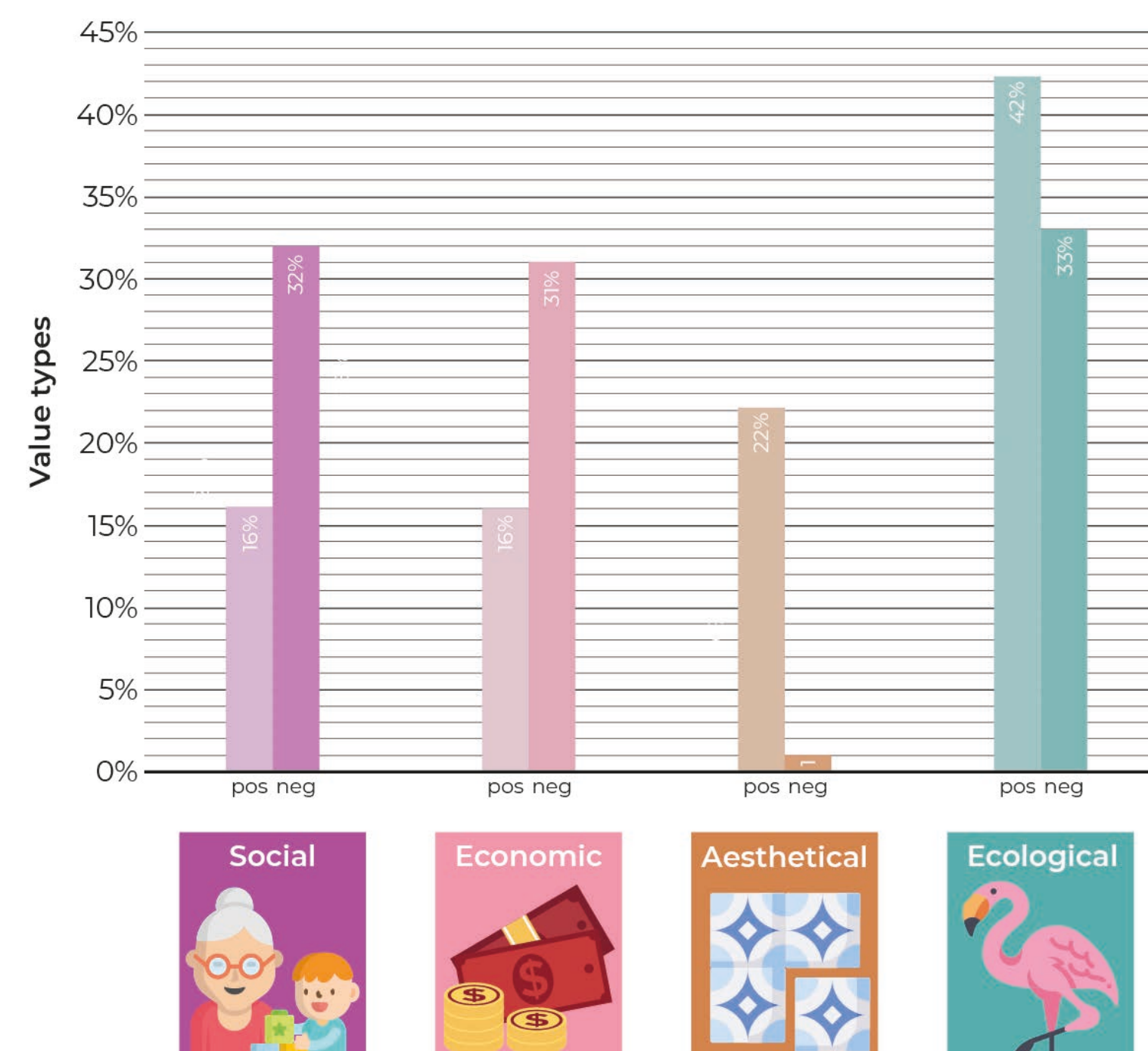


Positive

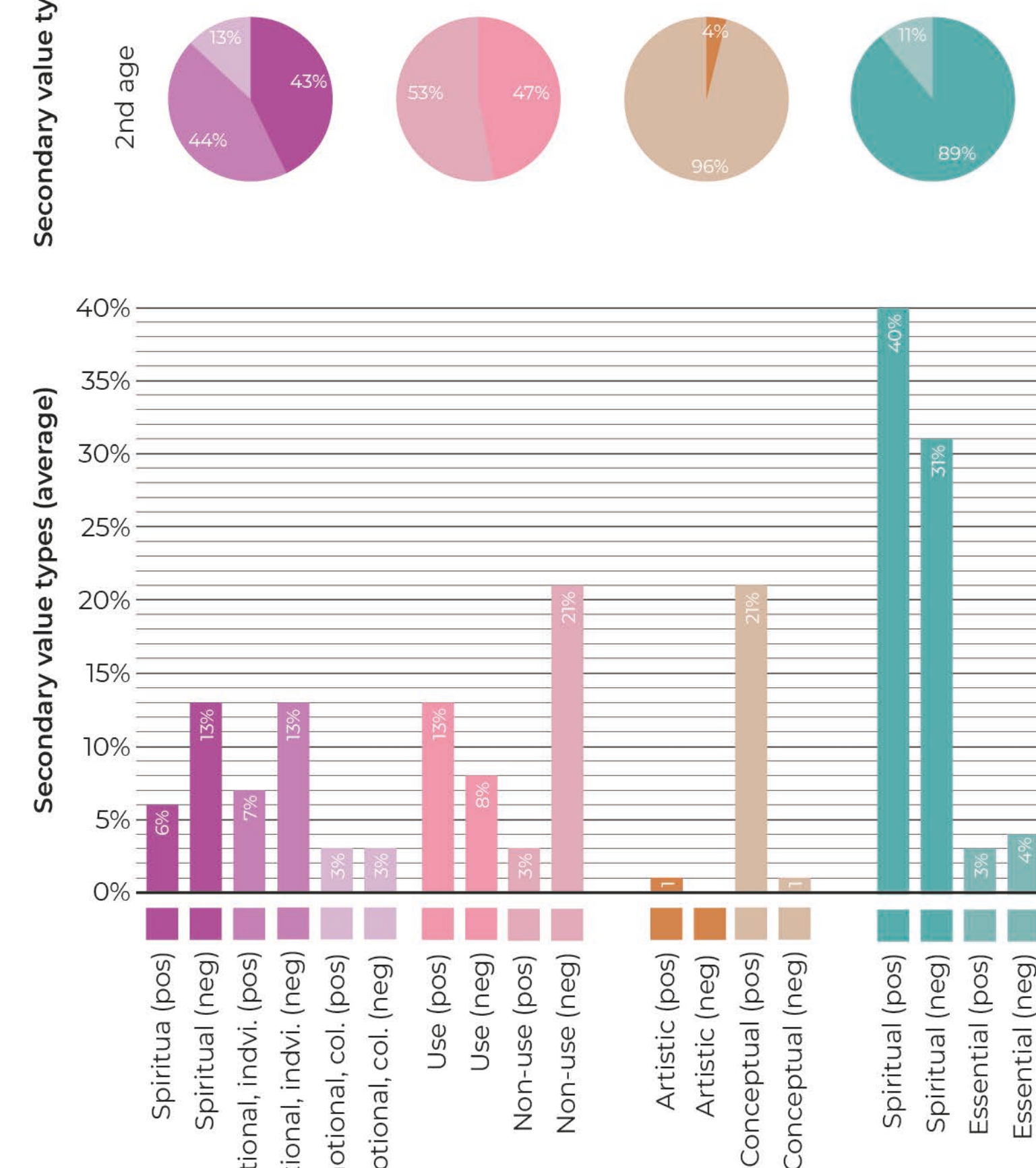
Economic use/non-use: potential of existing buildings
 Ecological spiritual: Awareness of biodiversity
 Social spiritual/emotional: Emotional attached
 Aesthetical conceptual: Beauty of nature

Negative

Economic use/non-use: Insufficient accessibility of the area
 Ecological spiritual: Lack of maintenance of the current nature
 Social spiritual/emotional: Unsafe and abandoned area

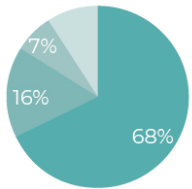
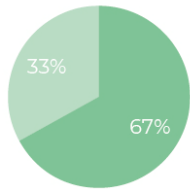
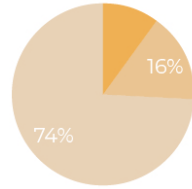
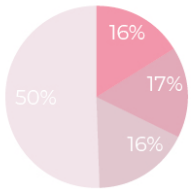


Secondary value types

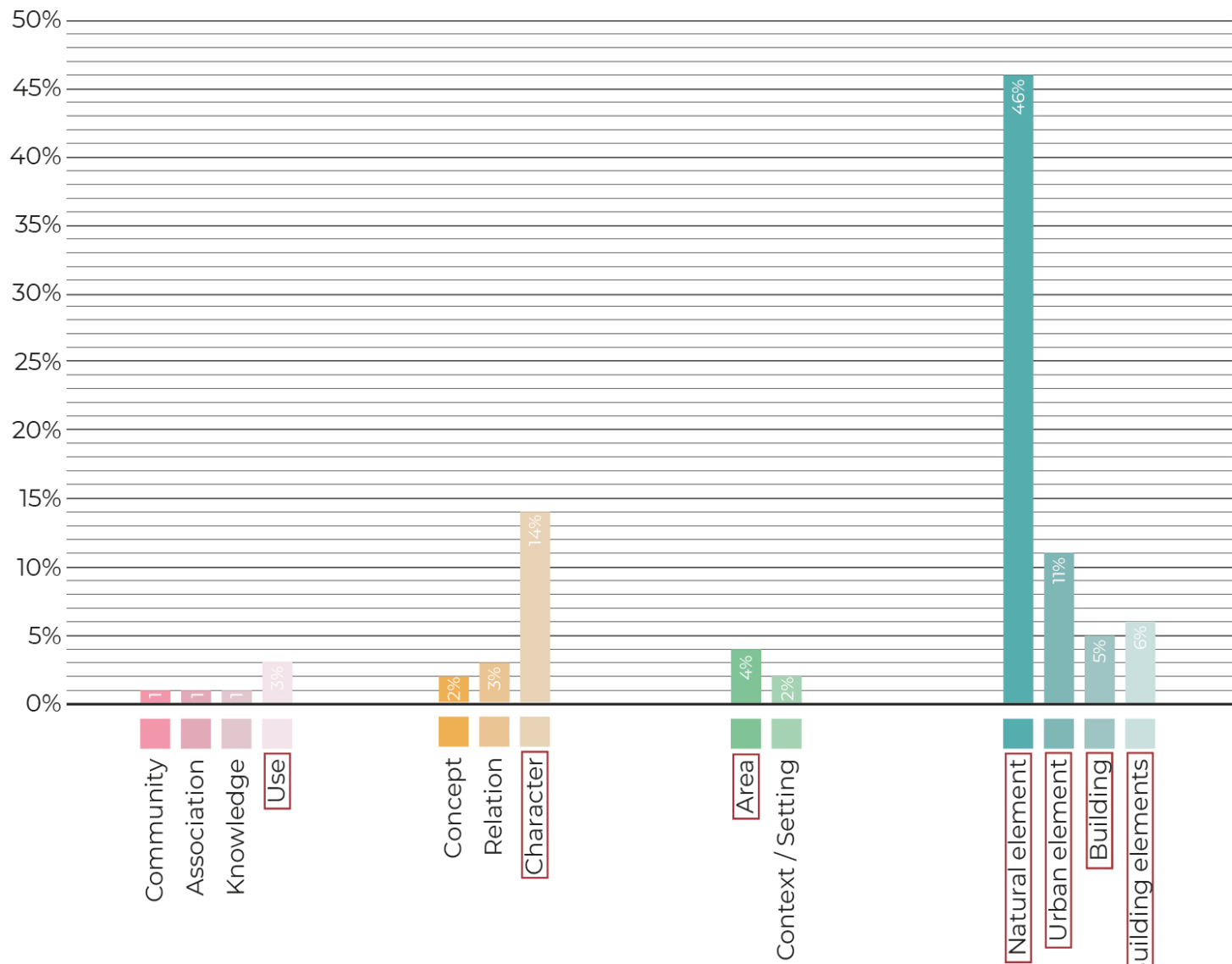


Level 3

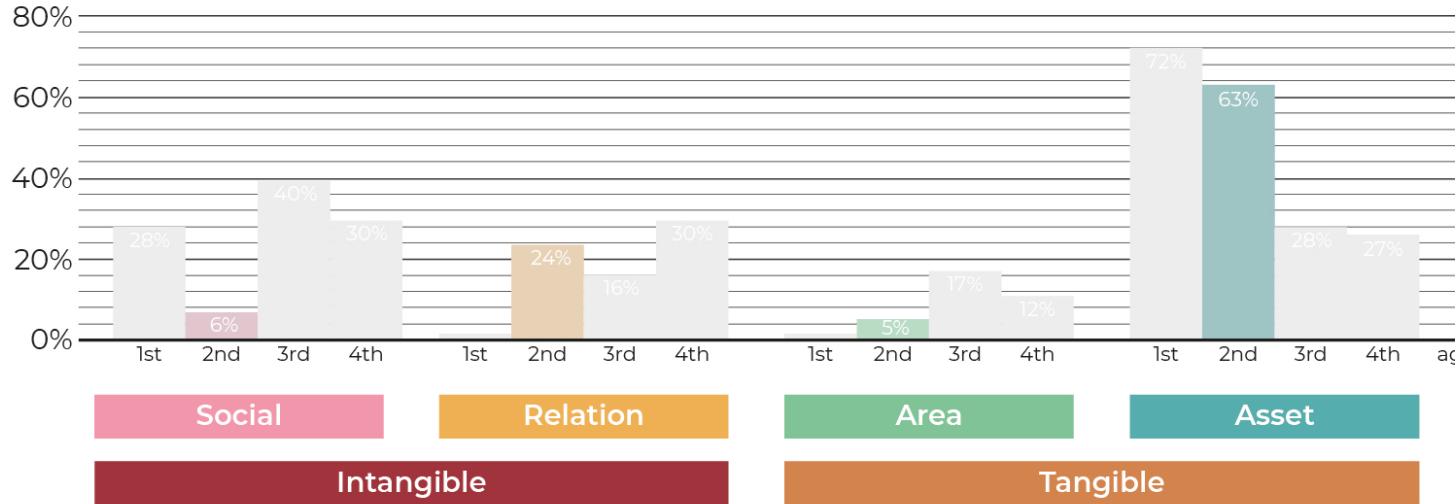
2nd age



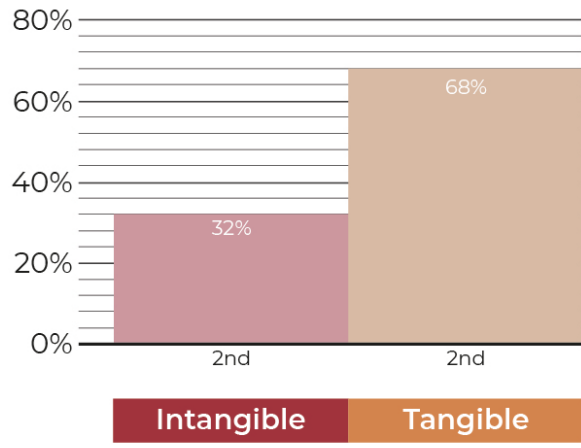
Level 3



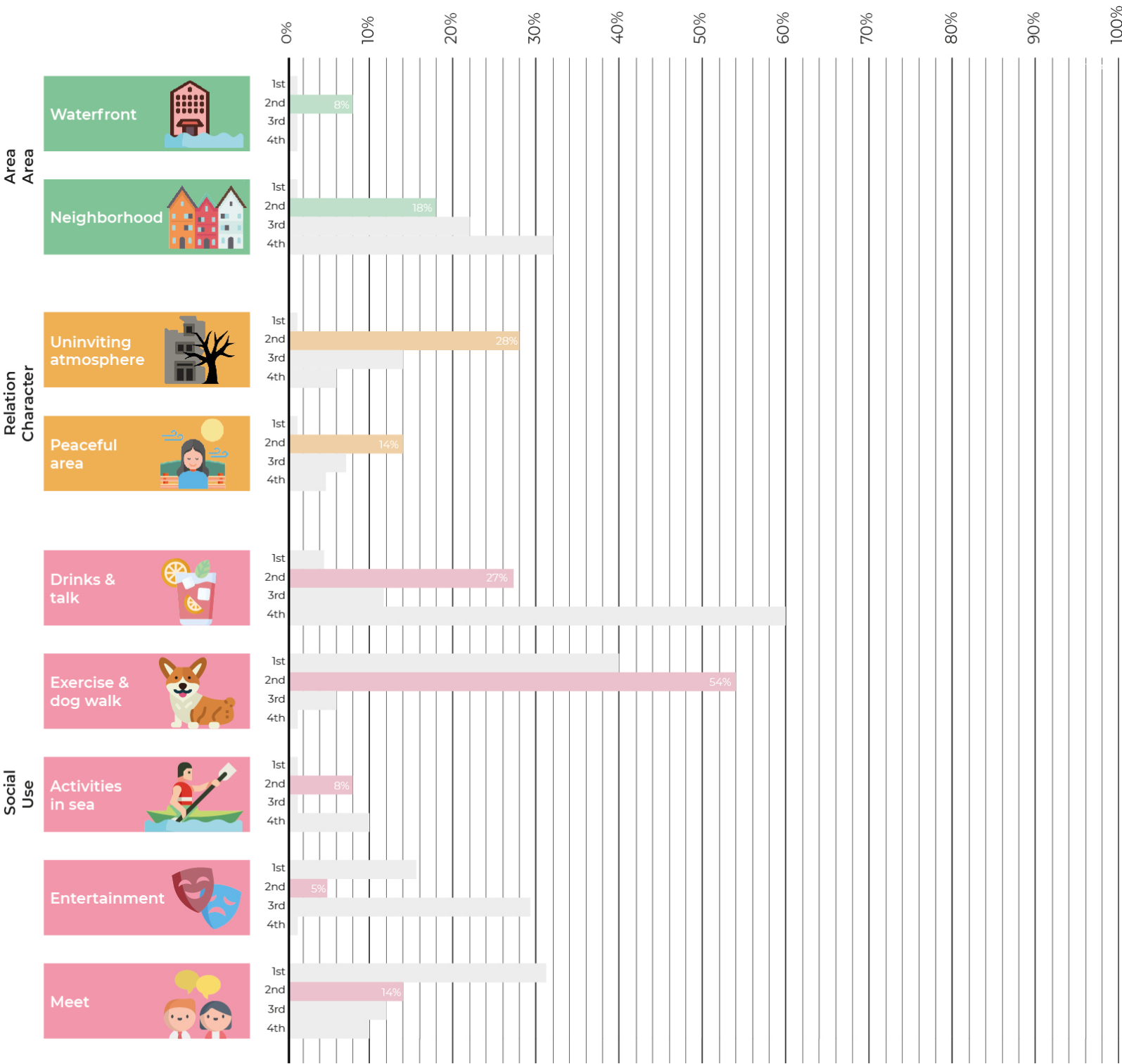
Level 2



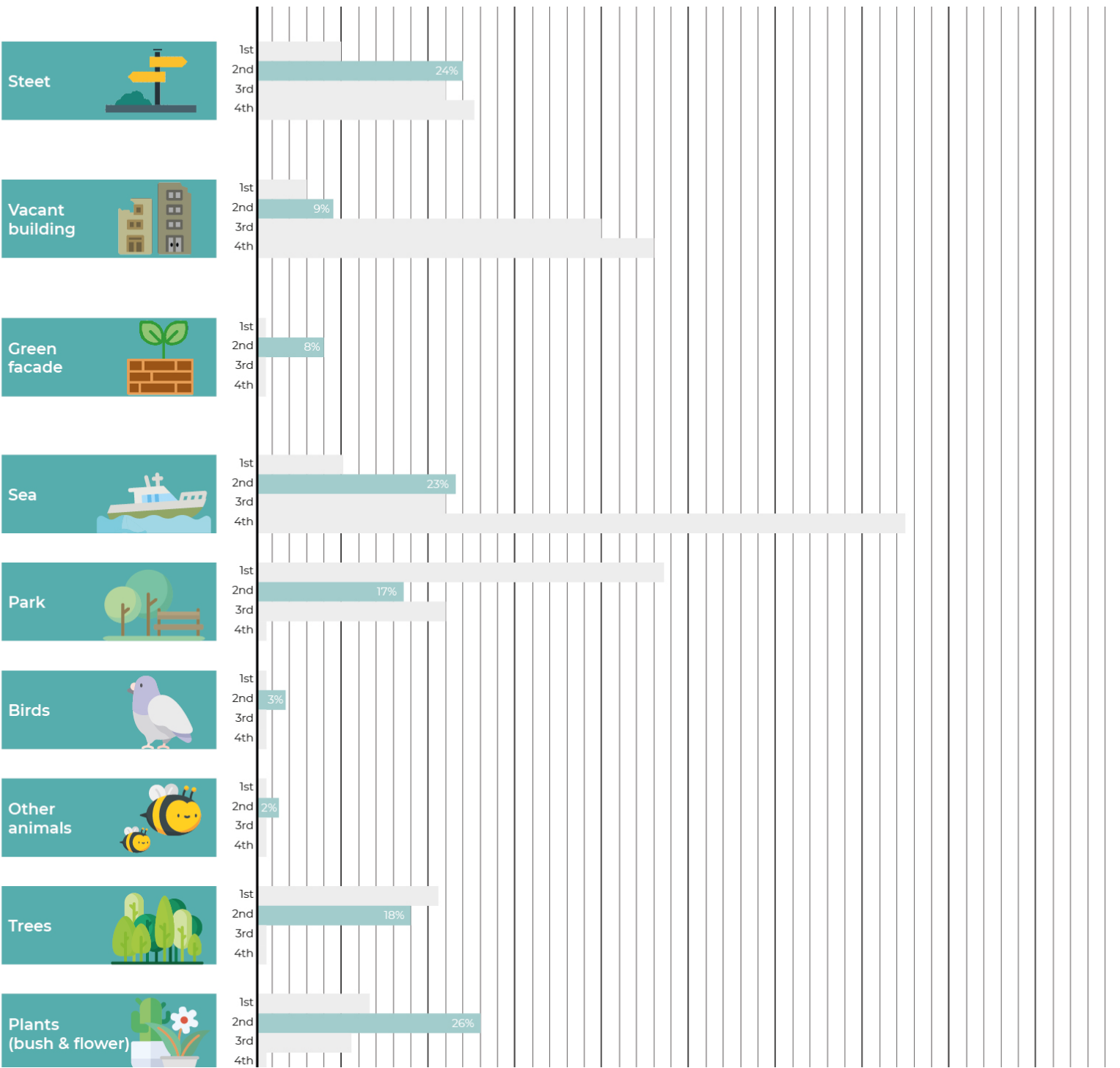
Level 1



Level 4



Asset



How can the values on nature of different generations influence the emotional attachment to Estação, Faro and support the redesign of a vacant building?

The most important values for all generations are social, economic, and ecological. The highest overlaps are (social) emotional, collective, and (ecological) spiritual. These are linked to proposals connected to **social gatherings** and the **relation between nature and the built environment**.

How does the younger generation feel emotionally attached to nature in Estação?

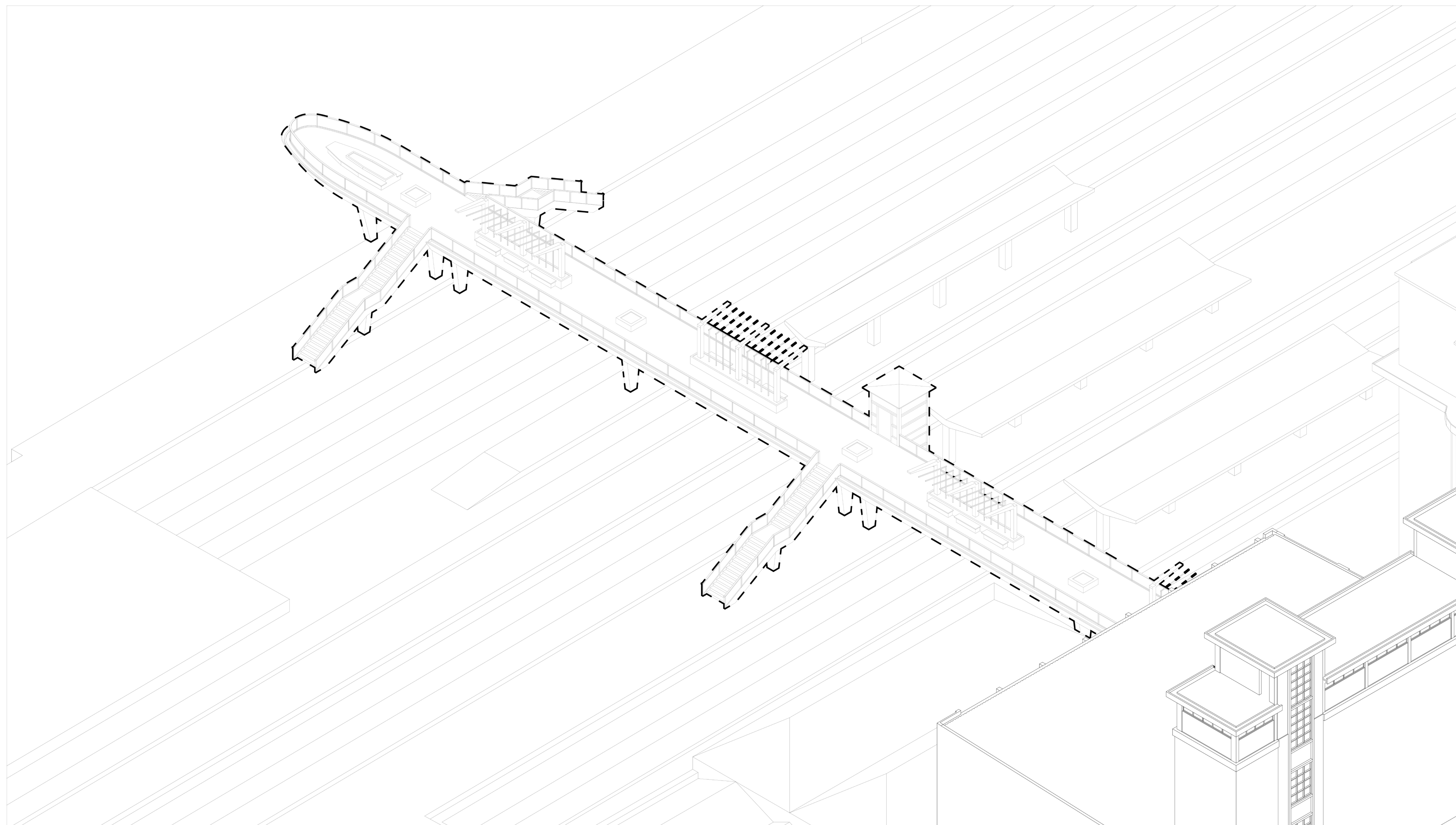
The most important values on nature for the younger generation are ecological, aesthetical, economic, and social. By comparing the positive and negative attachment to nature with each other, this generation is aware of the **potential that nature can have** in their neighborhood and that they are **not satisfied with the current state**. Besides that, **areas with a high concentration of natural attributes** are considered places where **people have a greater emotional attachment**.

