

## Heritage Policy based Rehabilitation Scenarios

Limits of Acceptable Change of Heritage Housing in São Luís, Faro

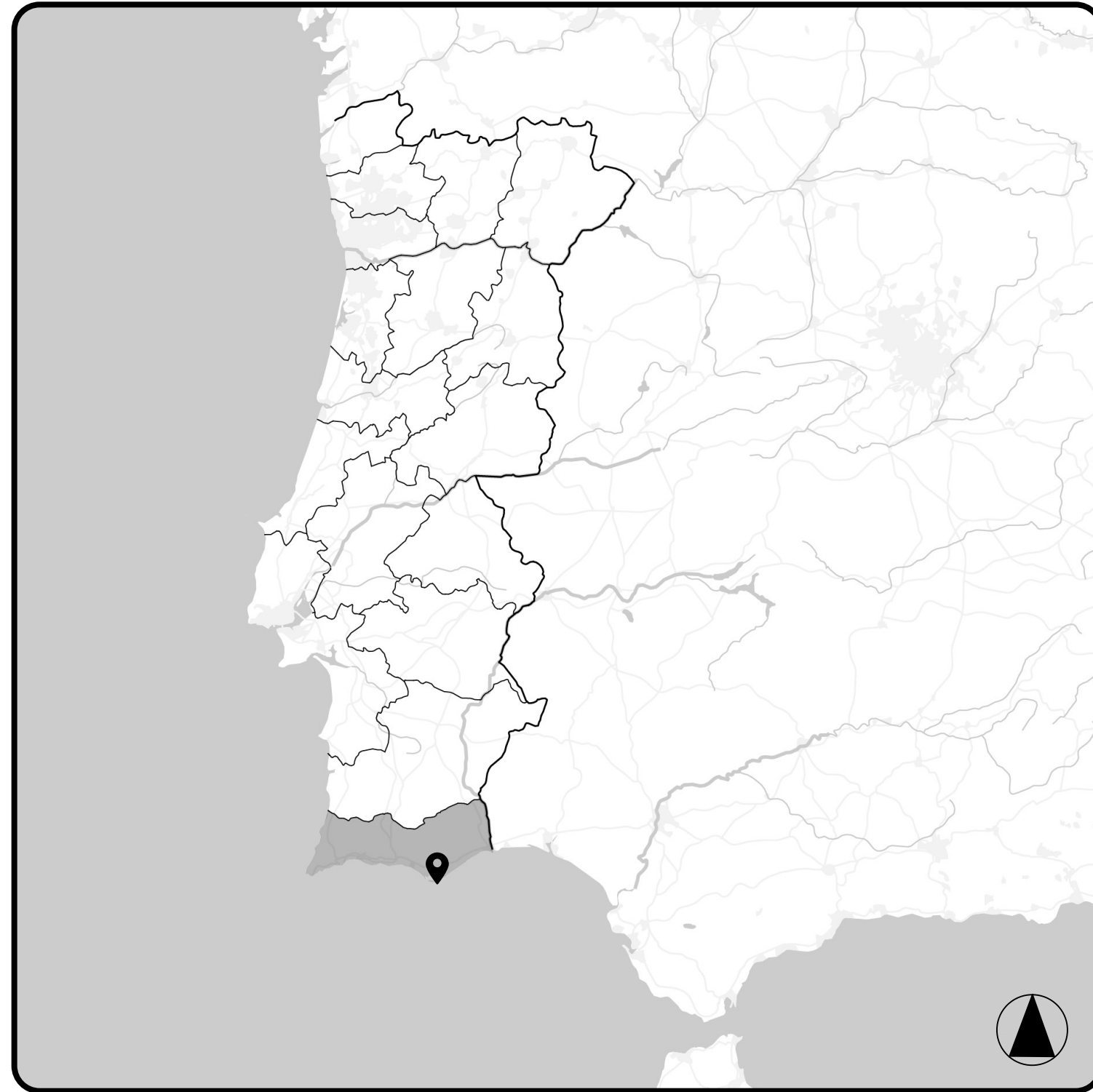
**PART 1 INTRODUCTION**

**PART 2 RESEARCH**

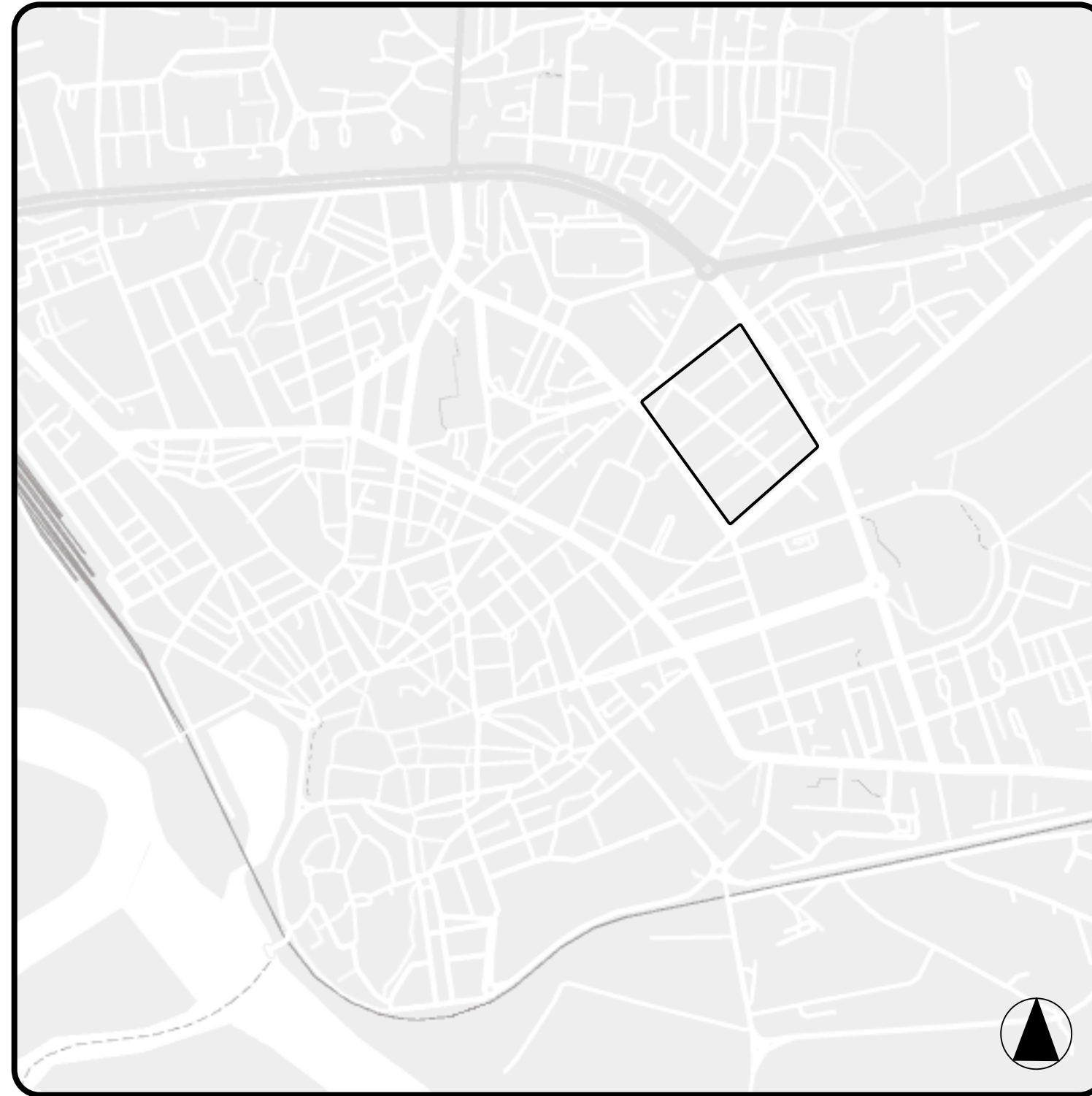
**PART 3 DESIGN**

**PART 4 REFLECTION**

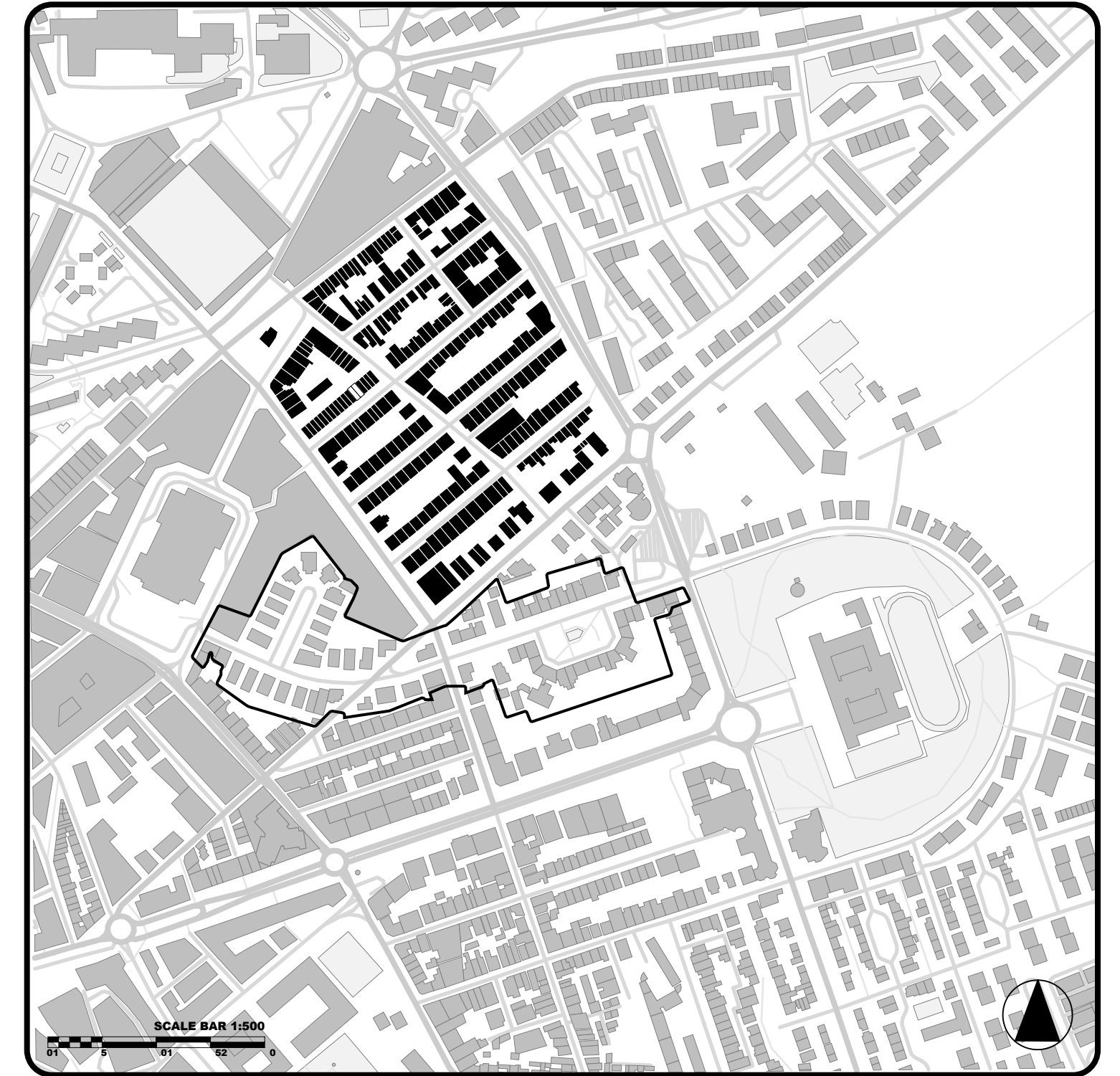
Algarve



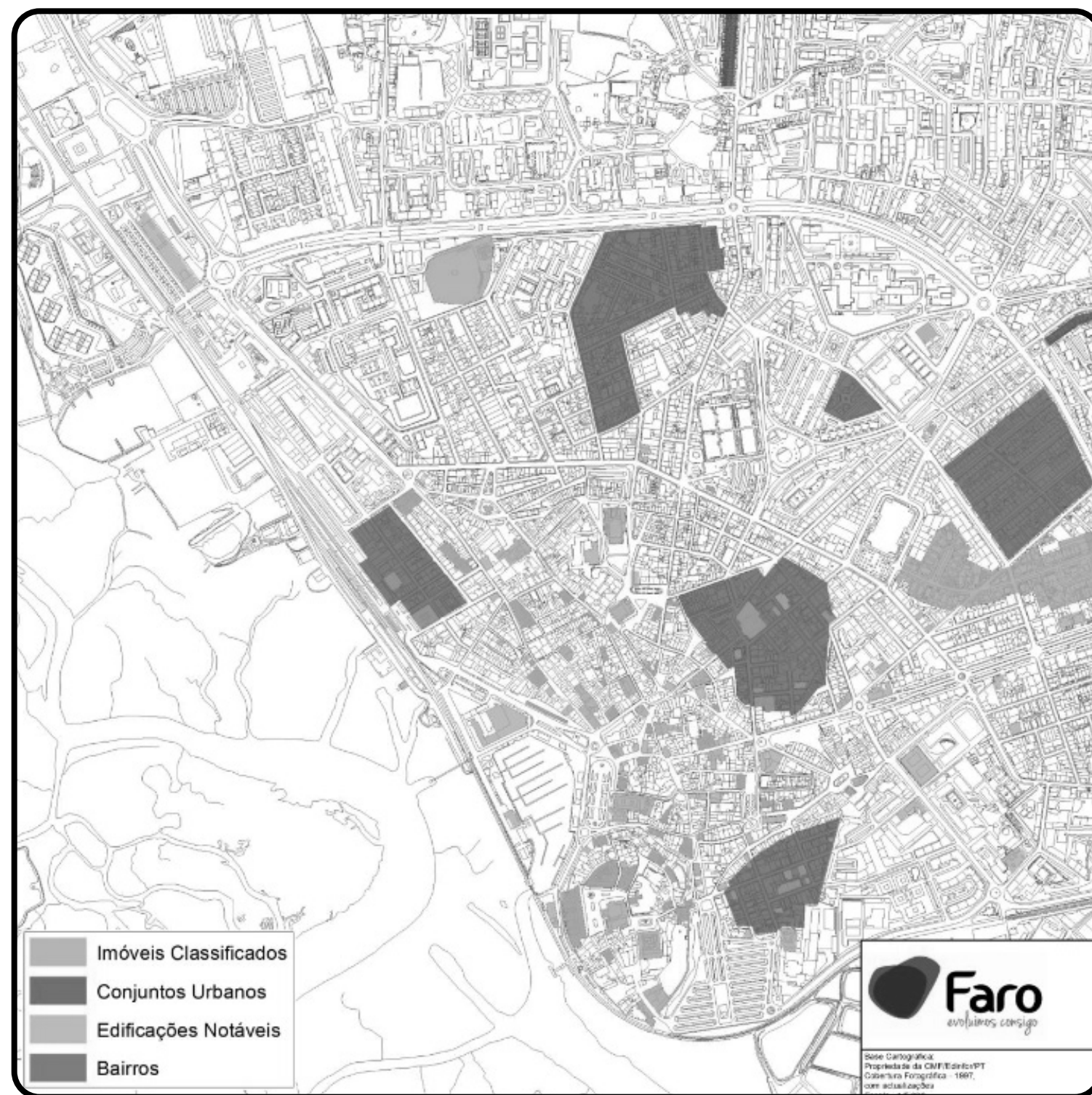
Faro



São Luís



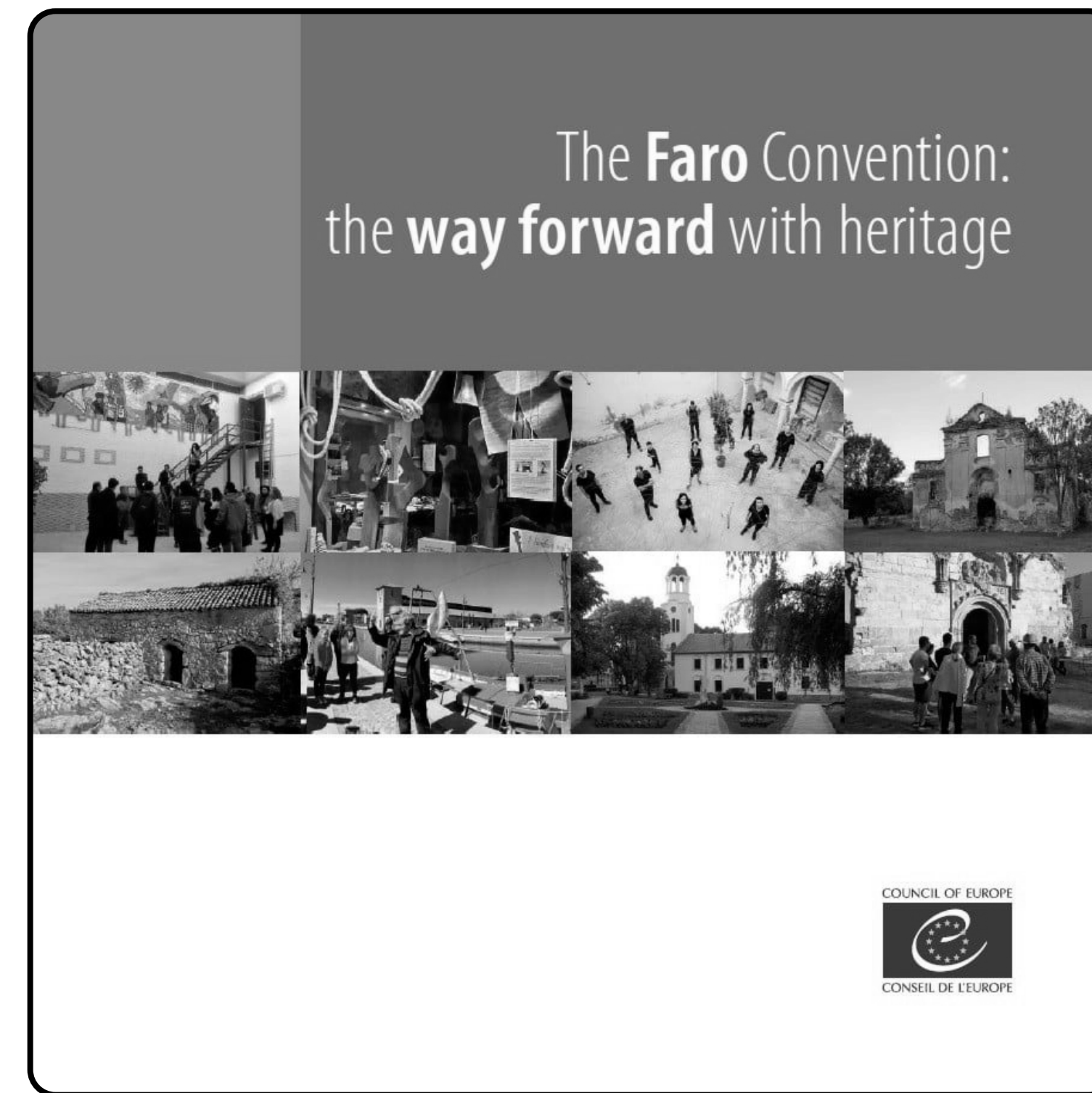
### Faro's Areas of Interest



### Faro Convention



### Faro's Areas of Interest

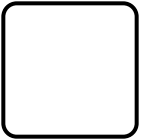


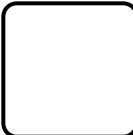
Roders, Interactive presentation, 2020

Lugar do Plano, "Revisão do Plano Director Municipal de Faro." 2021

MSc3 Revitalising Heritage: Faro Convention Labs, 2022

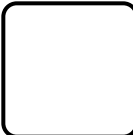
Council of Europe Framework Convention on the Value of Cultural Heritage for Society, 2005





THEORETICAL FRAMEWORK FOR LIMITS  
OF ACCEPTABLE CHANGE

THEORETICAL FRAMEWORK FROM VELDPAUS



**WHICH**  
LIMITS OF  
ACCEPTABLE CHANGE







**WHY**  
VALUES

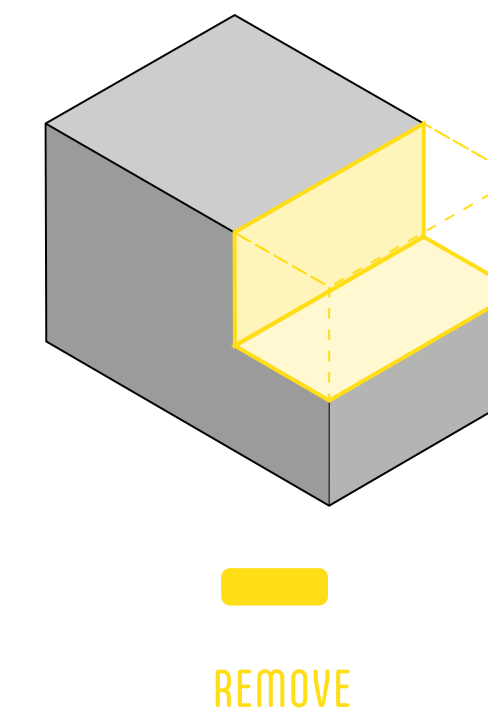
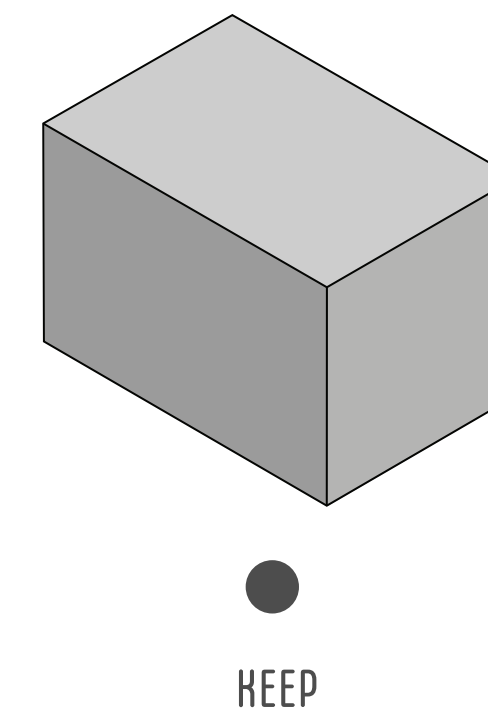
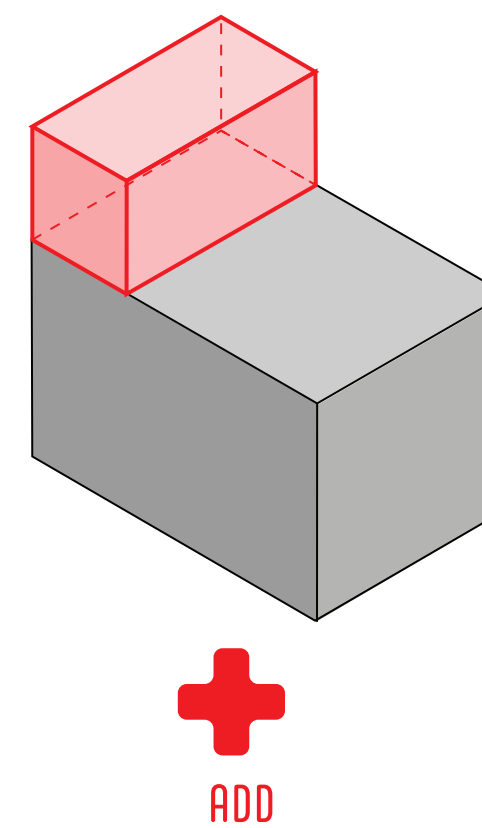
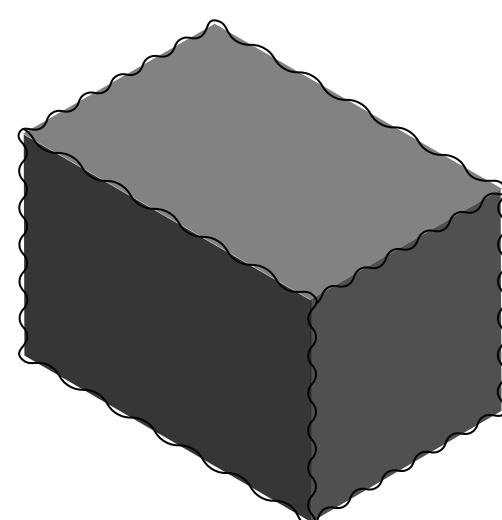
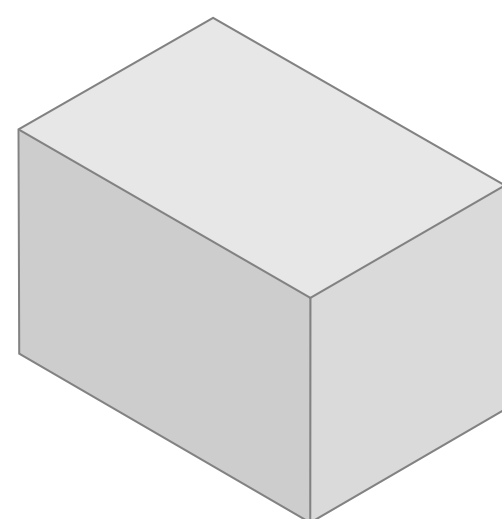
**WHAT**  
ATTRIBUTES

**WHO**  
STAKEHOLDERS

**HOW**  
PROCESS

**WHICH**  
LIMITS OF  
ACCEPTABLE CHANGE

 ADD	 KEEP	 REMOVE	
			 IDENTITY
			 SIMILARITY
			 DIFFERENCE



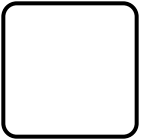
David Cole and Stephen McCool, "Limits of Acceptable Change and Natural Resources Planning: When is LAC Useful, When is it Not?," (01/011997).

Ana Pereira Roders, "Re-architecture : lifespan rehabilitation of built heritage" (PhD Technical University of Eindhoven, 2007), <https://doi.org/10.6100/IR631784>.

Turner, Tom. City as Landscape. London: E & FN Spon, 1996.

Turner, Tom. Landscape Planning and Environmental Impact Design. The Natural and Built Environment Series. Edited by Tom Editor. London: UCL Press Limited, 1998.





**WHICH**  
LIMITS OF  
ACCEPTABLE CHANGE



ADD



KEEP



REMOVE



IDENTITY



SIMILARITY



DIFFERENCE

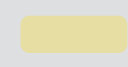
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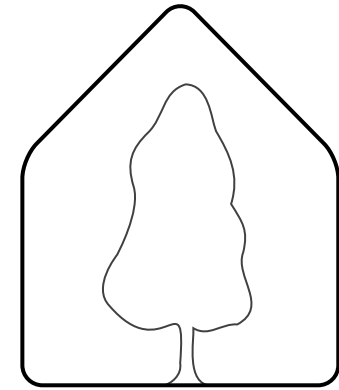
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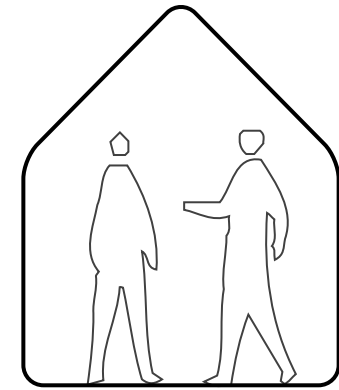
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DIFFERENCE

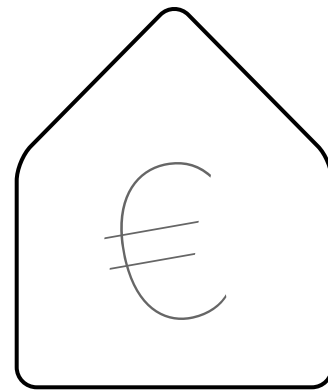
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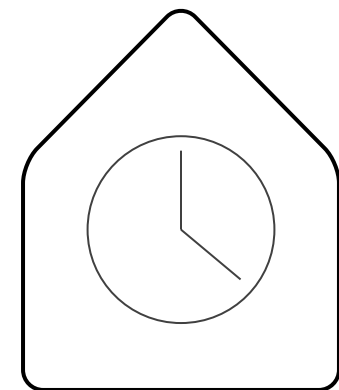
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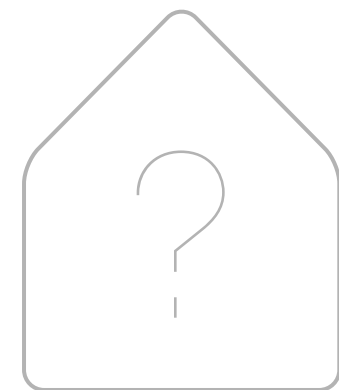
SOCIAL



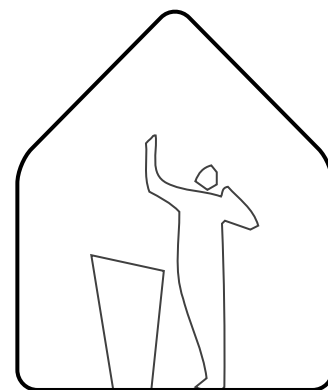
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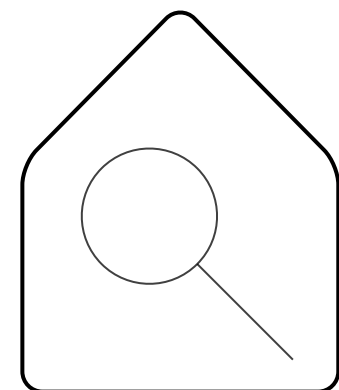
AGE



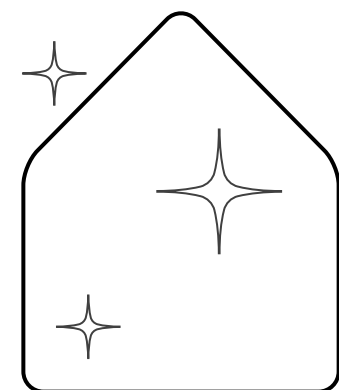
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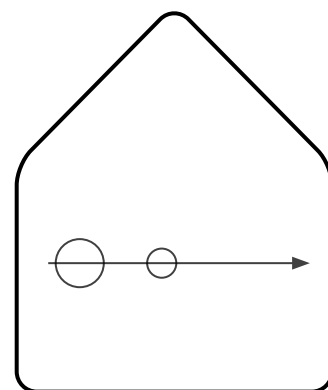
POLITICAL



SCIENTIFIC

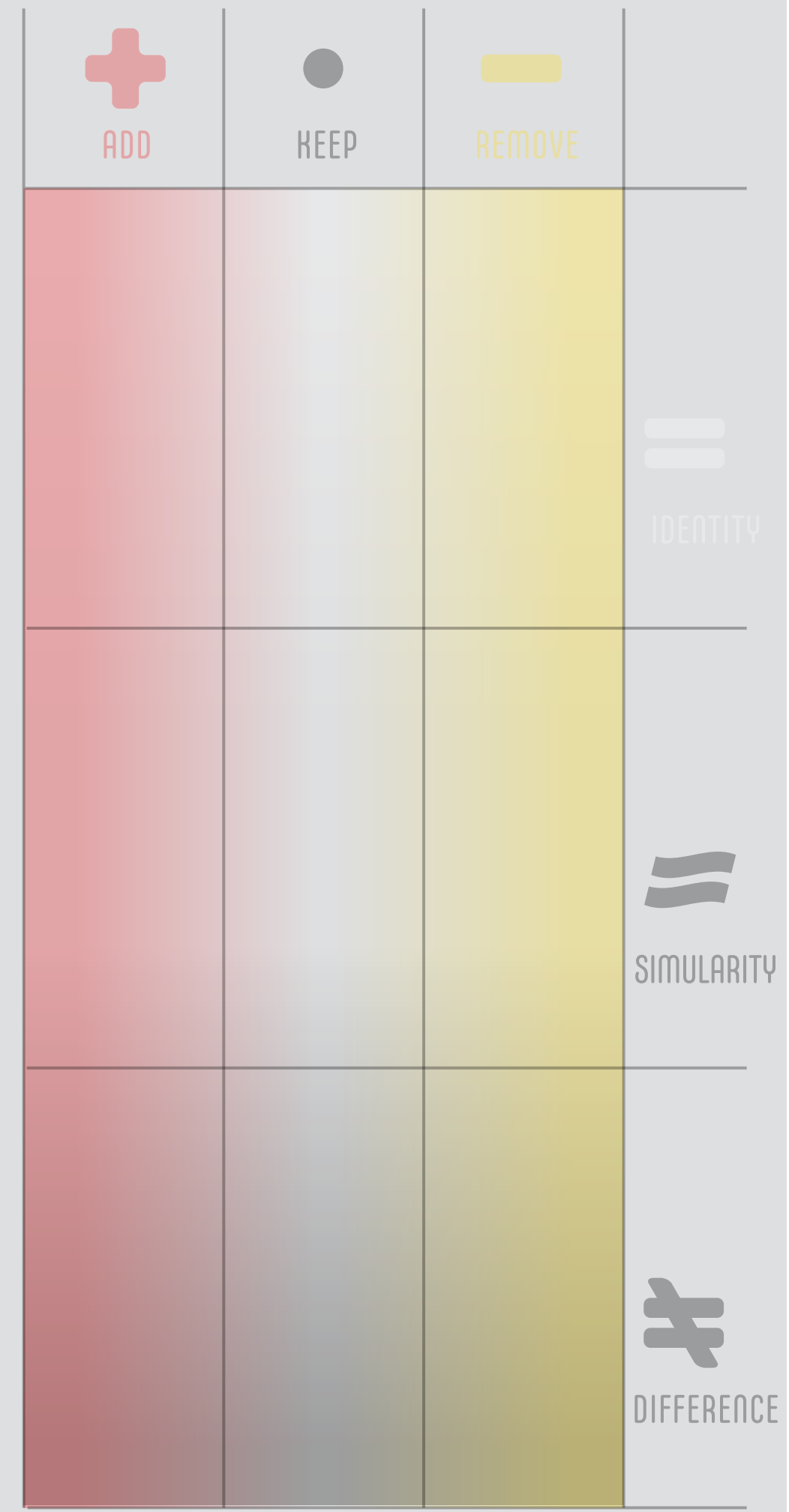


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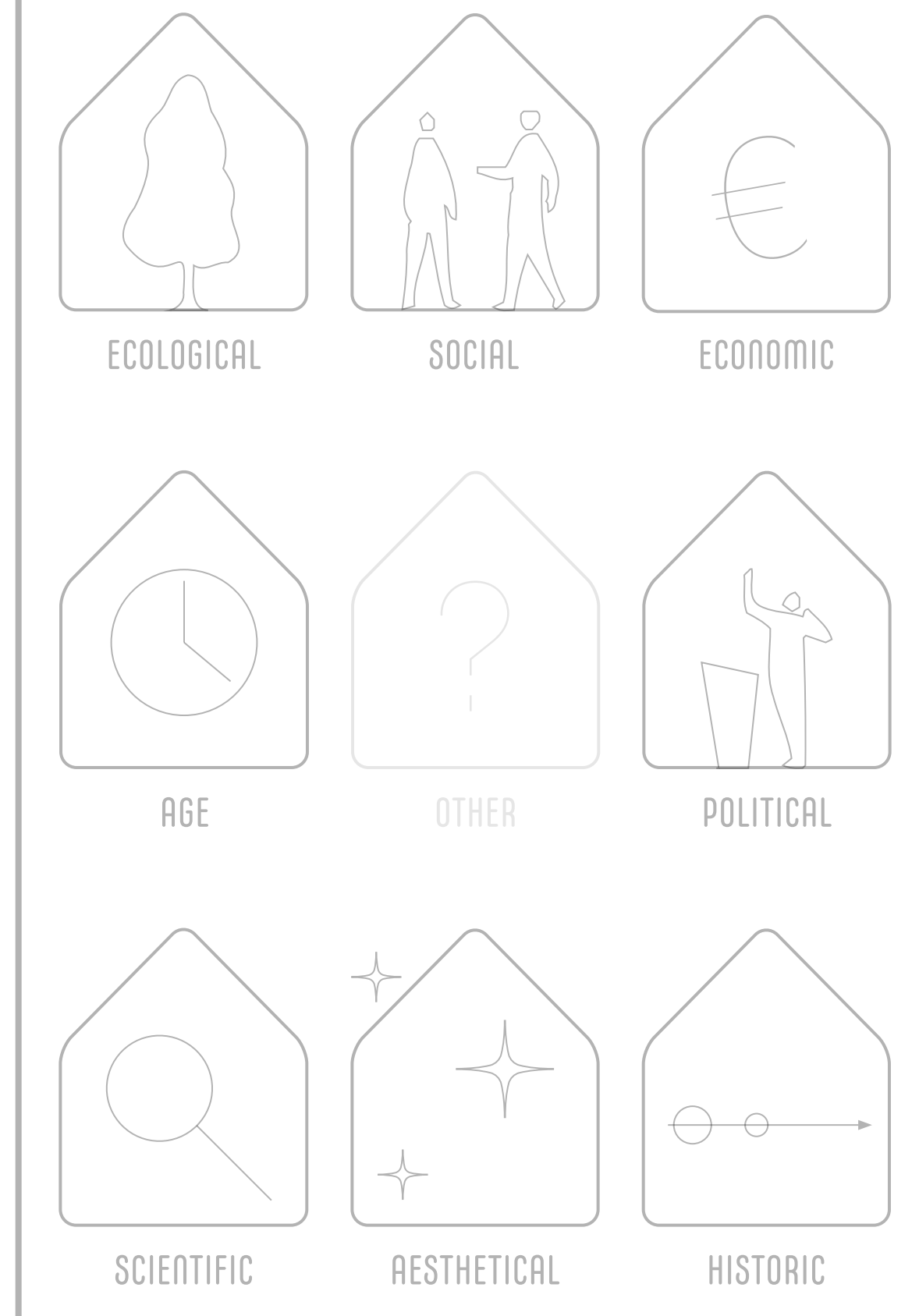


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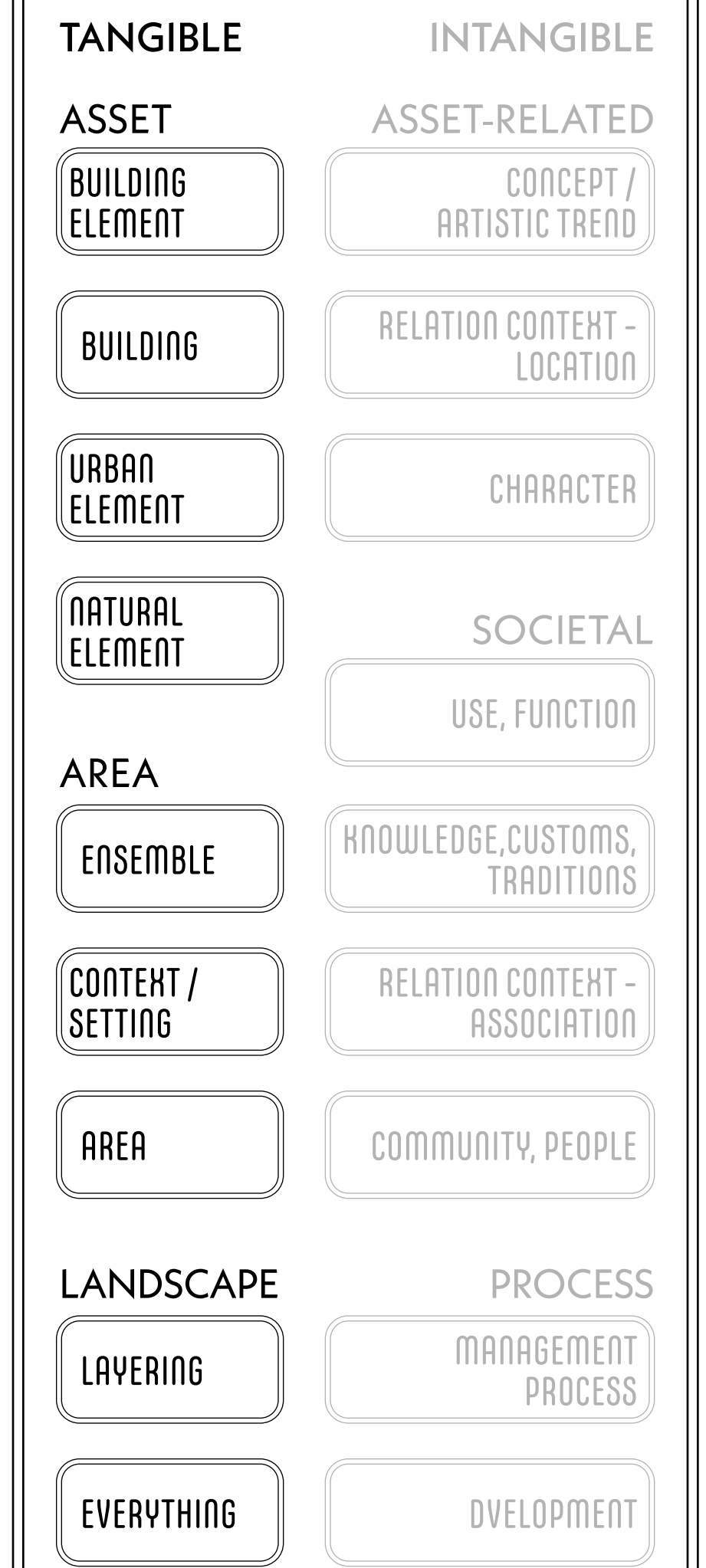
**WHICH**  
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ACCEPTABLE CHANGE



**WHY**  
VALUES



**WHAT**  
ATTRIBUTES



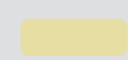
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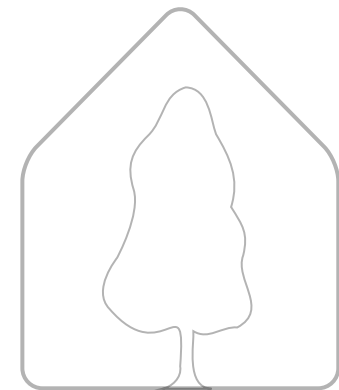
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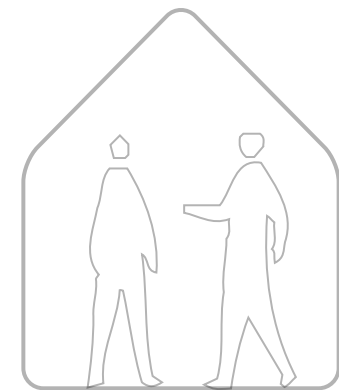
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					≡	SIMILARITY

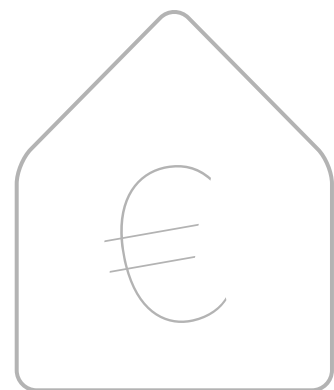
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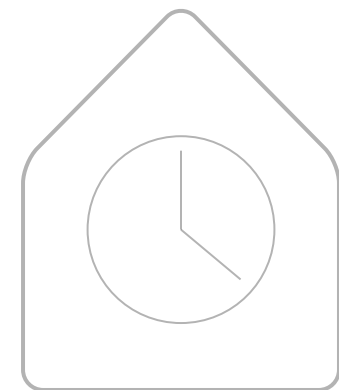
ECOLOGICAL



SOCIAL



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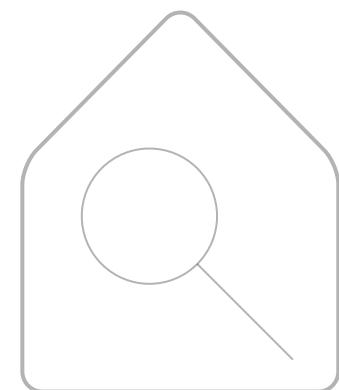
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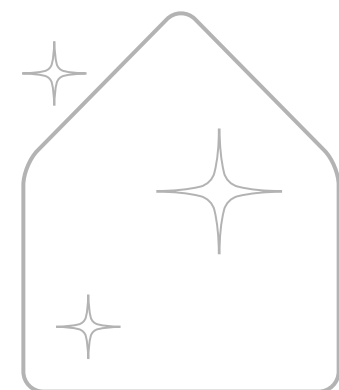
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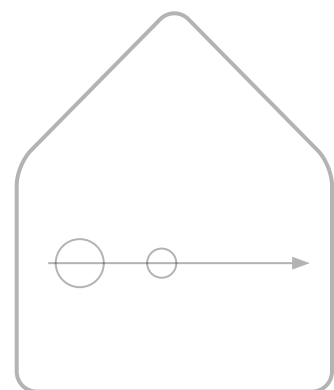
POLITICAL



SCIENTIFIC



AESTHETICAL



HISTORIC

WHAT  
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TANGIBLE

ASSET

BUILDING ELEMENT

BUILDING

URBAN ELEMENT

NATURAL ELEMENT

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ENSEMBLE

CONTEXT / SETTING

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LAYERING

EVERYTHING

WHO  
STAKEHOLDERS

GOVERNMENTAL

POLITICIANS

POLICY MAKERS

OFFICERS

EXPERTS

SCIENTIFIC

PROFESSIONAL

NON-PROFESSIONAL

COMMUNITY

PRIVATE SECTOR

DIRECTLY INVOLVED

INDIRECTLY INVOLVED

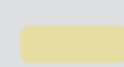
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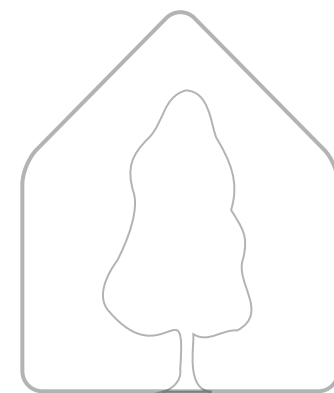
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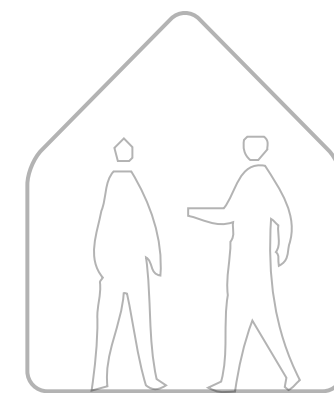
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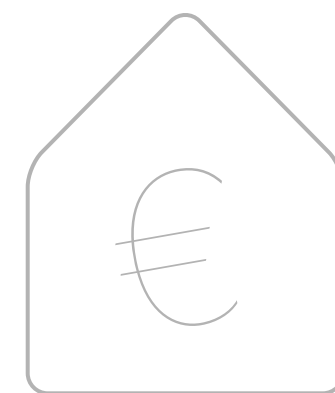
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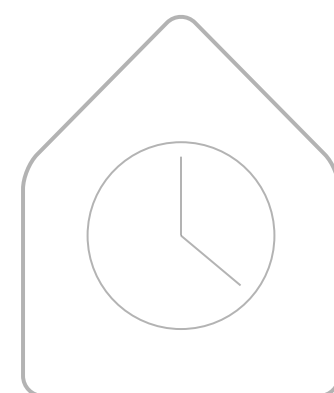
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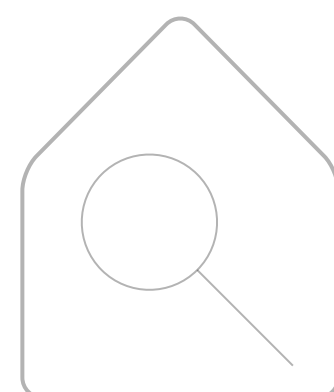
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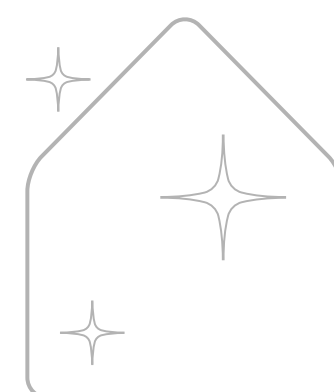
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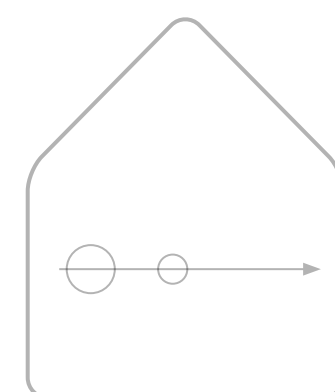
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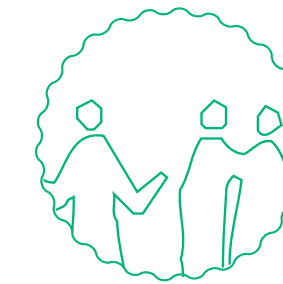
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COMMUNITY



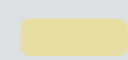
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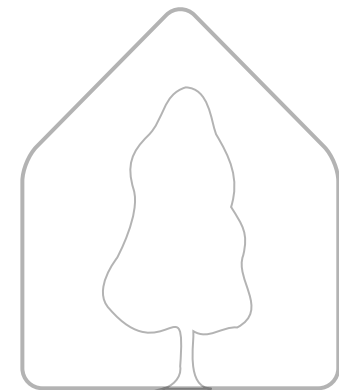
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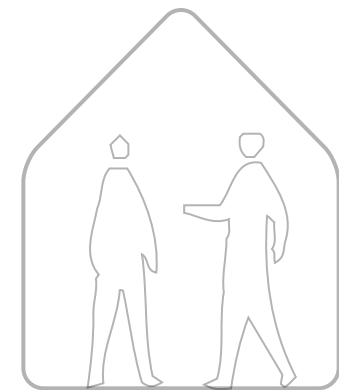
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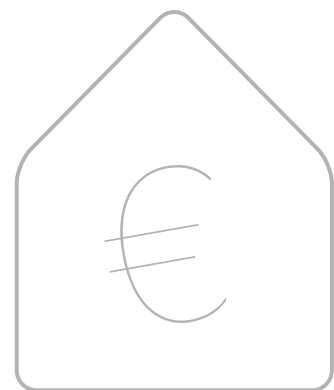
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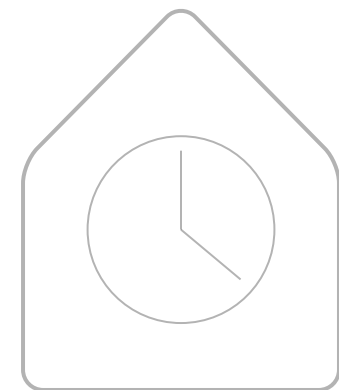
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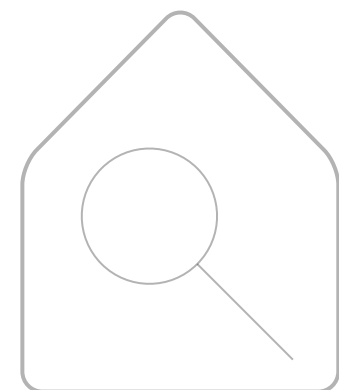
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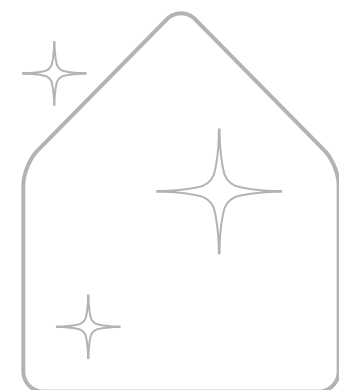
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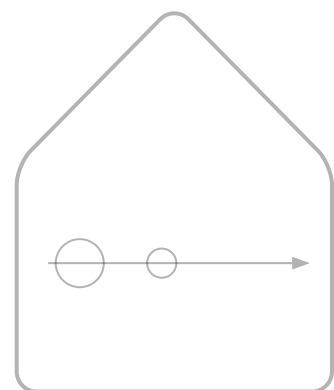
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COMMUNITY