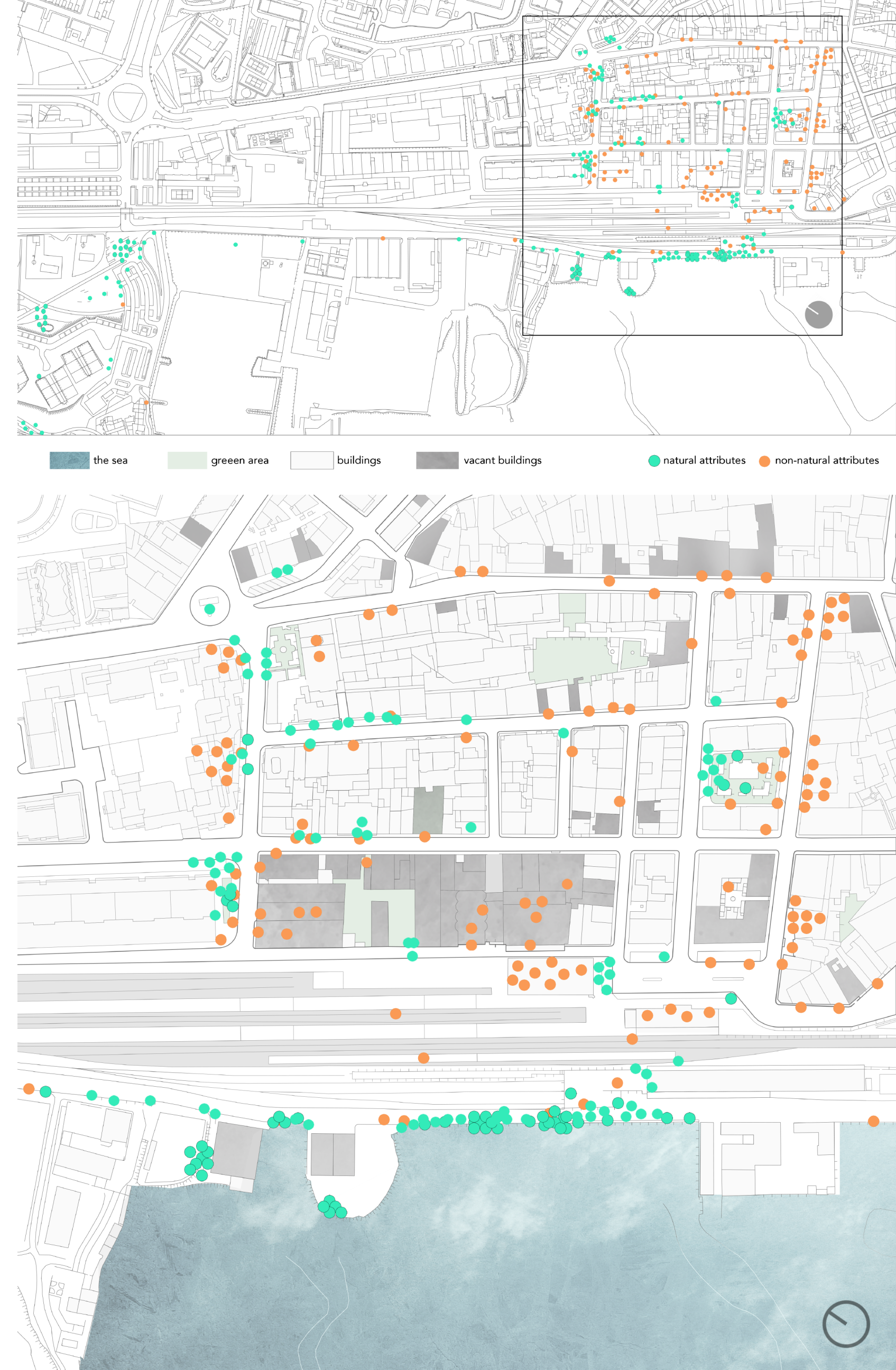
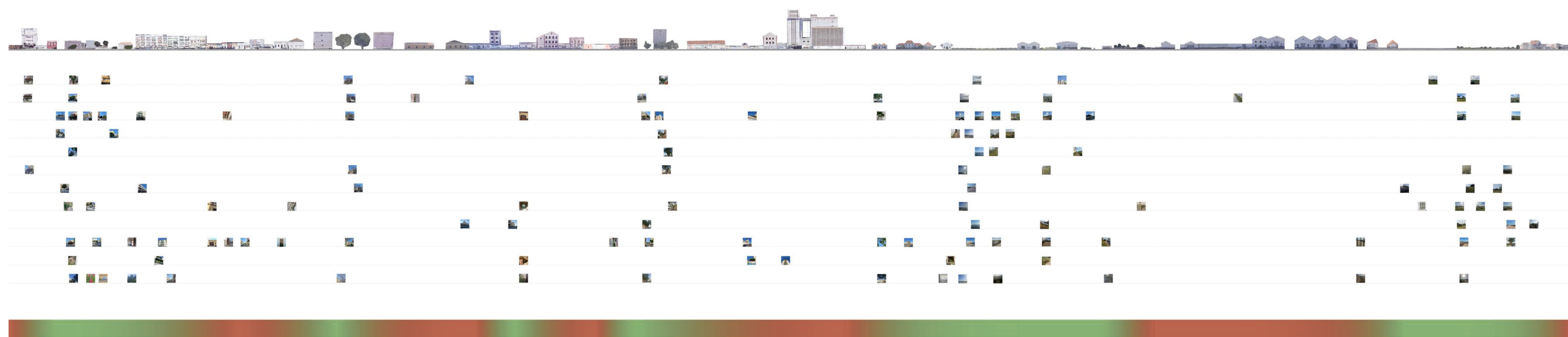
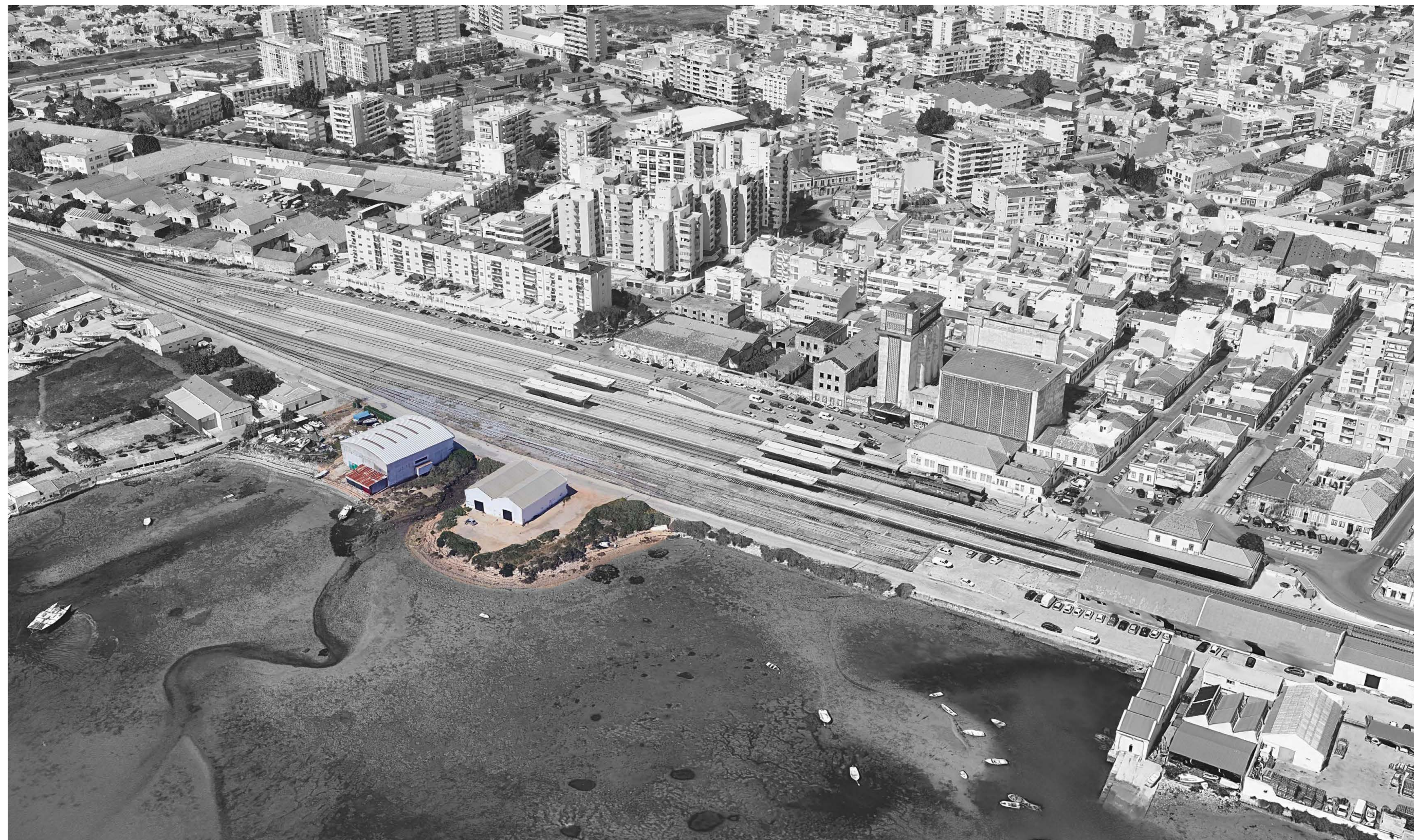


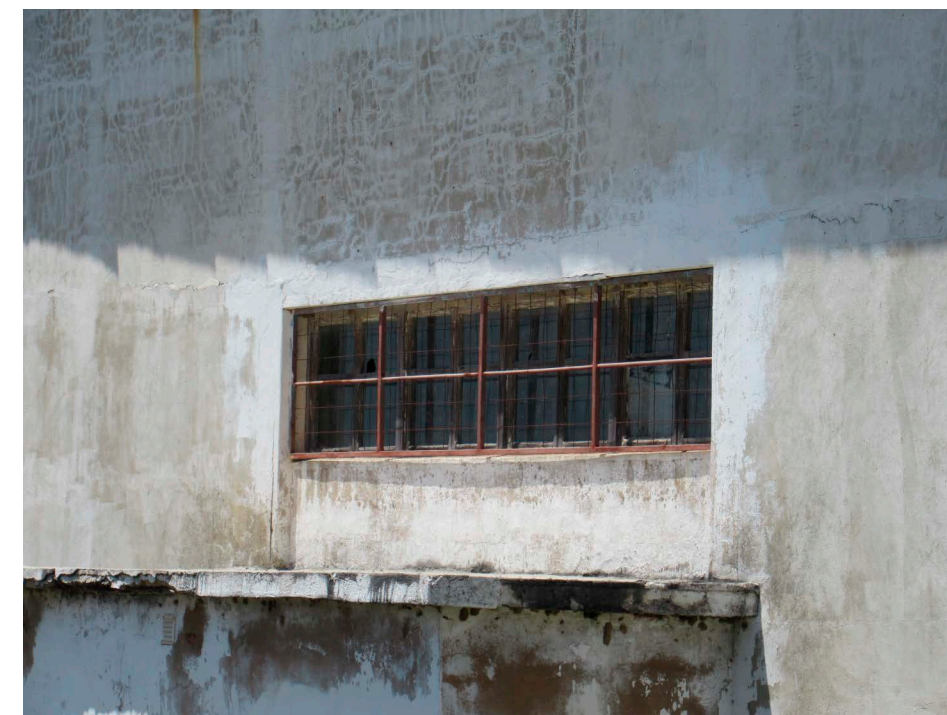
Part 2

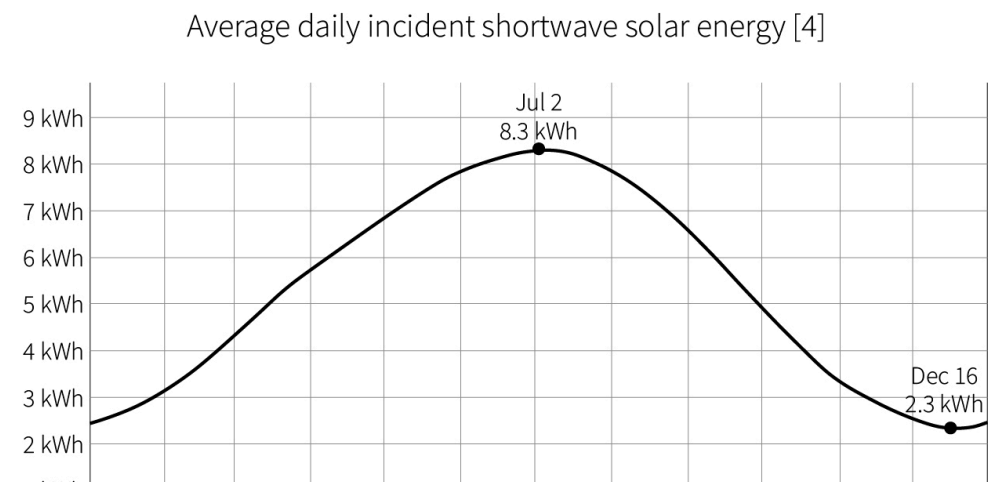
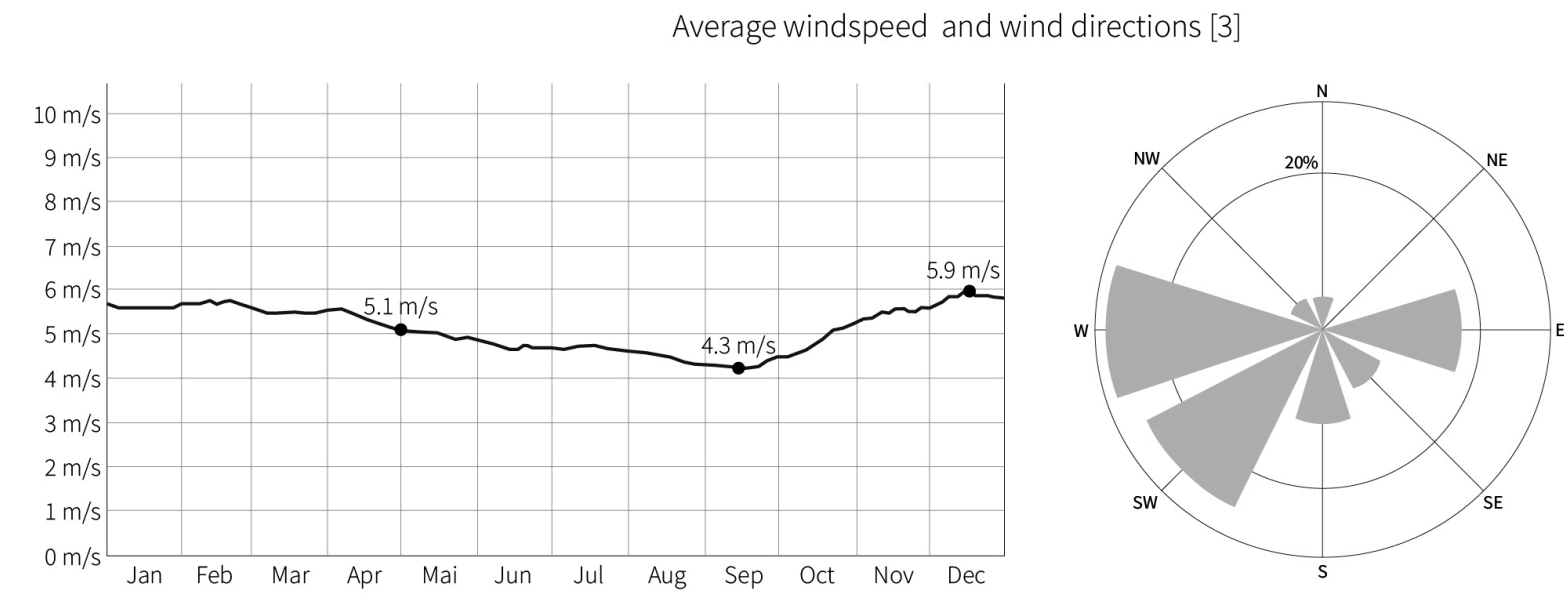
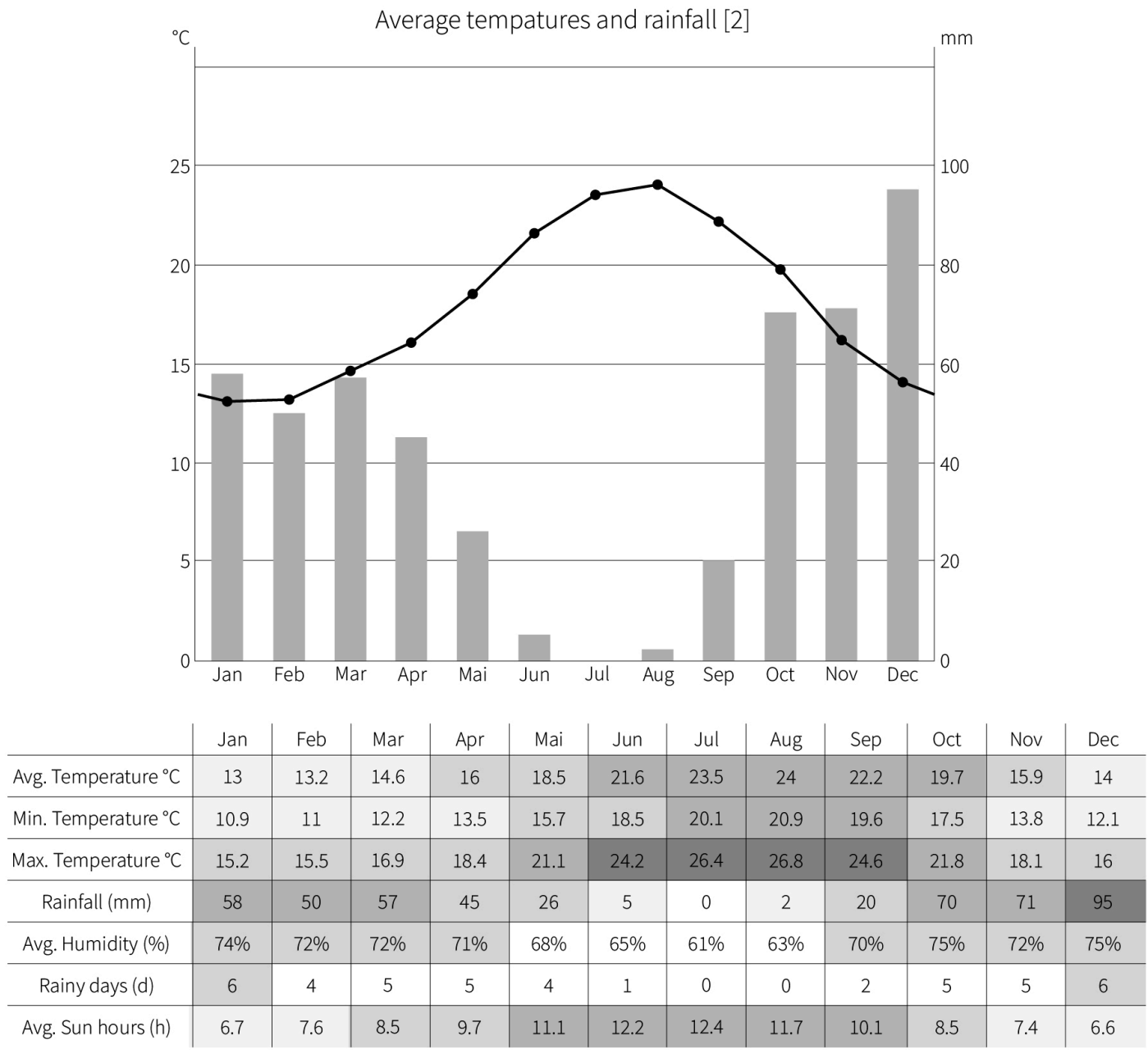
Values-based design



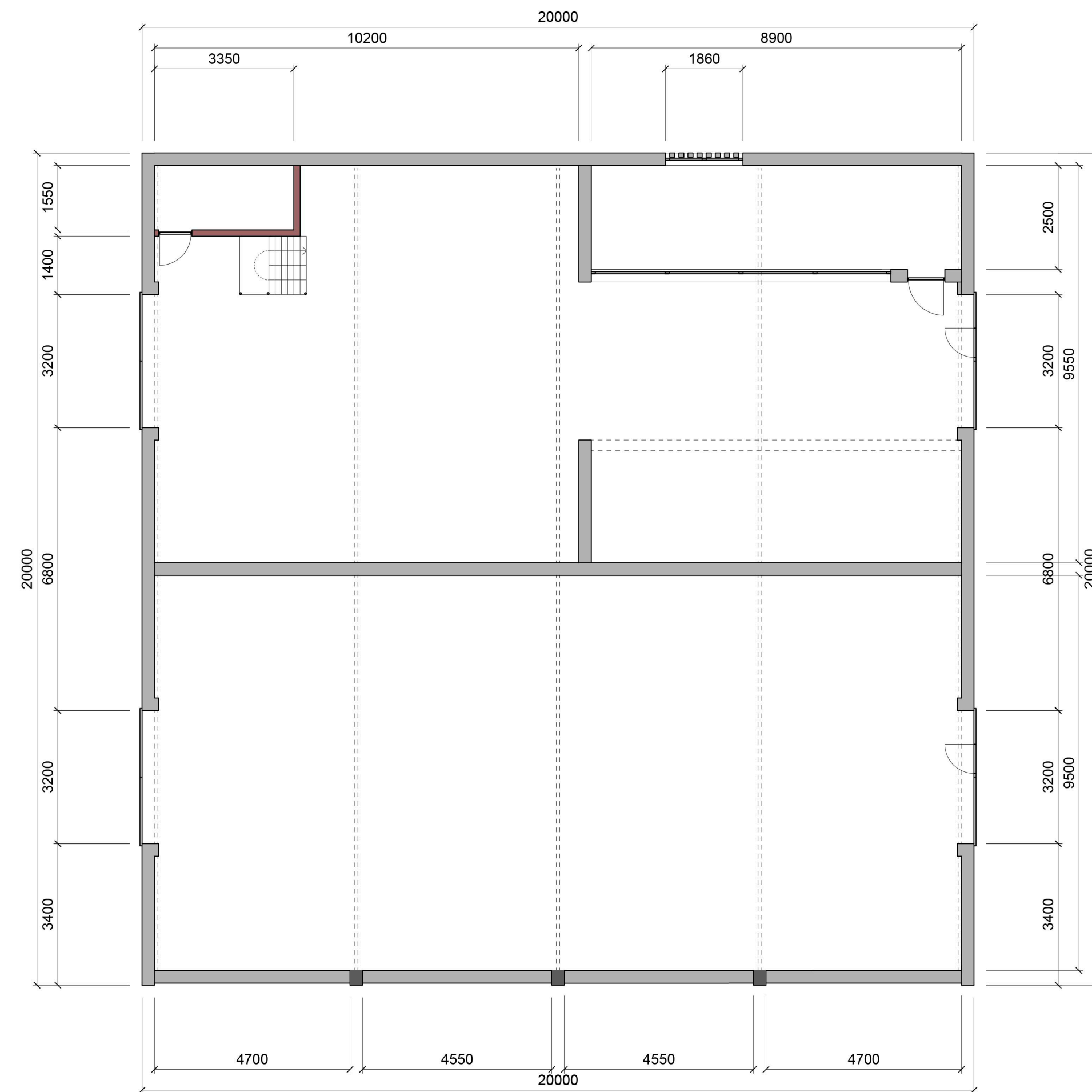




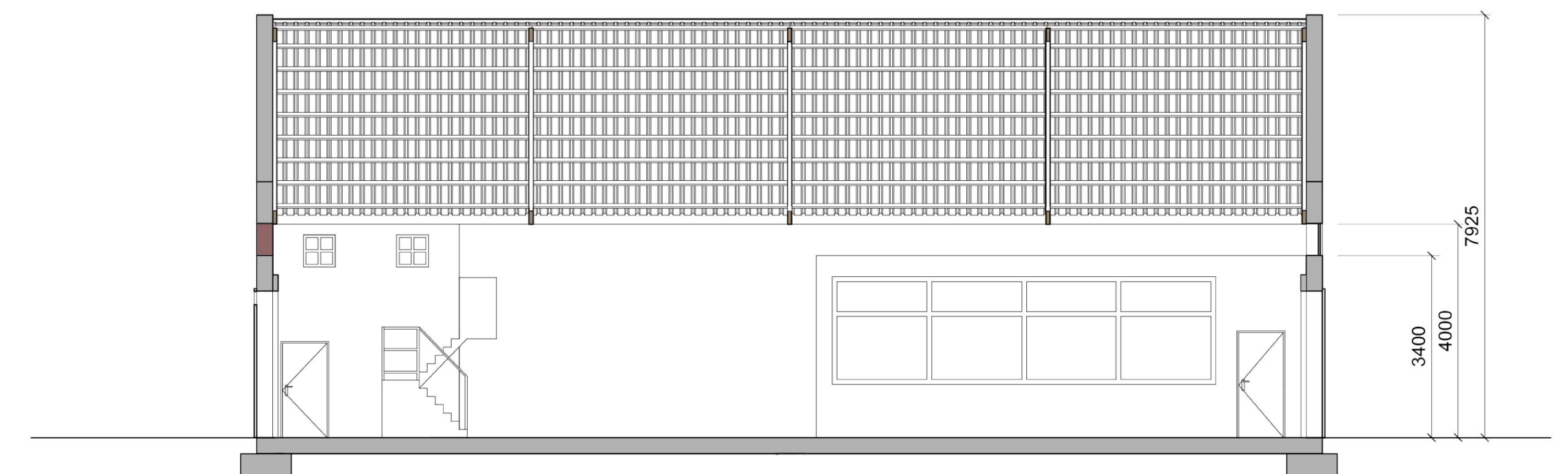
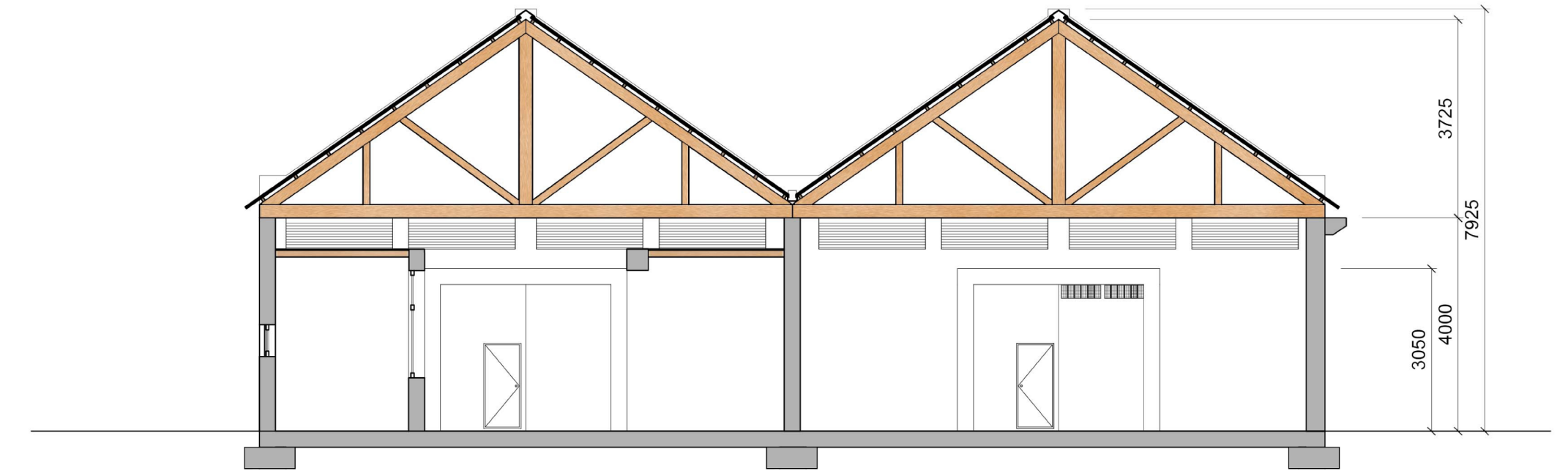






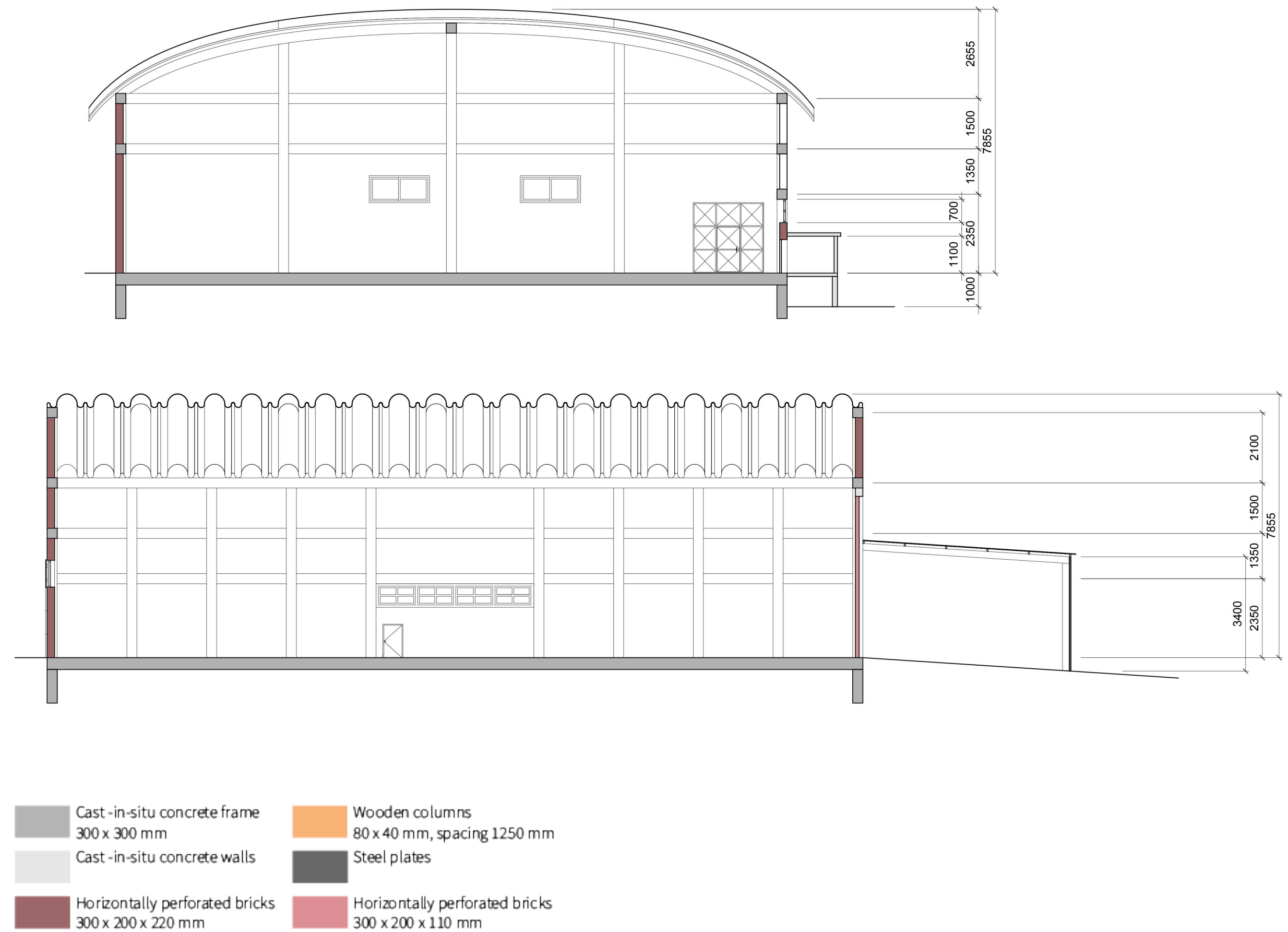
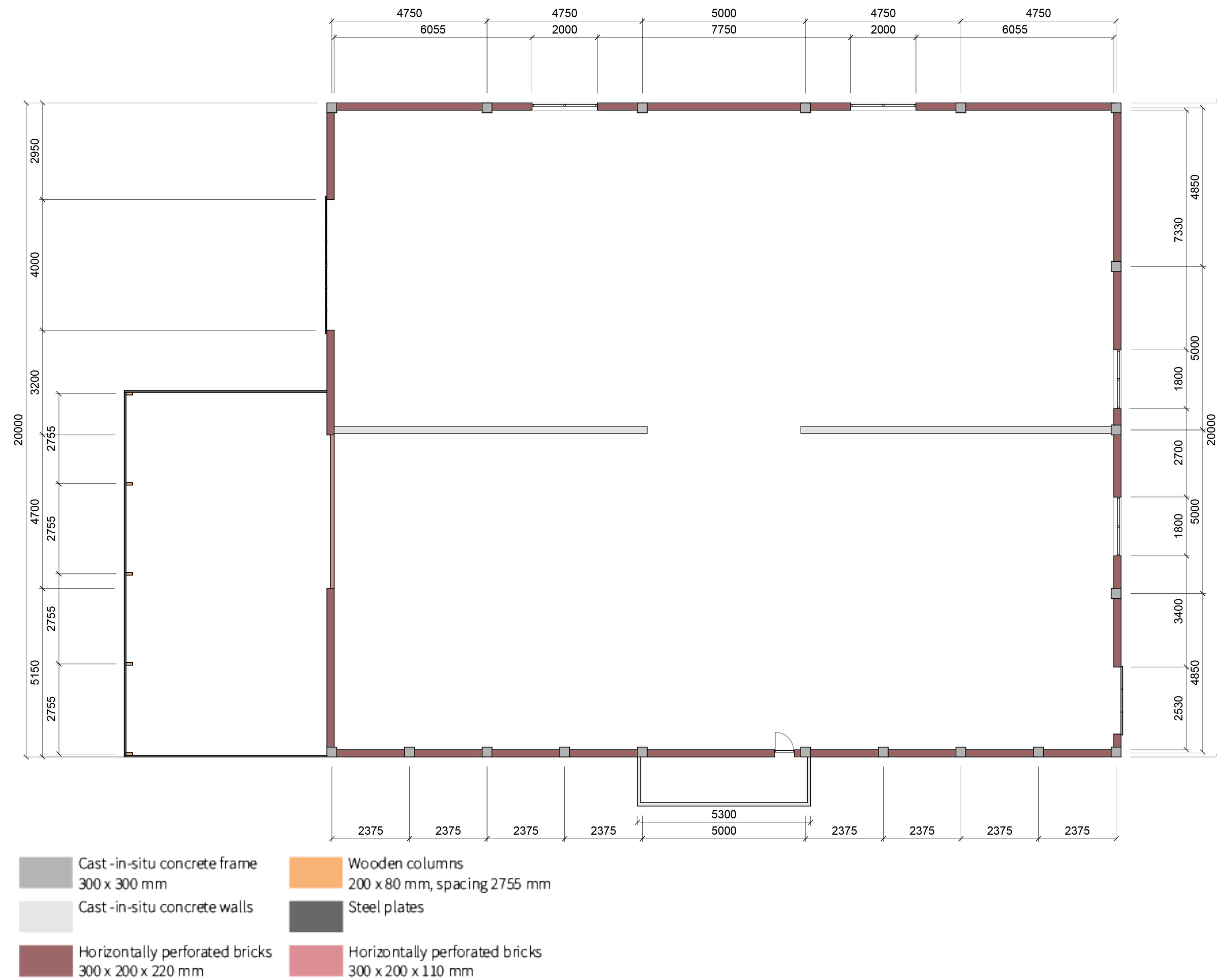


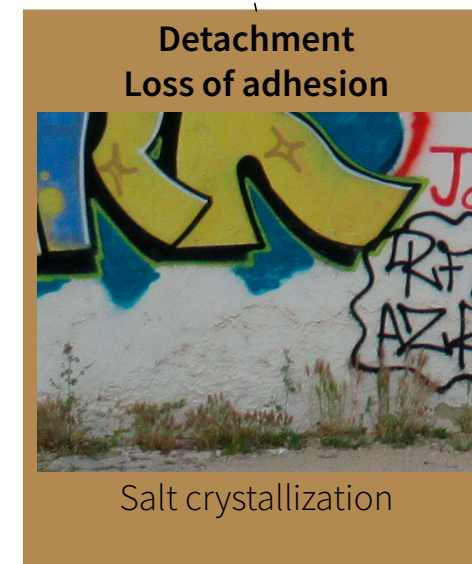
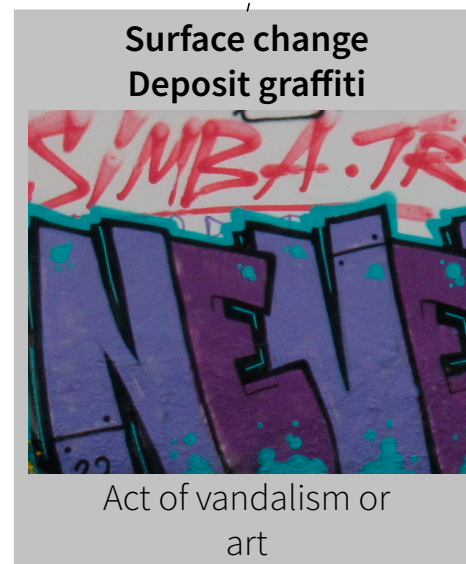
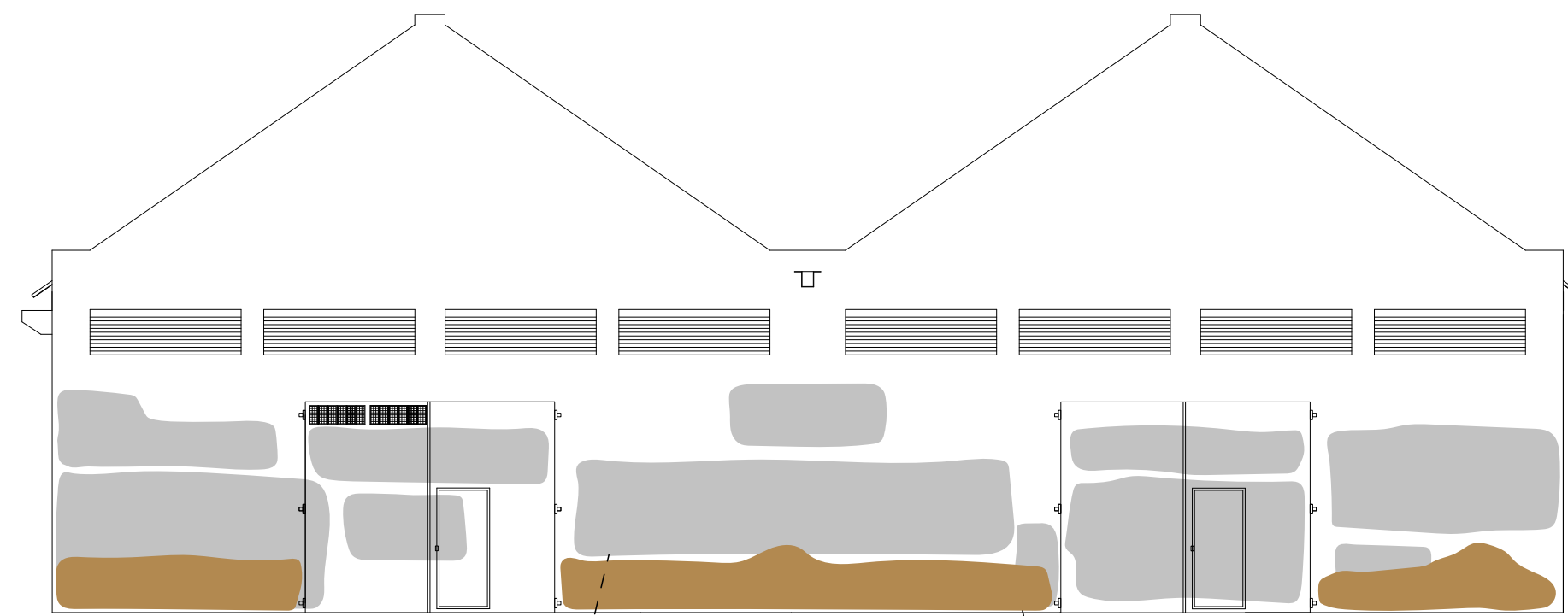
- Cast-in-situ concrete walls
300 mm
- Cast-in-situ columns
300x 350 mm
- Horizontally perforated bricks
300 x 200 x 150 mm



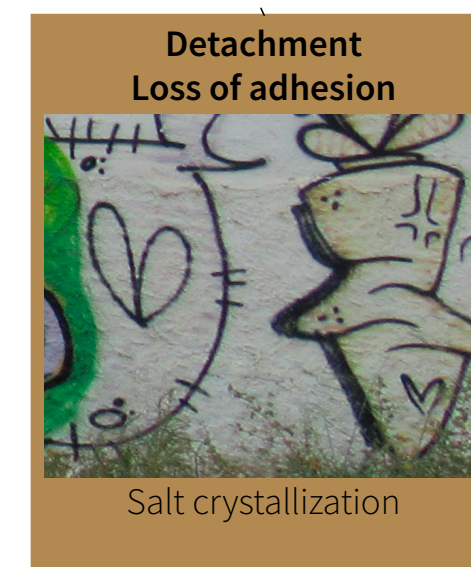
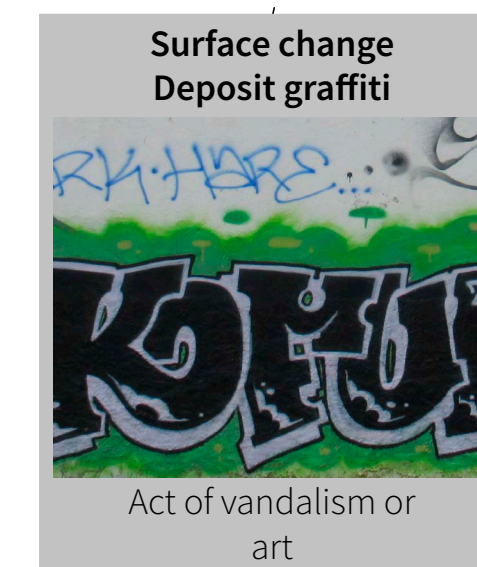
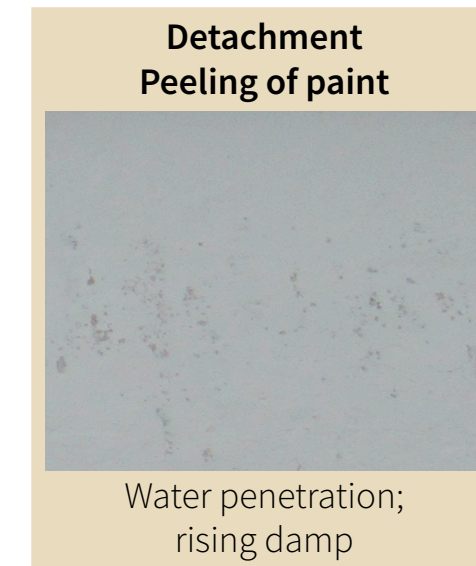
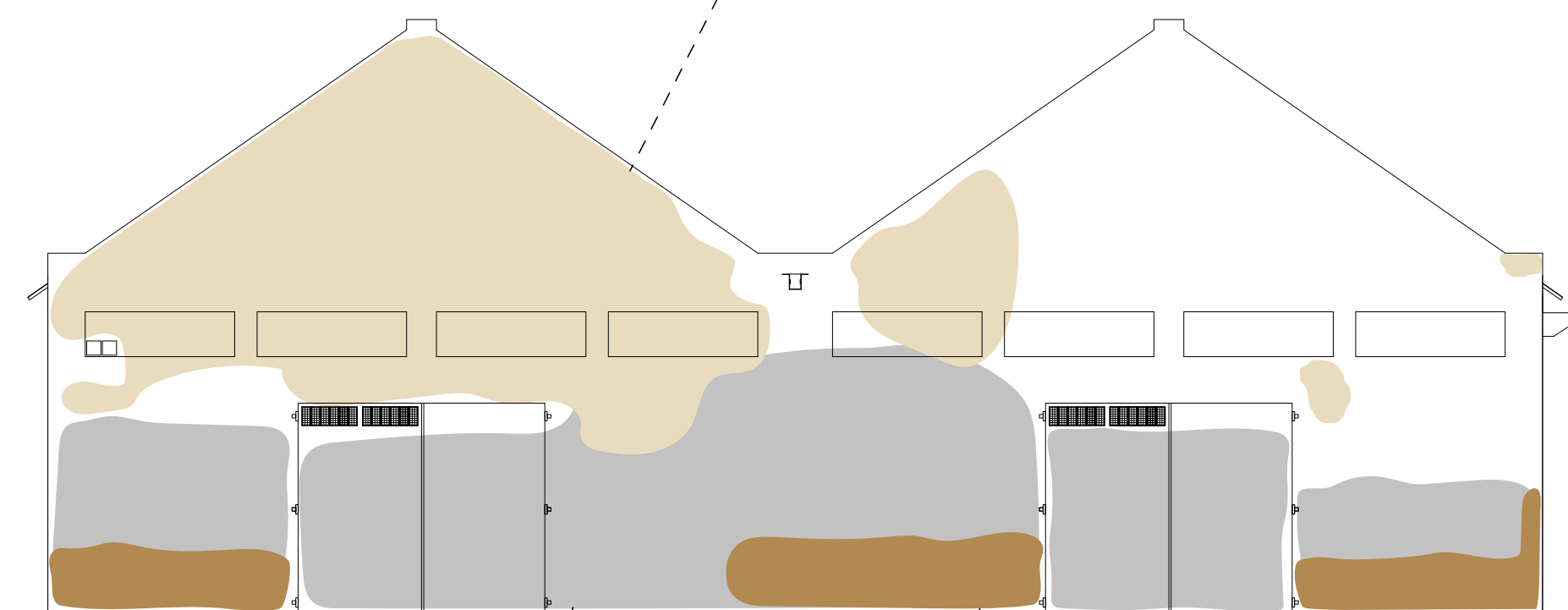
- Cast-in-situ concrete
- Corrugated steel roof plates
t=0,50 mm
- Wooden purlins
75 x 50 mm, 750 mm spacing
- Wooden truss
250 x 75 mm, 4850 mm spacing
- Horizontally perforated bricks
300 x 200 x 220 mm



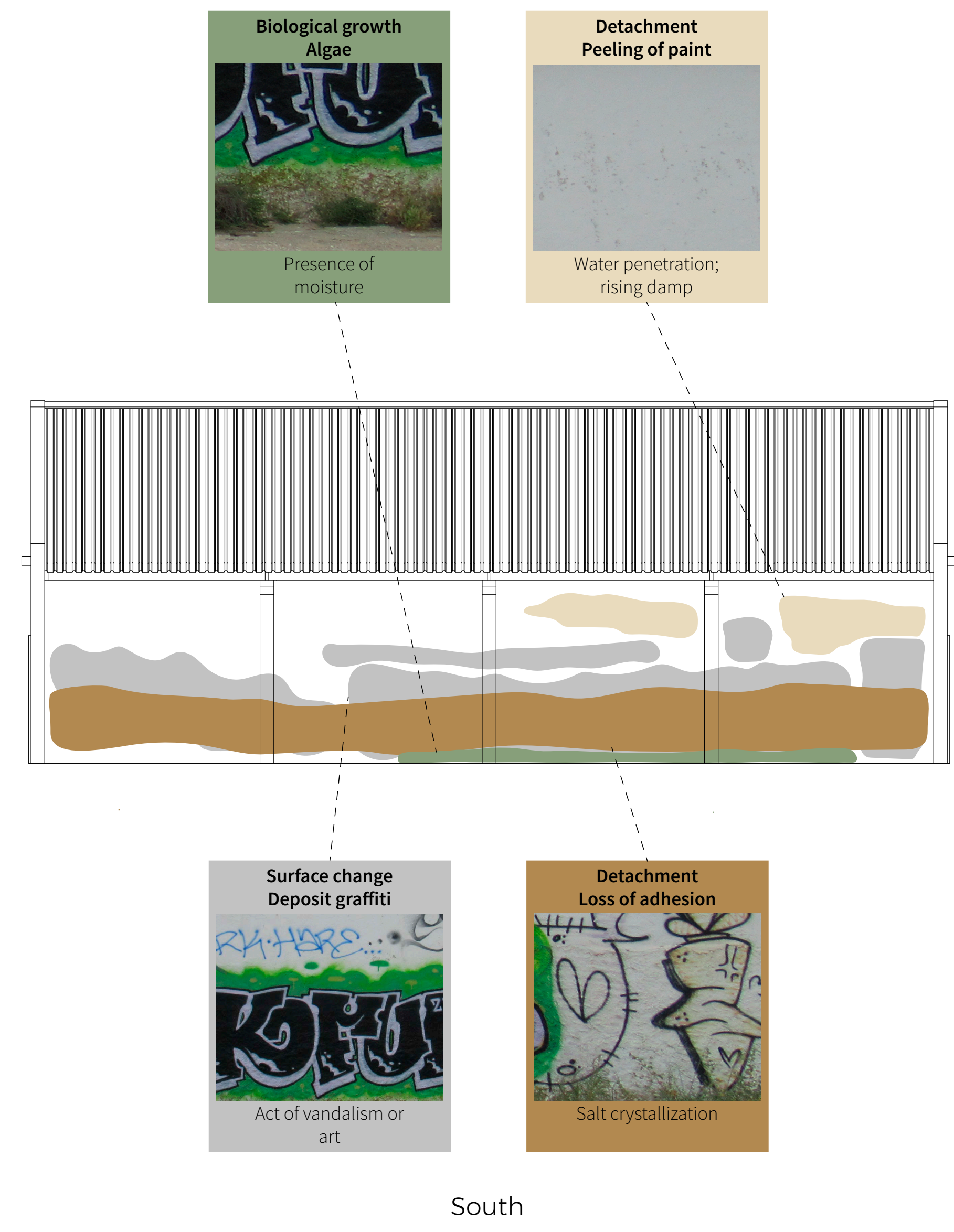


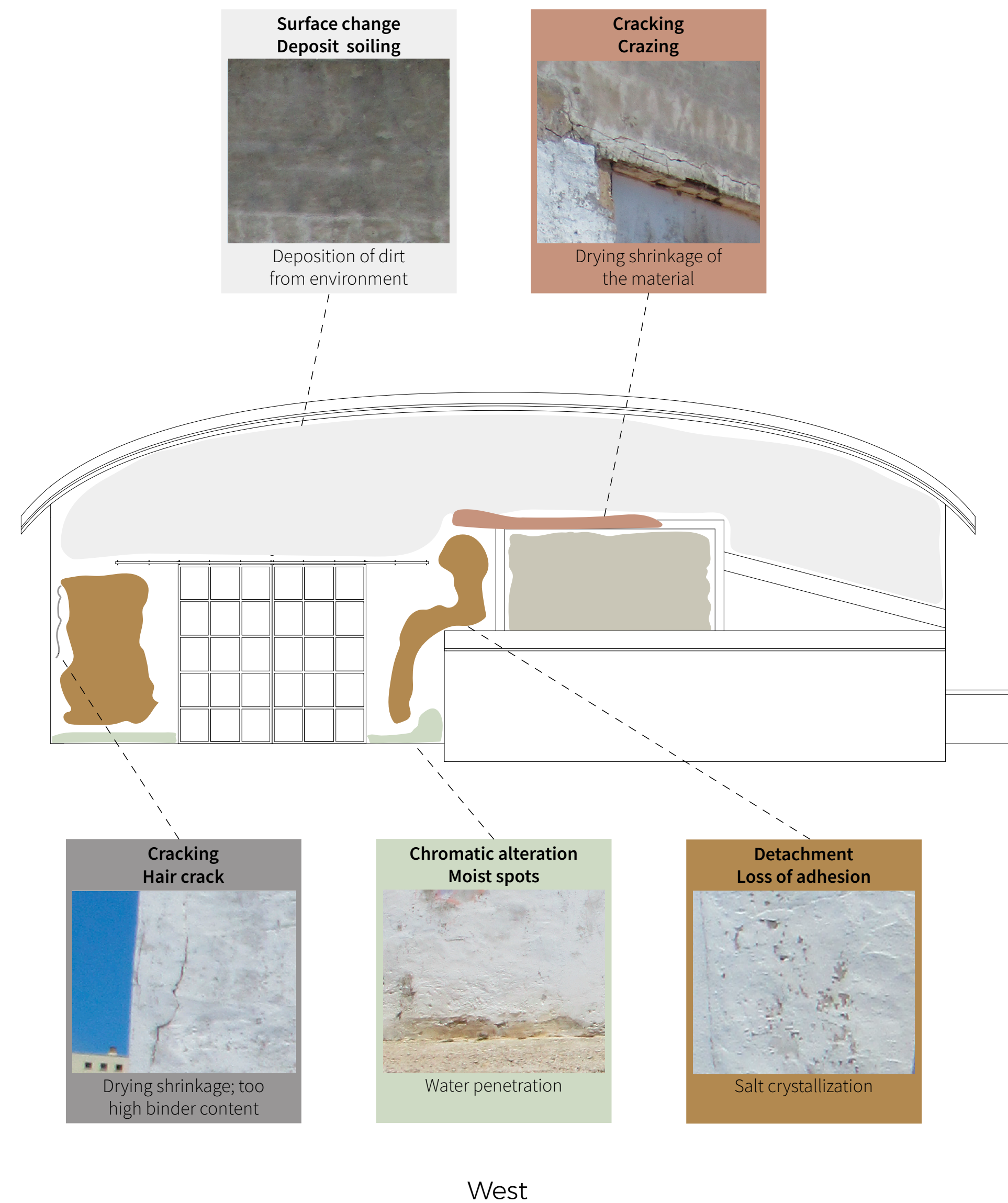
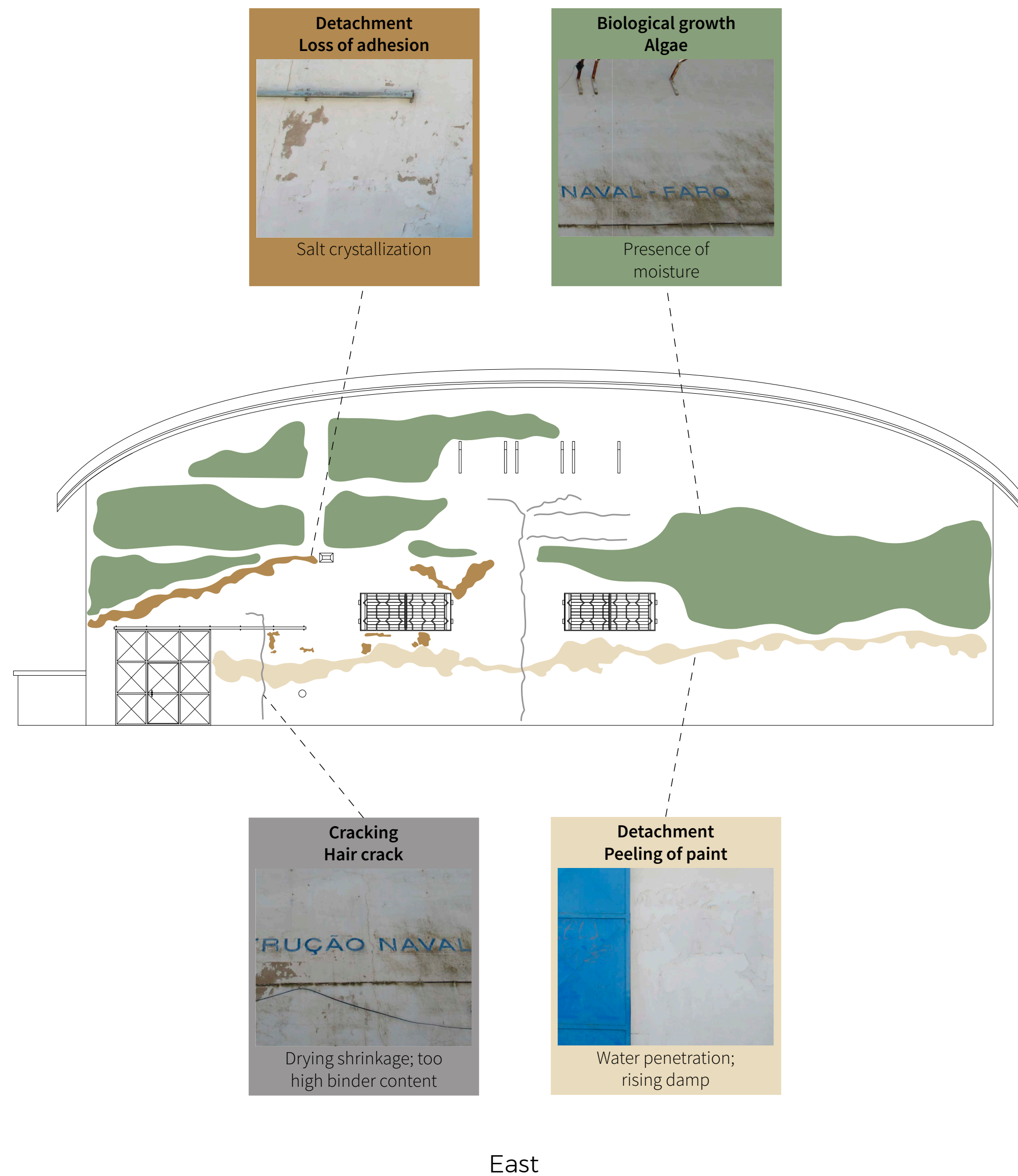