HOW  
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A CONTEXT

INVENTORY

ANALYSE

DEFINE SIGNIFICANCE

B STRATEGY

BUILDING ANALYSIS

DEVELOP STRATEGY

INTEGRATE

C MANAGE

PRIORITIZE

PROCESS REFLECTION

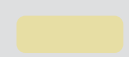
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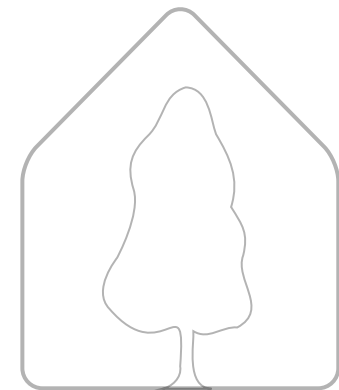
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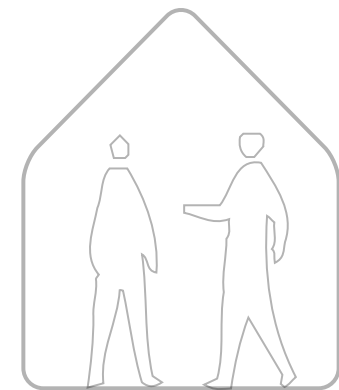
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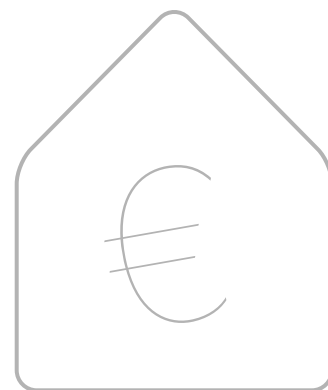
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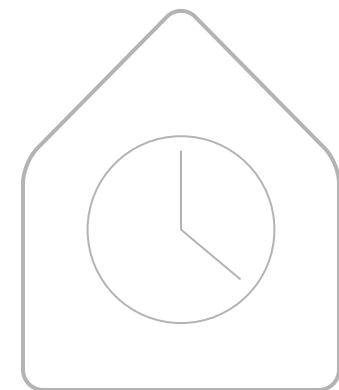
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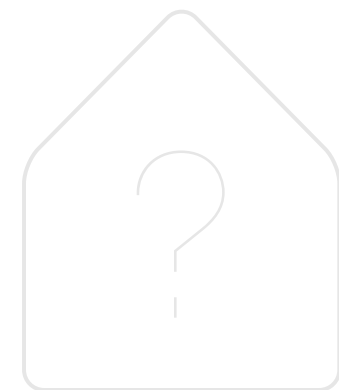
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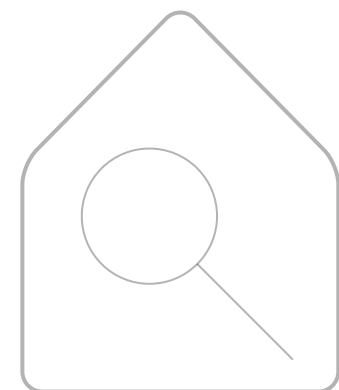
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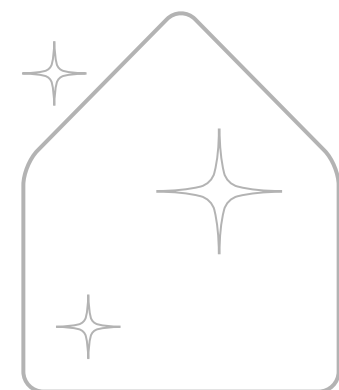
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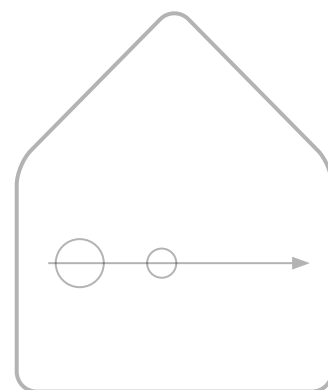
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HOW  
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A CONTEXT

INVENTORY & ANALYSE

DEFINE SIGNIFICANCE

DEFINE AFFECTING FACTORS

B STRATEGY

BUILDING ANALYSIS

DEVELOP STRATEGY

INTEGRATE

C MANAGE

PRIORITIZE

PROCESS REFLECTION

GOAL

PRODUCT

METHODS

METHODOLOGY

# PART 1 INTRODUCTION

# PART 2 RESEARCH



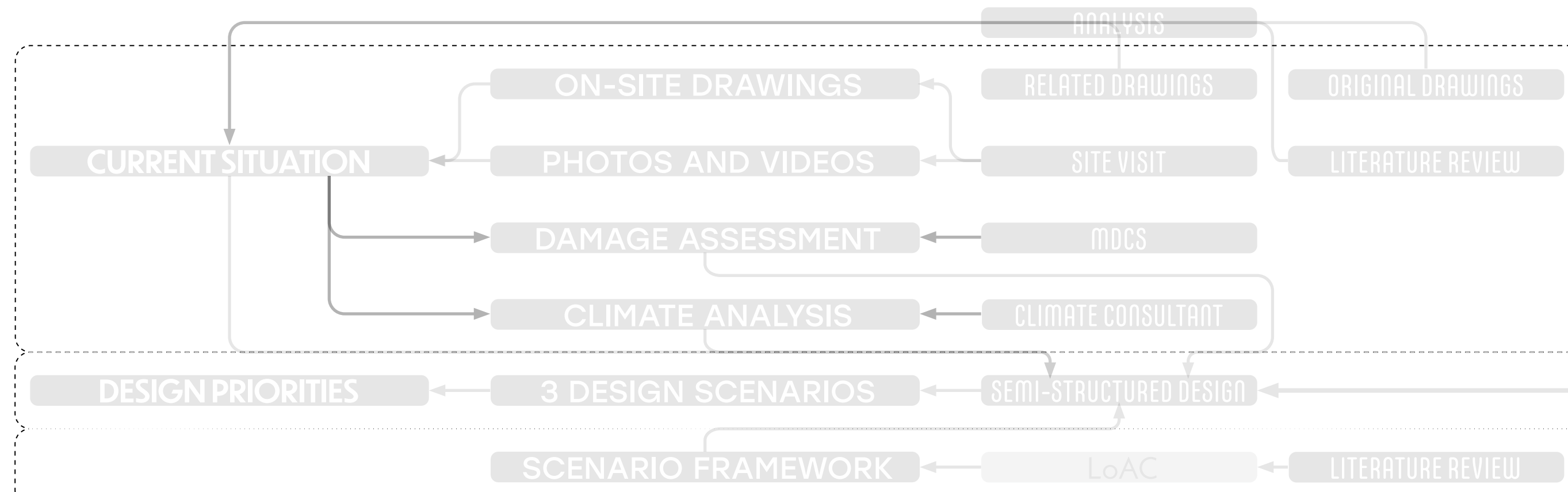
# A CONTEXT

A1 INVENTORY

A2 ANALYSIS

A3 DEFINE SIGNIFICANCE

# PART 3 DESIGN



# B STRATEGY

B1 BUILDING ANALYSIS

B2 DEVELOP STRATEGY

B3 INTEGRATE

# PART 4 REFLECTION



# C MANAGE

C1 PRIORITIZE

C2 PROCESS REFLECTION



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**PART 2 RESEARCH**

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PART 4 REFLECTION

GOAL

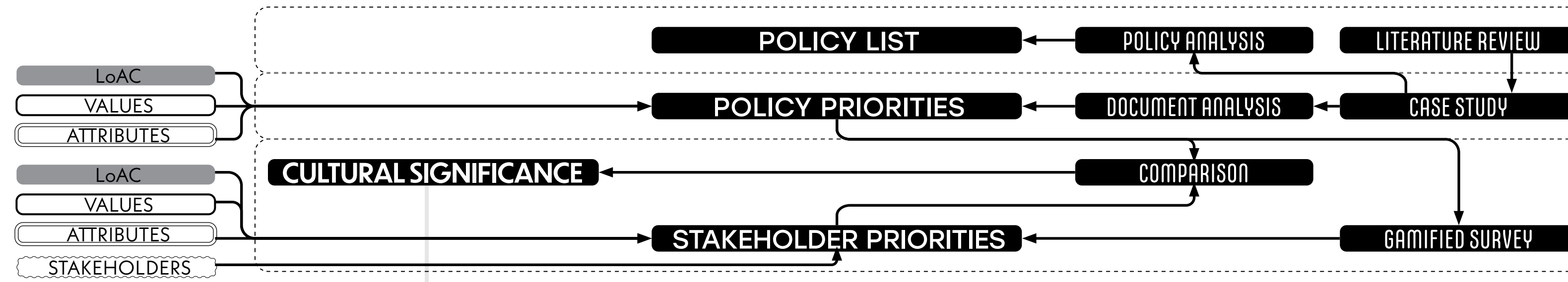
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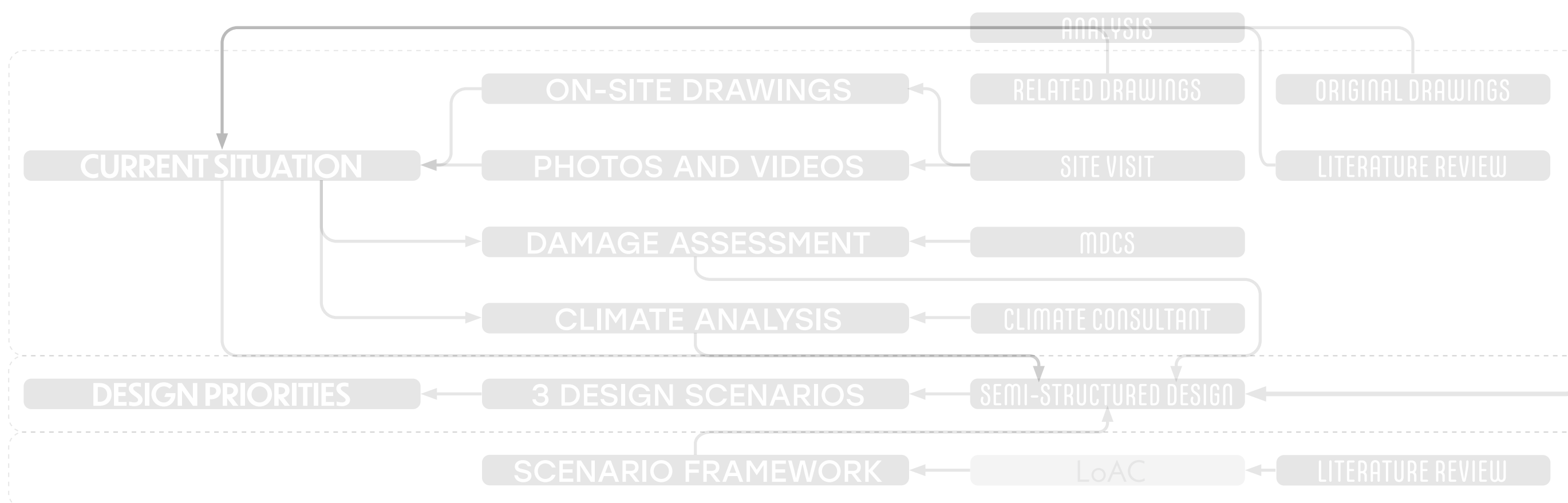
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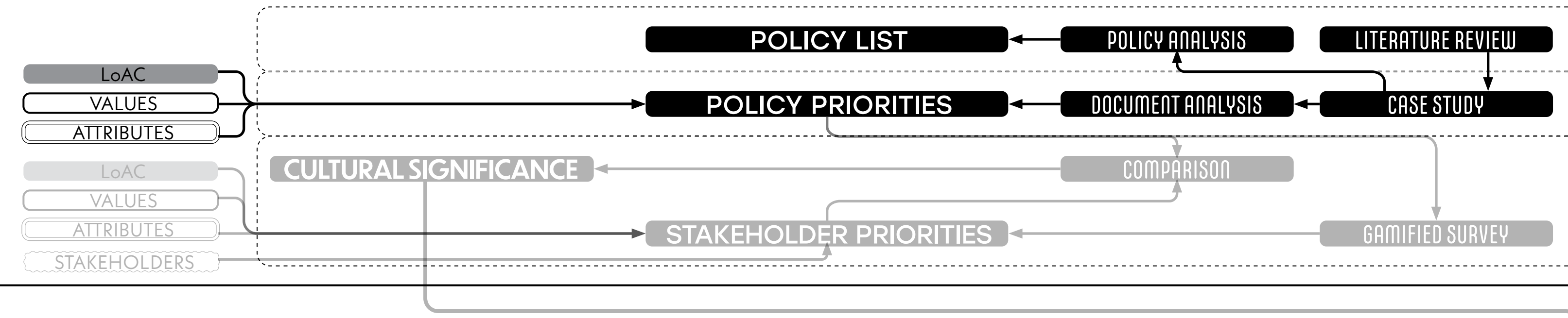
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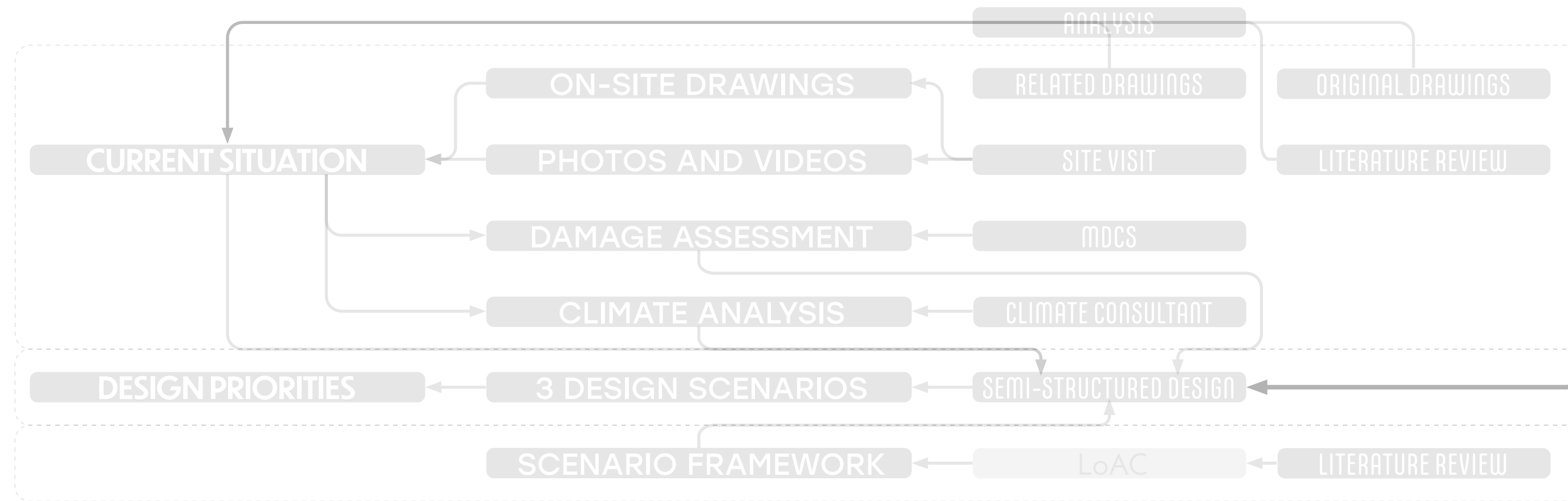
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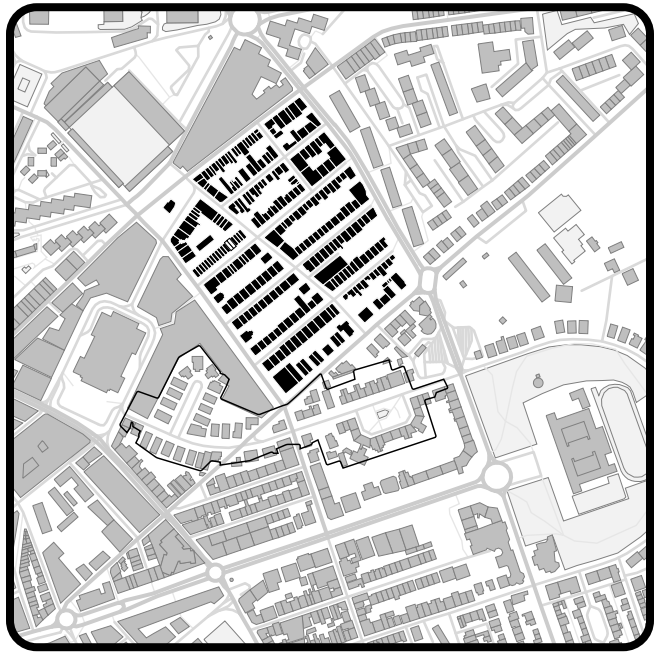
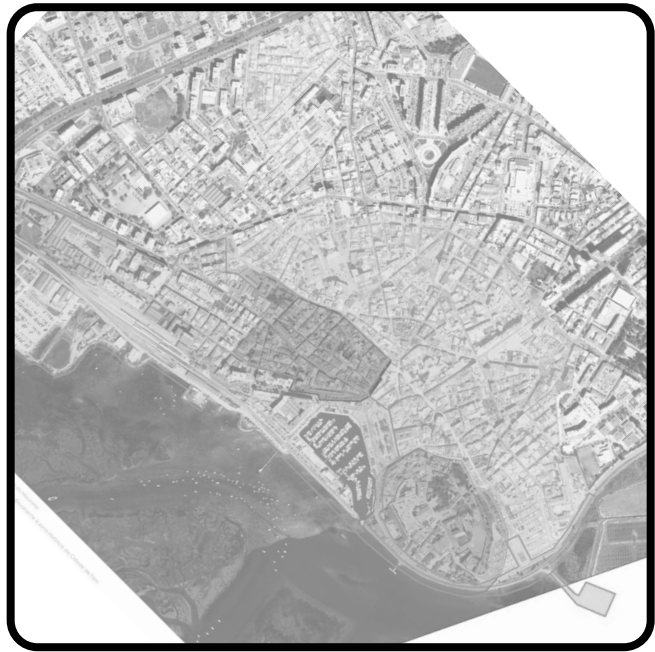
## PART 4 REFLECTION



## C MANAGE

C1 PRIORITIZE

C2 PROCESS REFLECTION



**NATIONAL FRAMEWORK**

**FARO MASTERPLAN**

**MUNICIPAL REGULATION**

**URBAN REHABILITAION PLANS (ARU)**

**POLICIES AROUND SÃO LUÍS**

Planning Framework

Masterplan 2009

Urbanization and Building

Vila Adentro

Municipal Market

Cultural Heritage Legislation

Masterplan 2021

Public Space Occupation and Advertisement

Bairro Ribenheiro

Football Stadium

Legislation for Urban Rehabilitation

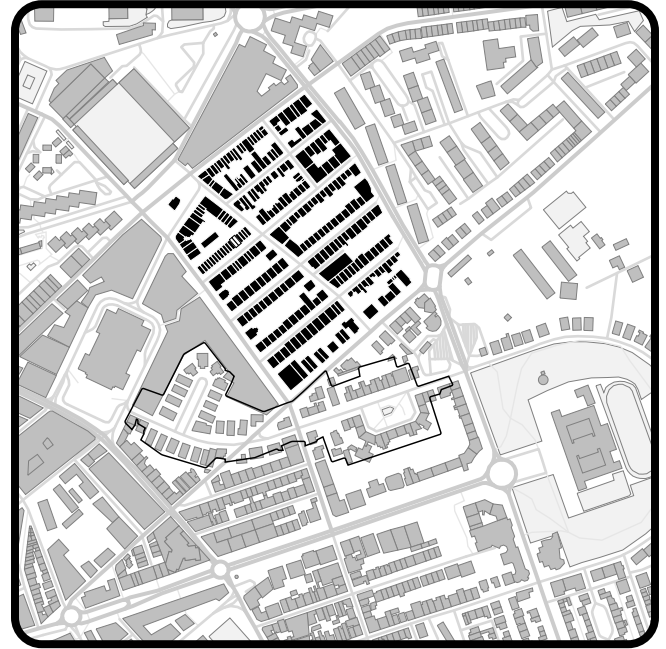
Places with Historical Value ?

Mouraria

Modernist Axe

Histórica da cidade de Faro

Alto Rodes

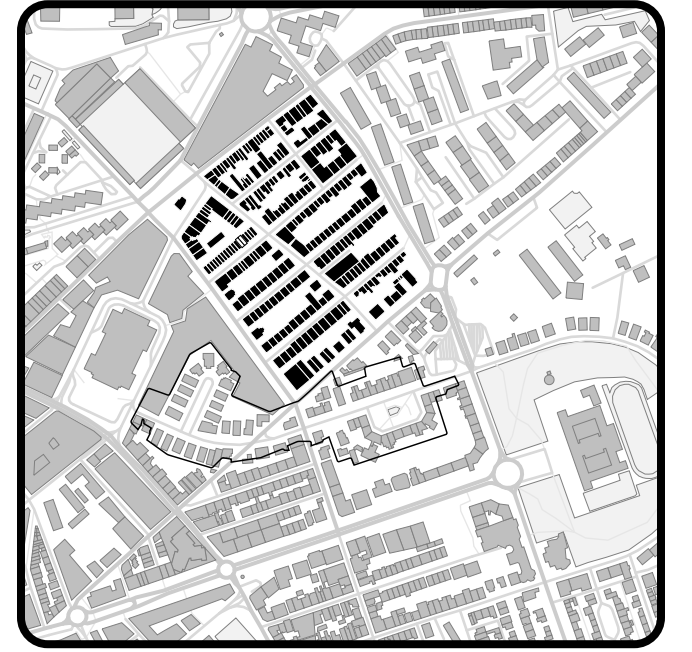


**POLICIES AROUND  
SÃO LUÍS**

Municipal Market

Football Stadium

Modernist Axe



Diário da República, 2.ª série

PARTE H

N.º 141

22 de julho de 2020

Pág. 155

MUNICÍPIO DE FARO

Edital n.º 823/2020

Sumário: Aprovação da 1.ª alteração do plano de pormenor do Largo Dr. Francisco Sá Carneiro.

Aprovação da 1.ª alteração do plano de pormenor do Largo Dr. Francisco Sá Carneiro

Rogério Conceição Bacalhau Coelho, Presidente da Câmara Municipal de Faro, torna público que, na reunião de câmara de 20 de janeiro de 2020, no cumprimento do disposto no n.º 1 do artigo 90.º do do Decreto-Lei n.º 80/2015, de 14 de maio, foi deliberado submeter a proposta final da 1.ª alteração do plano de pormenor do Largo Dr. Francisco Sá Carneiro, à Assembleia Municipal.

Mais torna público que, na sessão extraordinária de 28 de janeiro de 2020, a Assembleia Municipal de Faro aprovou a 1.ª alteração do plano de pormenor do Largo Dr. Francisco Sá Carneiro.

Para efeitos do disposto na alínea d) do n.º 3 do artigo 6.º do Decreto-Lei n.º 80/2015, de 14 de maio informa ainda que, durante o período de discussão pública que antecedeu a aprovação da proposta final da alteração ao plano, decorrido entre 21 de novembro de 2019 e 18 de dezembro de 2019, não foi registada qualquer participação.

Nos termos da alínea f) do n.º 4 do artigo 191.º do supra referido decreto-lei, é publicado em anexo a este edital o excerto da deliberação da Assembleia Municipal de 28 de janeiro de 2020, bem como o Regulamento e a Planta de Implantação do plano.

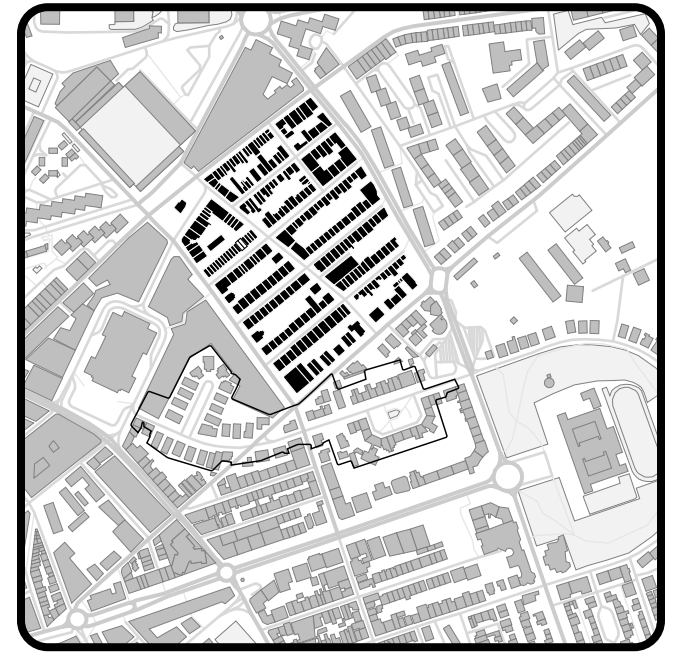
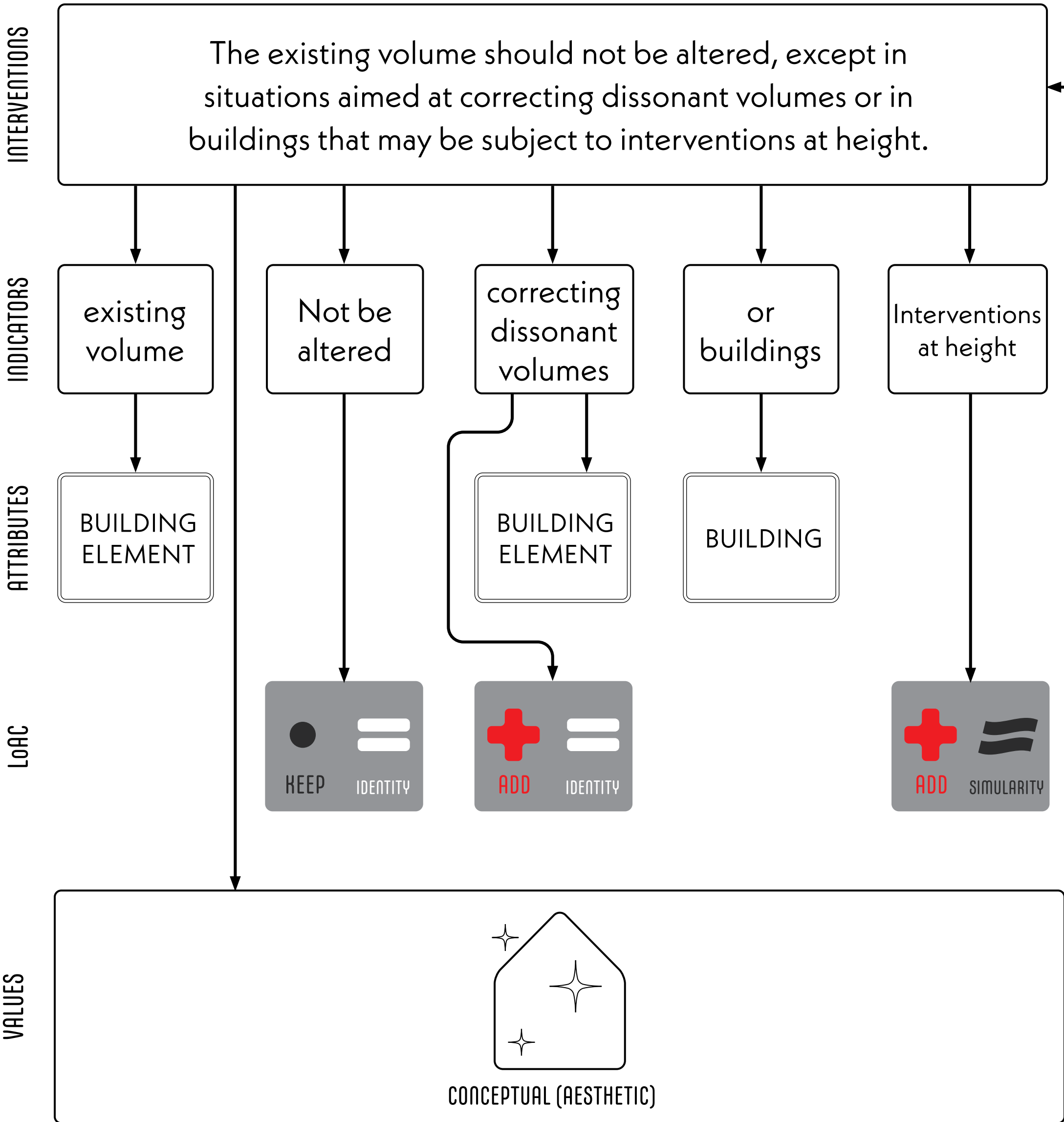
POLICIES AROUND SÃO LUÍS

Municipal Market

Football Stadium

Modernist Axe

Classificação do conjunto urbano entre o Mercado Municipal e a Escola Secundária João de Deus, constituído pelas Ruas General Humberto Delgado; Praceta Coronel Pires Viegas e Praceta Eng.º Duarte Pacheco na Freguesia da Sé – Faro.



**Diário da República, 2.ª série** **PARTE H**

N.º 141 22 de julho de 2020 Pág. 155

**MUNICÍPIO DE FARO**

**Edital n.º 823/2020**

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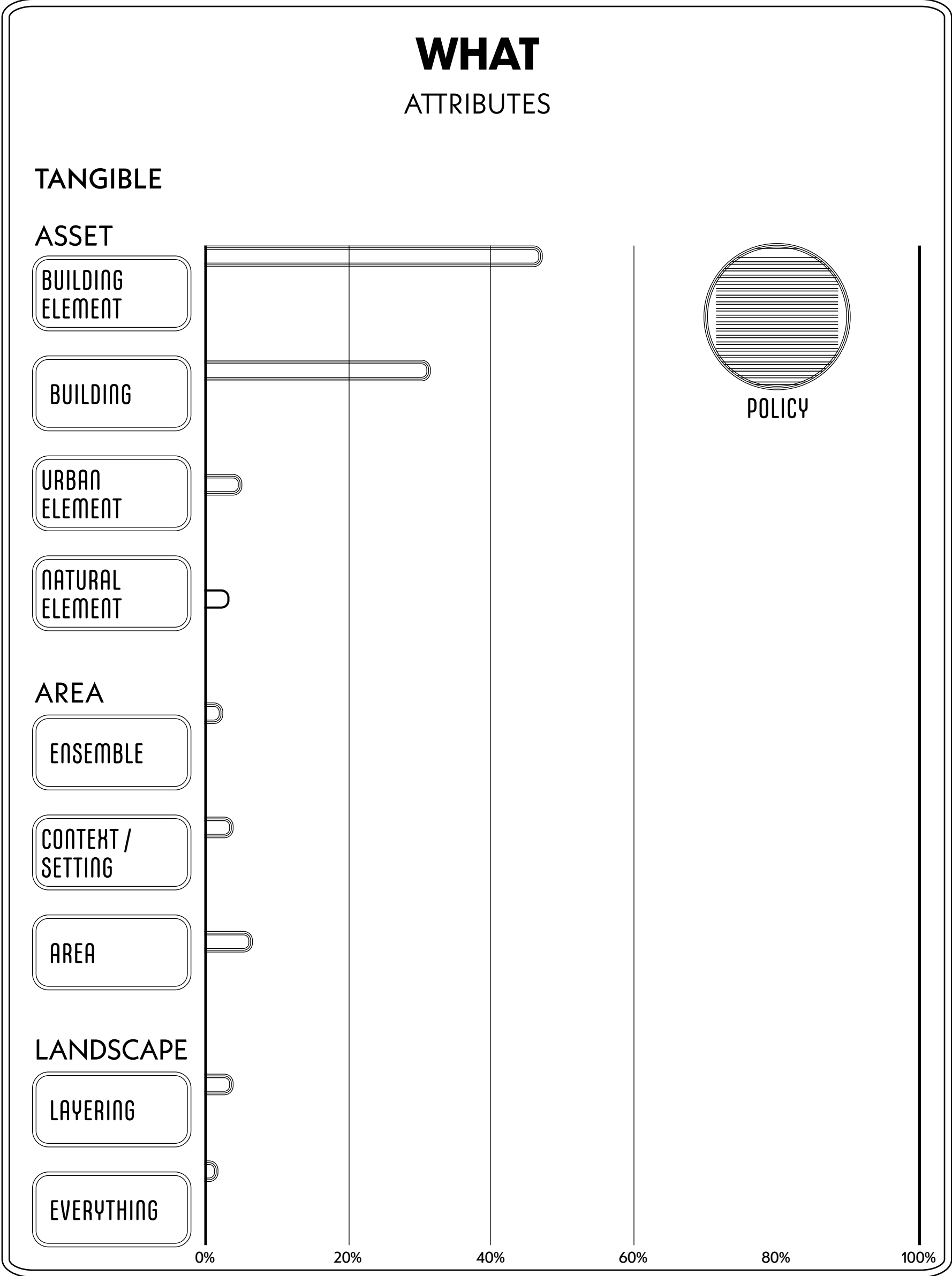
**POLICIES AROUND SÃO LUÍS**

Municipal Market

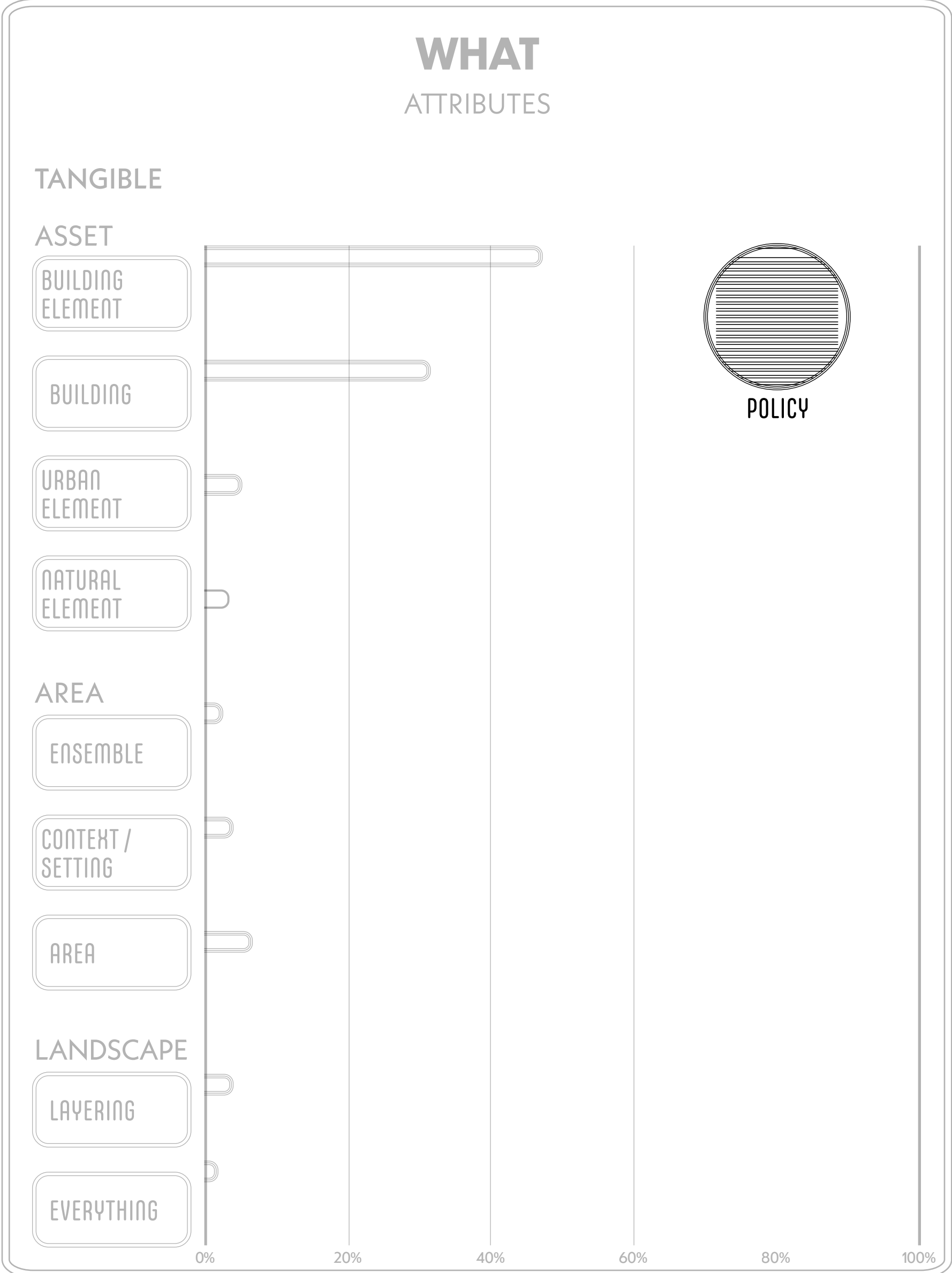
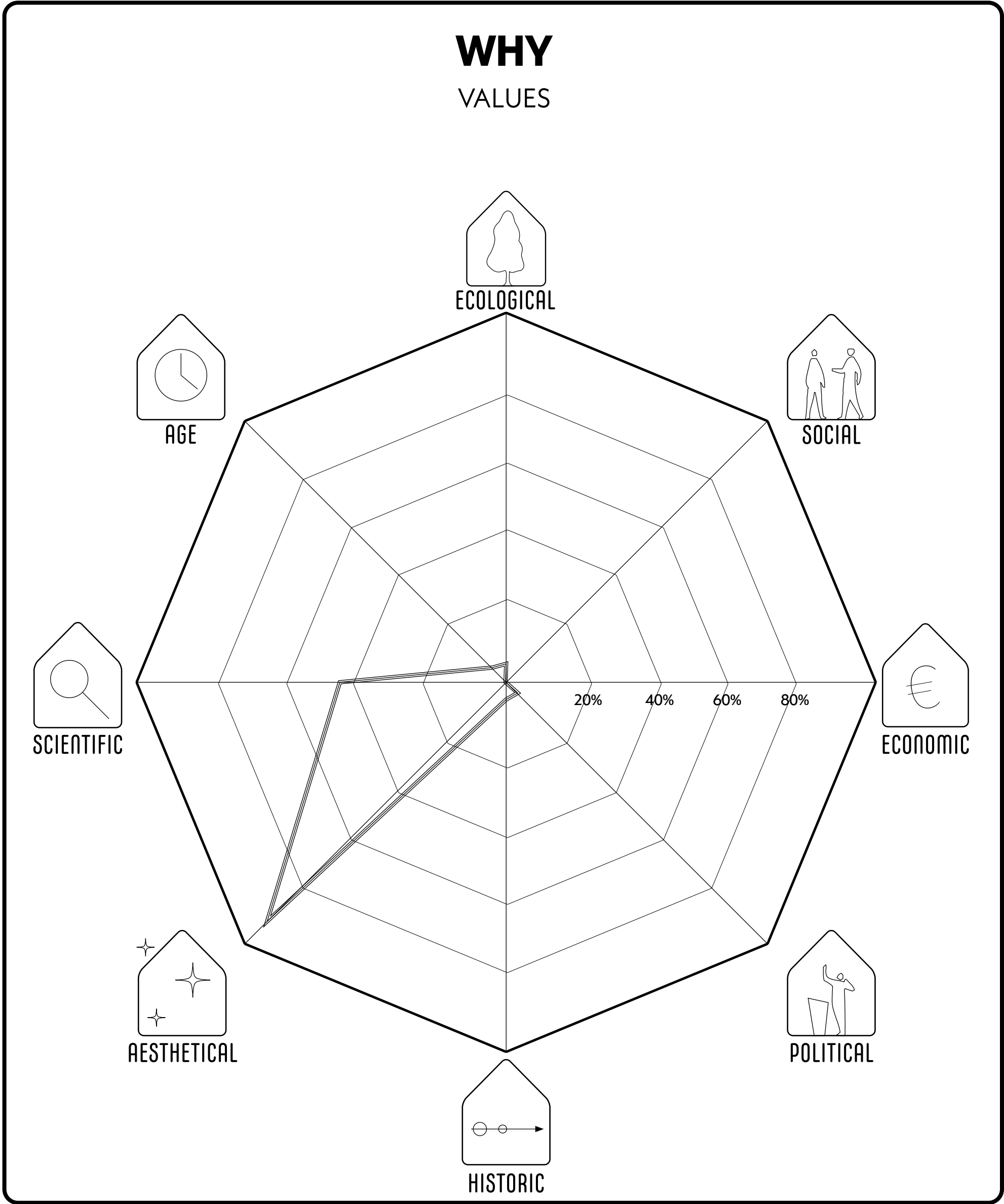
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### WHICH LIMITS OF ACCEPTABLE CHANGE



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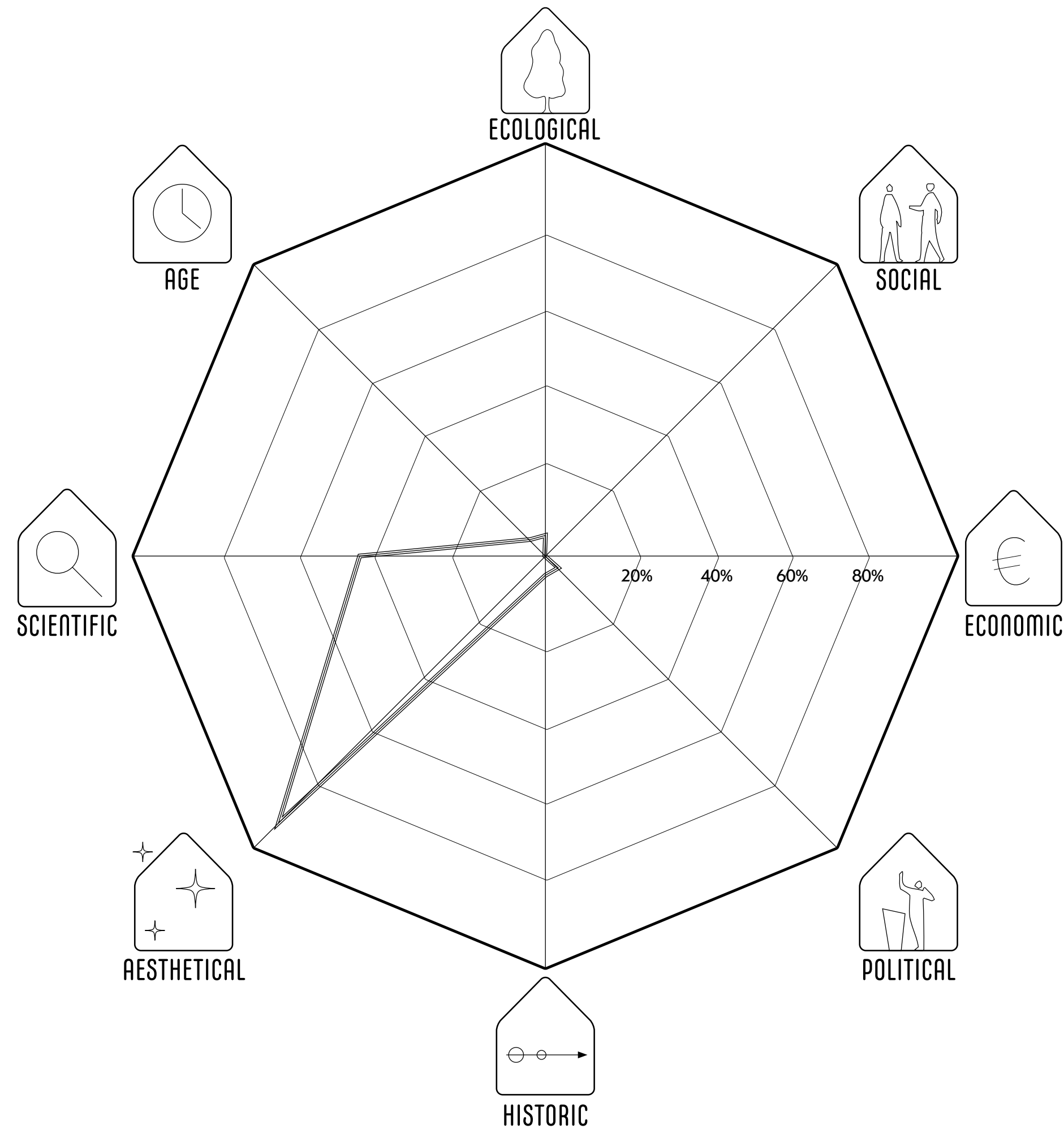
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IDENTITY

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DIFFERENCE

### WHY

VALUES



### WHAT

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#### TANGIBLE

##### ASSET

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BUILDING

URBAN ELEMENT

NATURAL ELEMENT

##### AREA

ENSEMBLE

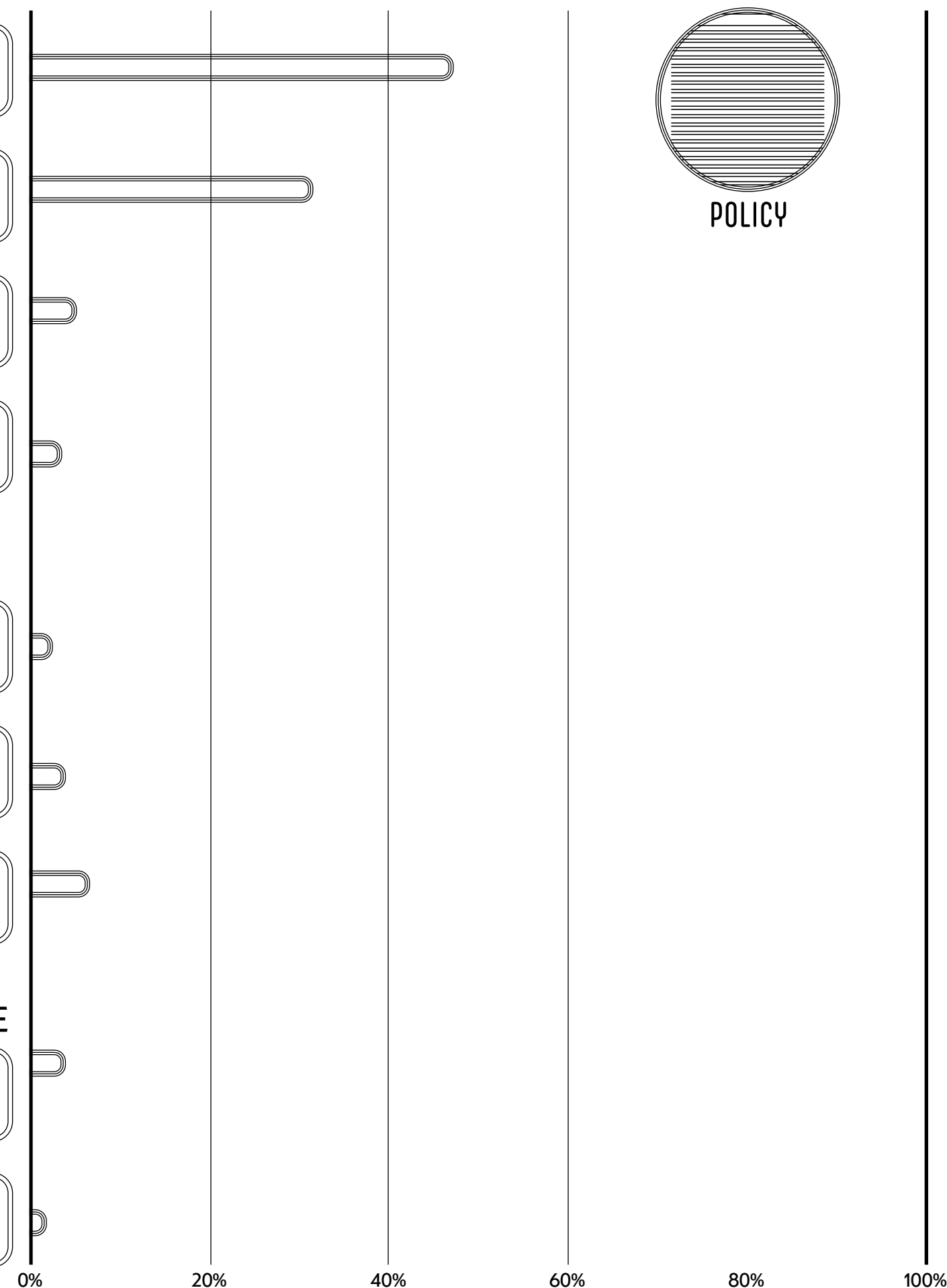
CONTEXT / SETTING

AREA

##### LANDSCAPE

LAYERING

EVERYTHING



GOAL

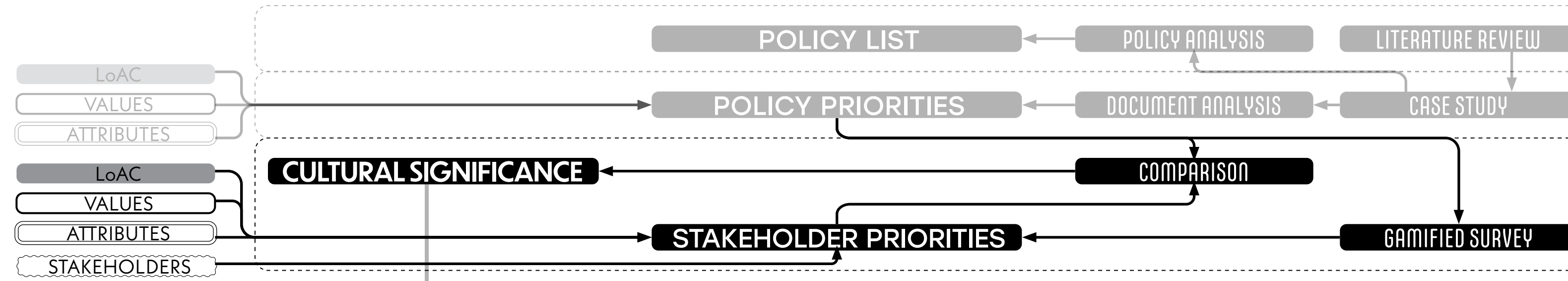
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METHODS

METHODOLOGY

# PART 1 INTRODUCTION

## PART 2 RESEARCH



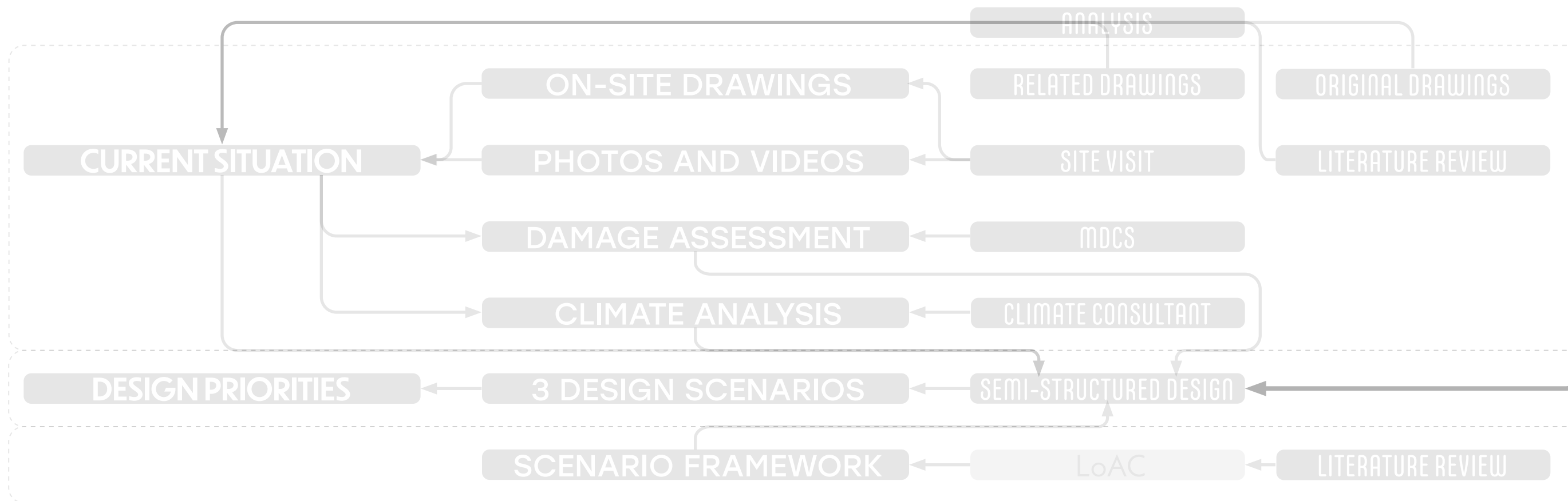
## A CONTEXT

A1 INVENTORY

A2 ANALYSIS

A3 DEFINE SIGNIFICANCE

## PART 3 DESIGN



## B STRATEGY

B1 BUILDING ANALYSIS

B2 DEVELOP STRATEGY

B3 INTEGRATE

## PART 4 REFLECTION



## C MANAGE

C1 PRIORITIZE

C2 PROCESS REFLECTION



### Website, QR code

JOGUE O JOGO VOCÊ MESMO!

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TU Delft Faro UAIG

Home Sobre a Investigação

### Renovar a sua casa, redesenhar o seu bairro.

**Explicação:**  
Neste jogo, o participante é convidado a escolher entre quatro opções que considera ser as mais adequadas. Desta forma demonstrará o que mais valoriza nas políticas de gestão urbanística em vigor. Este inquérito tem a duração média de 15 minutos e o participante tem a oportunidade de conhecer melhor as políticas, regulamentos e estratégias urbanas e de gestão do património cultural da zona de São Luís em Faro.