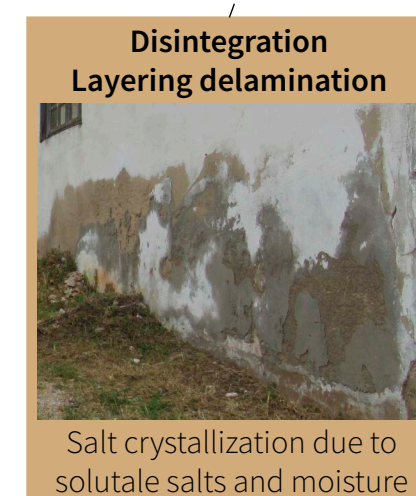
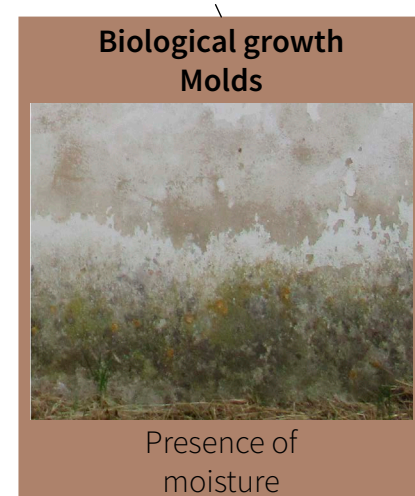
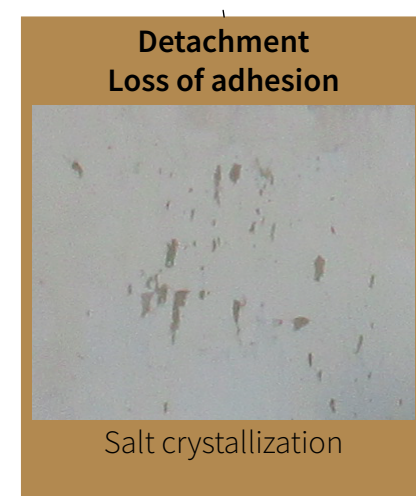
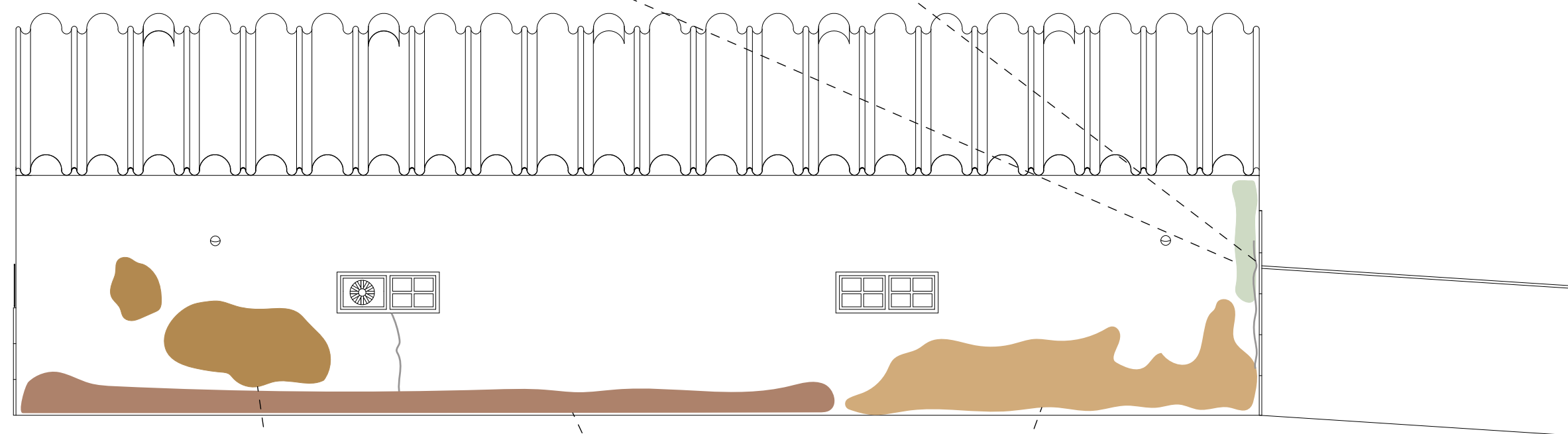
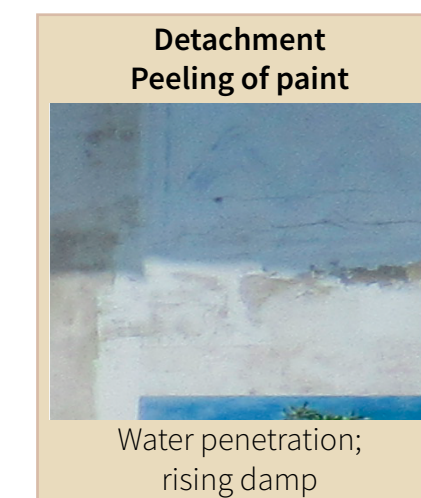
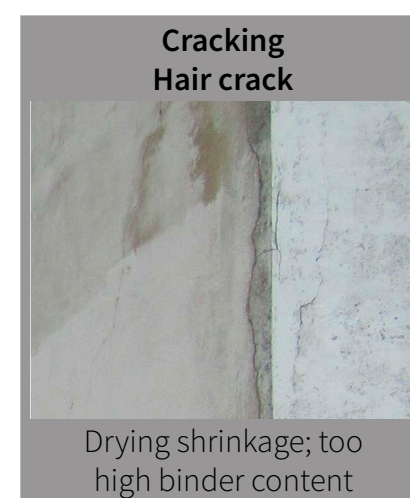
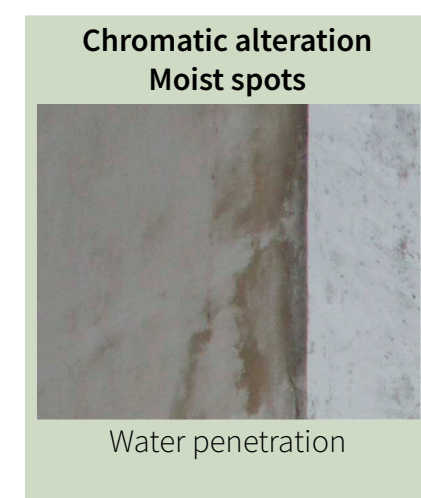
East



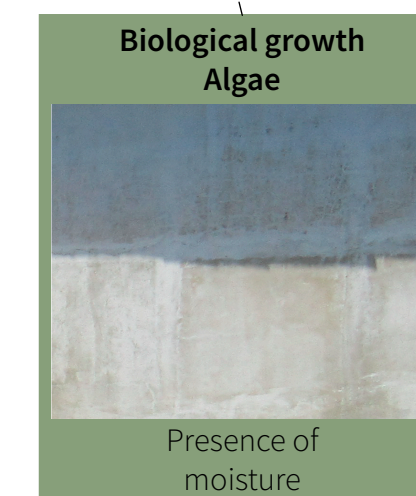
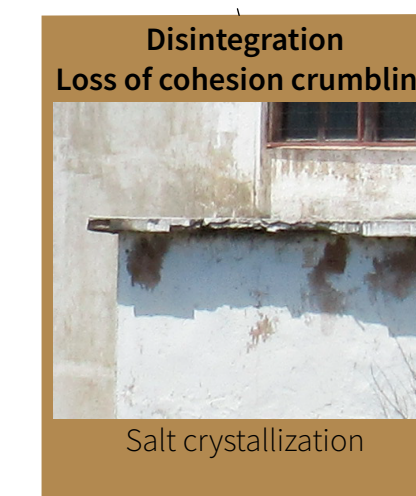
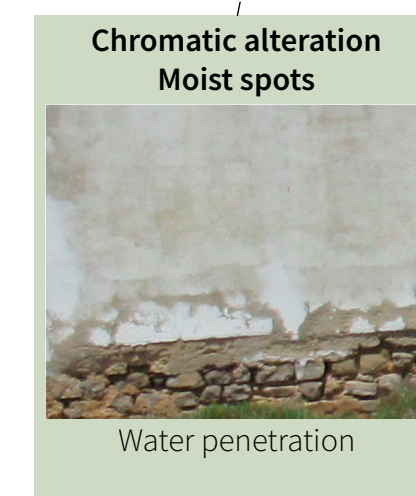
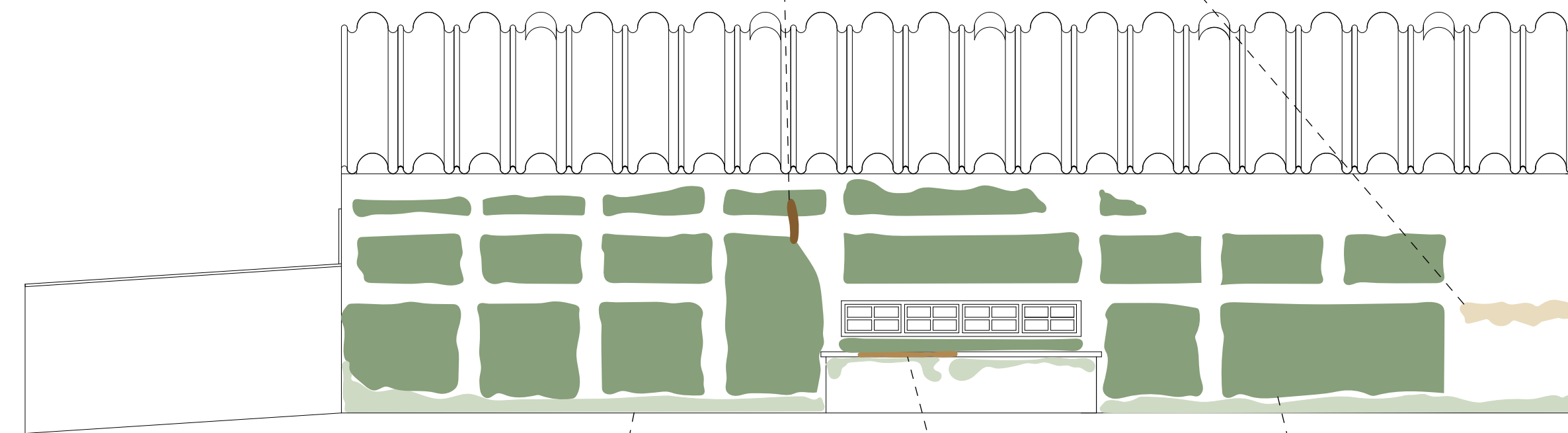
West







North

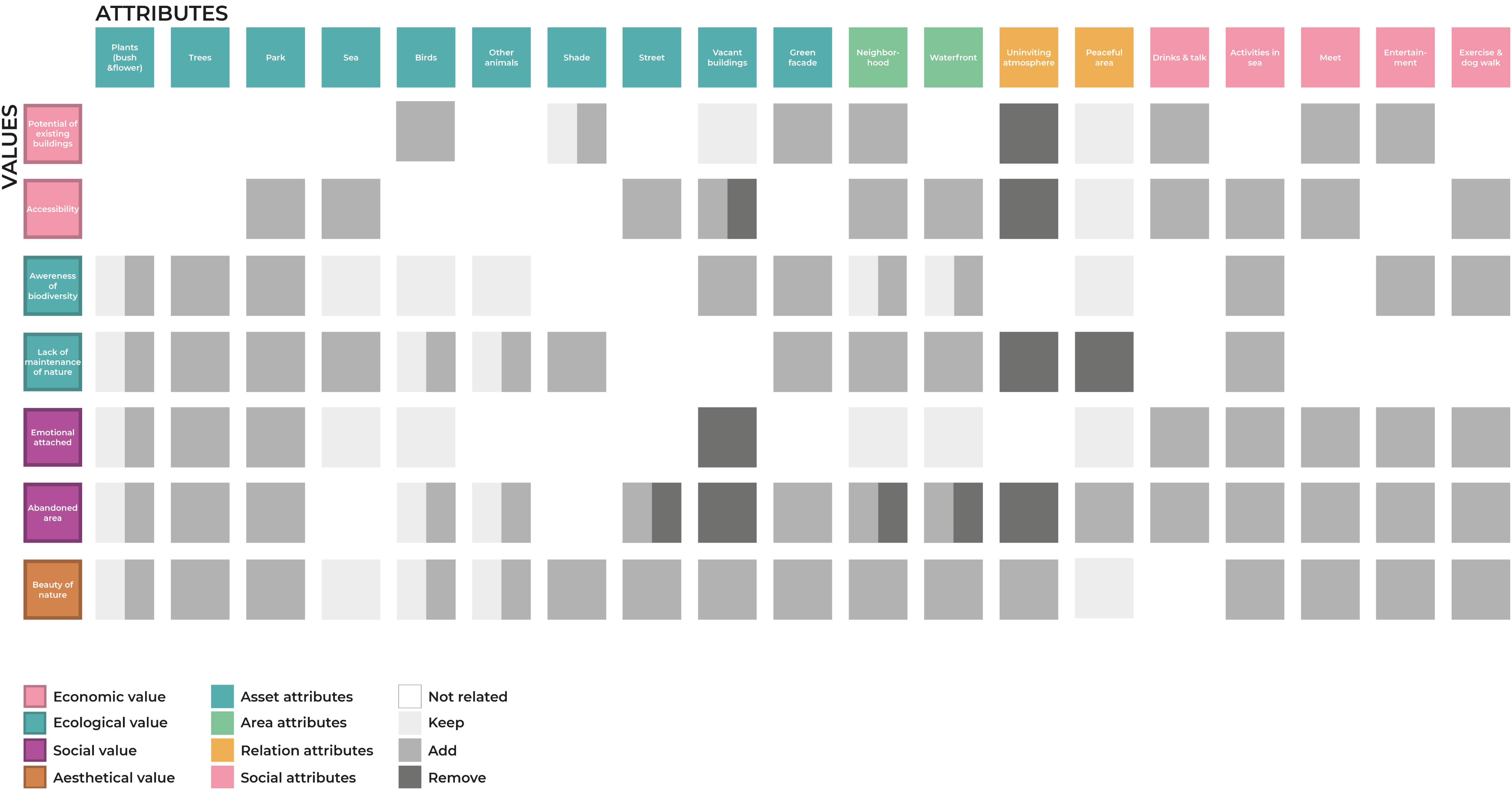


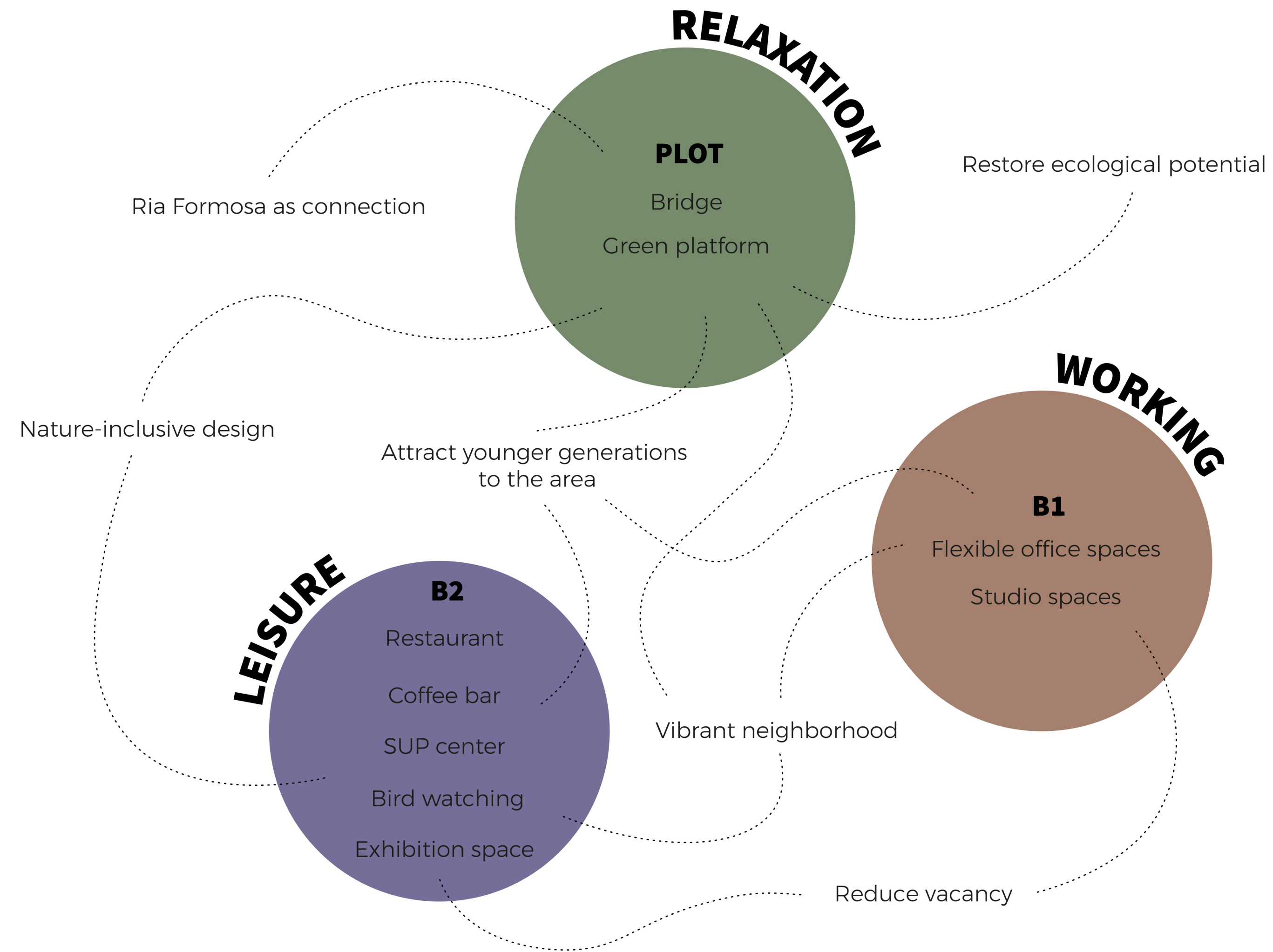
South

- Tidal flats
- Hoods and sand dunes
- Salt marshes







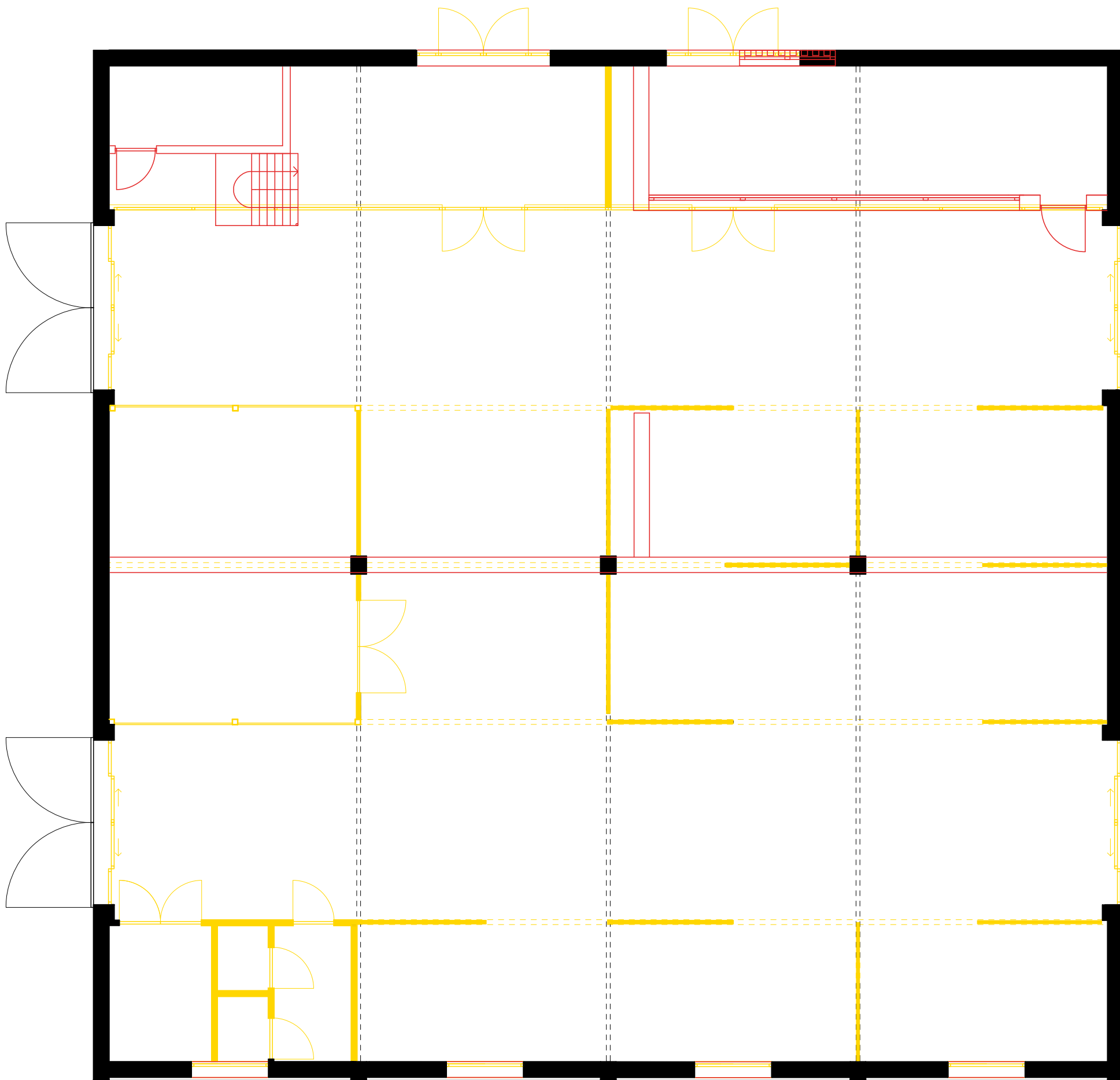


ATTRIBUTES

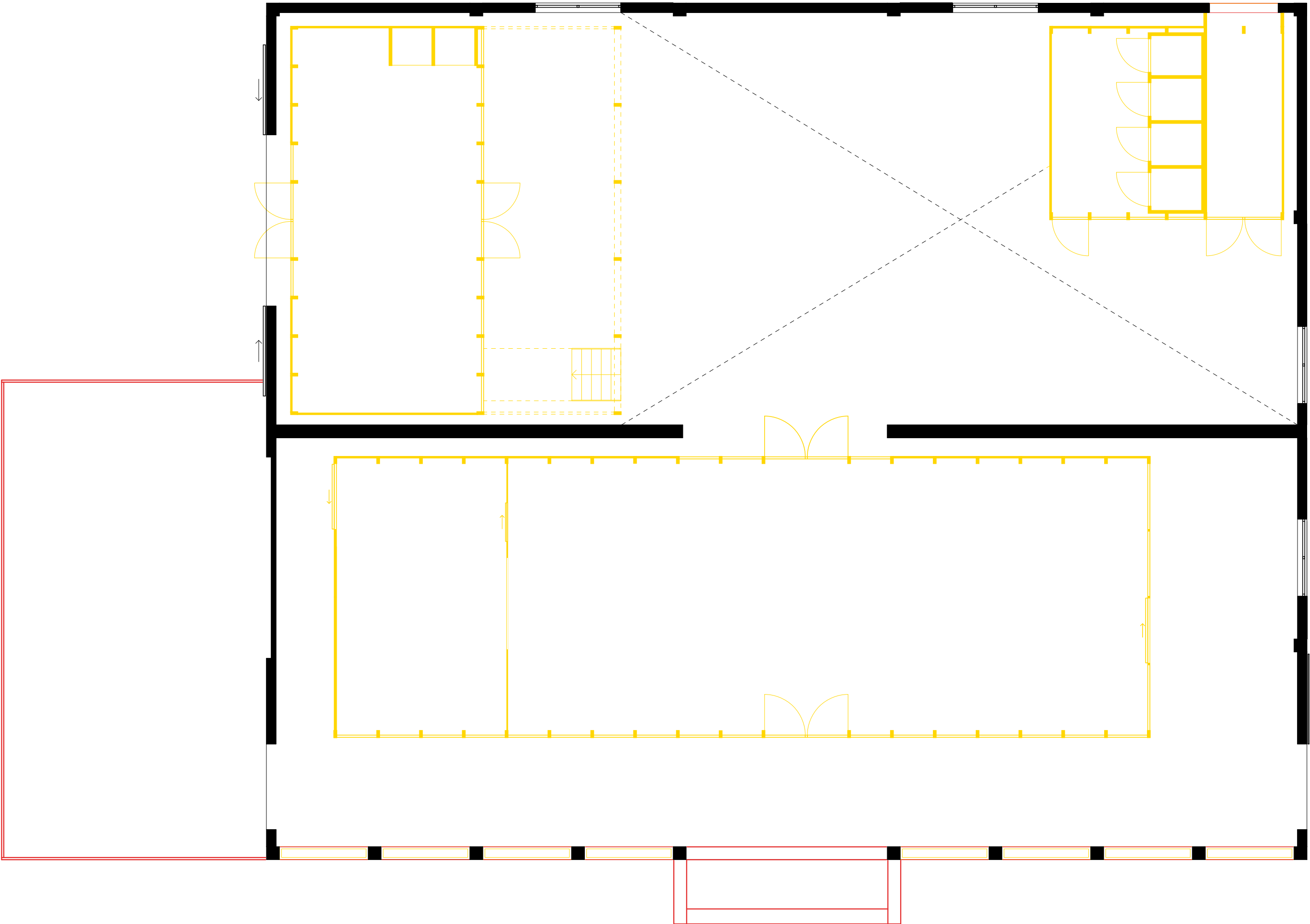
VALUES

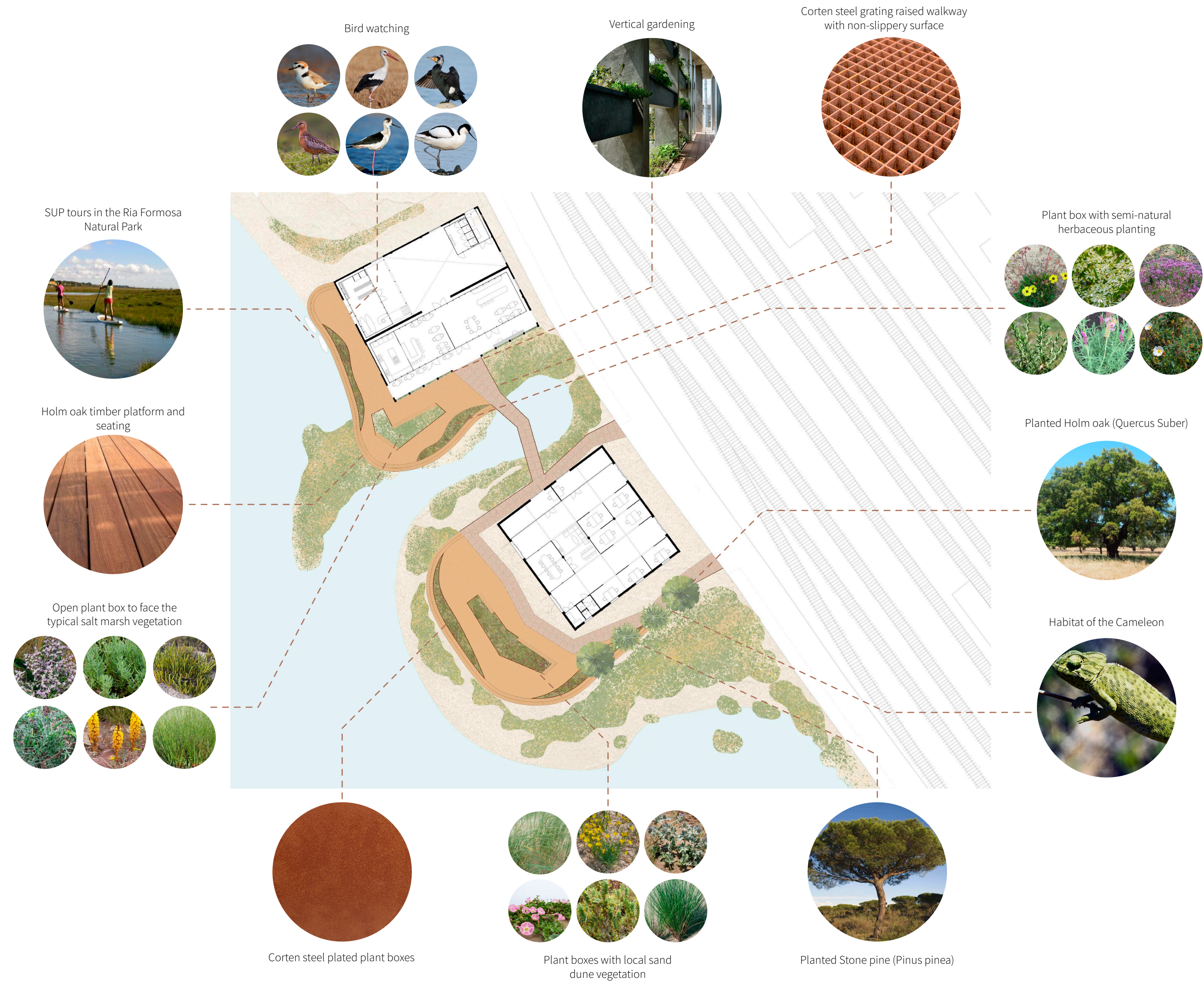
	Plants (bush &flower)	Trees	Park	Sea	Birds	Other animals	Shade	Street	Vacant buildings	Green facade	Neighbor- hood	Waterfront	Uninviting atmosphere	Peaceful area	Drinks & talk	Activities in sea	Meet	Entertain- ment	Exercise & dog walk
Potential of existing buildings					Bird watching		Restaurant Vertical gardening		Exhibition area Coffee bar SUP center Restaurant Flexible office spaces Studio spaces	Vertical gardening	Studio spaces Exhibition area Flexible office spaces		Restaurant Flexible office spaces Exhibition area Coffee bar Green platform Studio spaces	Green platform Bird watching SUP center	Restaurant Coffee bar		Exhibition area Green platform Flexible office spaces Restaurant Studio spaces Coffee bar	Exhibition area SUP center	
Accessibility			Green platform	Green platform SUP center				Green platform Bridge	Restaurant Flexible office spaces Studio spaces		Green platform Flexible office spaces Vertical gardening Studio spaces	Green platform Bridge	Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Green platform Bridge		Green platform Bridge
Awareness of biodiversity	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform SUP center	Bird watching Green platform	Green platform			Vertical gardening Bird watching	Vertical gardening	Vertical gardening Exhibition area Green platform Bird watching	Green platform SUP center		Green platform		SUP center		SUP center Bird watching	Green platform
Lack of maintenance of nature	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform			Vertical gardening	Green platform Bridge	Green platform	Green platform	Green platform		SUP center			
Emotional attached	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Bird watching				Exhibition area Restaurant Coffee bar Studio spaces		Green platform Bridge	Green platform		Green platform	Restaurant Coffee bar	SUP center	Coffee bar Green platform	Exhibition area	Green platform
Abandoned area	Green platform Vertical gardening	Green platform	Green platform Vertical gardening		Green platform Vertical gardening	Green platform		Green platform Bridge	Coffee bar Studio spaces Restaurant Flexible office spaces	Vertical gardening	Flexible office spaces Green platform Exhibition area Bridge	Green platform	Flexible office spaces Exhibition area Coffee bar Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Flexible office spaces Coffee bar Exhibition area Green platform Restaurant Studio spaces	Exhibition area SUP center Bird watching	Green platform
Beauty of nature	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform Bird watching	Green platform	Vertical gardening	Green platform Bridge	Vertical gardening	Vertical gardening	Green platform Bridge Exhibition area	Green platform	Green platform	Green platform		SUP center	Green platform	Exhibition area	Green platform