*O objectivo do jogo é revelar a perspectiva das pessoas sobre o património cultural e os regulamentos que regulam esse património. Os resultados serão utilizados exclusivamente para esta investigação e poderão ser publicados.*

Início do jogo

### Municipality Market



### Pictures in Action





### WHICH LIMITS OF ACCEPTABLE CHANGE



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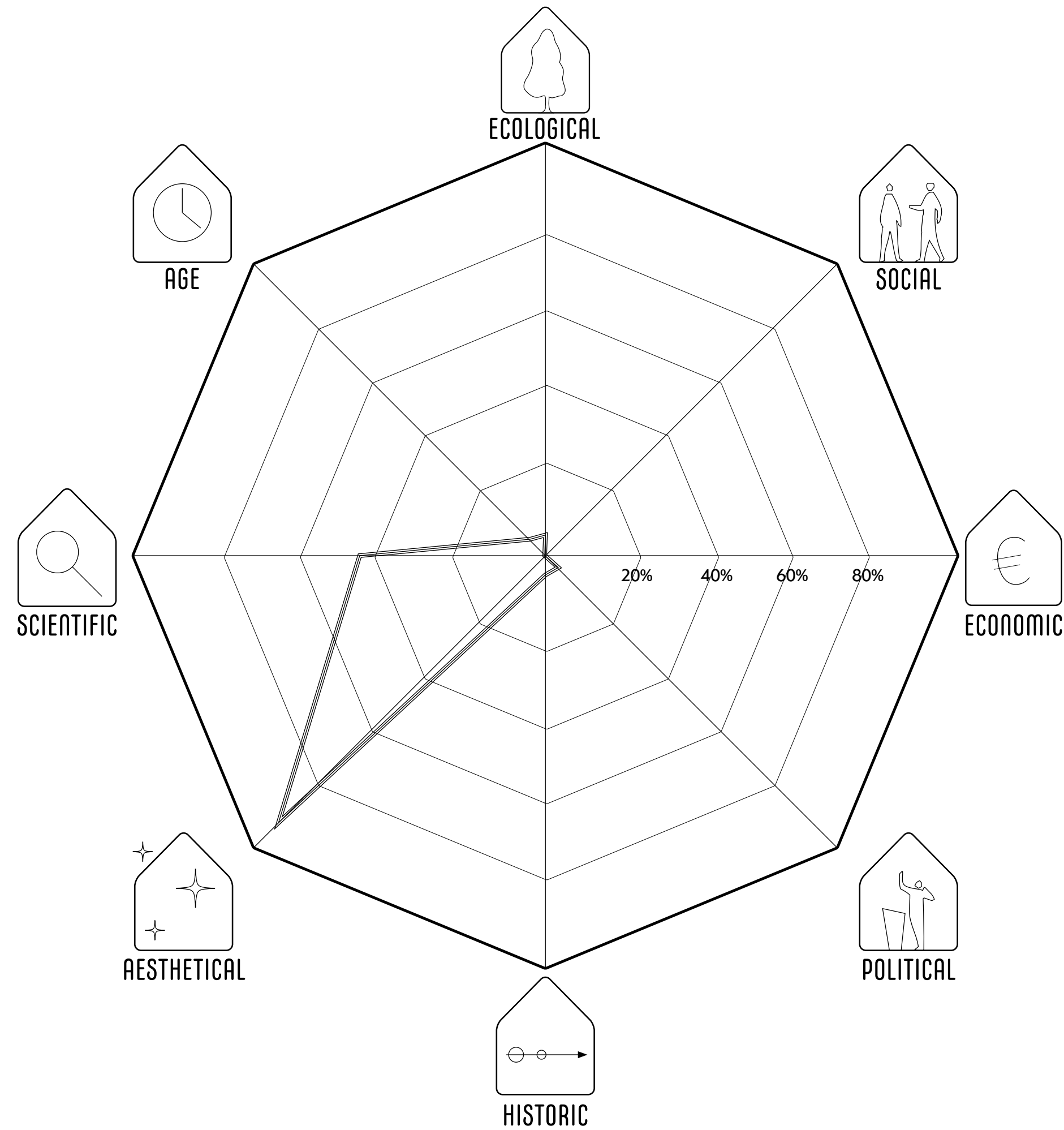
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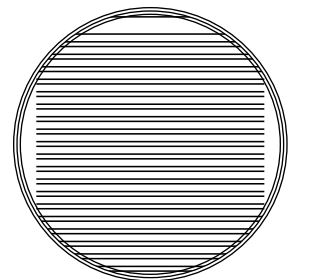
CONTEXT / SETTING

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##### LANDSCAPE

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EVERYTHING



POLICY

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### WHICH LIMITS OF ACCEPTABLE CHANGE



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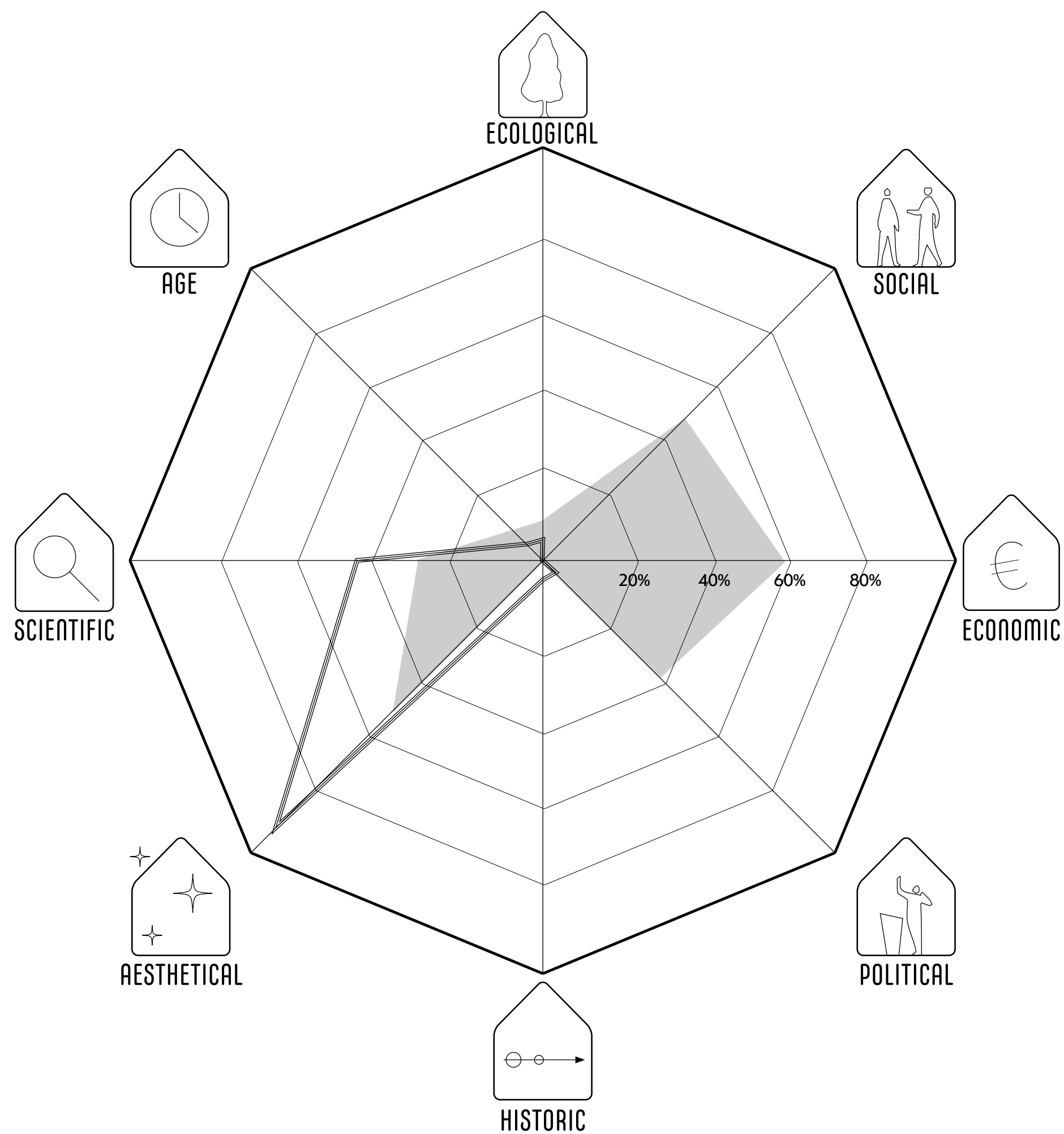
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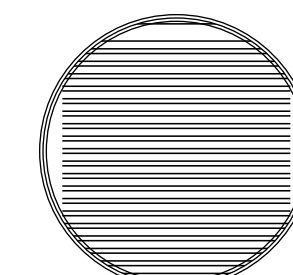
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POLICY



QUESTIONS

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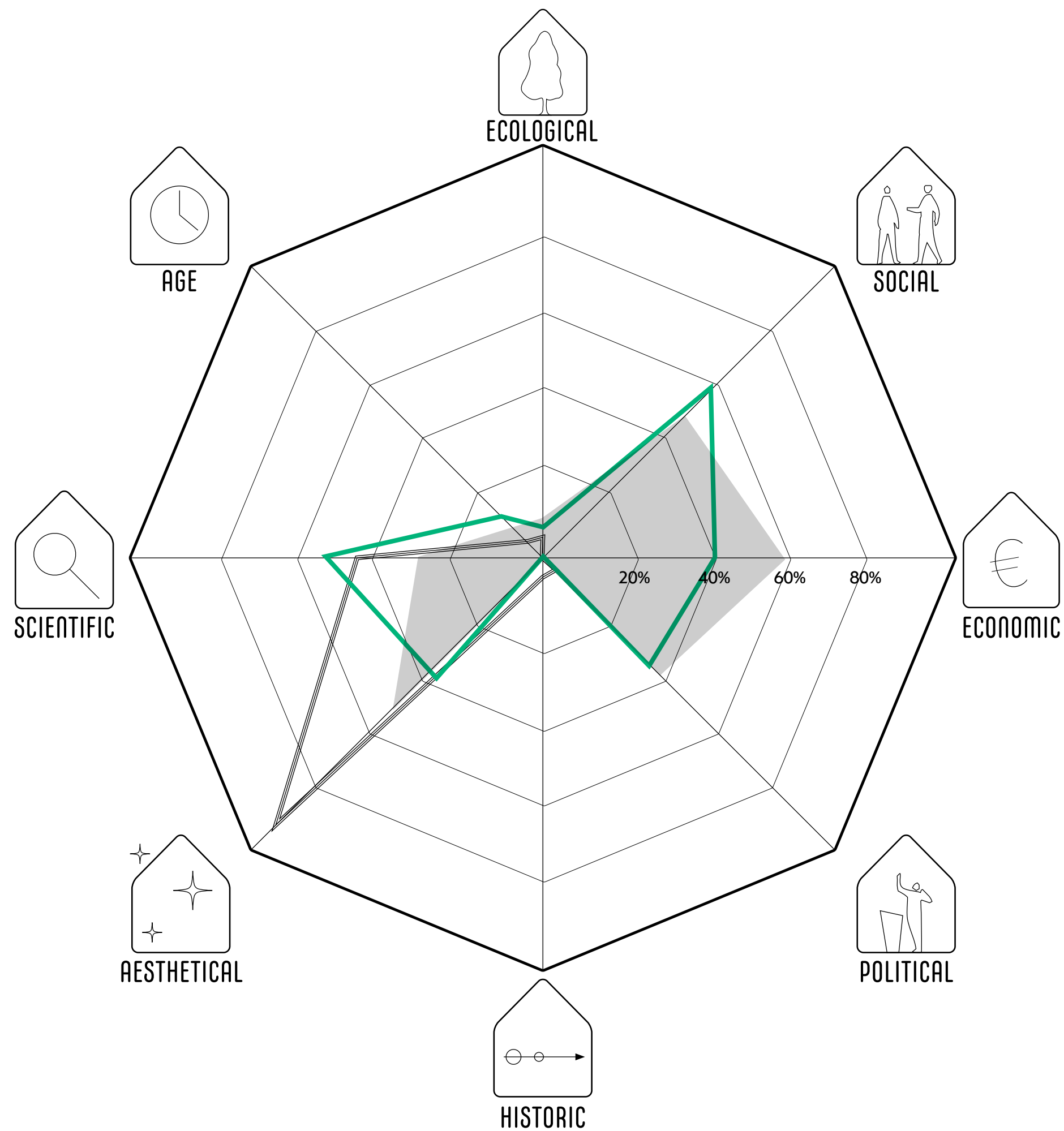
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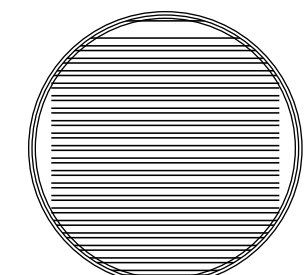
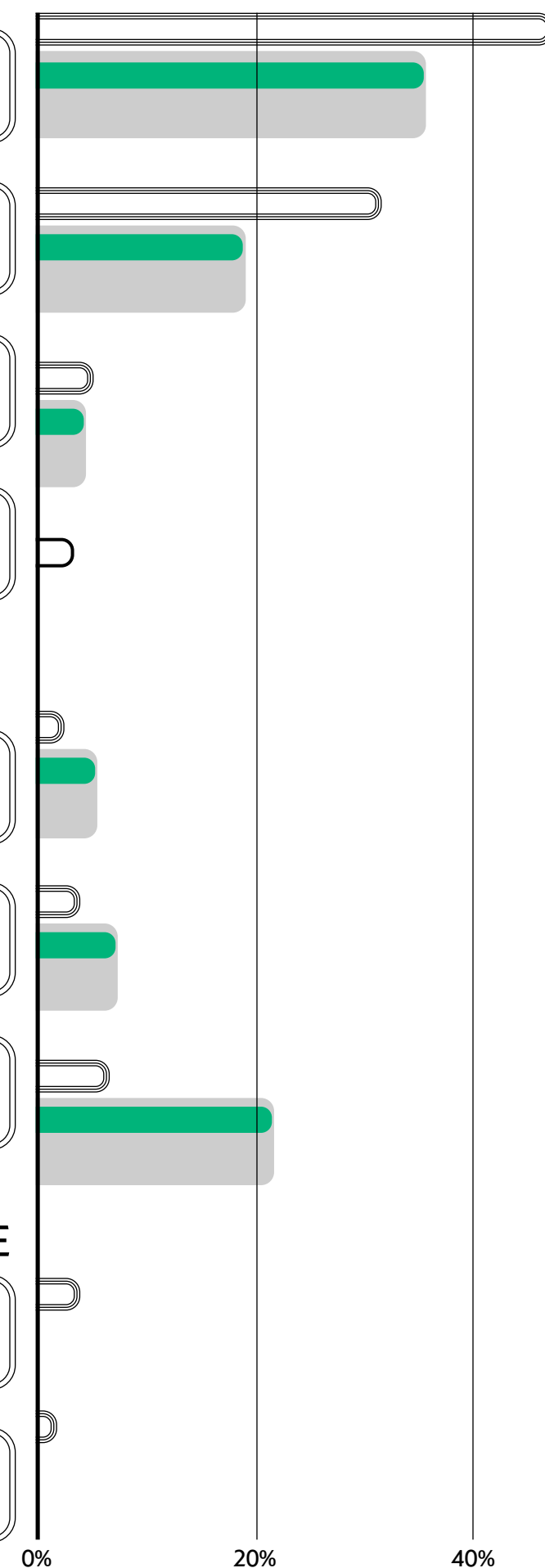
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COMMUNITY

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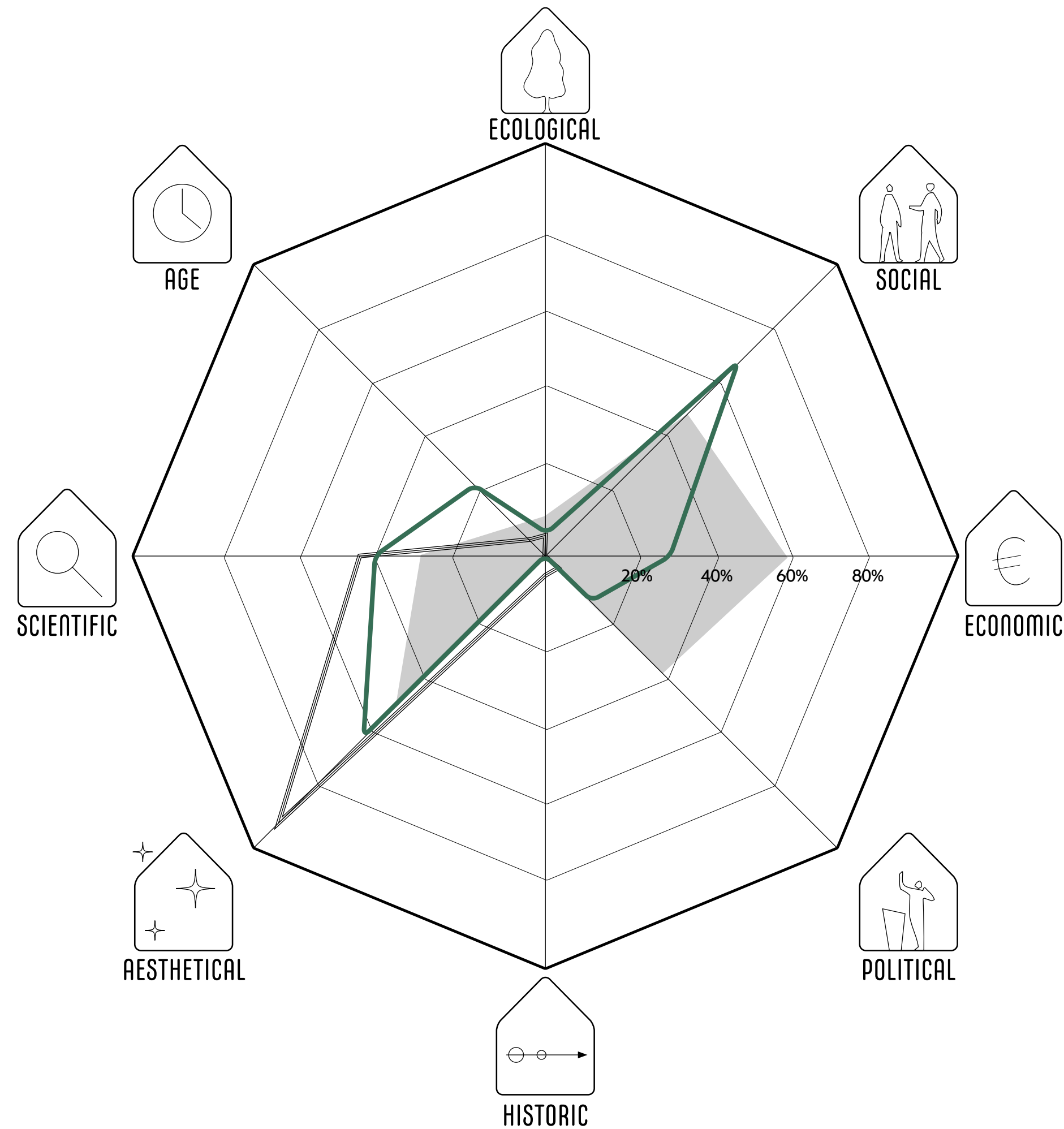
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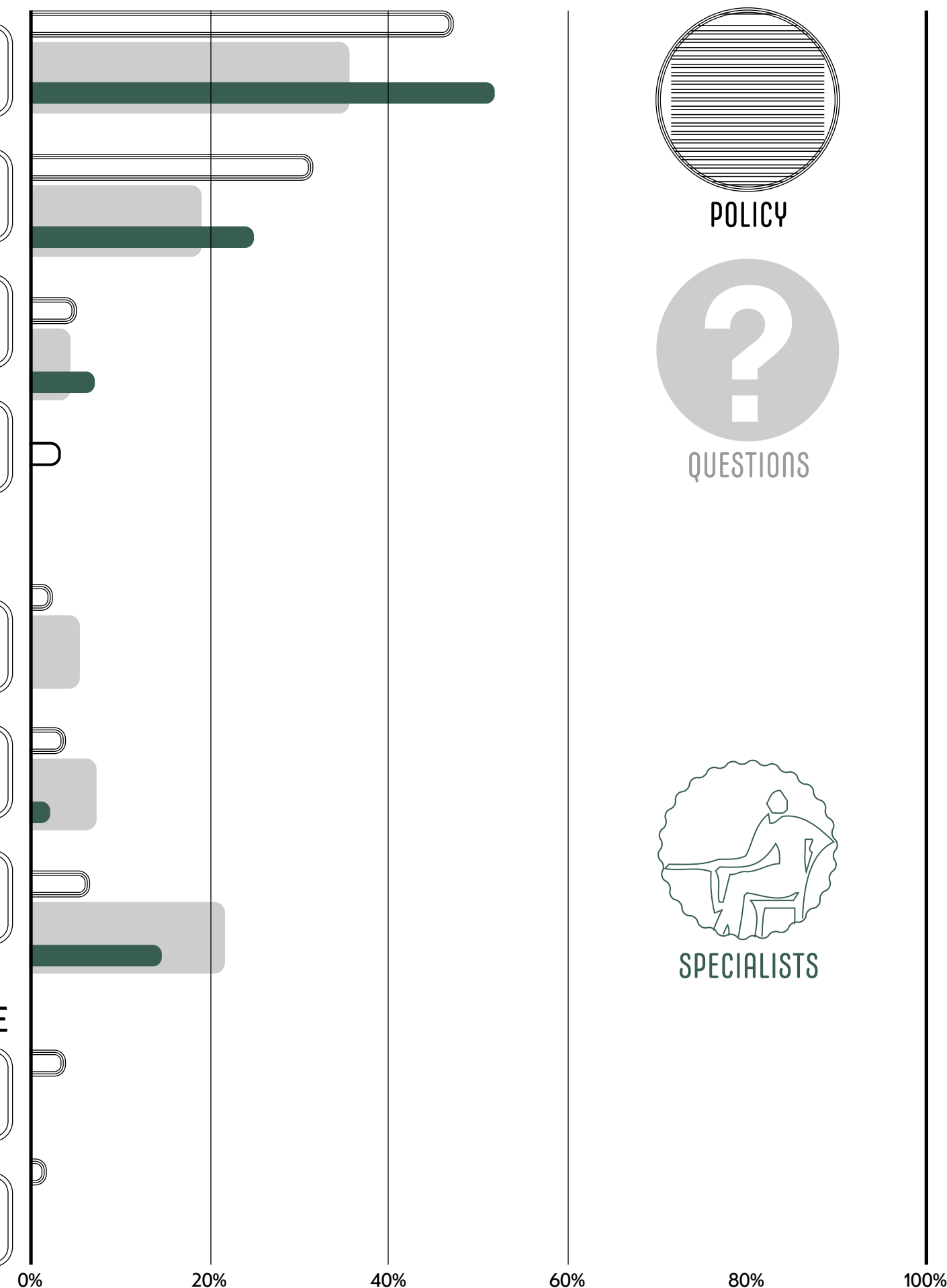
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SPECIALISTS