Desired floorplan for functions
Daylight
Connection to green platform

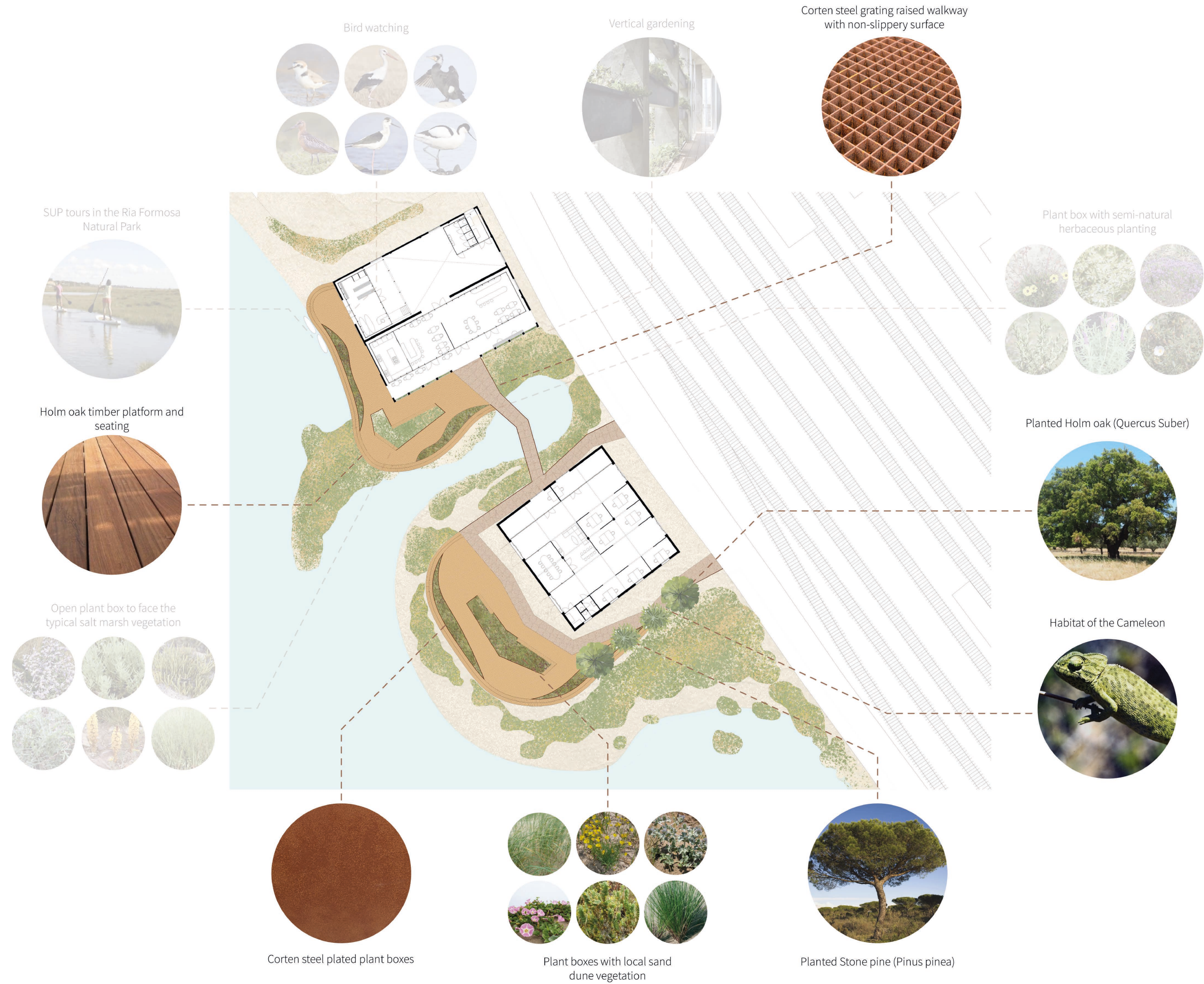


Keep original industrial appearance
Climatised boxes
Daylight
Nature-inclusive façade

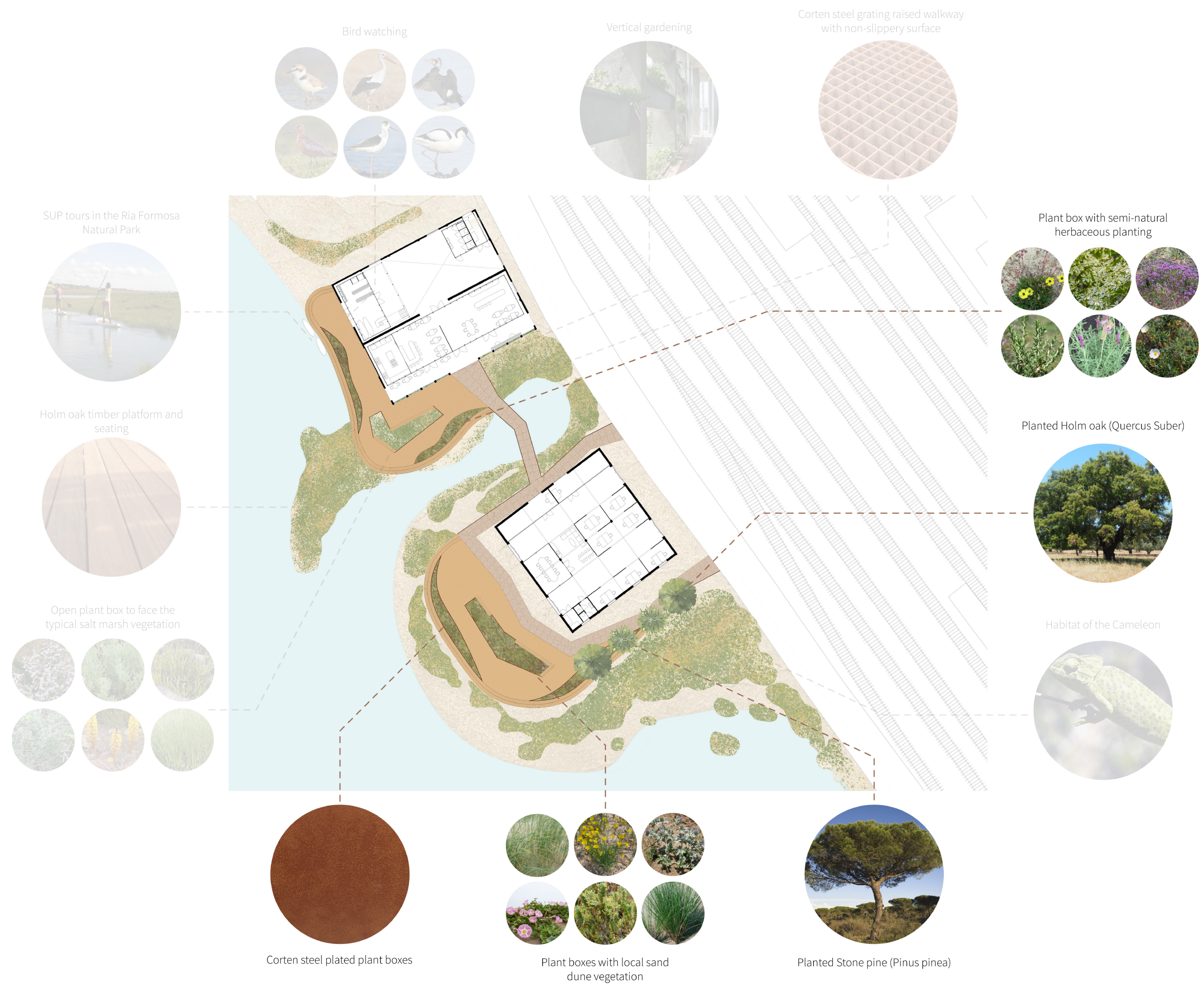




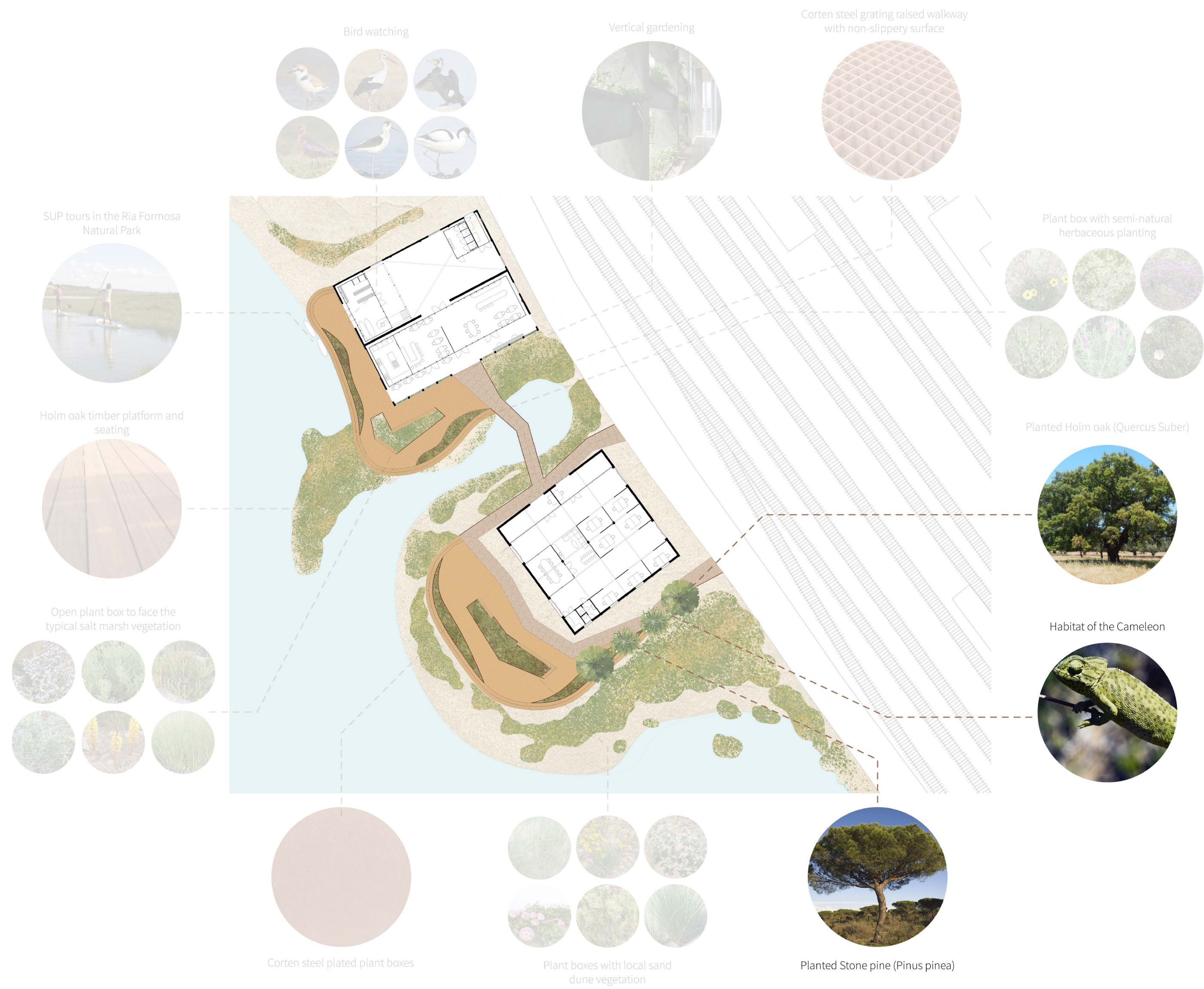
Design a process: creating the right conditions



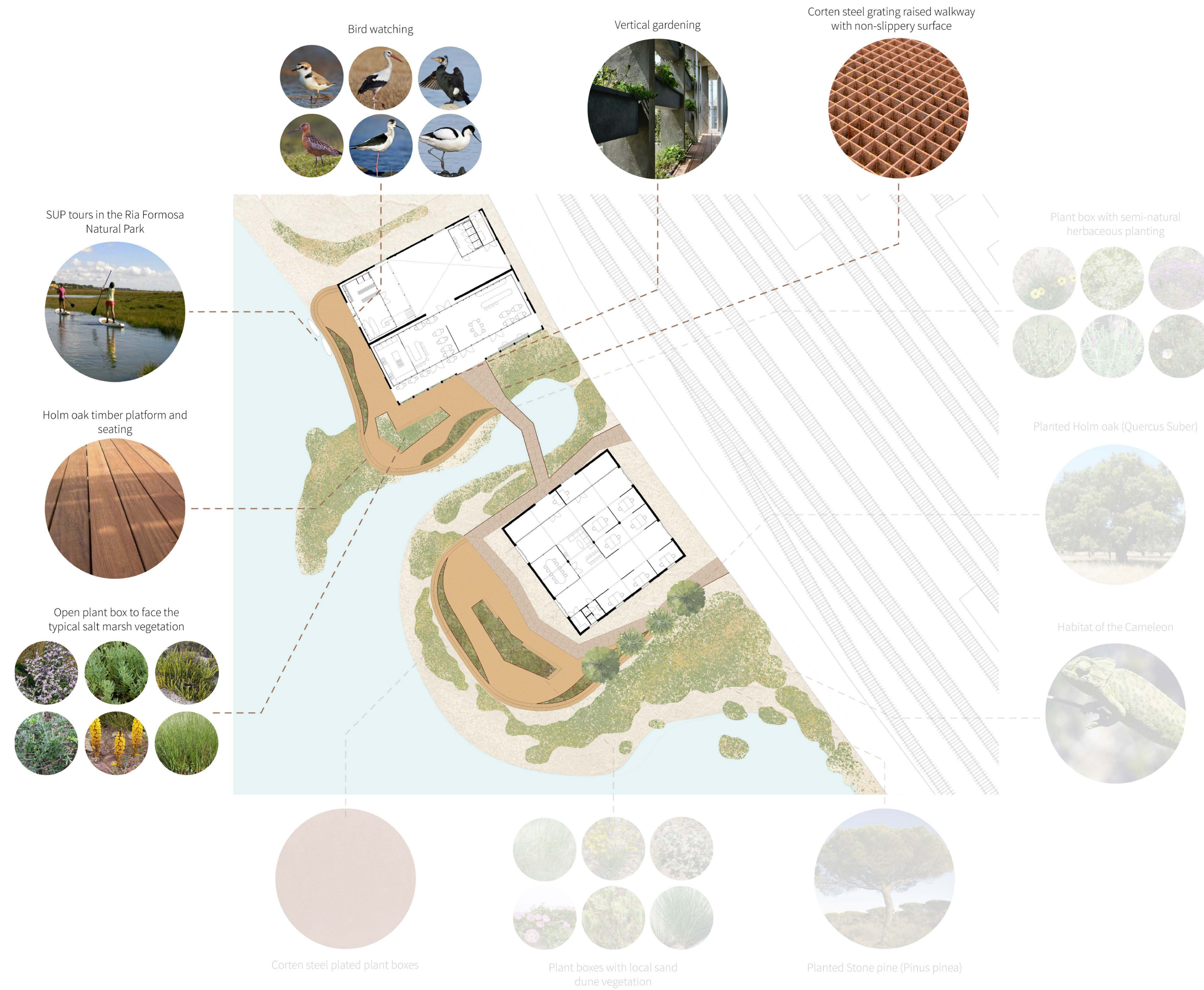
Make complex and diverse designs: complexity and diversity

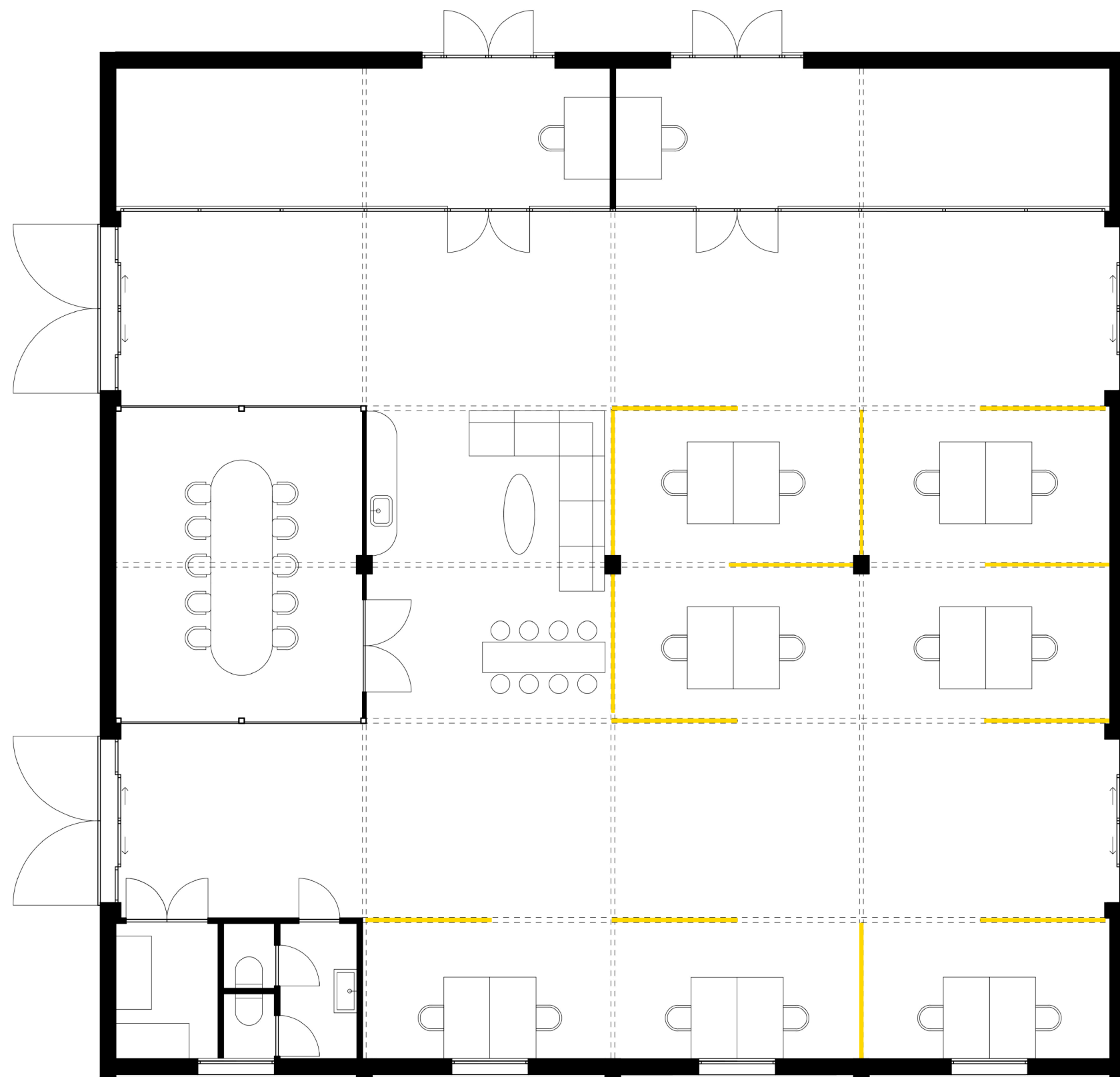


Design with nature, not against: elaborate further on the current situation

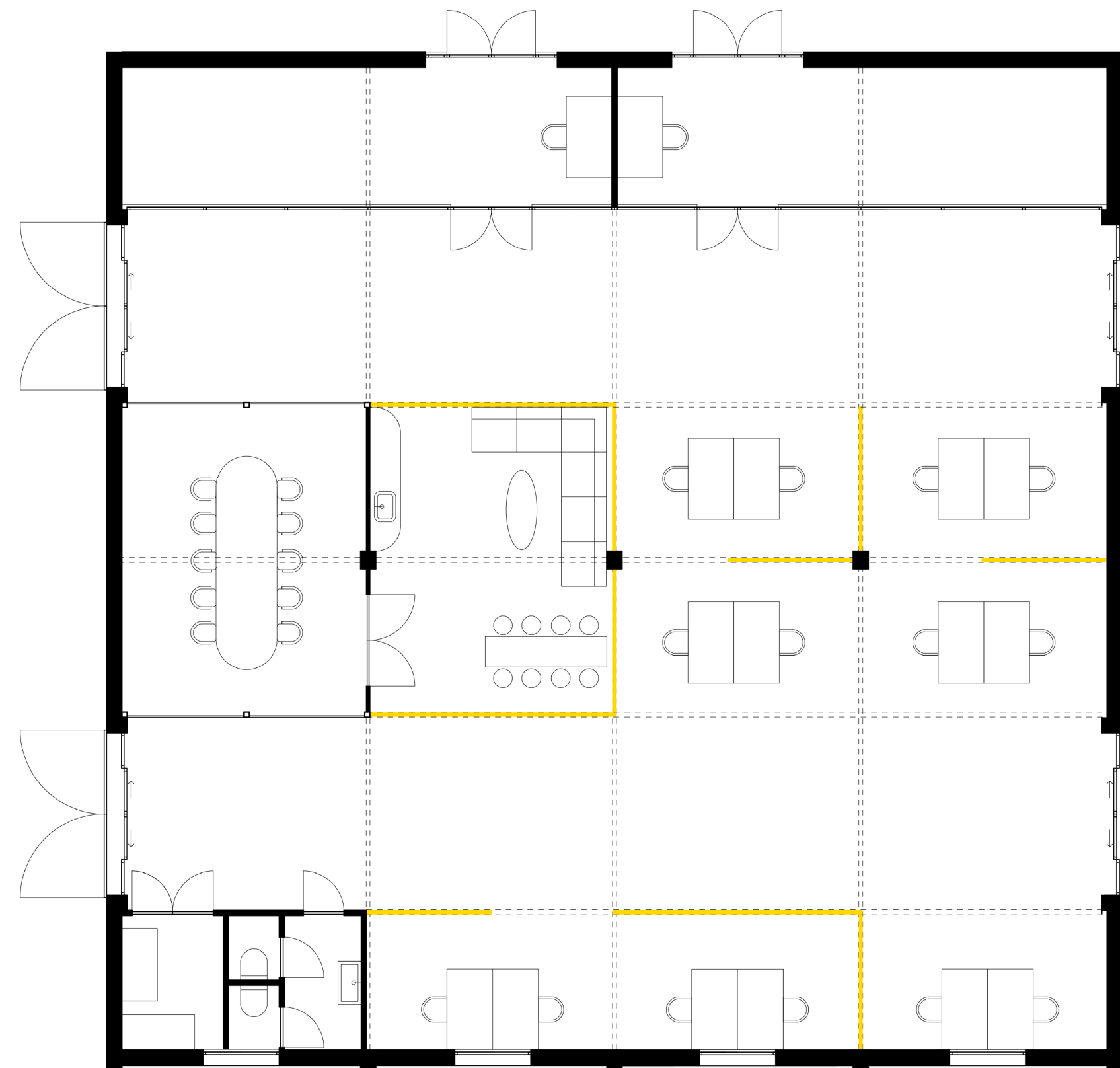


Design the management: role of residents



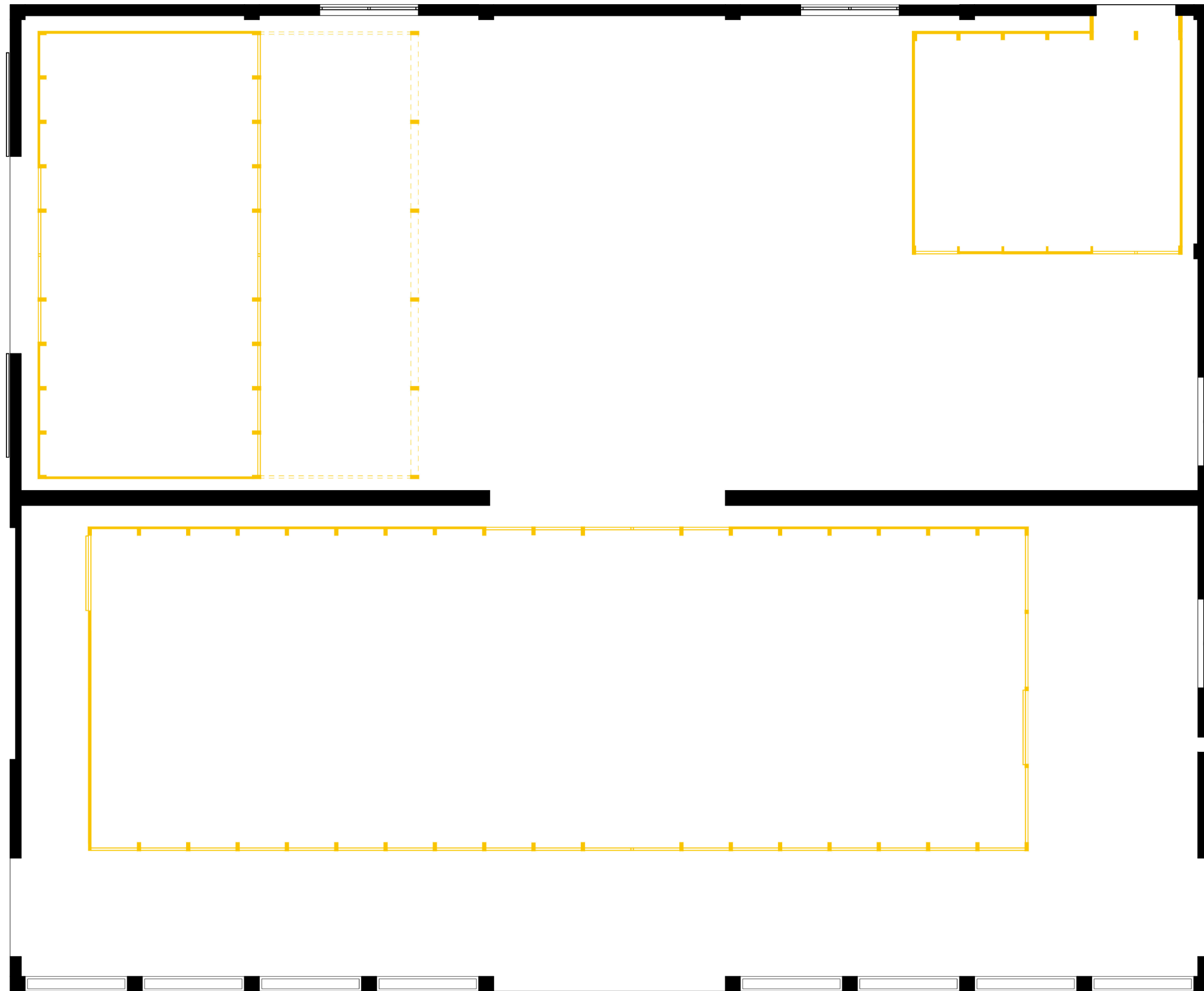


Individual working



Group meeting







CONSTRUÇÃO NAVAL - FARO

Part 3

Impact assessment

ATTRIBUTES

VALUES

	Plants (bush & flower)	Trees	Park	Sea	Birds	Other animals	Shade	Street	Vacant buildings	Green facade	Neighbor- hood	Waterfront	Uninviting atmosphere	Peaceful area	Drinks & talk	Activities in sea	Meet	Entertain- ment	Exercise & dog walk
Potential of existing buildings					Bird watching		Restaurant Vertical gardening		Exhibition area Coffee bar SUP center Restaurant Flexible office spaces Studio spaces	Vertical gardening	Studio spaces Exhibition area Flexible office spaces		Restaurant Flexible office spaces Exhibition area Coffee bar Green platform Studio spaces	Green platform Bird watching SUP center	Restaurant Coffee bar		Exhibition area Green platform Flexible office spaces Restaurant Studio spaces Coffee bar	Exhibition area SUP center	
Accessibility			Green platform	Green platform SUP center				Green platform Bridge	Restaurant Flexible office spaces Studio spaces		Green platform Flexible office spaces Vertical gardening Studio spaces	Green platform Bridge	Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Green platform Bridge		Green platform Bridge
Awareness of biodiversity	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform SUP center	Bird watching Green platform	Green platform			Vertical gardening Bird watching	Vertical gardening	Vertical gardening Exhibition area Green platform Bird watching	Green platform SUP center		Green platform		SUP center		SUP center Bird watching	Green platform
Lack of maintenance of nature	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform			Vertical gardening	Green platform Bridge	Green platform	Green platform	Green platform		SUP center			
Emotional attached	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Bird watching				Exhibition area Restaurant Coffee bar Studio spaces		Green platform Bridge	Green platform		Green platform	Restaurant Coffee bar	SUP center	Coffee bar Green platform	Exhibition area	Green platform
Abandoned area	Green platform Vertical gardening	Green platform	Green platform Vertical gardening		Green platform Vertical gardening	Green platform		Green platform Bridge	Coffee bar Studio spaces Restaurant Flexible office spaces	Vertical gardening	Flexible office spaces Green platform Exhibition area Bridge	Green platform	Flexible office spaces Exhibition area Coffee bar Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Flexible office spaces Coffee bar Exhibition area Green platform Restaurant Studio spaces	Exhibition area SUP center Bird watching	Green platform
Beauty of nature	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform Bird watching	Green platform	Vertical gardening	Green platform Bridge	Vertical gardening	Vertical gardening	Green platform Bridge Exhibition area	Green platform	Green platform	Green platform		SUP center	Green platform	Exhibition area	Green platform

Economic value

Ecological value

Social value

Aesthetical value

Asset attributes

Area attributes

Relation attributes

Social attributes

Not related

Keep

Add

Remove

How have the values and attributes been integrated in the design and what could have been done better?

ATTRIBUTES

VALUES

	Plants (bush & flower)	Trees	Park	Sea	Birds	Other animals	Shade	Street	Vacant buildings	Green facade	Neighbor- hood	Waterfront	Uninviting atmosphere	Peaceful area	Drinks & talk	Activities in sea	Meet	Entertain- ment	Exercise & dog walk
Potential of existing buildings					Bird watching		Restaurant Vertical gardening		Exhibition area Coffee bar SUP center Restaurant Flexible office spaces Studio spaces	Vertical gardening	Studio spaces Exhibition area Flexible office spaces		Restaurant Flexible office spaces Exhibition area Coffee bar Green platform Studio spaces	Green platform Bird watching SUP center	Restaurant Coffee bar		Exhibition area Green platform Flexible office spaces Restaurant Studio spaces Coffee bar	Exhibition area SUP center	
Accessibility			Green platform	Green platform SUP center				Green platform Bridge	Restaurant Flexible office spaces Studio spaces		Green platform Flexible office spaces Vertical gardening Studio spaces	Green platform Bridge	Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Green platform Bridge		Green platform Bridge
Awareness of biodiversity	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform SUP center	Bird watching Green platform	Green platform			Vertical gardening Bird watching	Vertical gardening	Vertical gardening Exhibition area Green platform Bird watching	Green platform SUP center		Green platform		SUP center		SUP center Bird watching	Green platform
Lack of maintenance of nature	Bridge Green platform Vertical gardening	Green platform	Bridge Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform	Green platform		Vertical gardening	Green platform Bridge	Green platform	Green platform	Green platform		SUP center			
Emotional attached	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Bird watching				Exhibition area Restaurant Coffee bar Studio spaces		Green platform Bridge	Green platform		Green platform	Restaurant Coffee bar	SUP center	Coffee bar Green platform	Exhibition area	Green platform
Abandoned area	Green platform Vertical gardening	Green platform	Green platform Vertical gardening		Green platform Vertical gardening	Green platform		Green platform Bridge	Coffee bar Studio spaces Restaurant Flexible office spaces	Vertical gardening	Flexible office spaces Green platform Exhibition area Bridge	Green platform	Flexible office spaces Exhibition area Coffee bar Green platform Bridge	Green platform	Restaurant Coffee bar	SUP center	Flexible office spaces Coffee bar Exhibition area Green platform Restaurant Studio spaces	Exhibition area SUP center Bird watching	Green platform
Beauty of nature	Green platform Vertical gardening	Green platform	Green platform Vertical gardening	Green platform	Green platform Bird watching	Green platform	Vertical gardening	Green platform Bridge	Vertical gardening	Vertical gardening	Green platform Bridge Exhibition area	Green platform	Green platform	Green platform		SUP center	Green platform	Exhibition area	Green platform

Economic value

Ecological value

Social value

Aesthetical value

Asset attributes

Area attributes

Relation attributes

Social attributes

Not related

Keep

Add

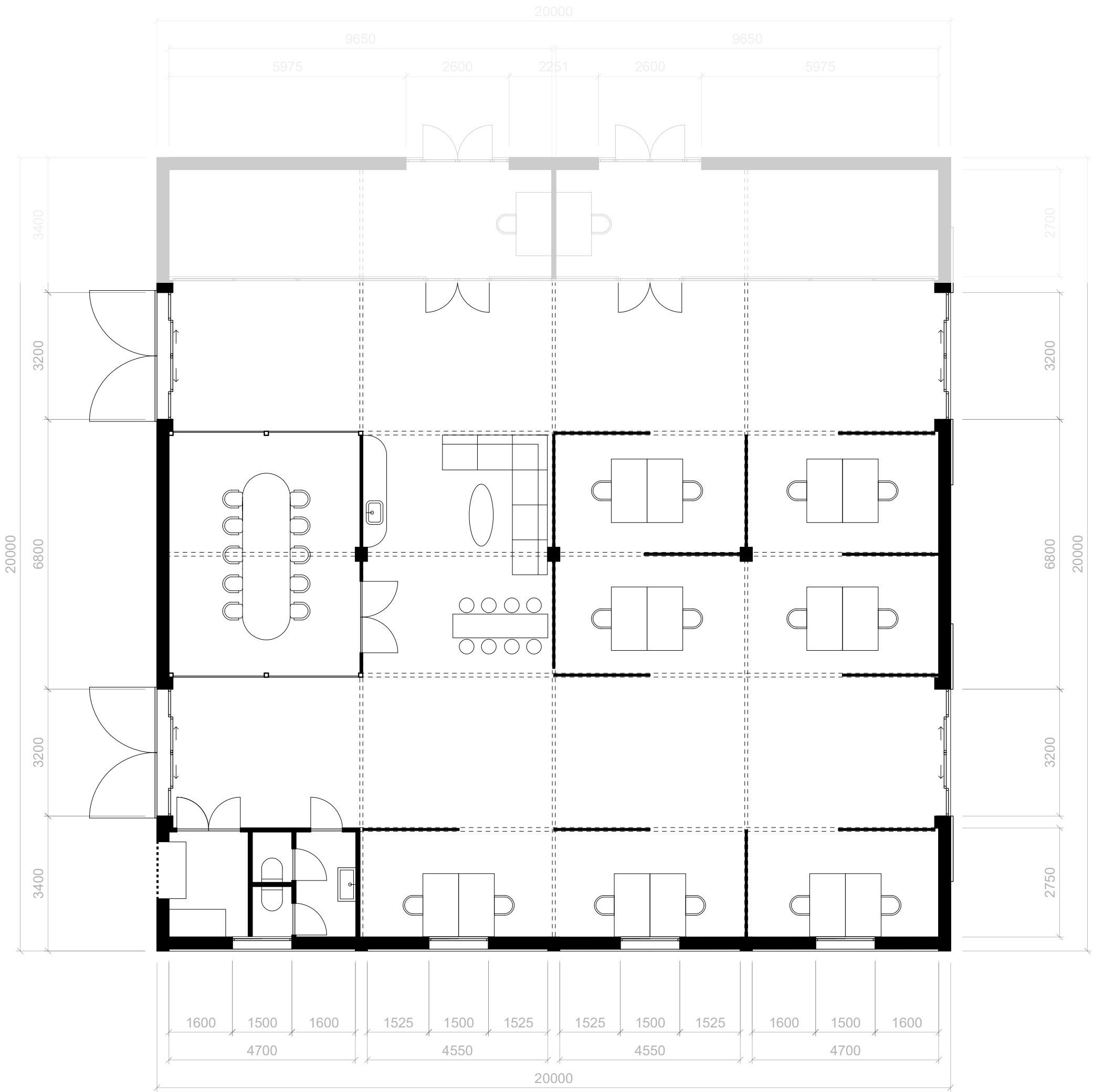
Remove

- Not related
- Keep
- Add
- Remove

ATTRIBUTES

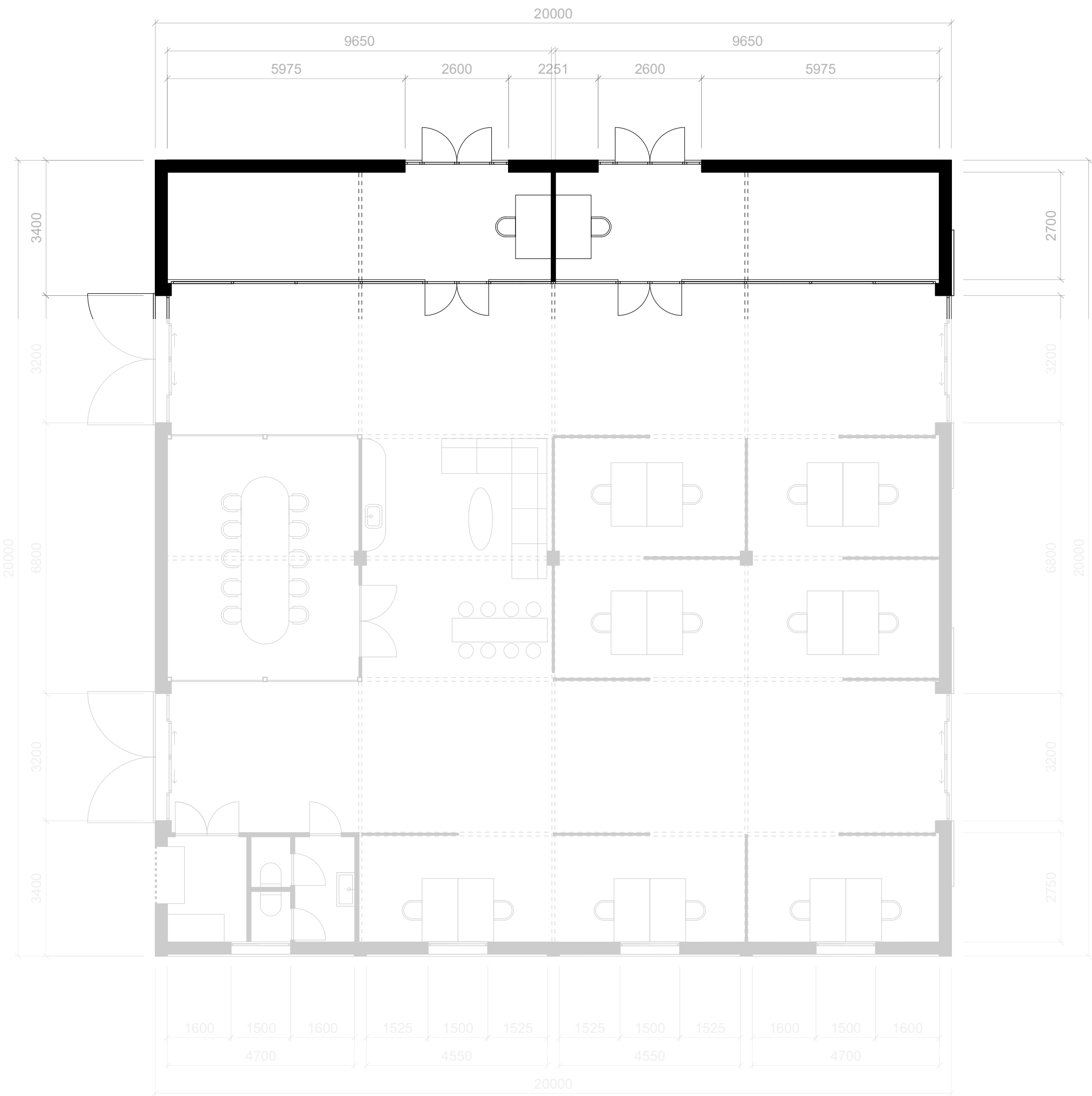
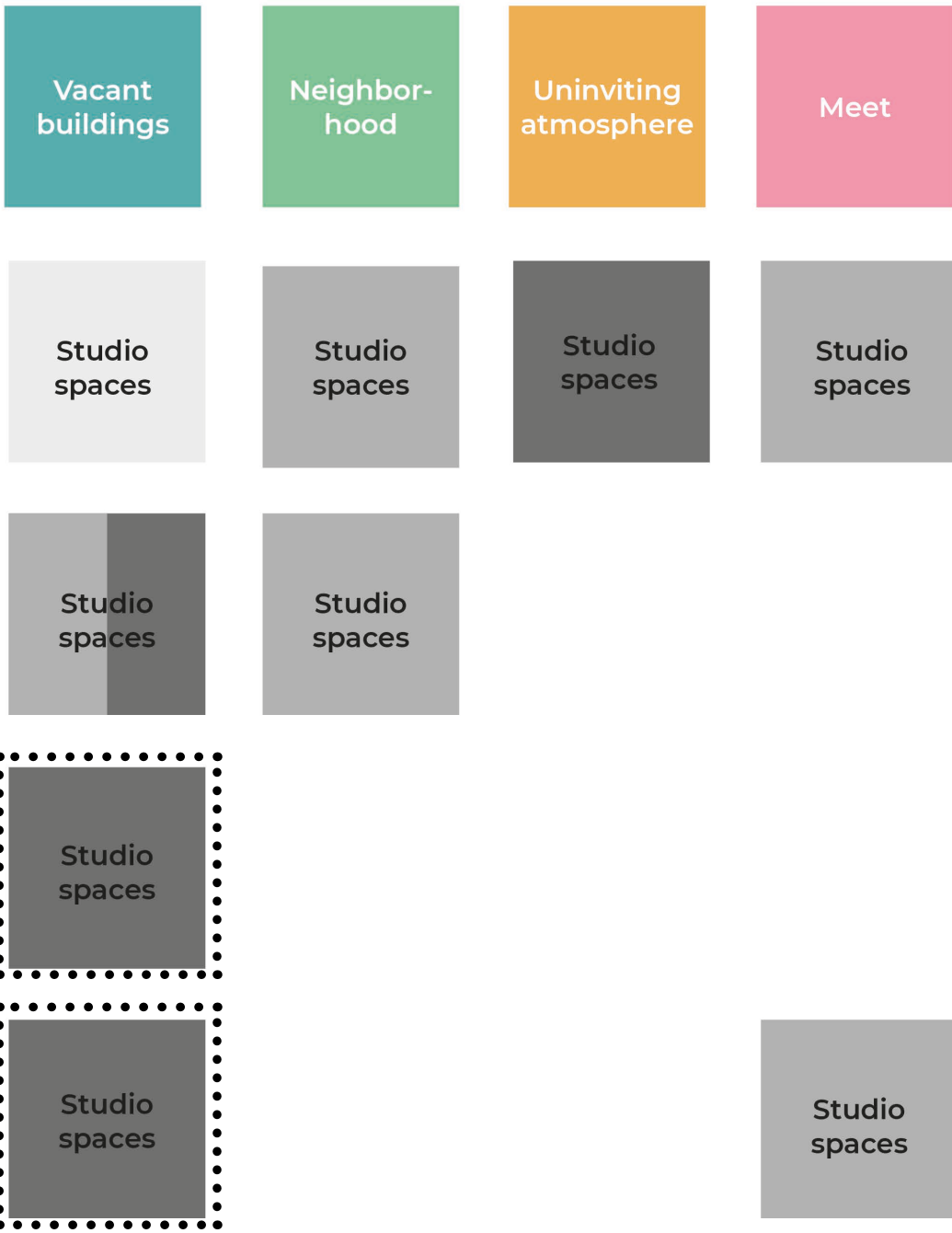
VALUES

	Vacant buildings	Neighborhood	Uninviting atmosphere	Meet
Potential of existing buildings	Flexible office spaces	Flexible office spaces	Flexible office spaces	Flexible office spaces
Accessibility	Flexible office spaces	Flexible office spaces		
Abandoned area	Flexible office spaces	Flexible office spaces	Flexible office spaces	Flexible office spaces



- Not related
- Keep
- Add
- Remove

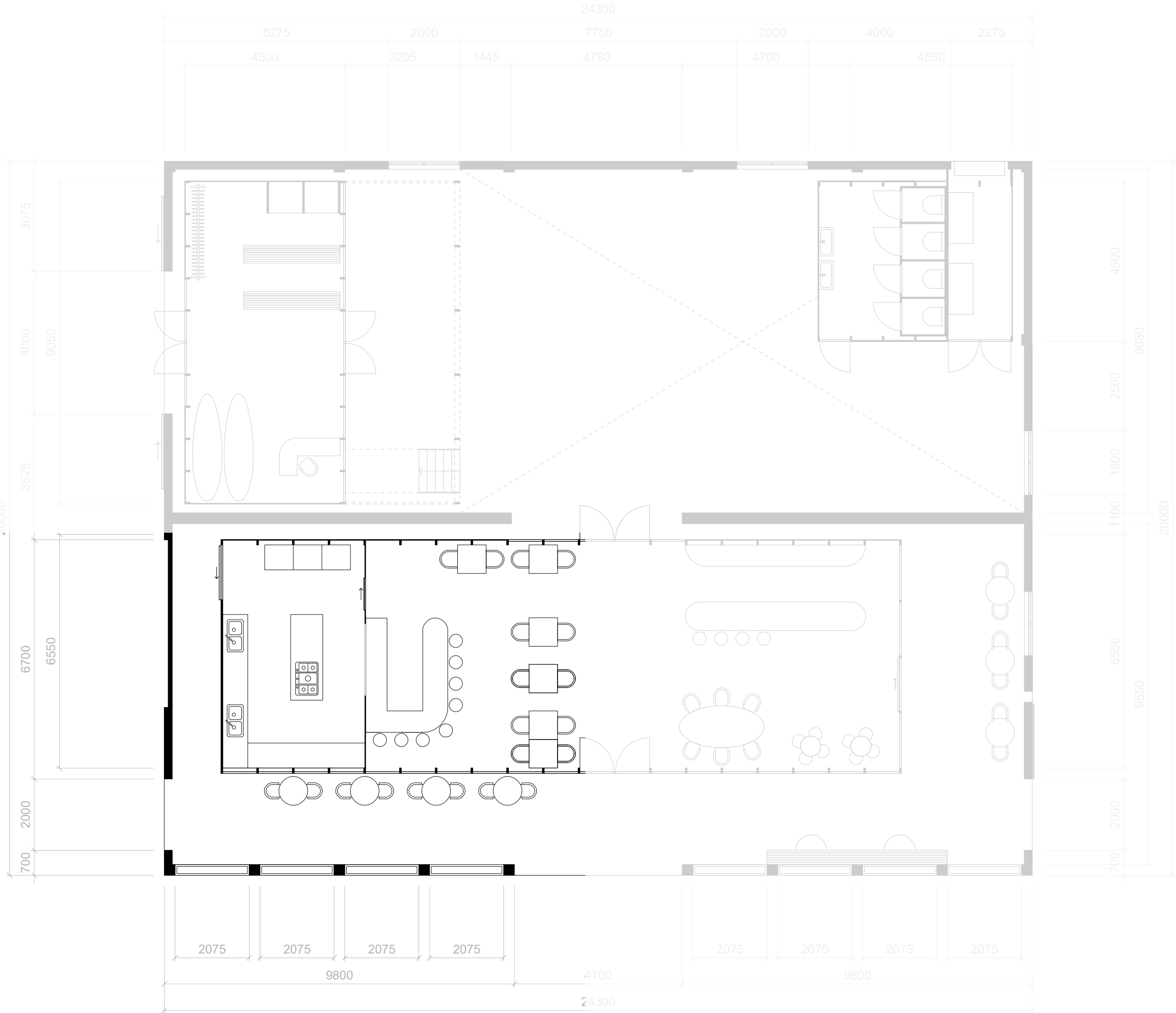
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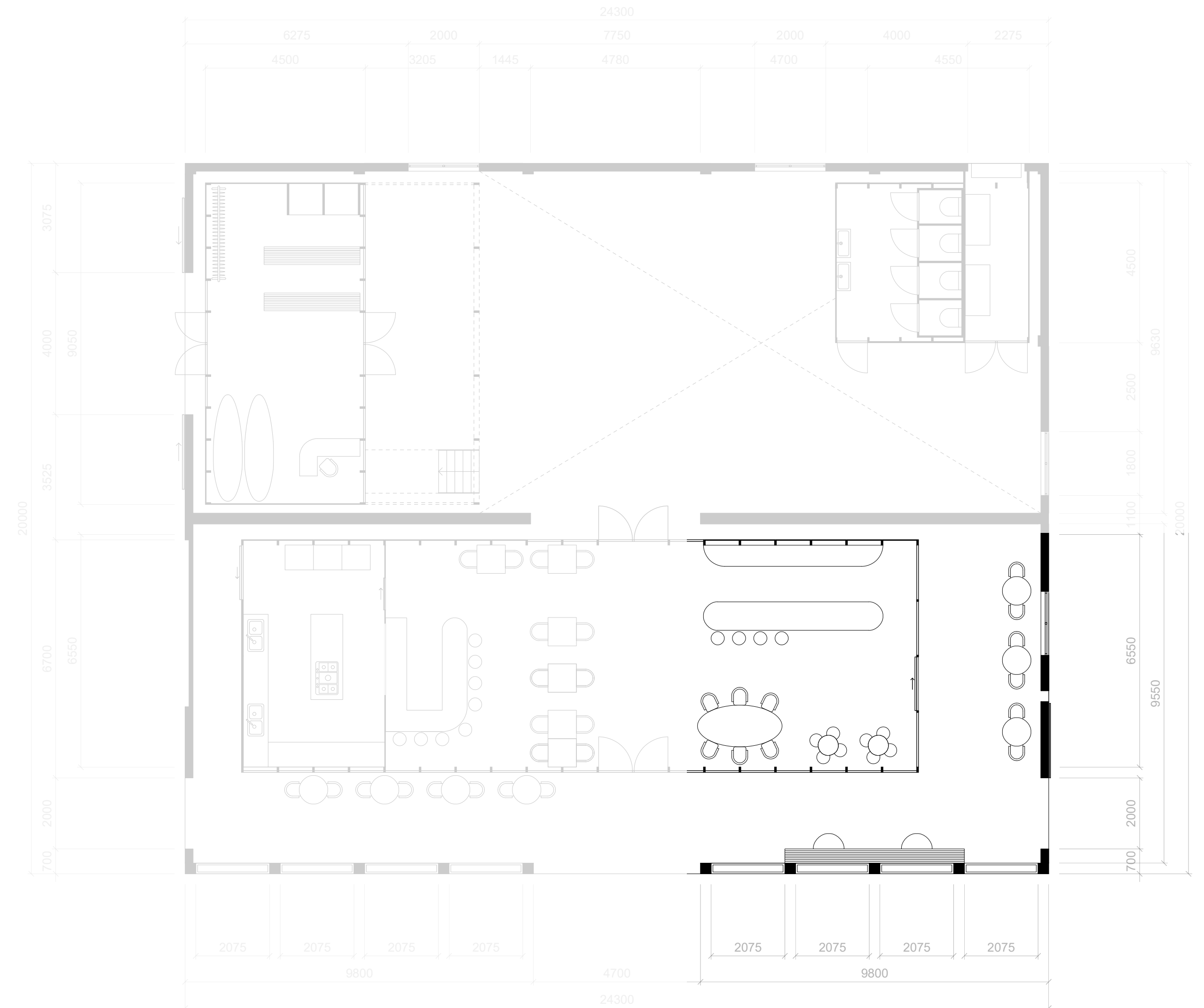
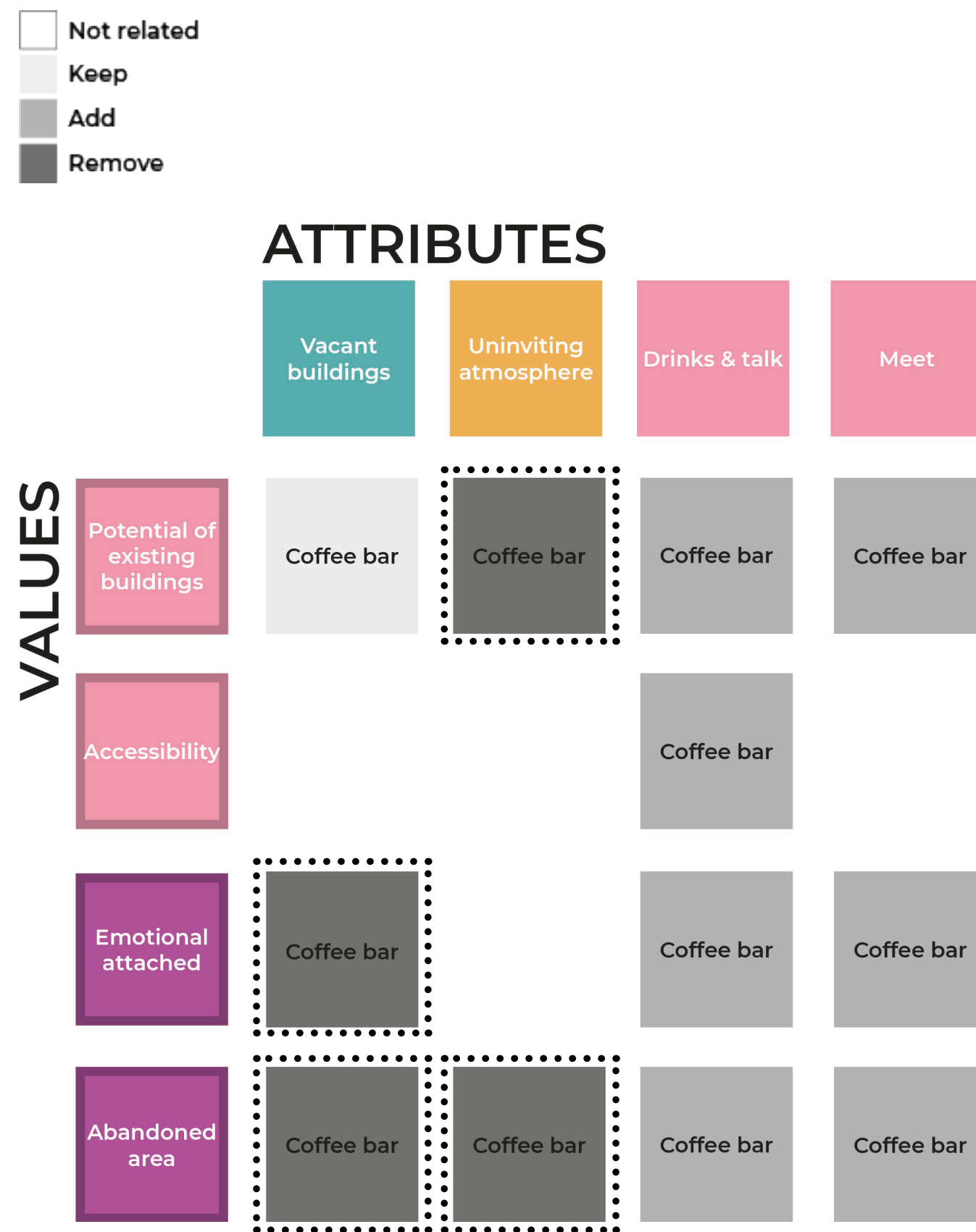