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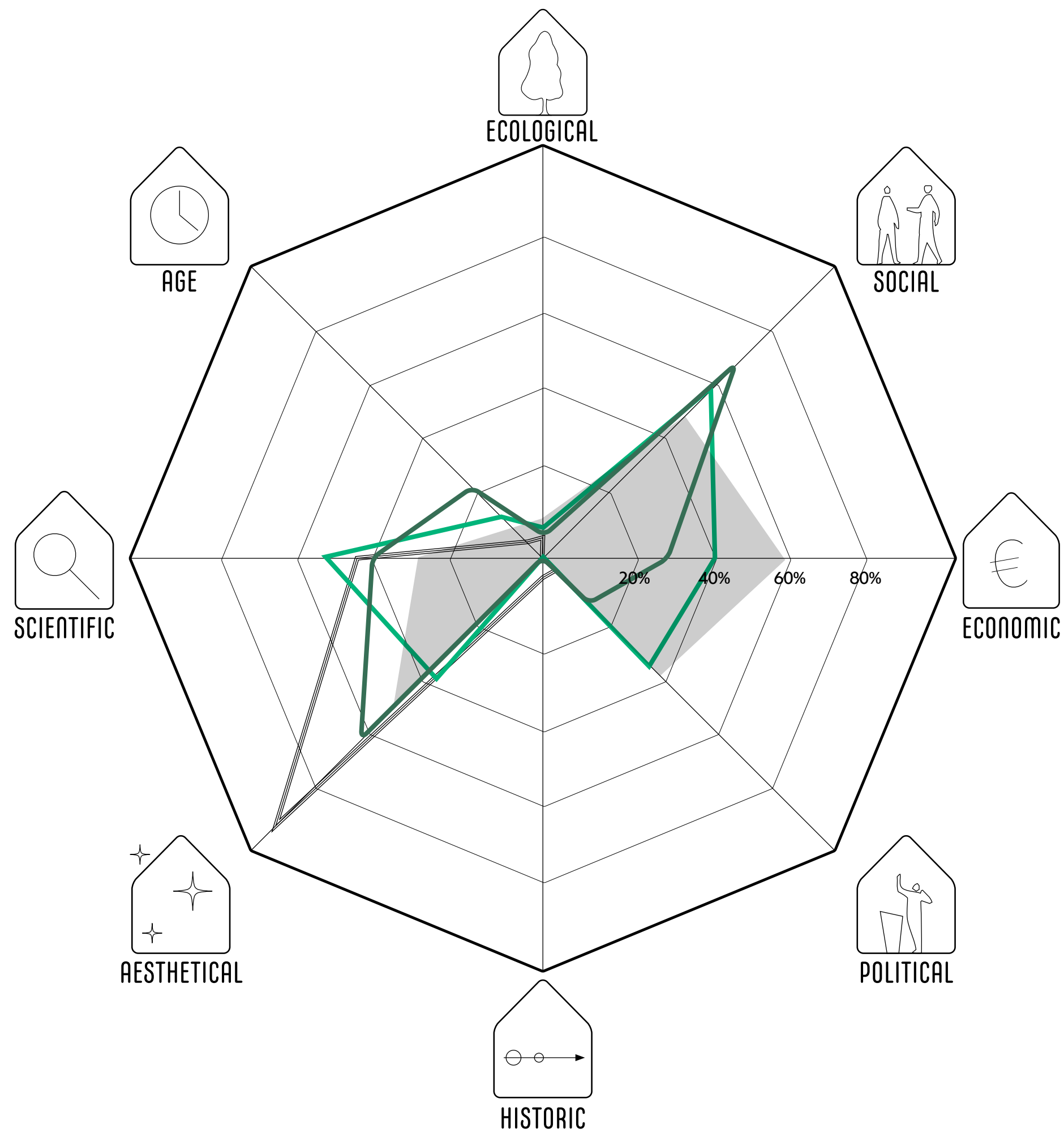
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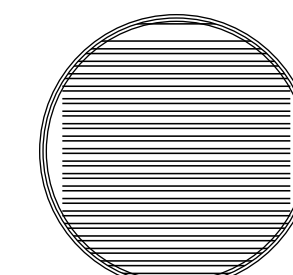
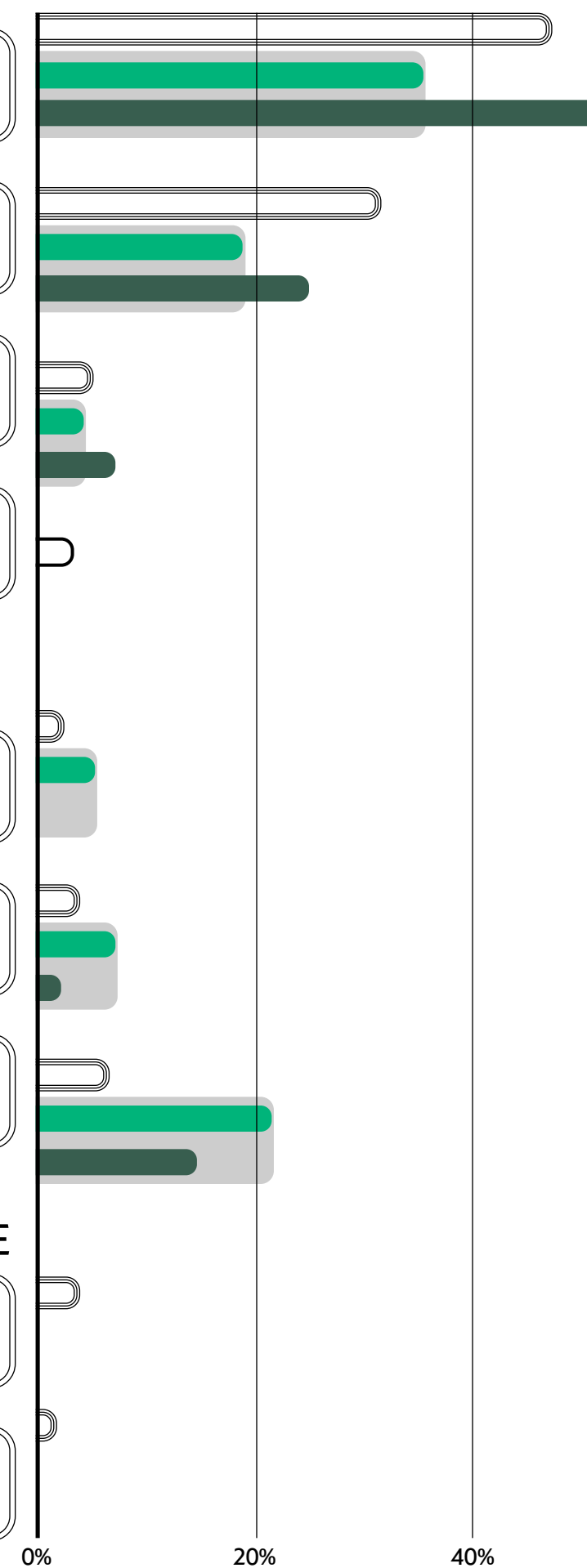
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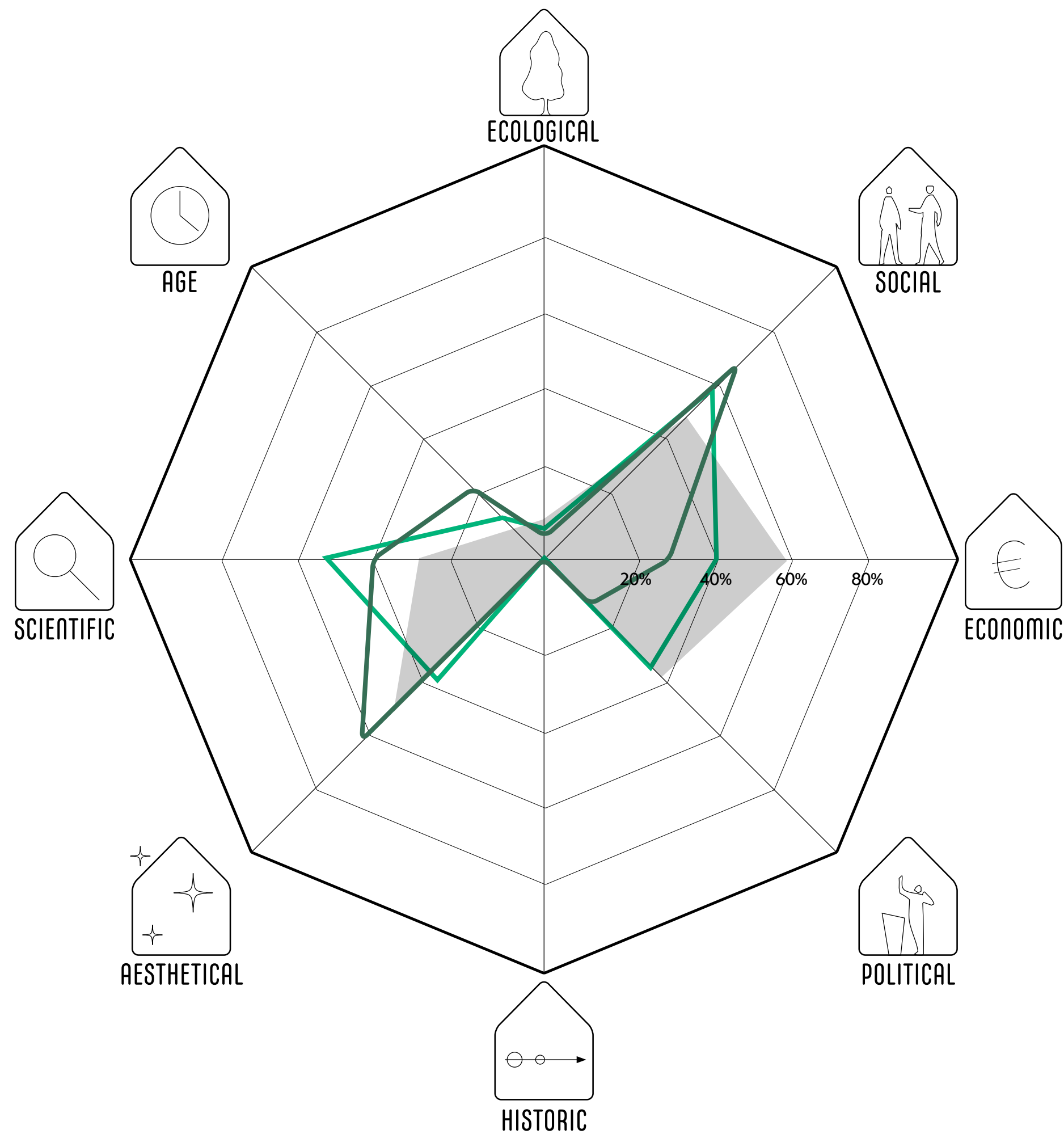
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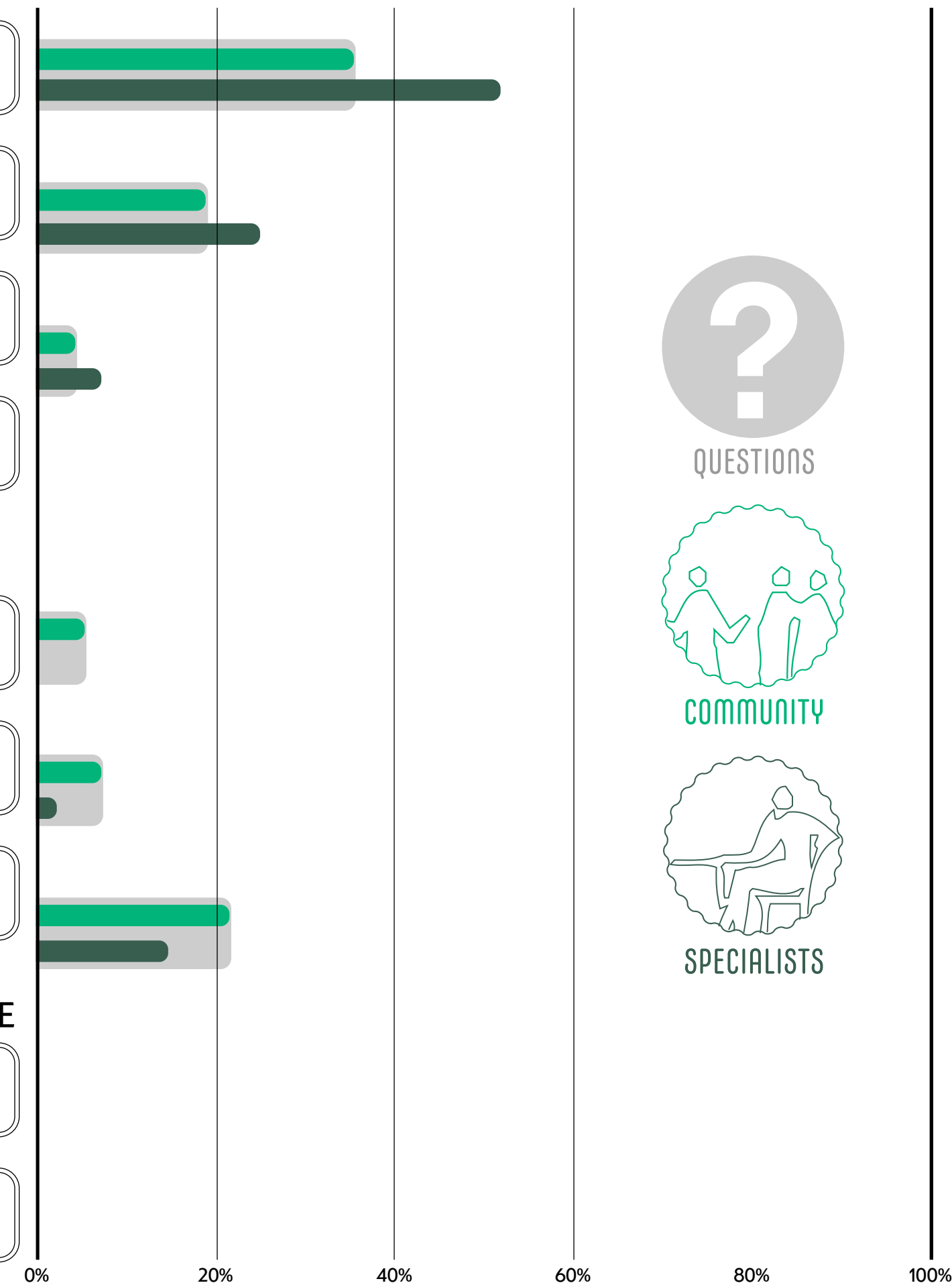
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QUESTIONS



COMMUNITY



SPECIALISTS

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**PART 2 RESEARCH**

**PART 3 DESIGN**

**PART 4 REFLECTION**

GOAL

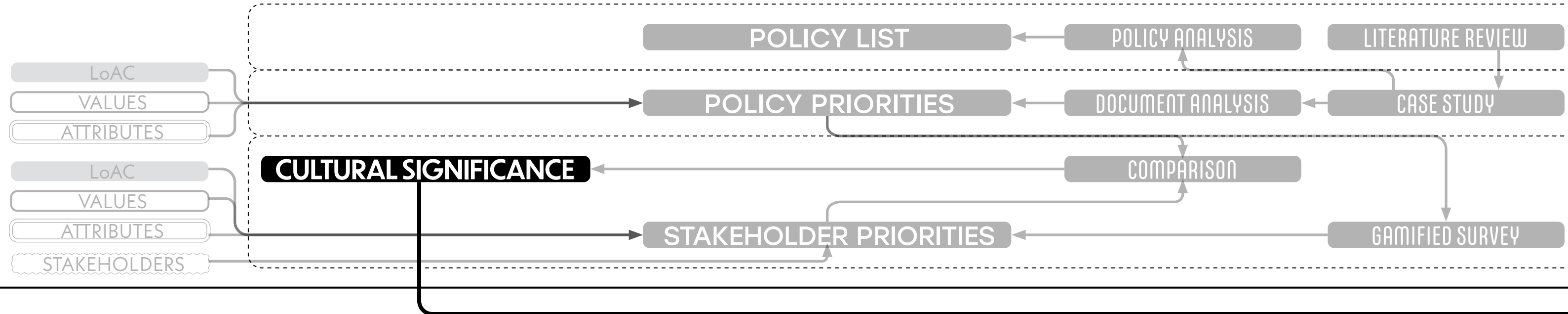
PRODUCT

METHODS

METHODOLOGY

# PART 1 INTRODUCTION

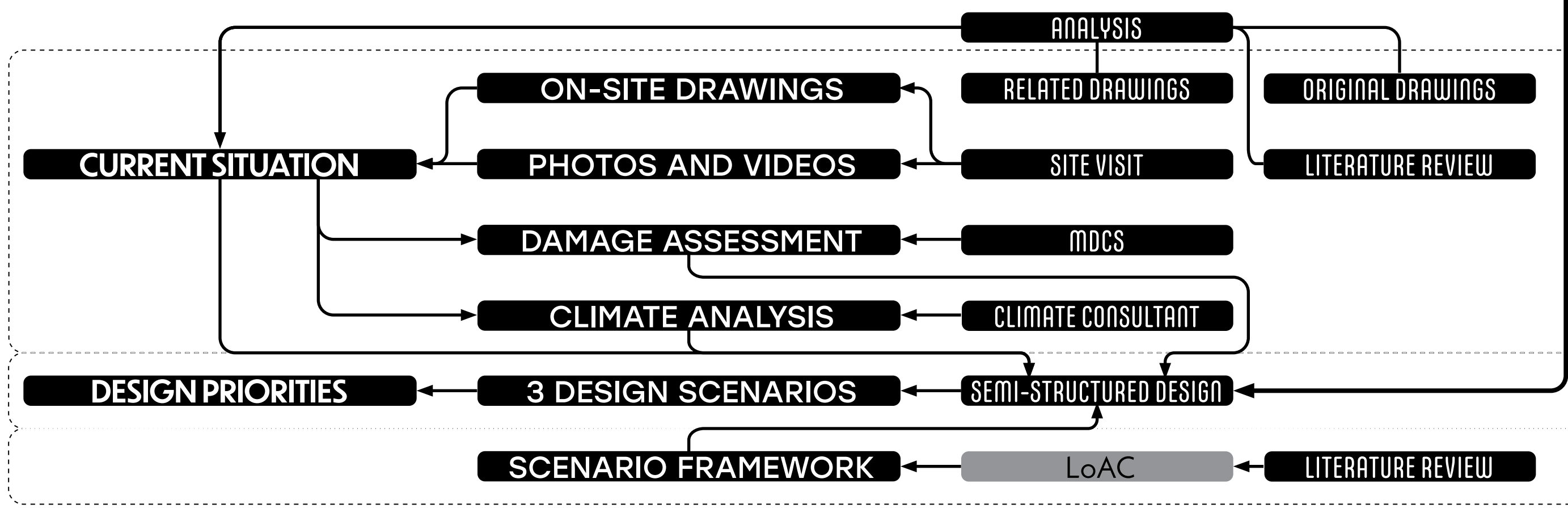
# PART 2 RESEARCH



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# PART 3 DESIGN



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# C MANAGE

- C1 PRIORITIZE
- C2 PROCESS REFLECTION

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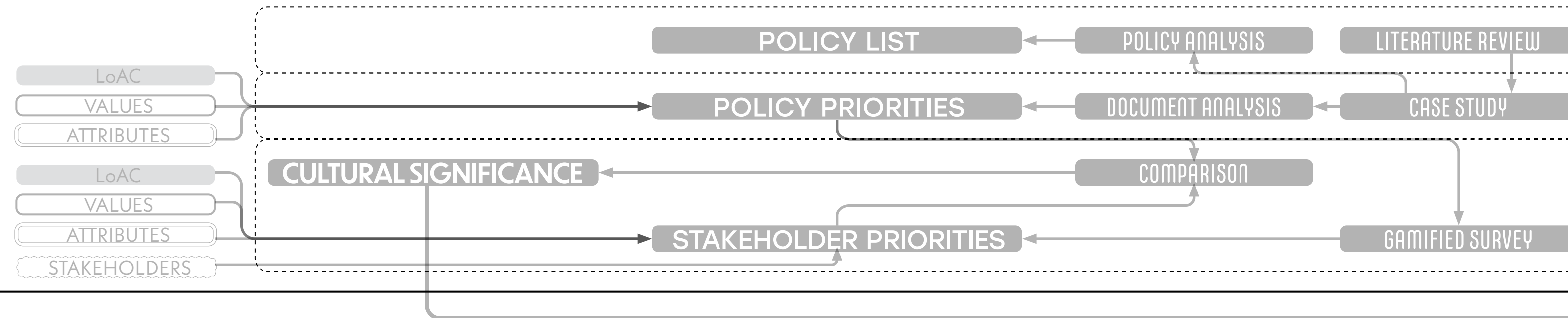
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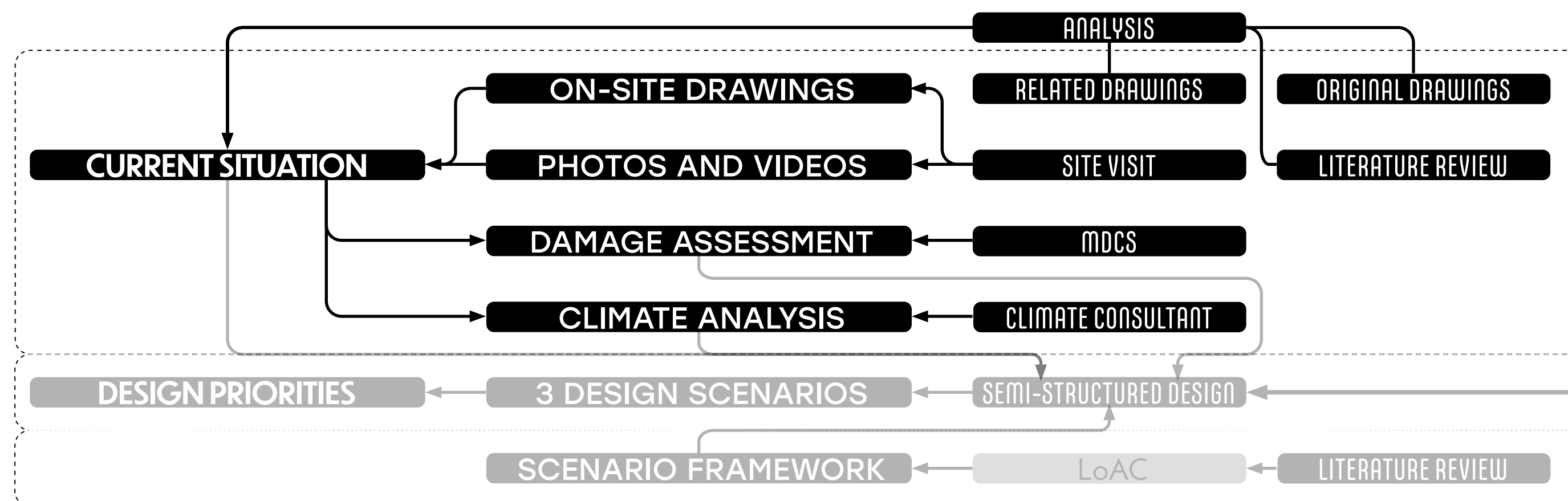
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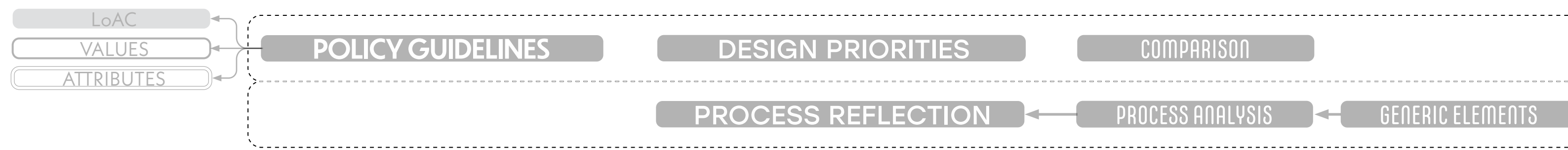
# PART 3 DESIGN



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# PART 4 REFLECTION



# C MANAGE

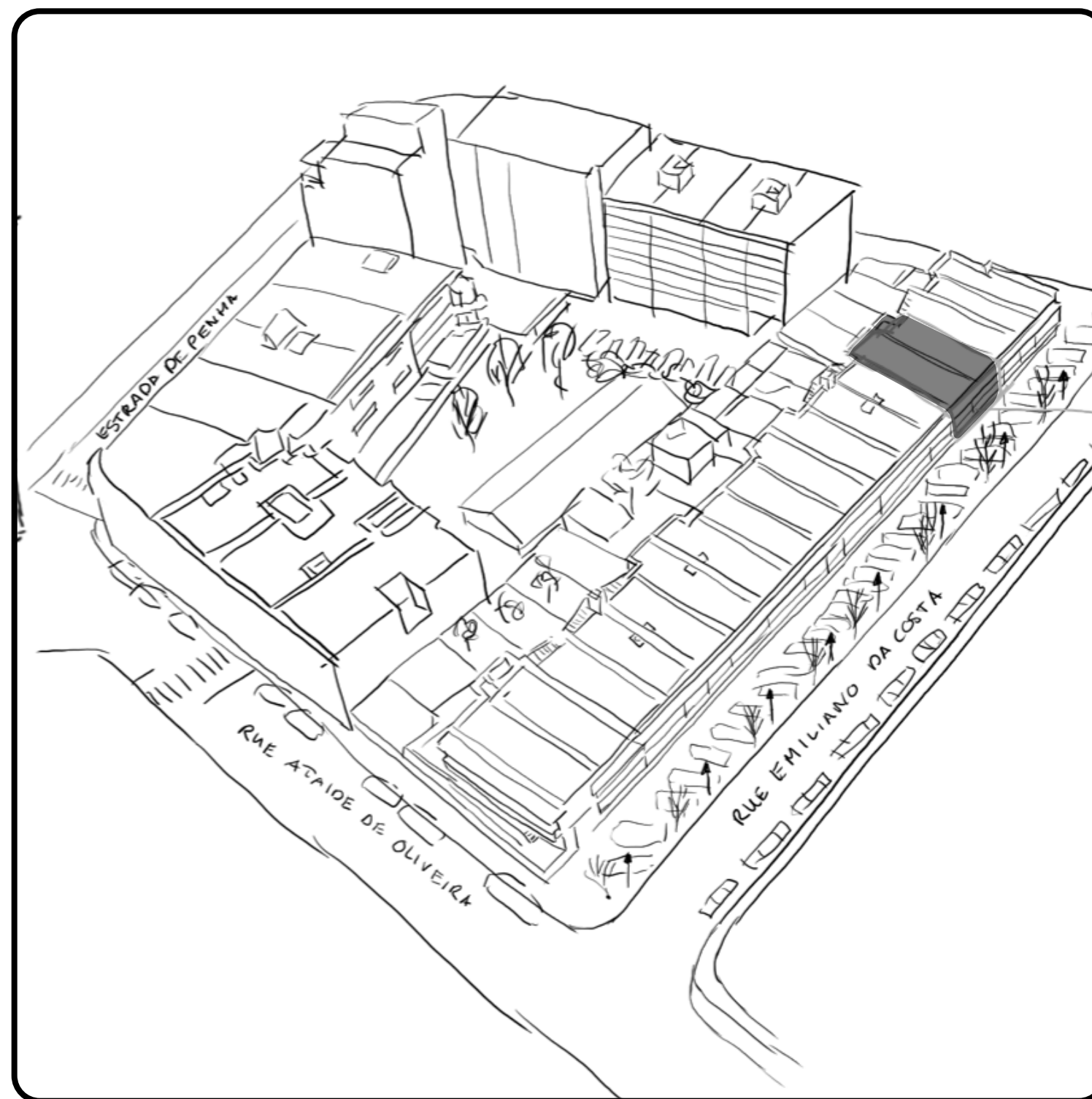
- C1 PRIORITIZE
- C2 PROCESS REFLECTION



São Luís



Block



Photo

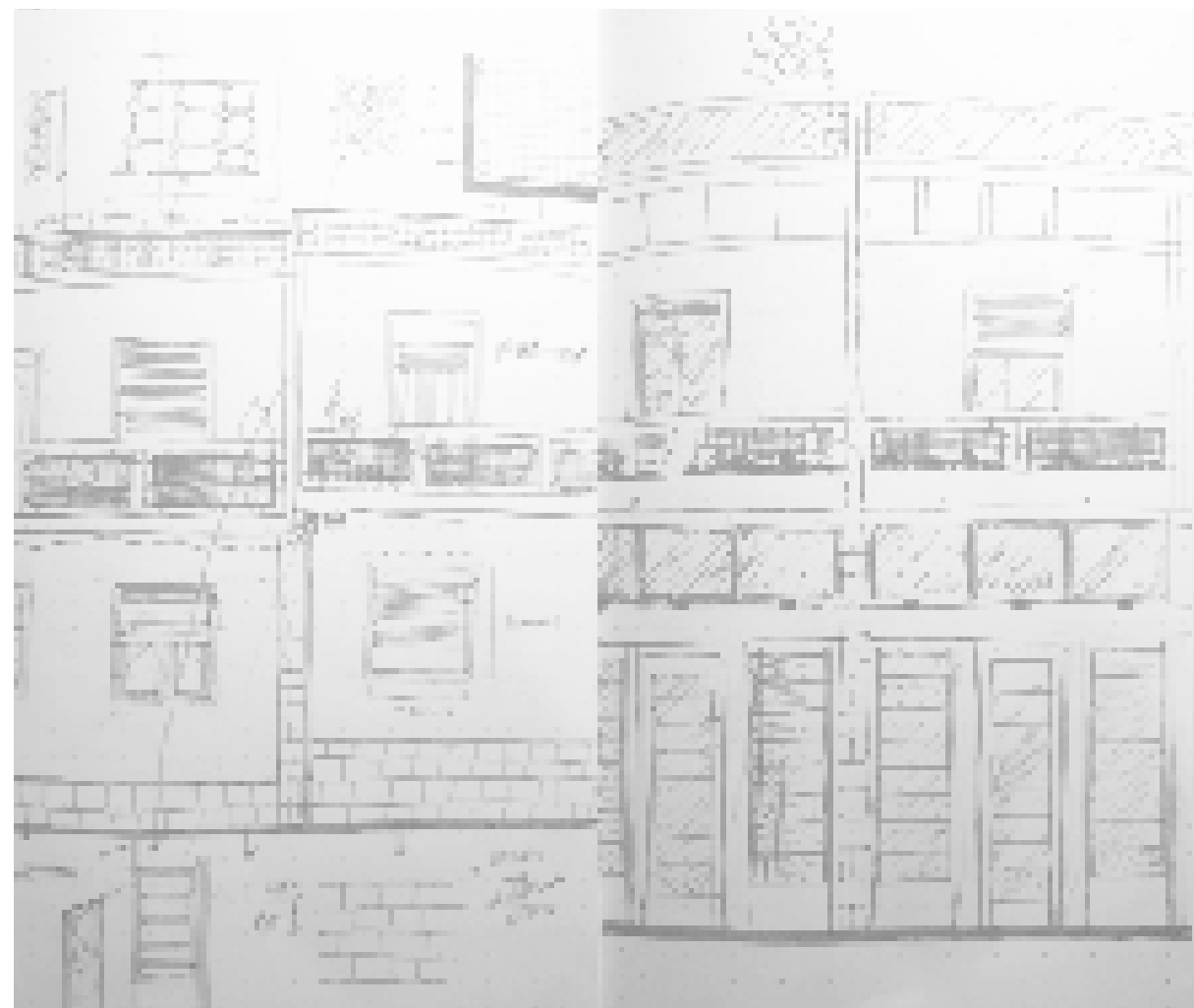


### SITE VISIT

PICTURES OF HOUSE, STREET NEIGHBORHOOD

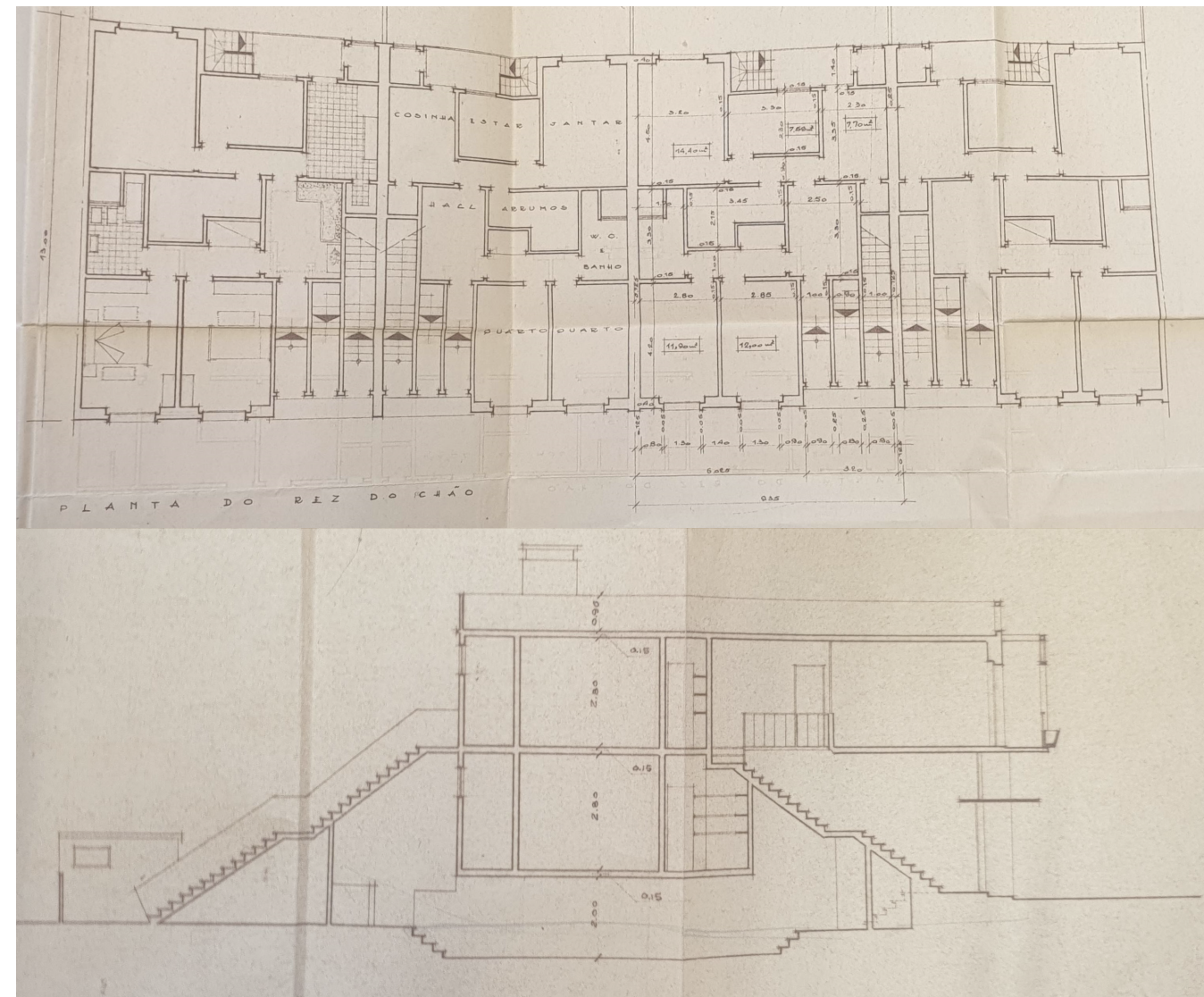


### ON-SITE DRAWINGS



### ORIGINAL DRAWINGS

DRAWINGS BY JORGE DE OLIVIERA OF HOUSE



DRAWINGS BY JORGE DE OLIVIERA AND GOMEZ DA COSTA OF HOUSES IN NEIGHBORHOOD



### SOURCES

#### 1925-1965 ALGARVE ARCHITECTURE



Agarez Ricardo Costa. 2016. Algarve Building : Modernism Regionalism and Architecture in the South of Portugal 1925-1965. New York: Routledge Taylor & Francis Group.