- Not related
- Keep
- Add
- Remove

ATTRIBUTES

Shade	Vacant buildings	Uninviting atmosphere	Drinks & talk	Meet
Potential of existing buildings	Restaurant	Restaurant	Restaurant	Restaurant
Accessibility	Restaurant		Restaurant	
Emotional attached	Restaurant		Restaurant	
Abandoned area	Restaurant		Restaurant	Restaurant

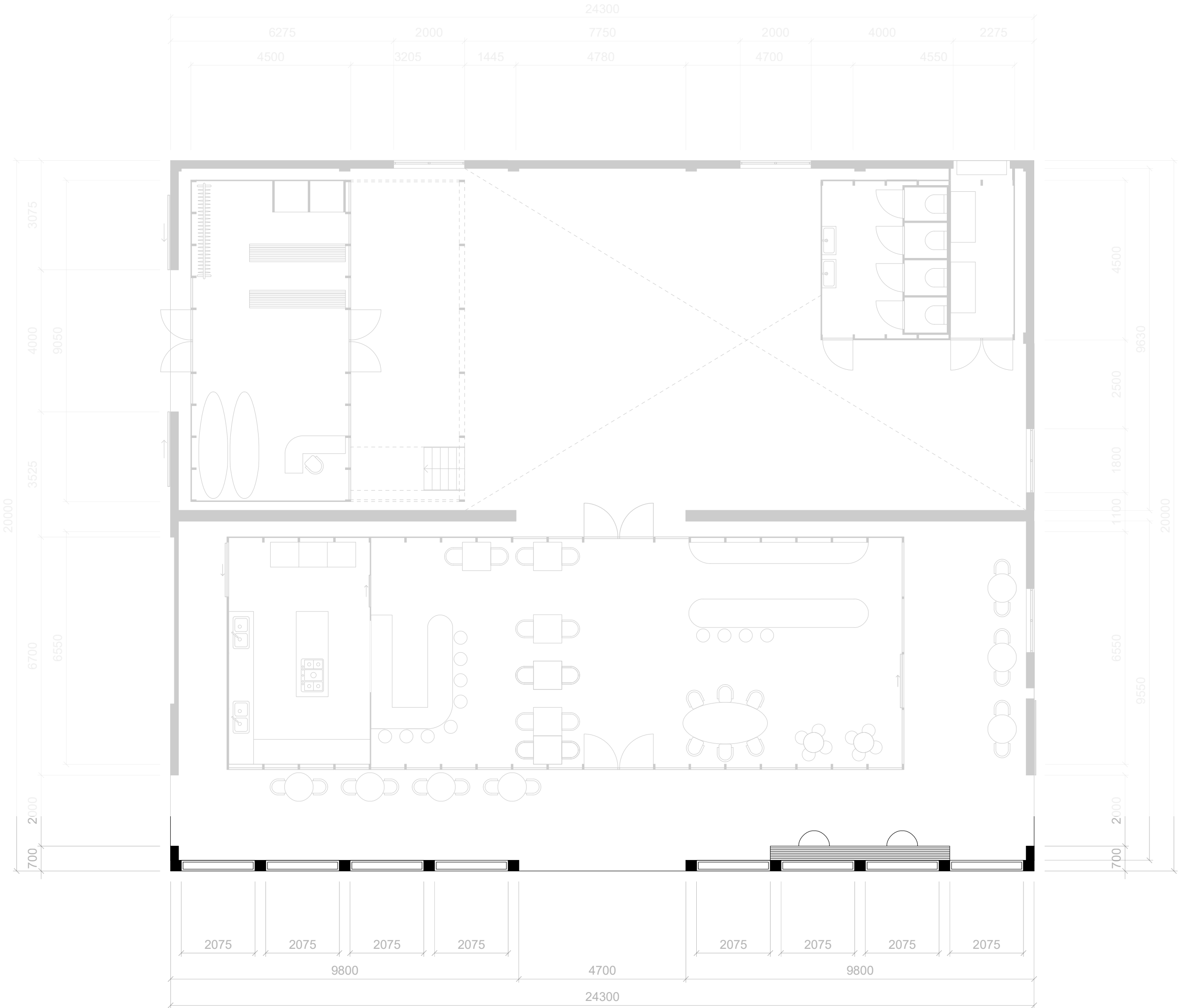




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- Keep
- Add
- Remove

ATTRIBUTES

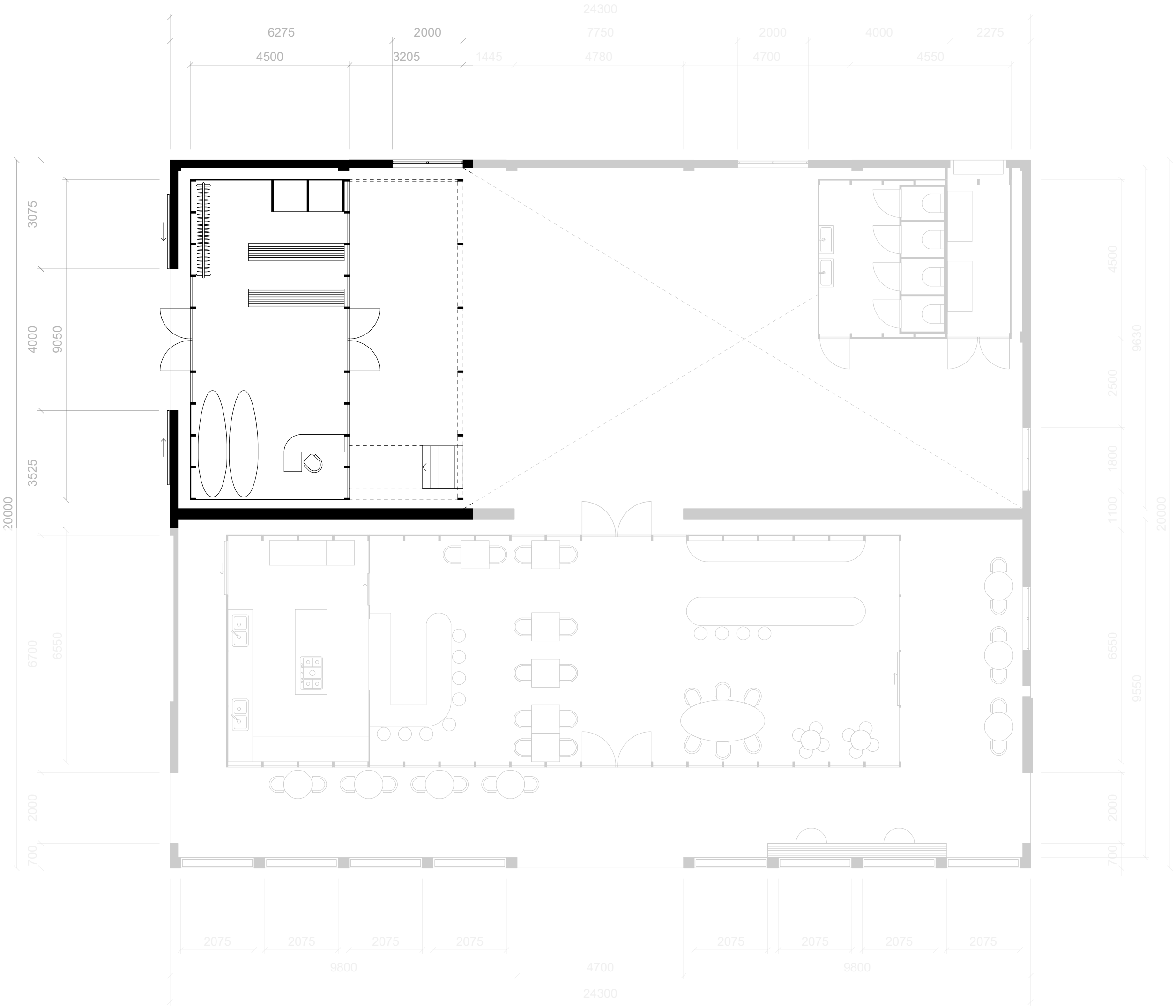
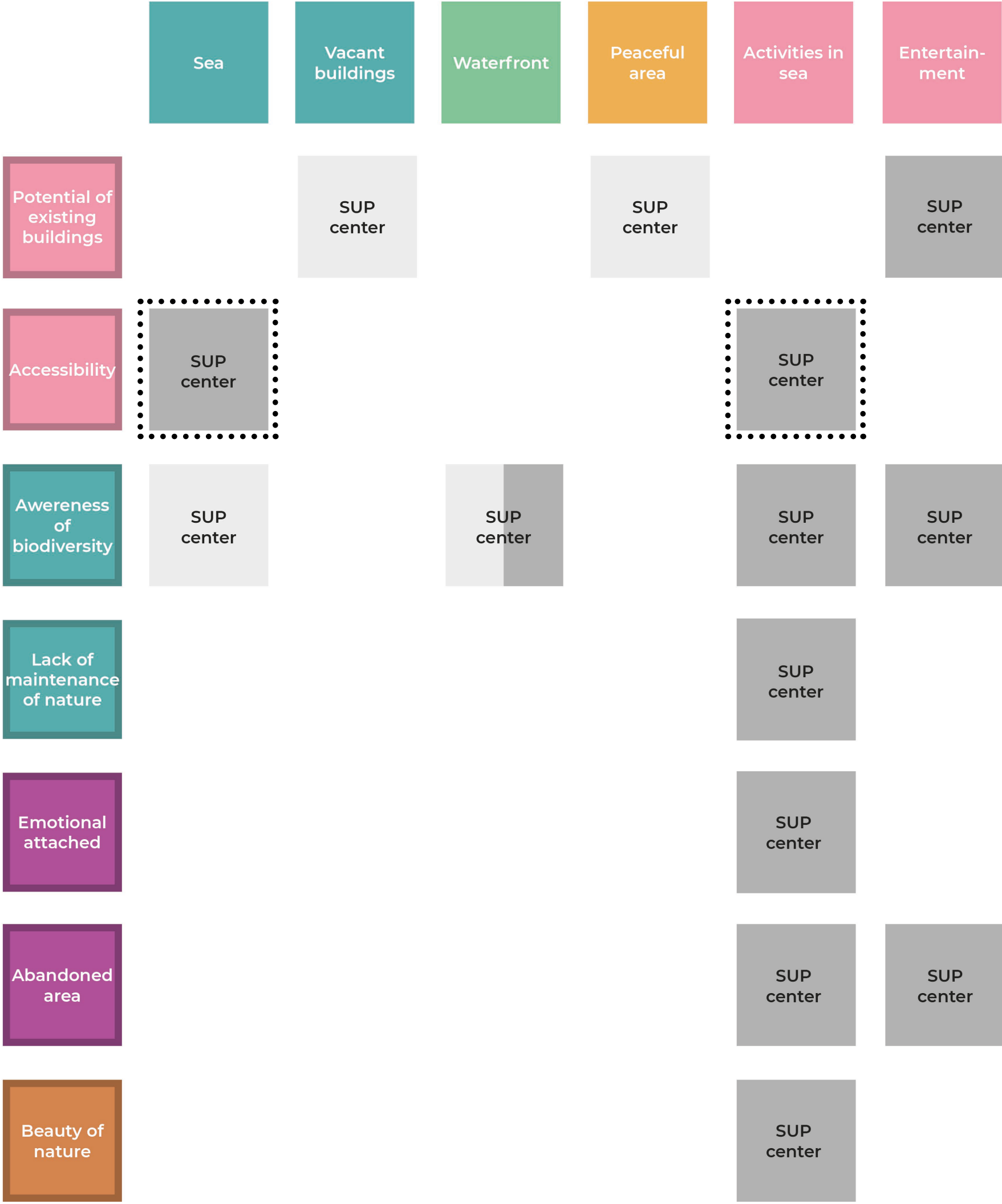
	Plants (bush &flower)	Park	Birds	Shade	Vacant buildings	Green facade	Neighbor- hood
Potential of existing buildings				Vertical gardening		Vertical gardening	
Accessibility						Vertical gardening	Vertical gardening
Awereness of biodiversity	Vertical gardening	Vertical gardening			Vertical gardening	Vertical gardening	Vertical gardening
Lack of maintenance of nature	Vertical gardening	Vertical gardening	Vertical gardening			Vertical gardening	
Emotional attached	Vertical gardening	Vertical gardening					
Abandoned area	Vertical gardening	Vertical gardening	Vertical gardening			Vertical gardening	
Beauty of nature	Vertical gardening	Vertical gardening		Vertical gardening	Vertical gardening	Vertical gardening	

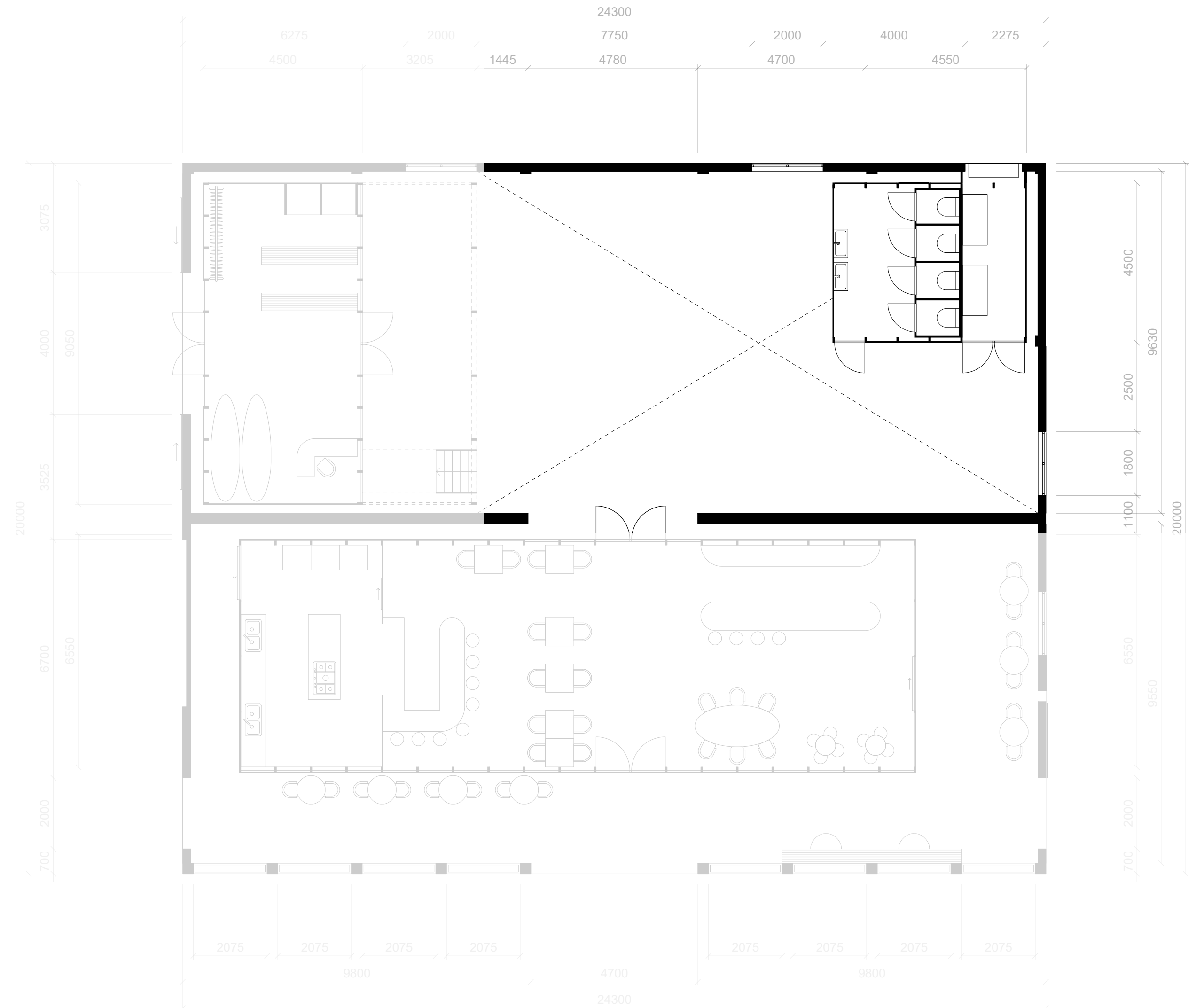
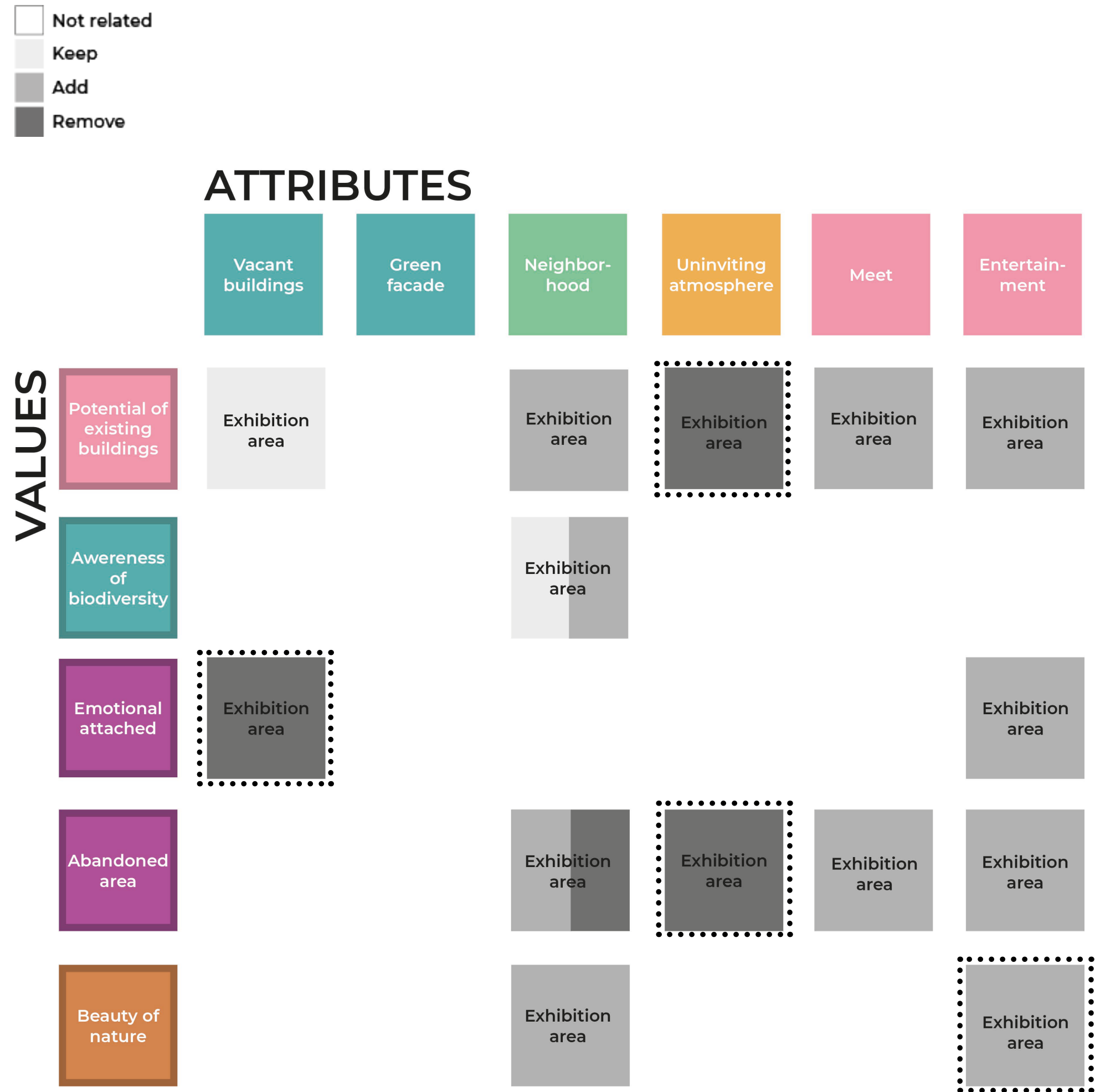


- Not related
- Keep
- Add
- Remove

ATTRIBUTES

VALUES

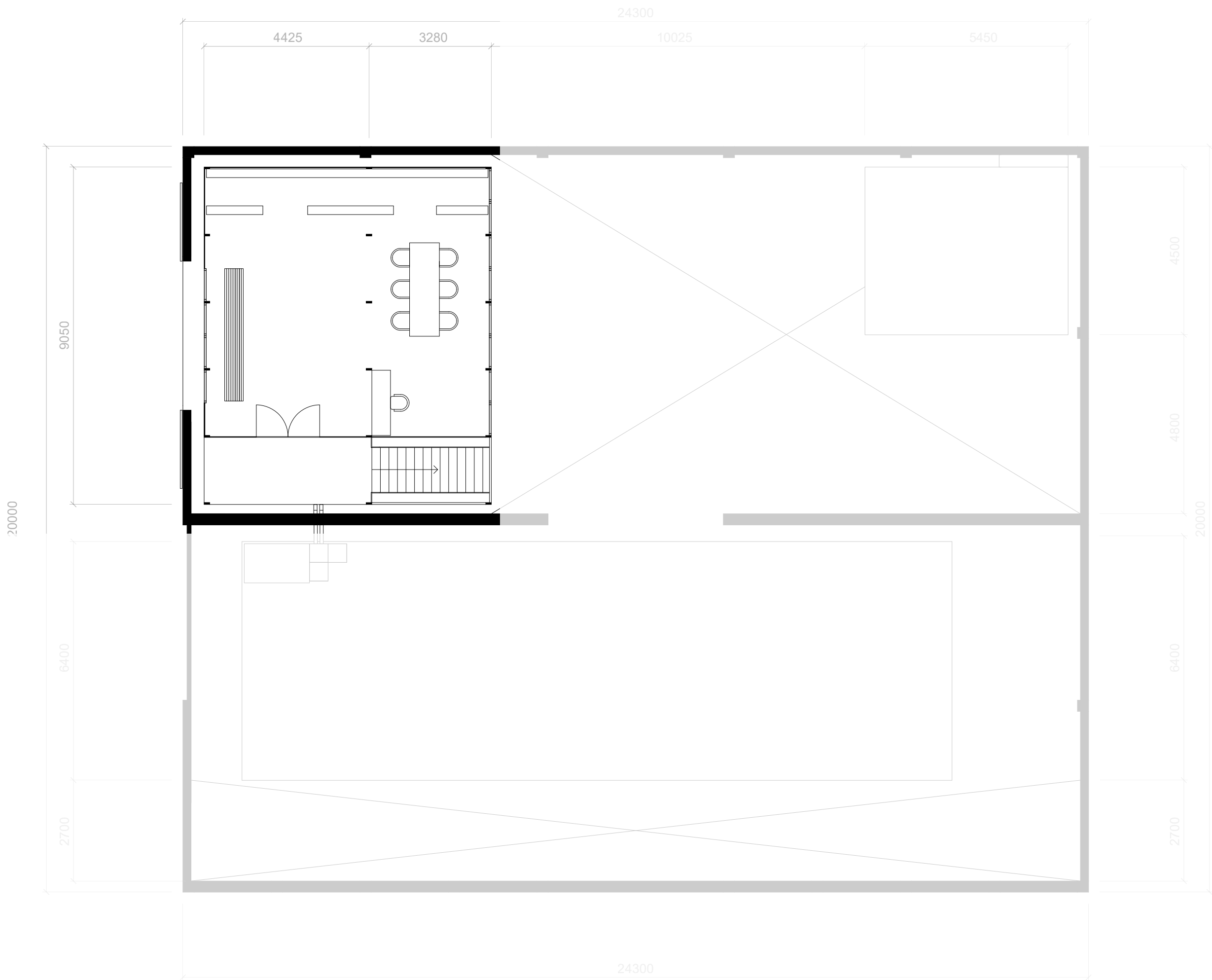




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- Add
- Remove

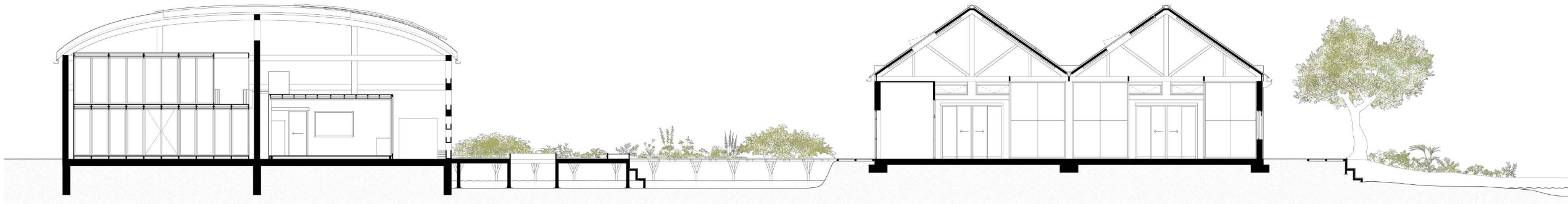
ATTRIBUTES

	Birds	Vacant buildings	Neighbor-hood	Peaceful area	Entertain-ment
Potential of existing buildings	Bird watching			Bird watching	
Awereness of biodiversity	Bird watching	Bird watching	Bird watching		Bird watching
Emotional attached	Bird watching				
Abandoned area					Bird watching
Beauty of nature	Bird watching				



- Not related
- Keep
- Add
- Remove

		ATTRIBUTES													
		Plants (bush & flower)	Trees	Park	Sea	Birds	Other animals	Shade	Street	Neighborhood	Waterfront	Uninviting atmosphere	Peaceful area	Meet	Exercise & dog walk
VALUES	Potential of existing buildings											Green platform	Green platform	Green platform	
	Accessibility			Green platform	Green platform				Green platform	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform
	Awareness of biodiversity	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform			Green platform	Green platform		Green platform		Green platform
	Lack of maintenance of nature	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform			Green platform	Green platform	Green platform	Green platform		
	Emotional attached	Green platform	Green platform	Green platform	Green platform					Green platform	Green platform		Green platform	Green platform	Green platform
	Abandoned area	Green platform	Green platform	Green platform		Green platform	Green platform		Green platform	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform
	Beauty of nature	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform		Green platform	Green platform	Green platform	Green platform	Green platform	Green platform	Green platform

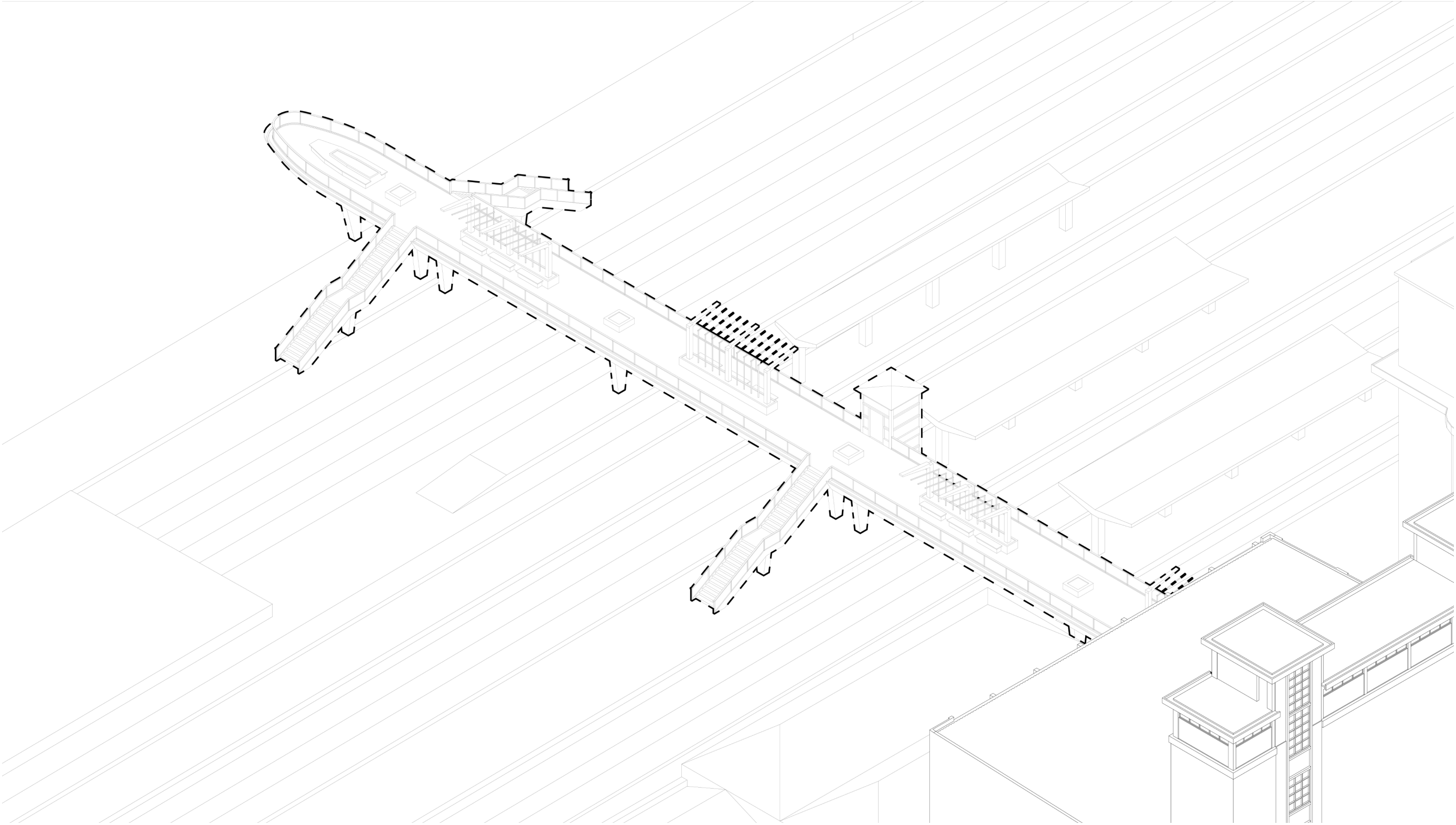


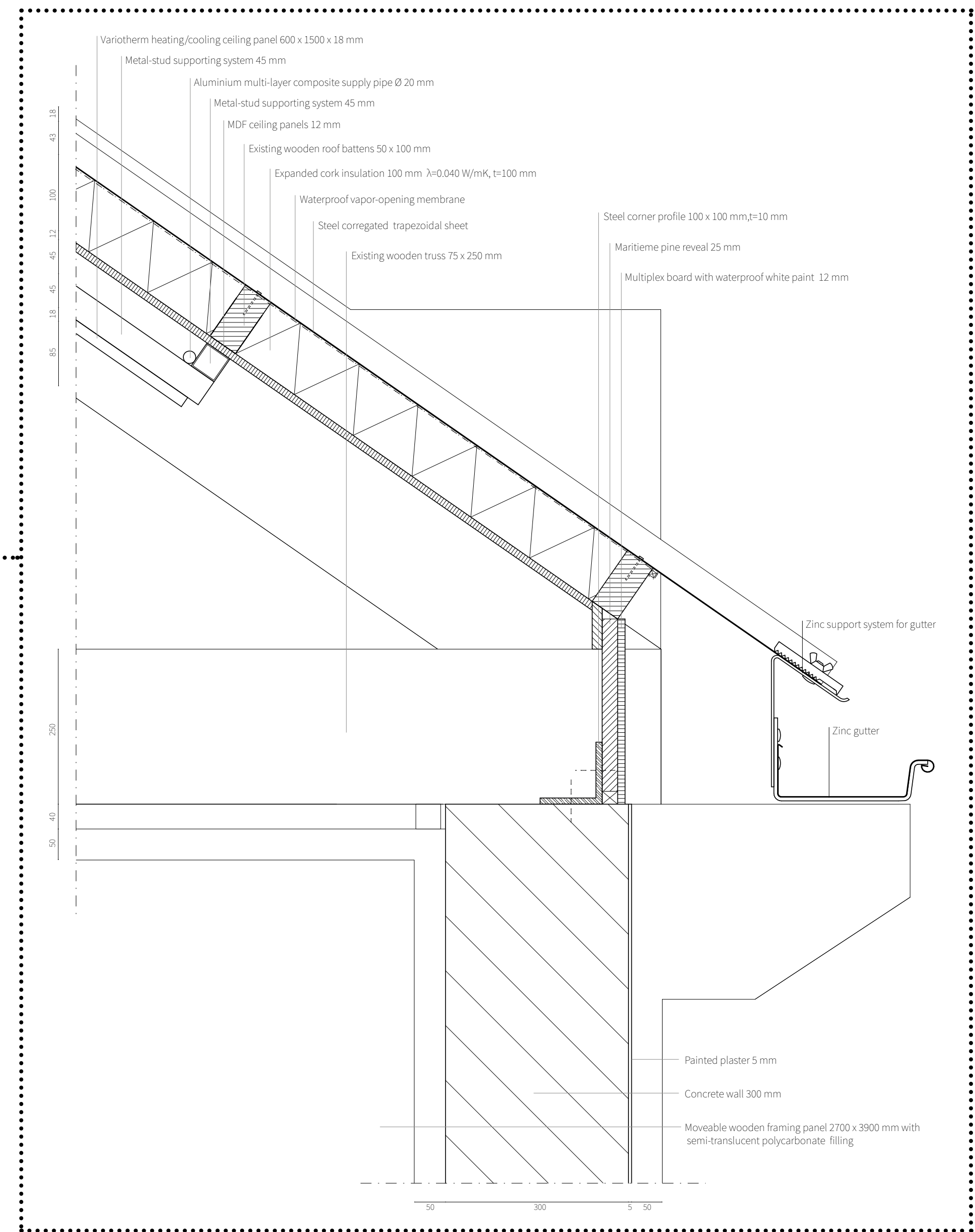
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- Keep
- Add
- Remove

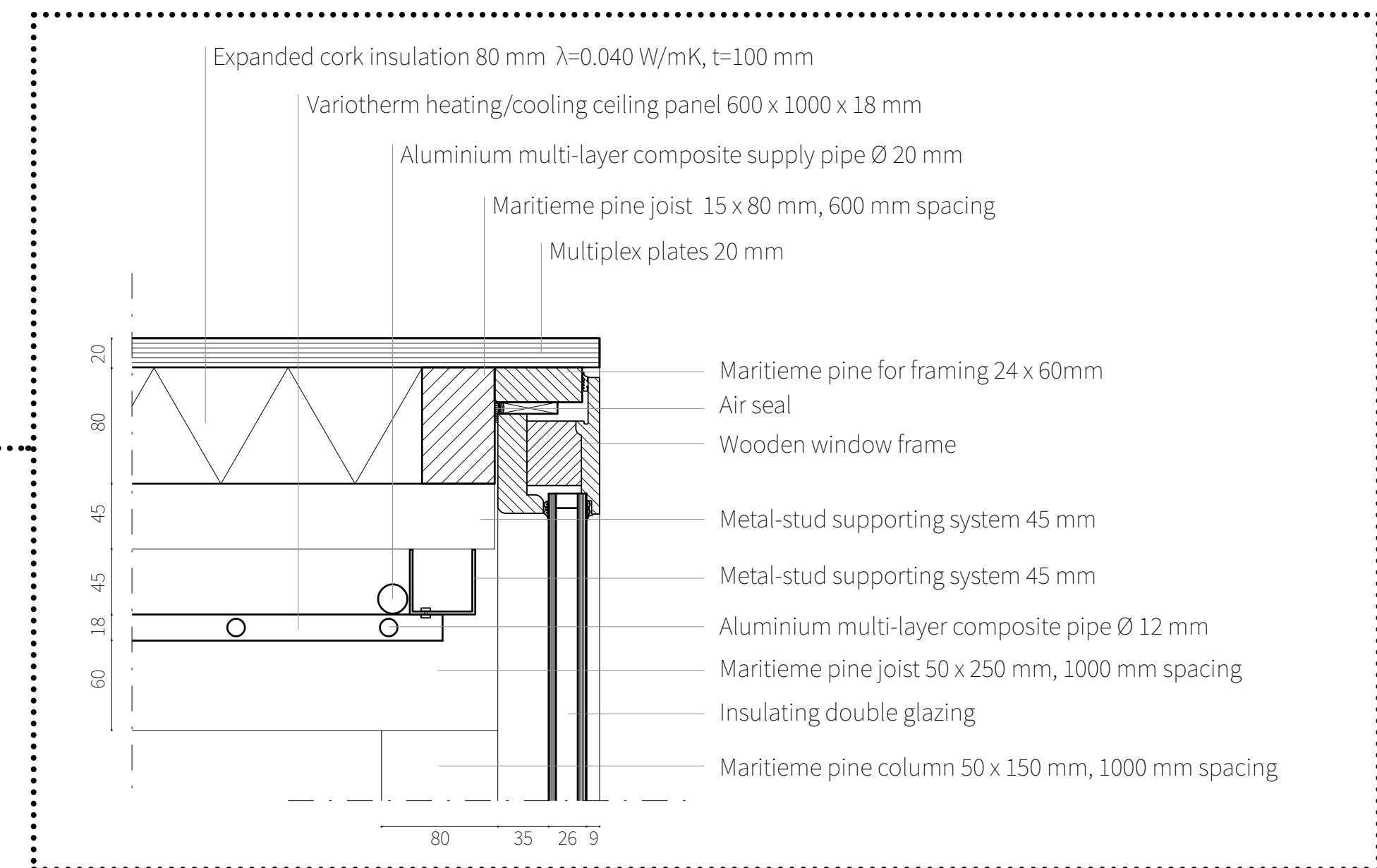
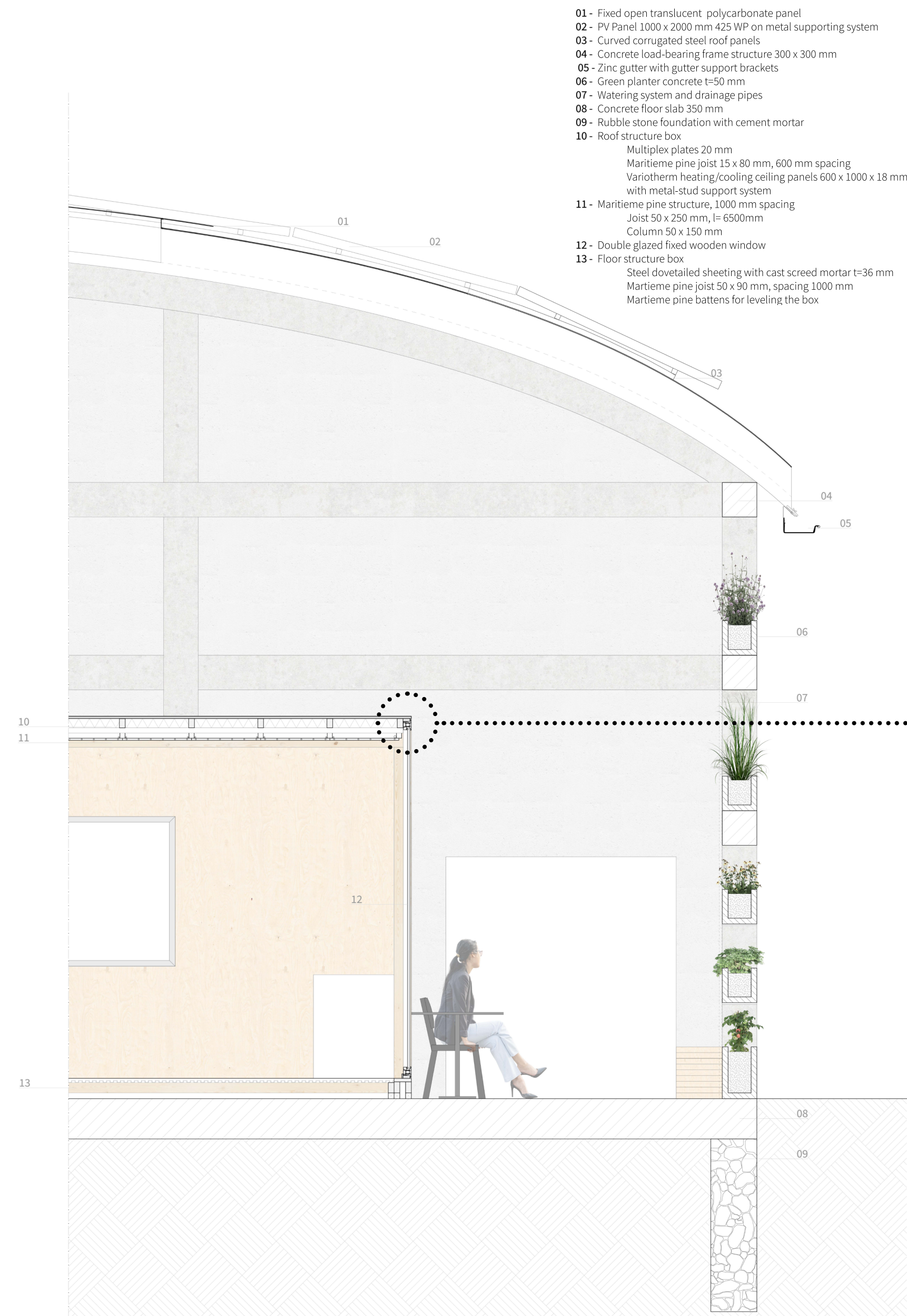
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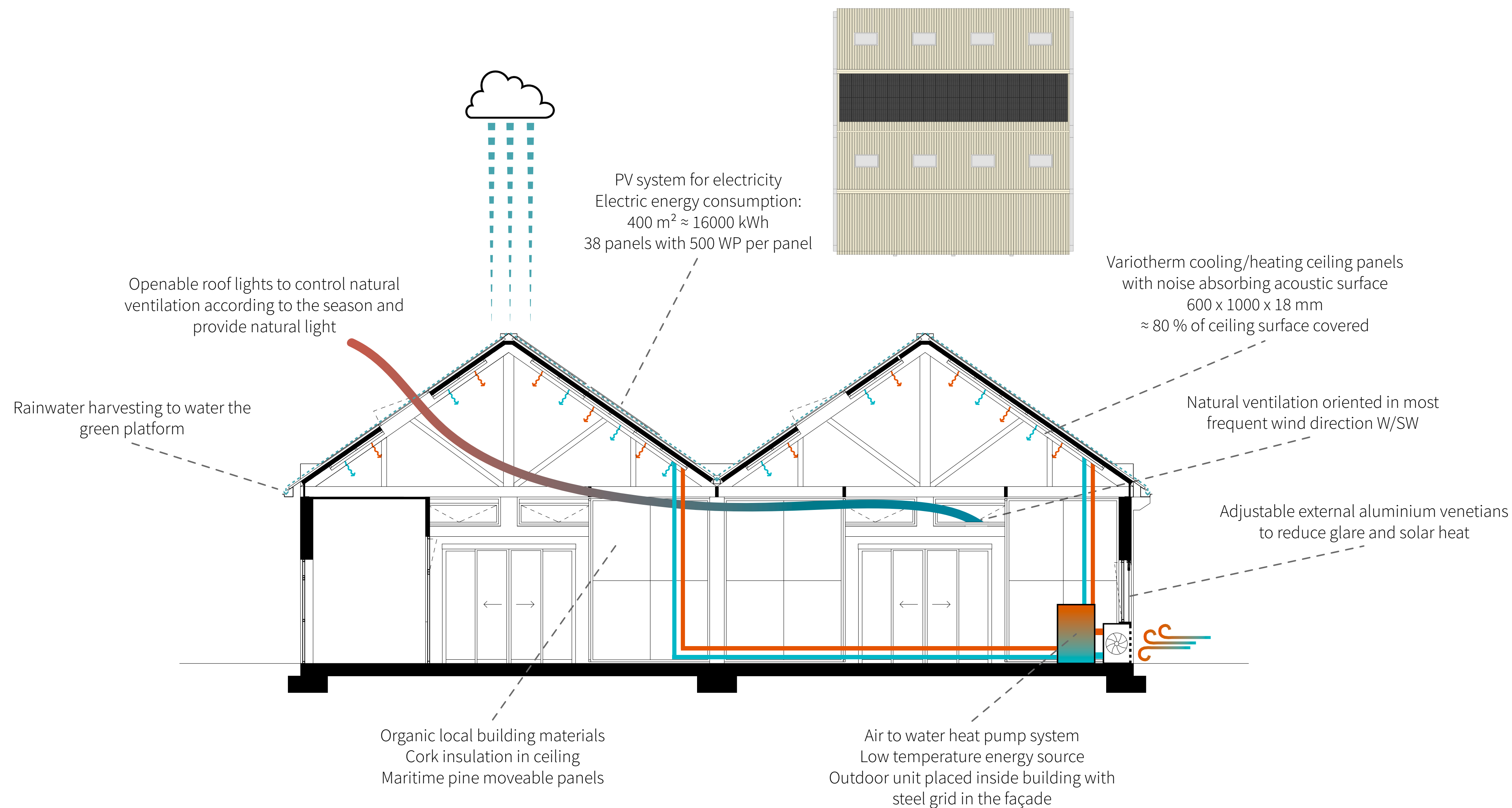
VALUES

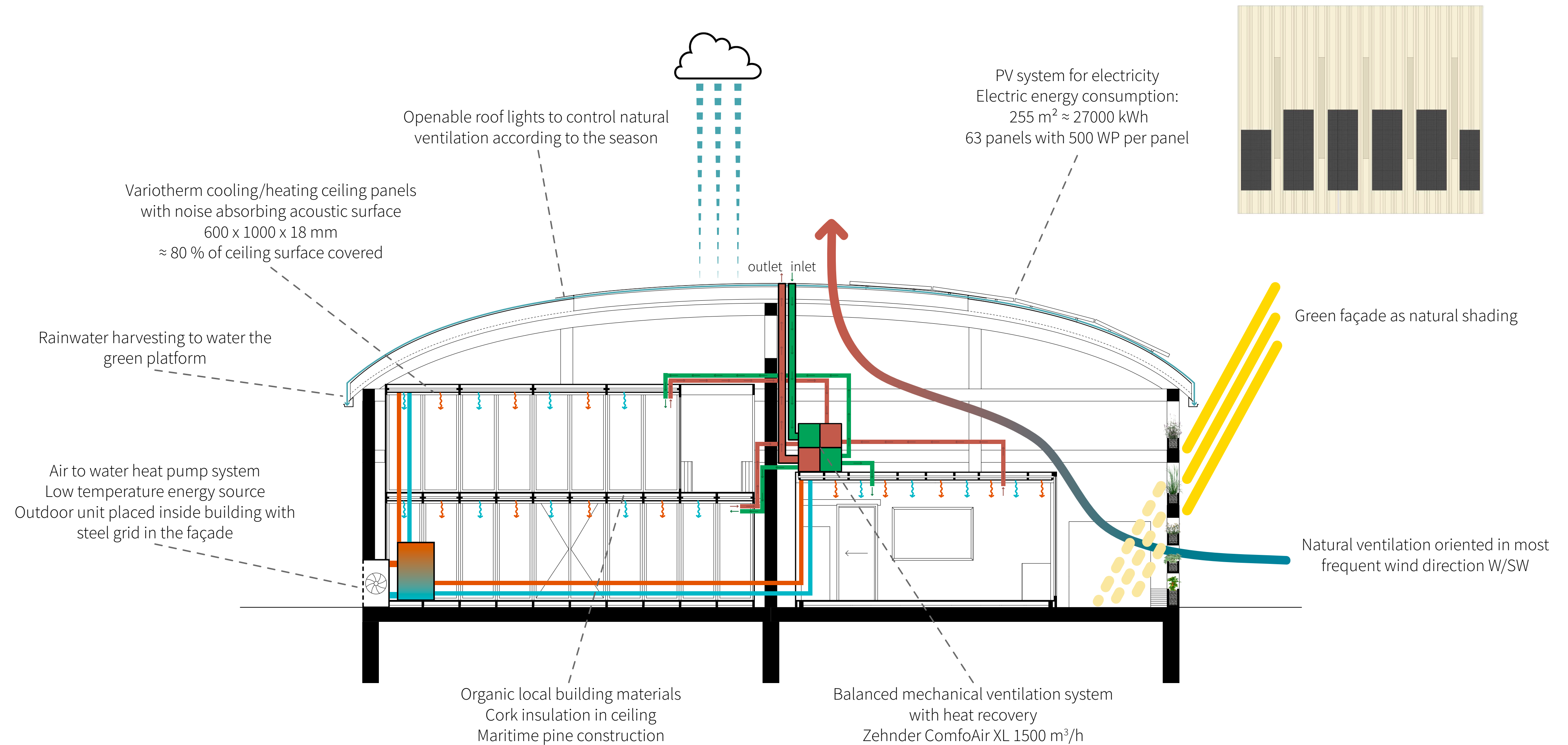
	Plants (bush &flower)	Park	Street	Neighbor- hood	Waterfront	Uninviting atmosphere	Meet	Exercise & dog walk
Accessibility			Bridge		Bridge	Bridge	Bridge	Bridge
Awereness of biodiversity		Bridge	Bridge					
Lack of maintenance of nature		Bridge	Bridge					
Emotional attached				Bridge				
Abandoned area			Bridge	Bridge		Bridge		
Beauty of nature			Bridge	Bridge				



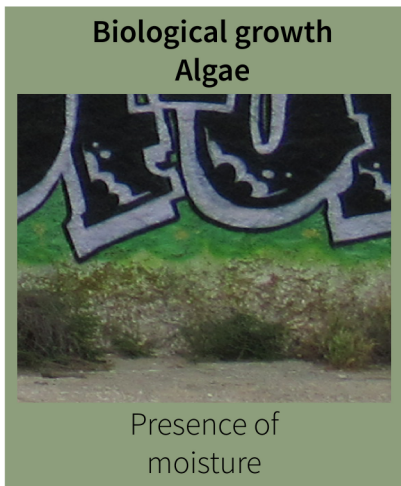








Aesthetical



Intervention

Cover with hydraulic lime plaster

Remove algae by the use of steam cleaning.

Remove current plaster

Remove dirt with dry abrasive cleaning

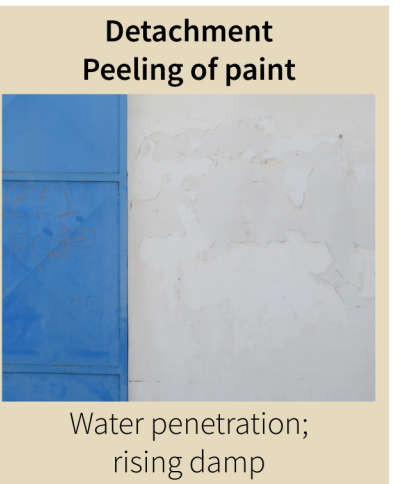
Durable solution

Add water repellent layer to prevent moisture

Cover with better plaster

Add new plaster

Ethical

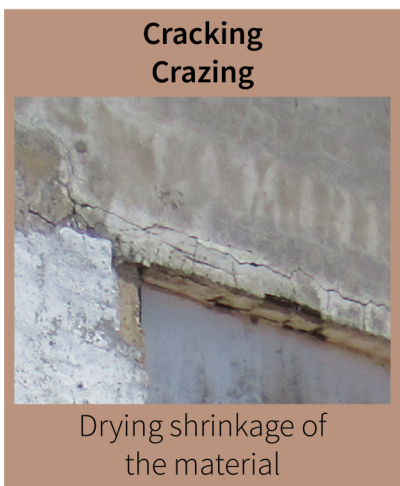
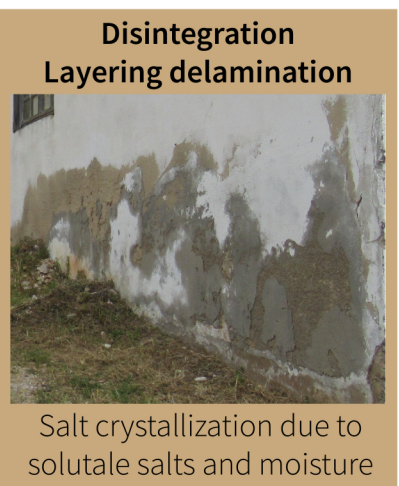
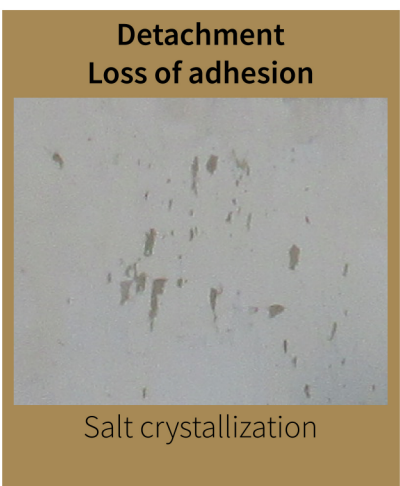
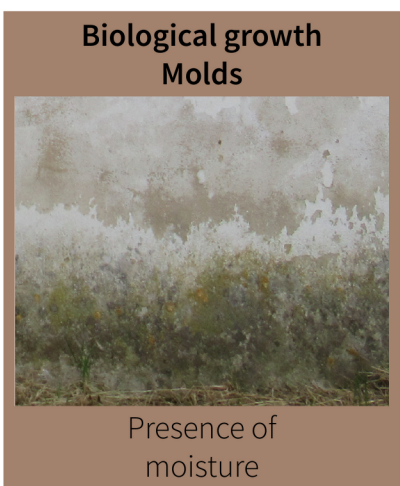
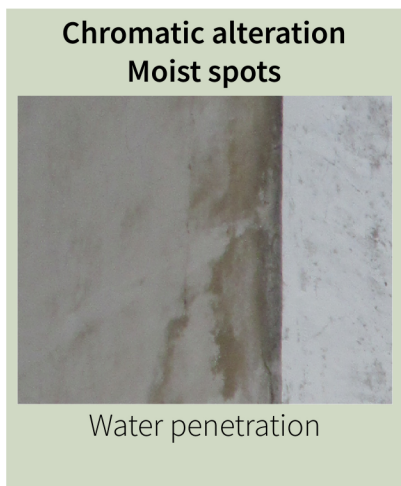
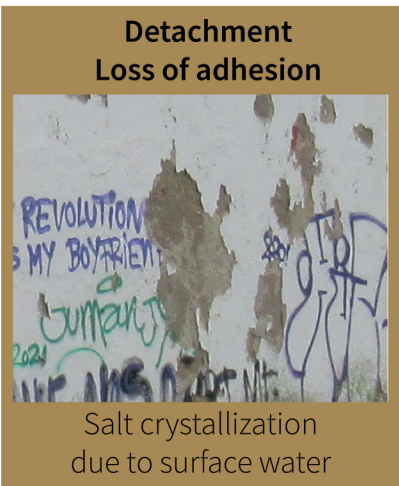


Intervention

No intervention to maintain original façade

No intervention to maintain original façade

Technical



Intervention

Hydraulic lime water repellent plaster

Hydraulic lime water repellent plaster

Salt accumulating water repellent plaster

Remove algae by the use of steam cleaning.

Salt accumulating water repellent plaster

Salt accumulating water repellent plaster

Remove current plaster

Durable solution

Prevent dripping rain water with gutter

Prevent dripping rain water with gutter

Prevent dripping rain water with gutter

Add water repellent layer to prevent moisture

Prevent splashing sea water with green platform

Prevent splashing sea water with green platform

Cover with better plaster

Source: <https://mdcs.monumentenkenis.nl/wiki>



Capture Nature