#### THESIS ON GOMES DA COSTA

Victor Hugo de Jesus Faustino, "Manuel Gomes da Costa e a arquitectura moderna em Faro" (Master Thesis Universidade de Évora, 2018), <http://hdl.handle.net/10174/29780>.

#### WALL CONSTRUCTION METHODS

Luís Silva et al., SEISMIC PERFORMANCE OF PORTUGUESE MASONRY INFILL WALLS: FROM TRADITIONAL SYSTEMS TO NEW SOLUTIONS (2019).

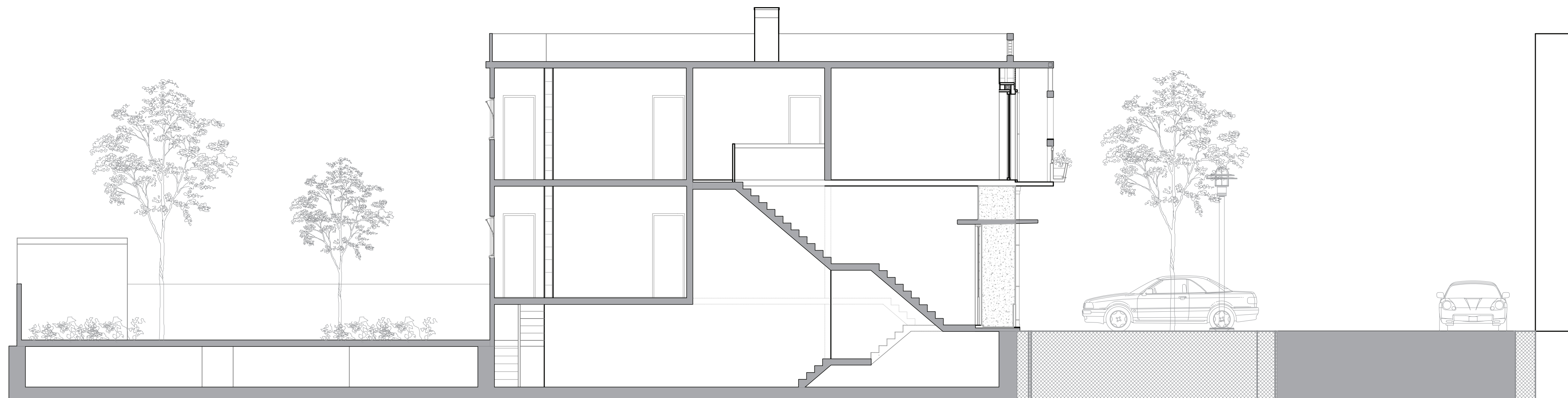
#### DICTORIAL REGIME AND ARCHITECTURE

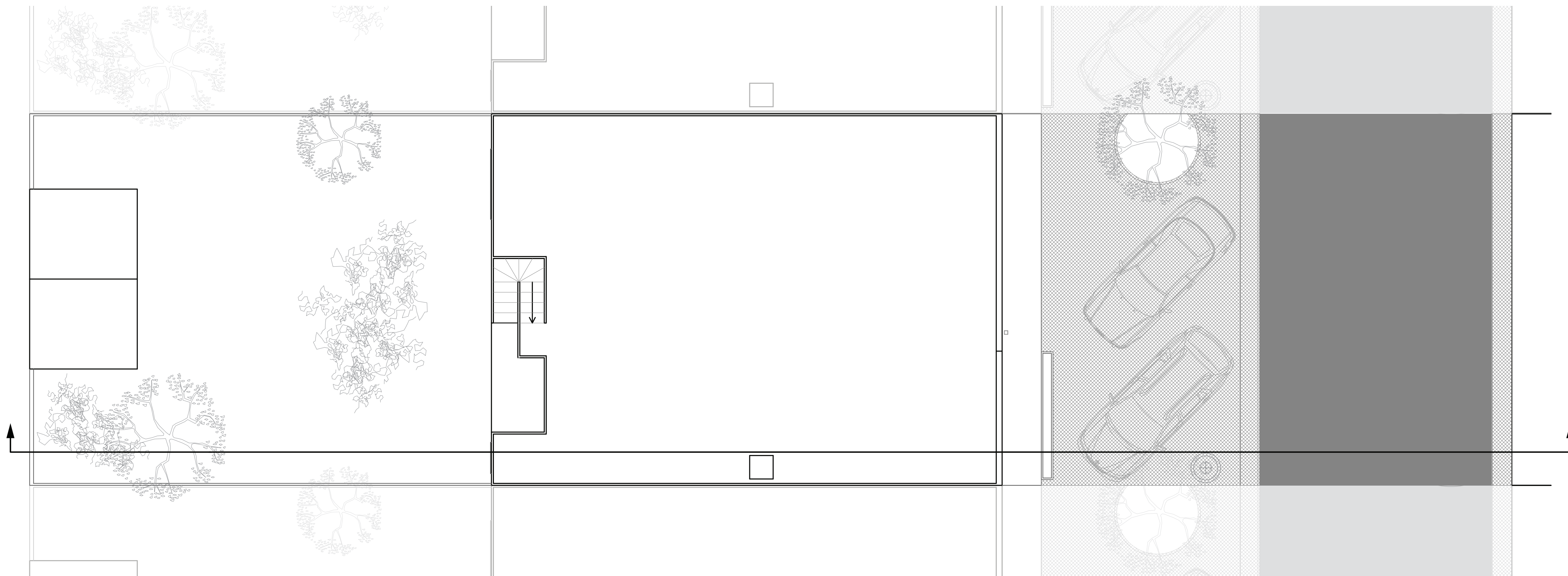
Licordari, Mariangela. "The Difficult Affirmation of Modern Architecture in the Portugal of the Salazarist Regime." Review of Arts and Humanities 6, no. 2 (2017): 10. <https://doi.org/10.15640/rah.v6n2a2>.

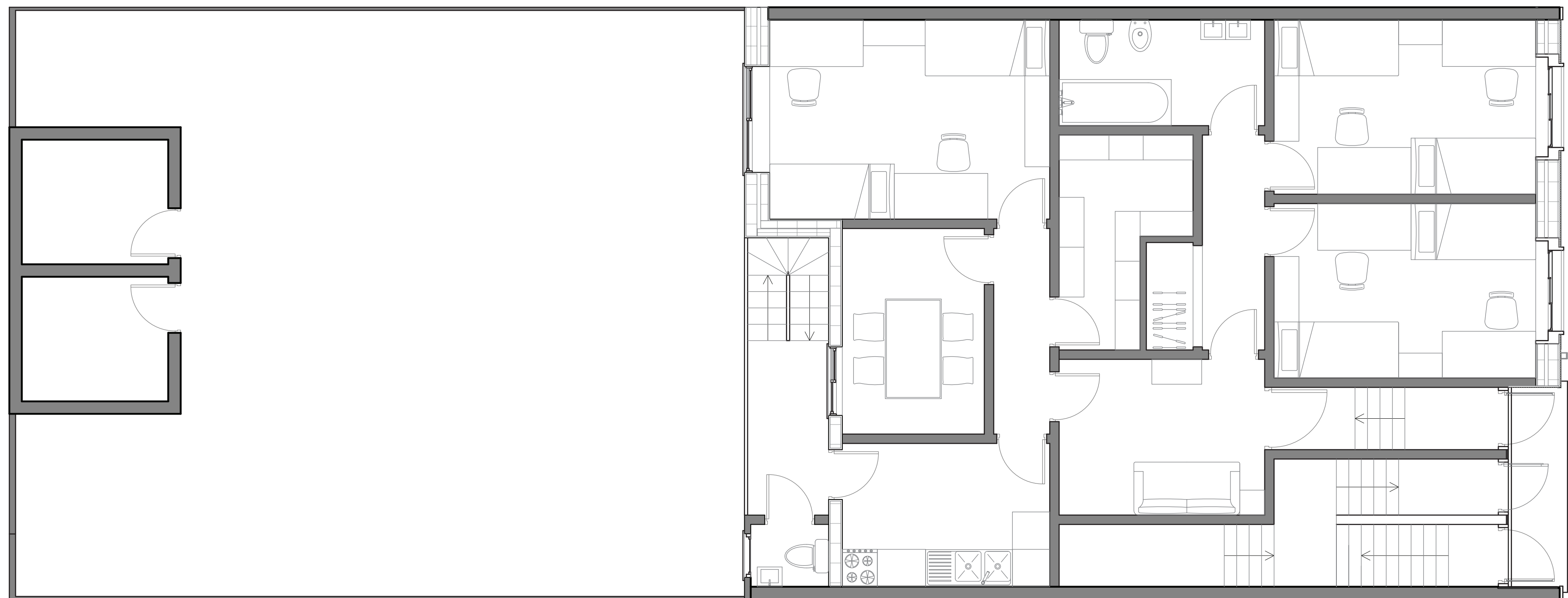


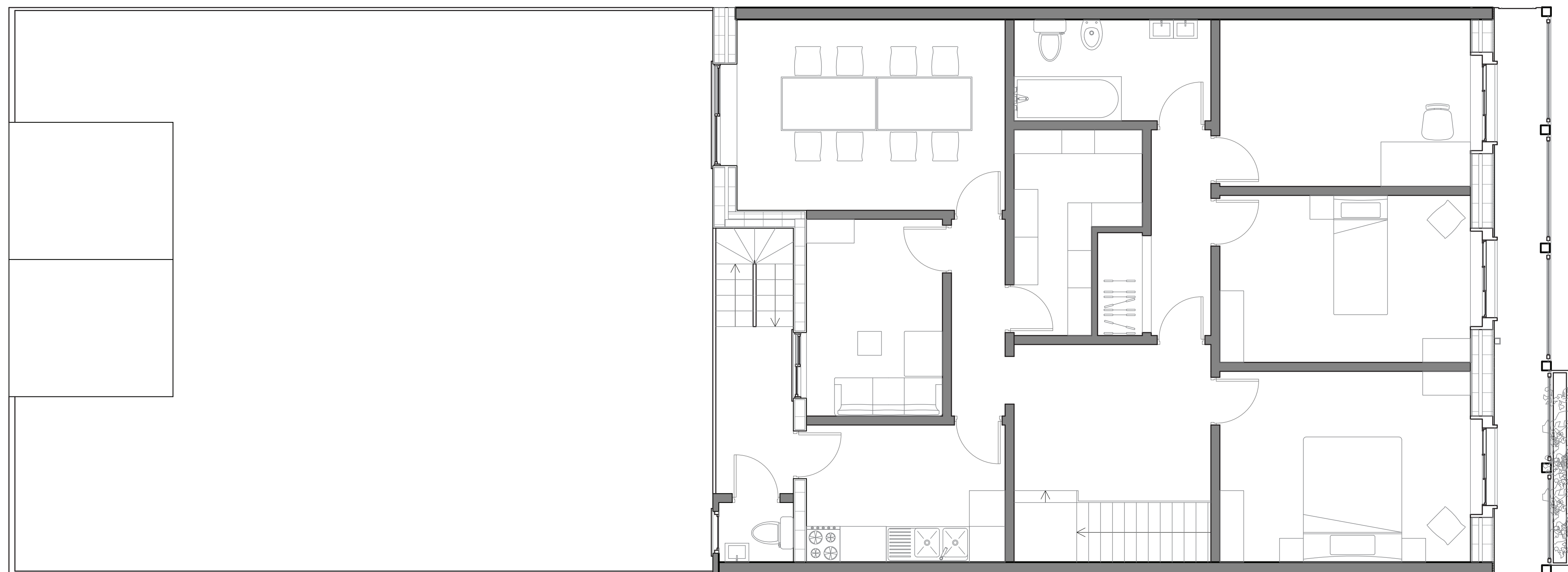














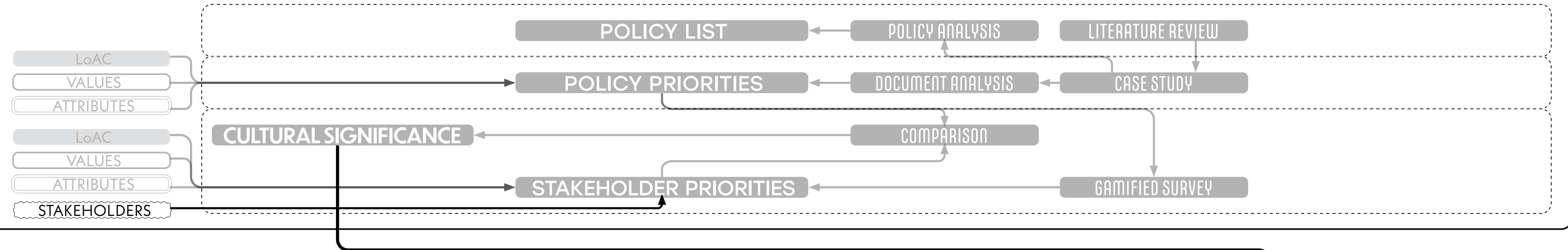
GOAL

PRODUCT

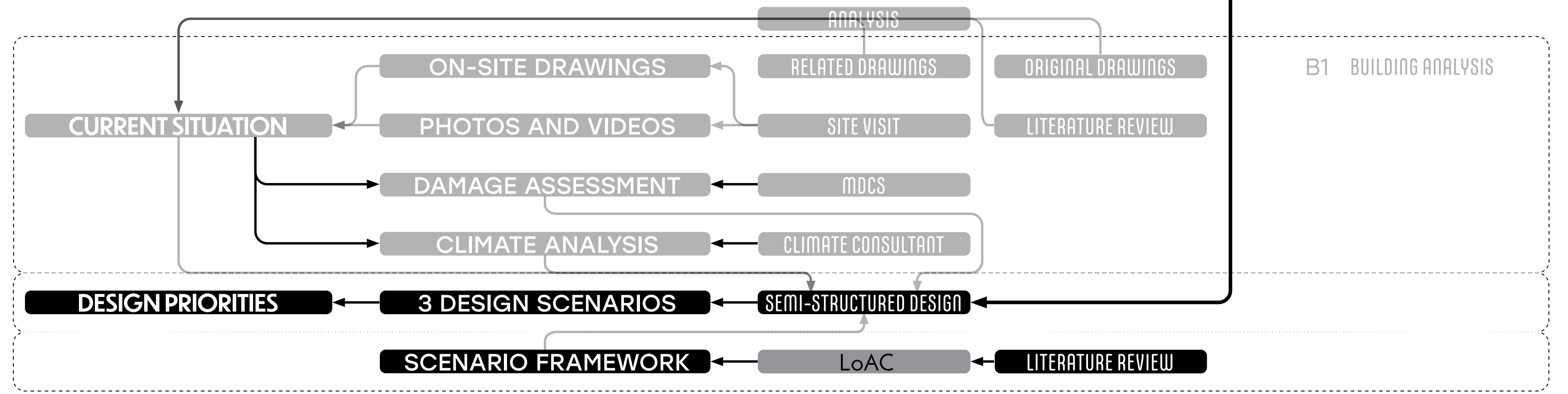
METHODS

# PART 1 INTRODUCTION

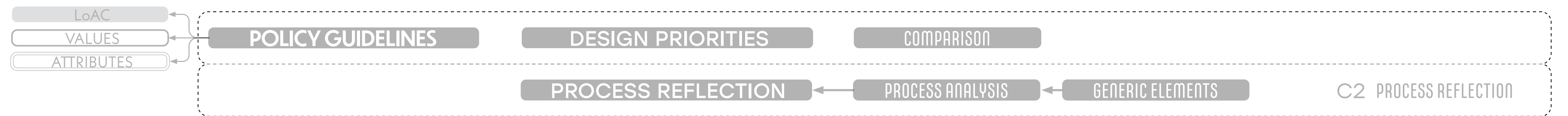
# PART 2 RESEARCH

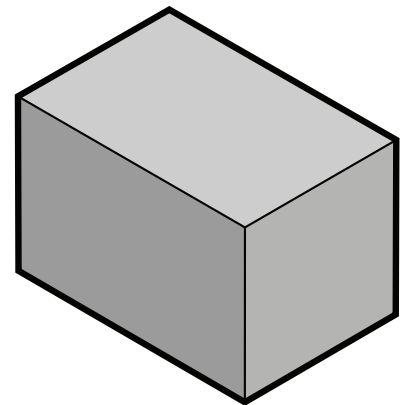
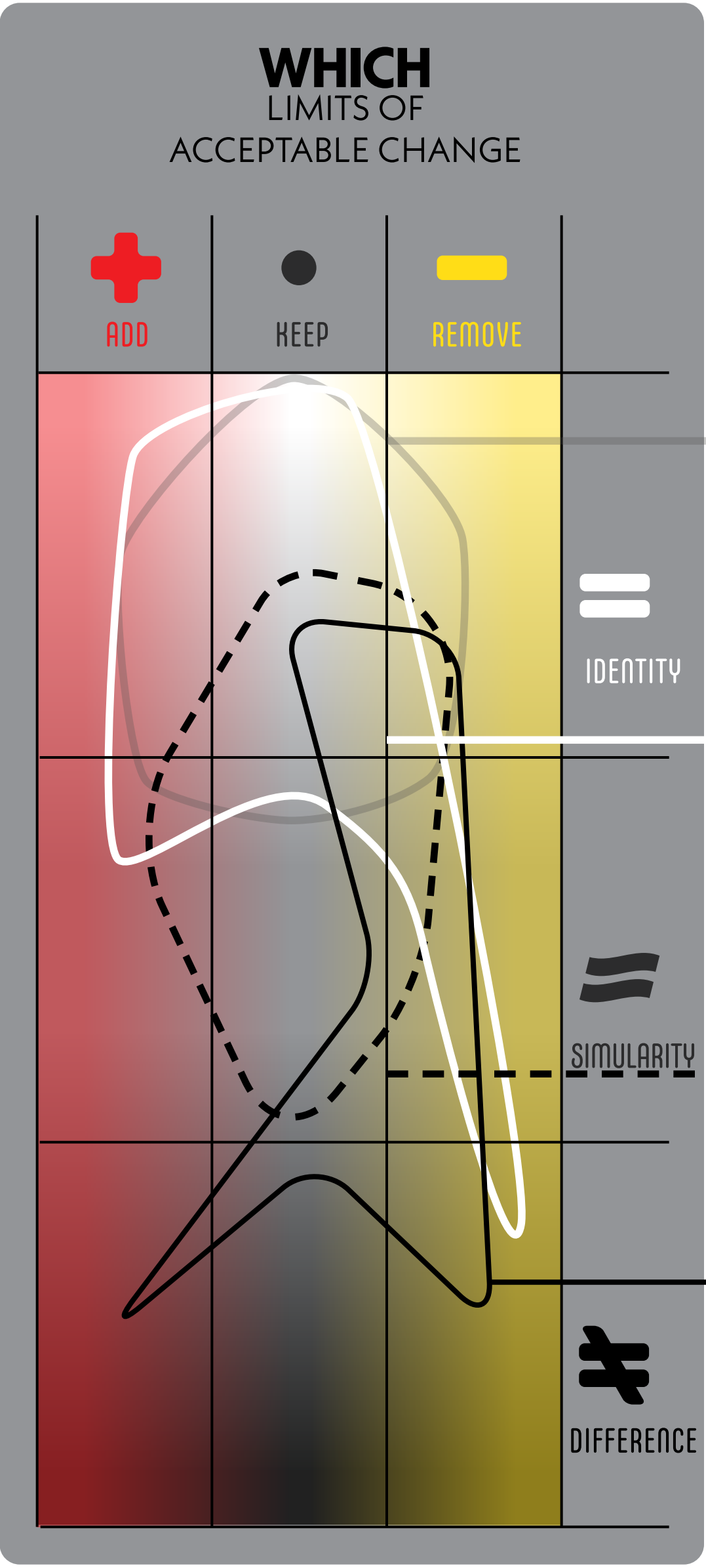


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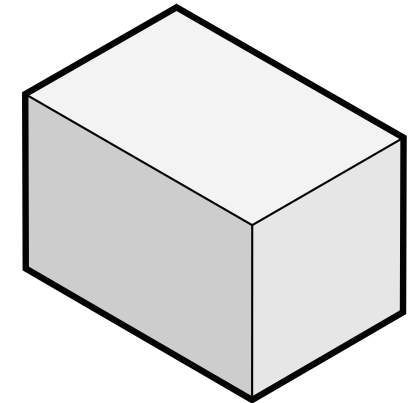


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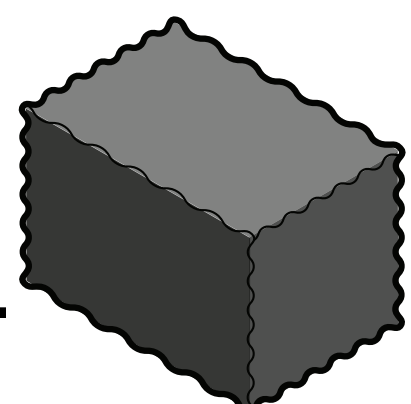




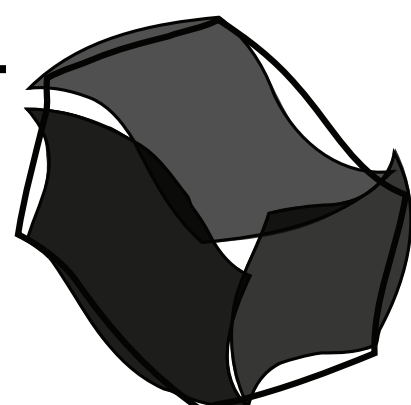
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SCENARIO 1.

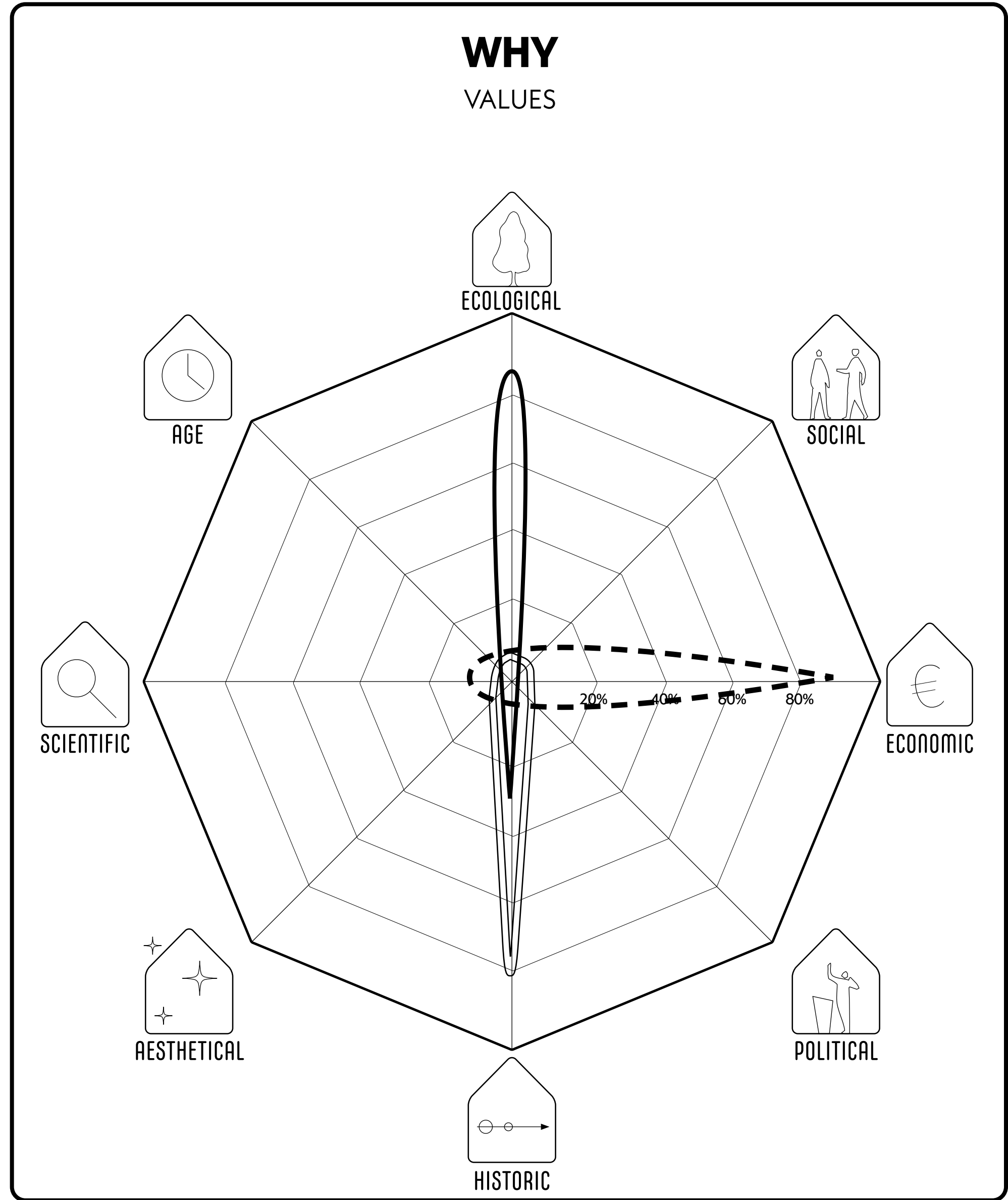
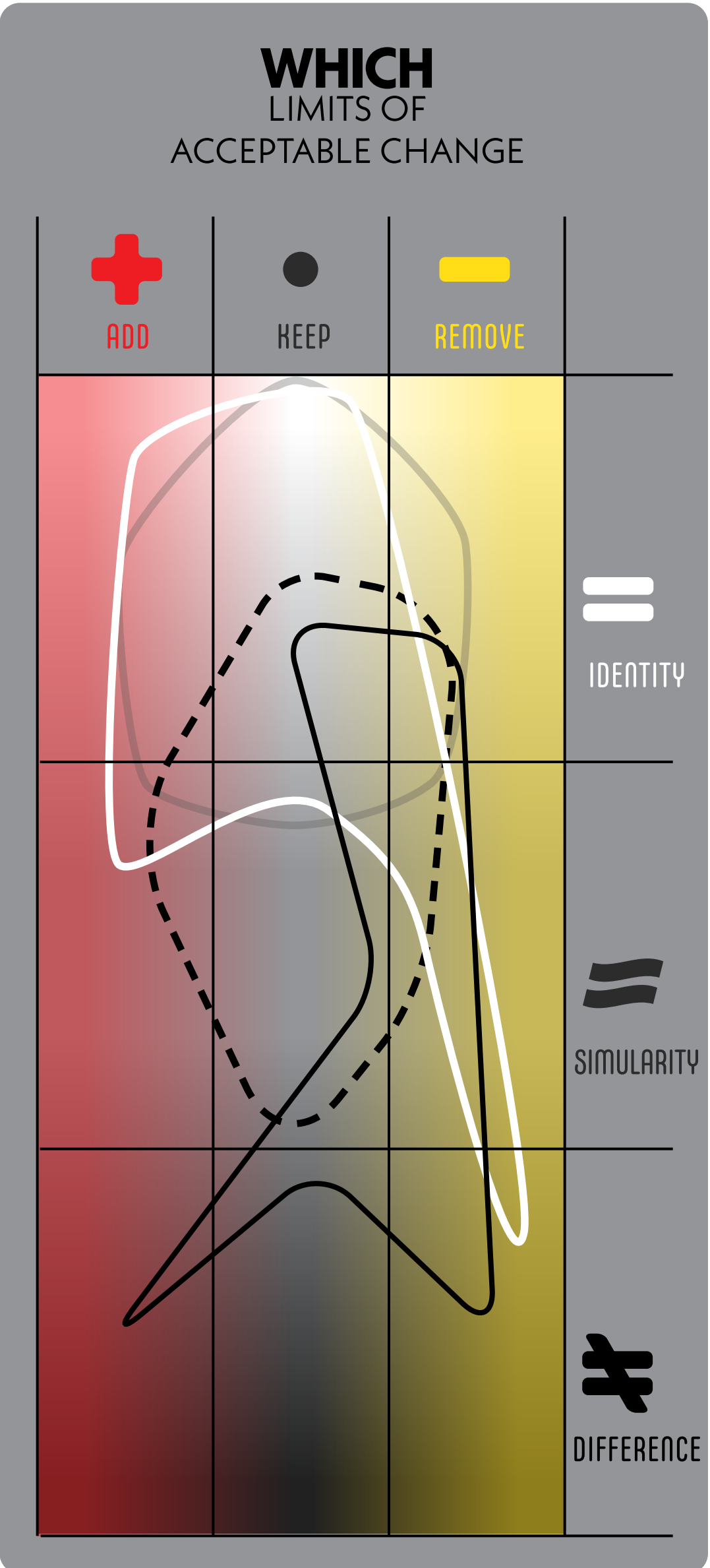


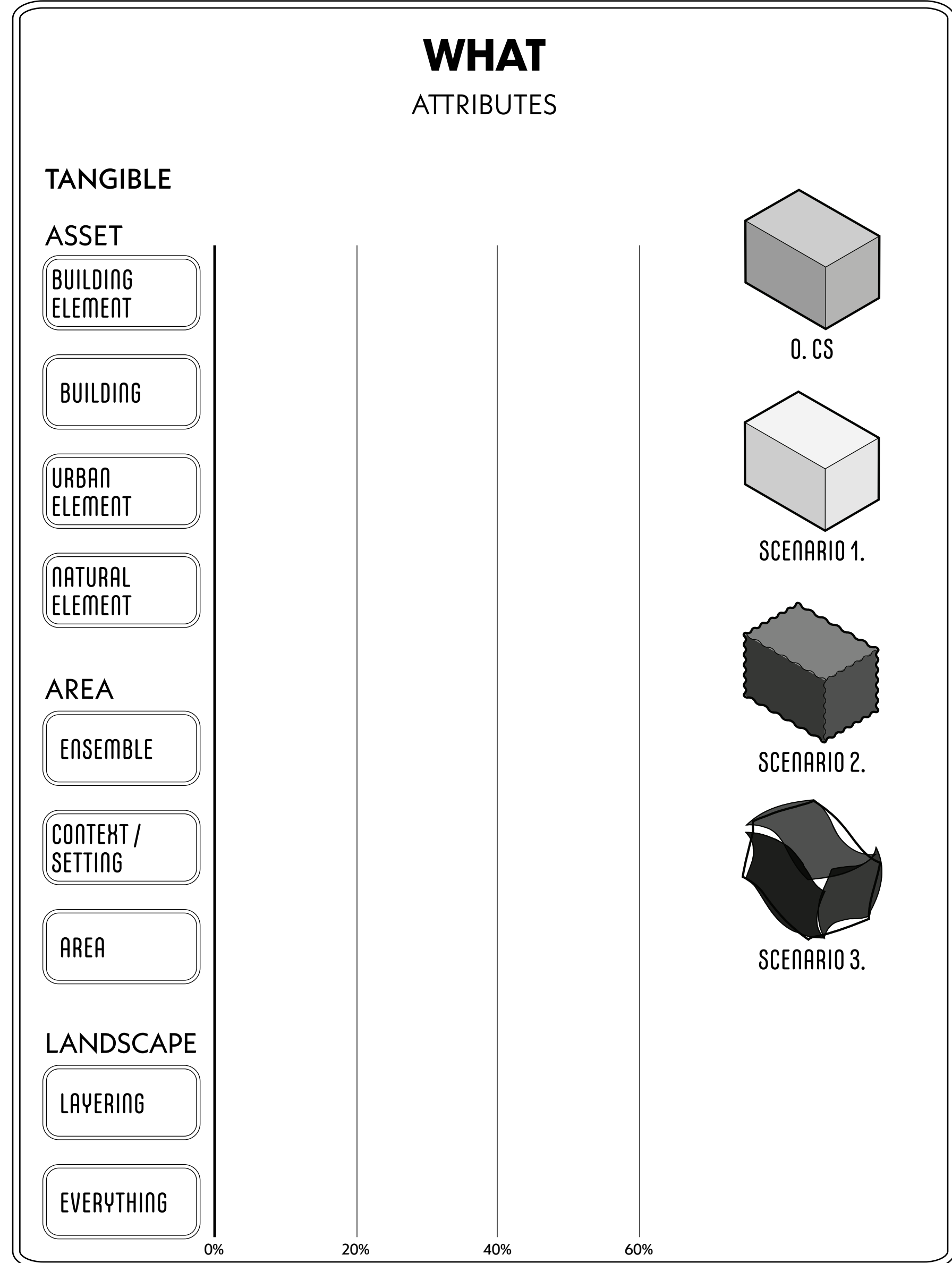
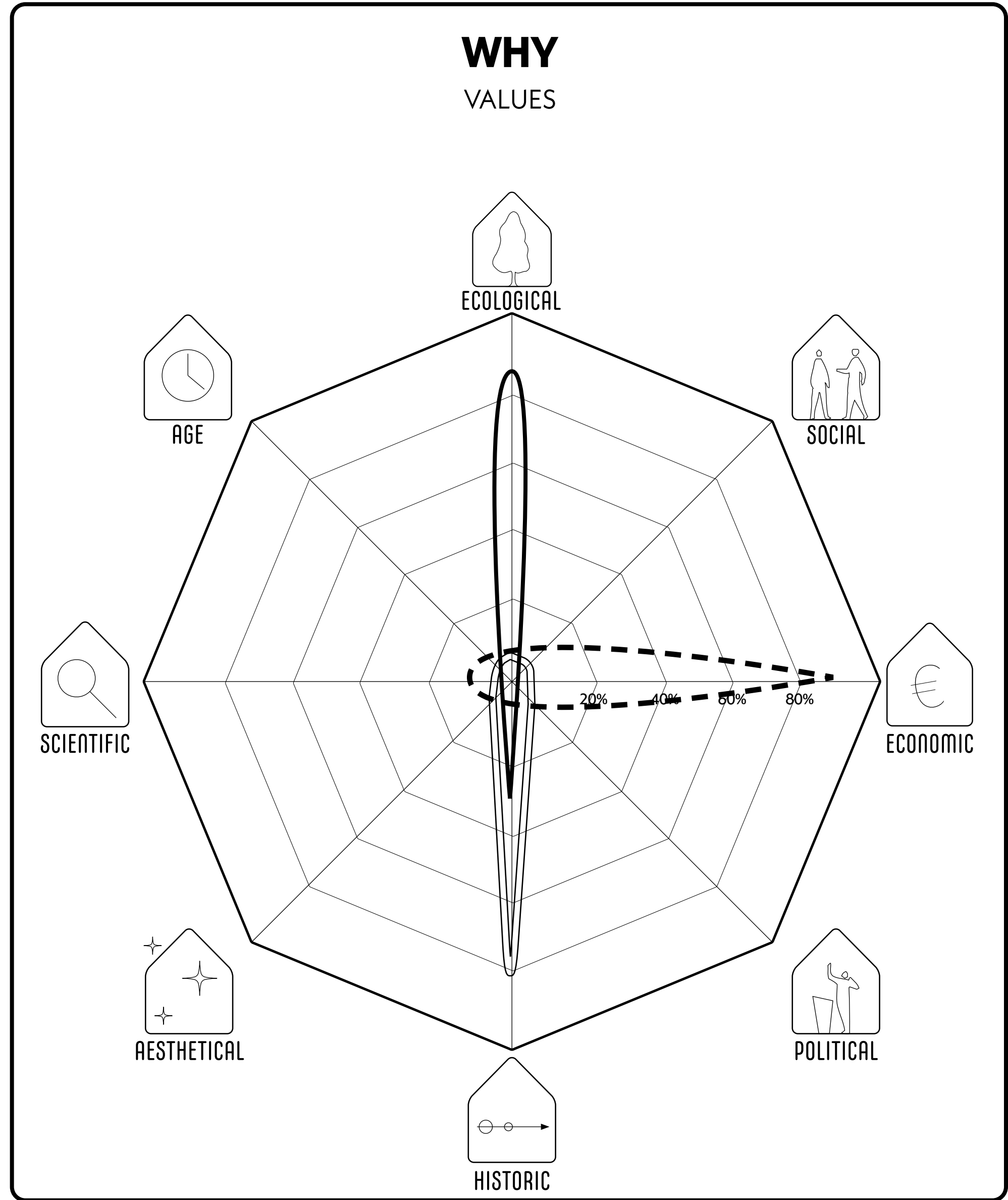
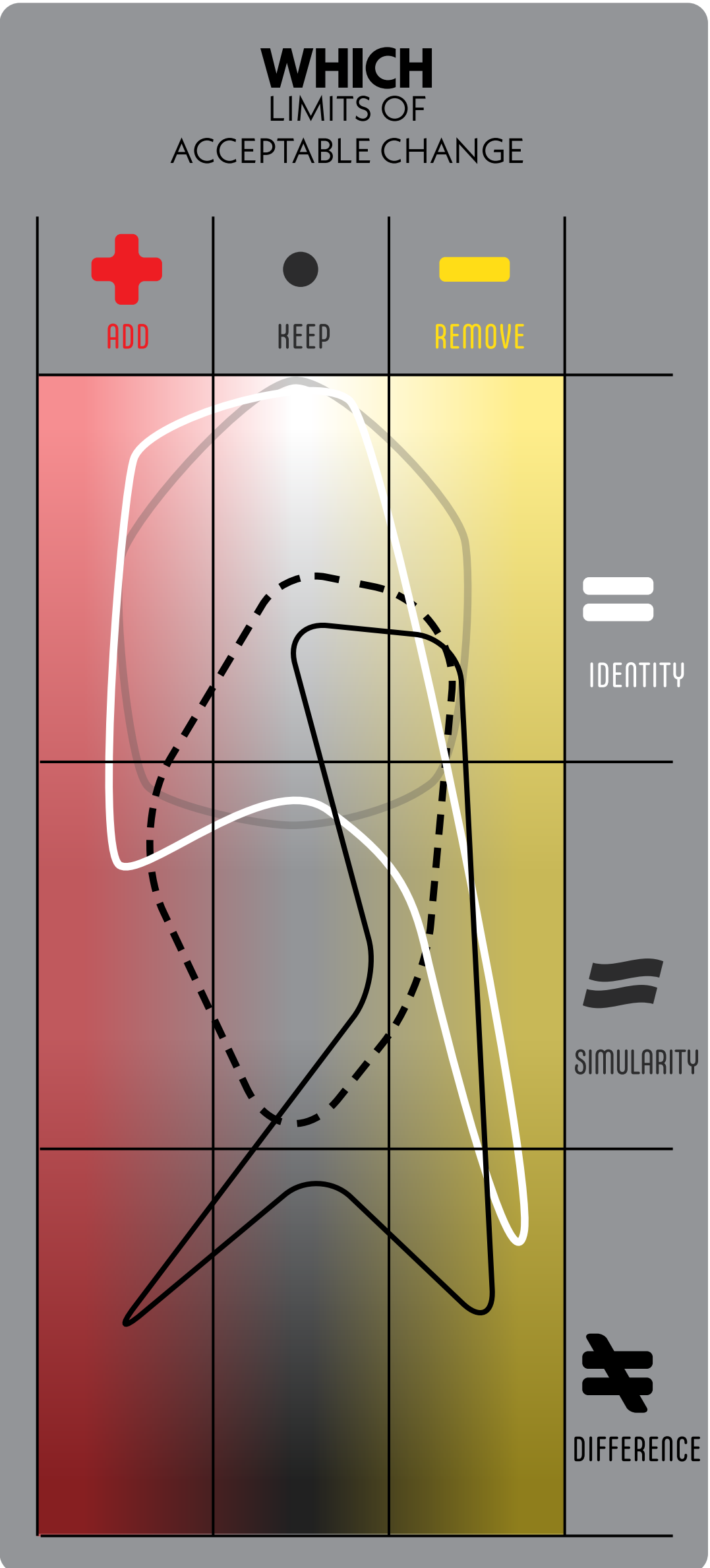
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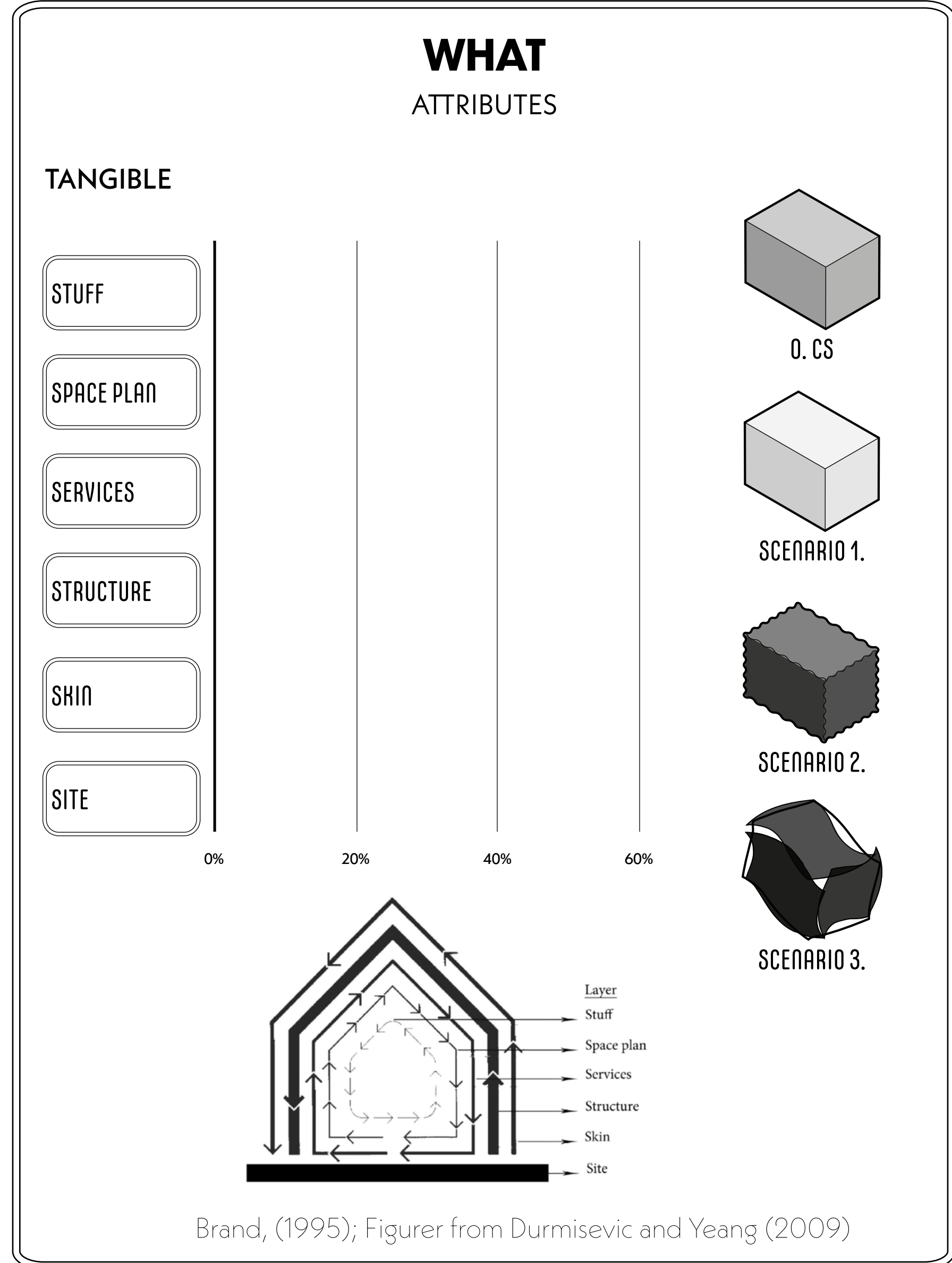
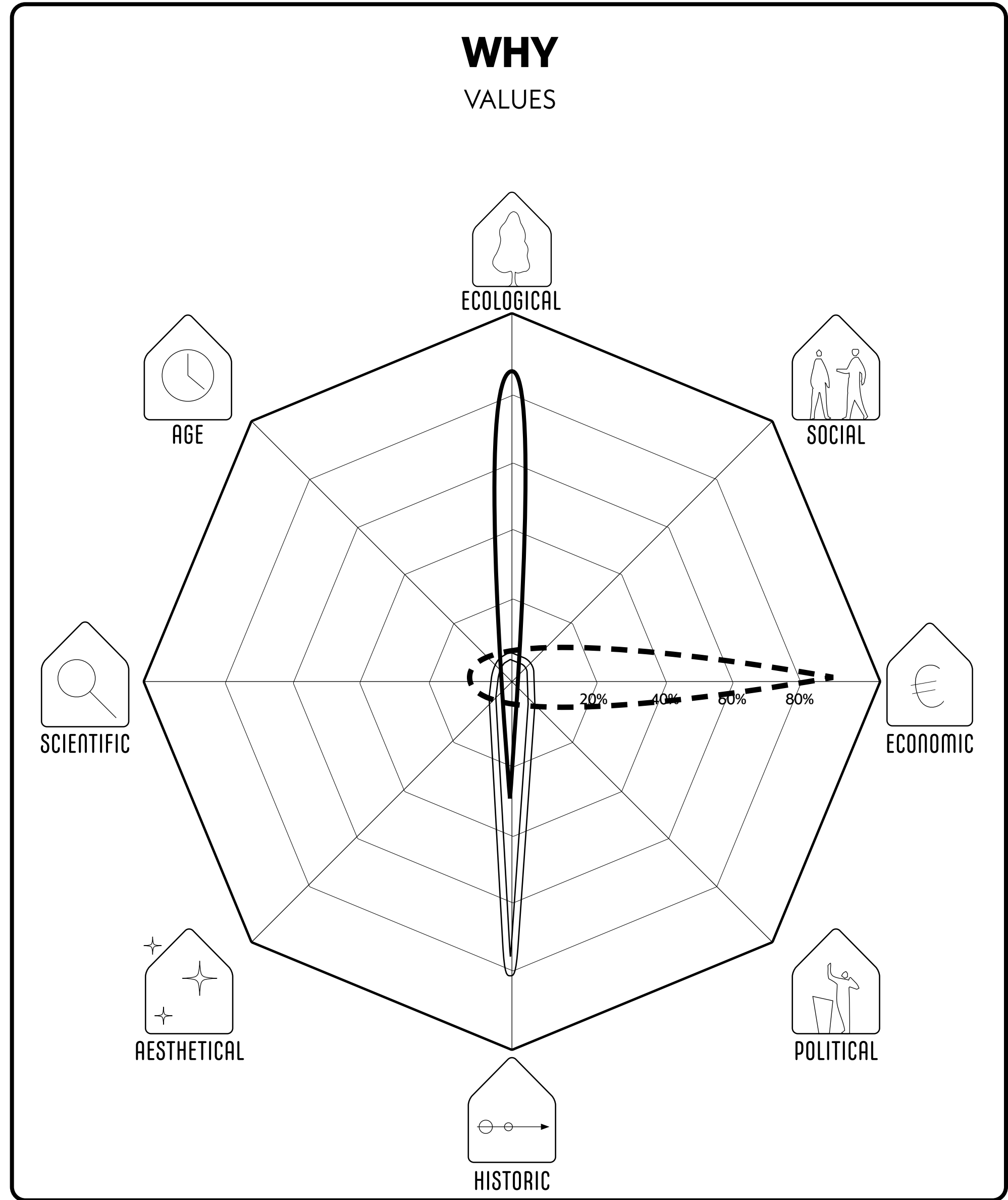
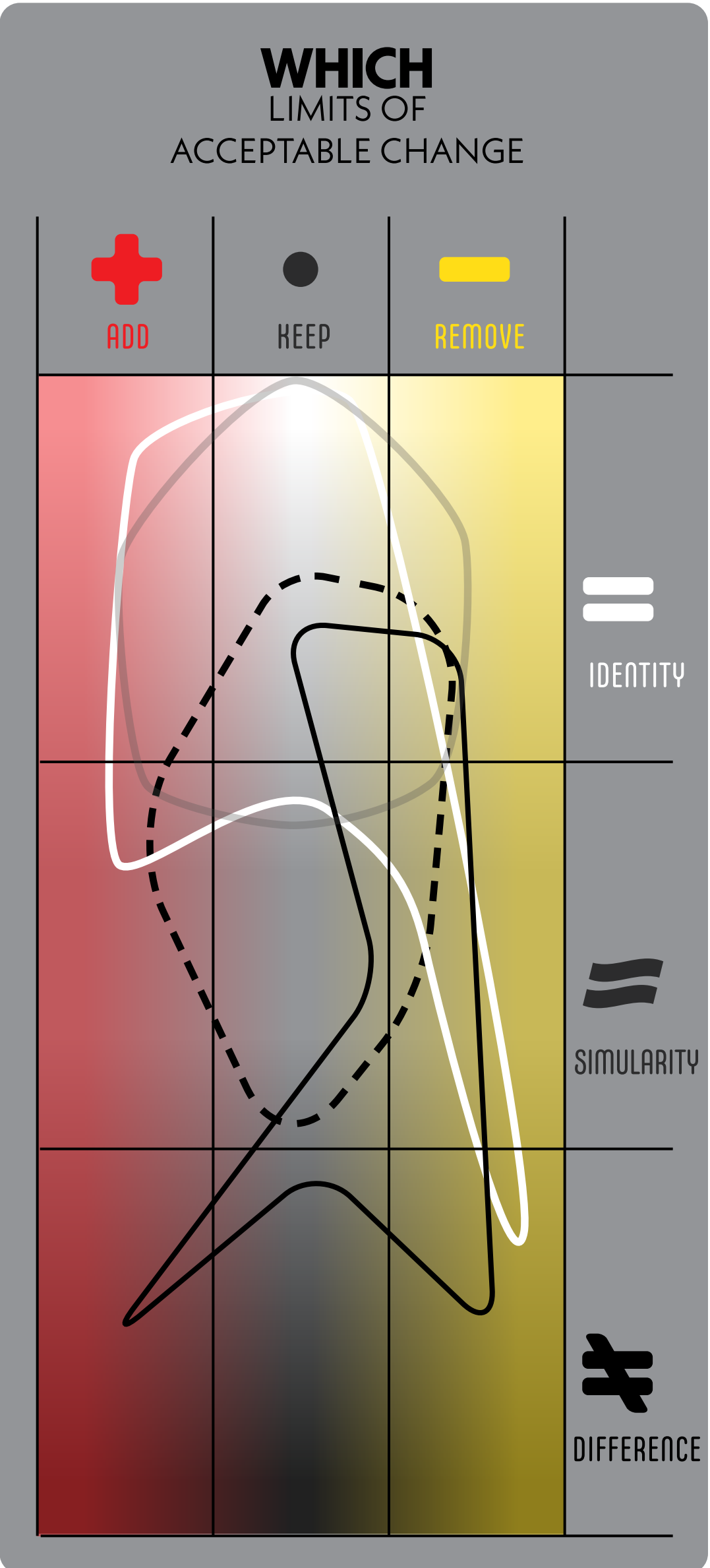


SCENARIO 3.











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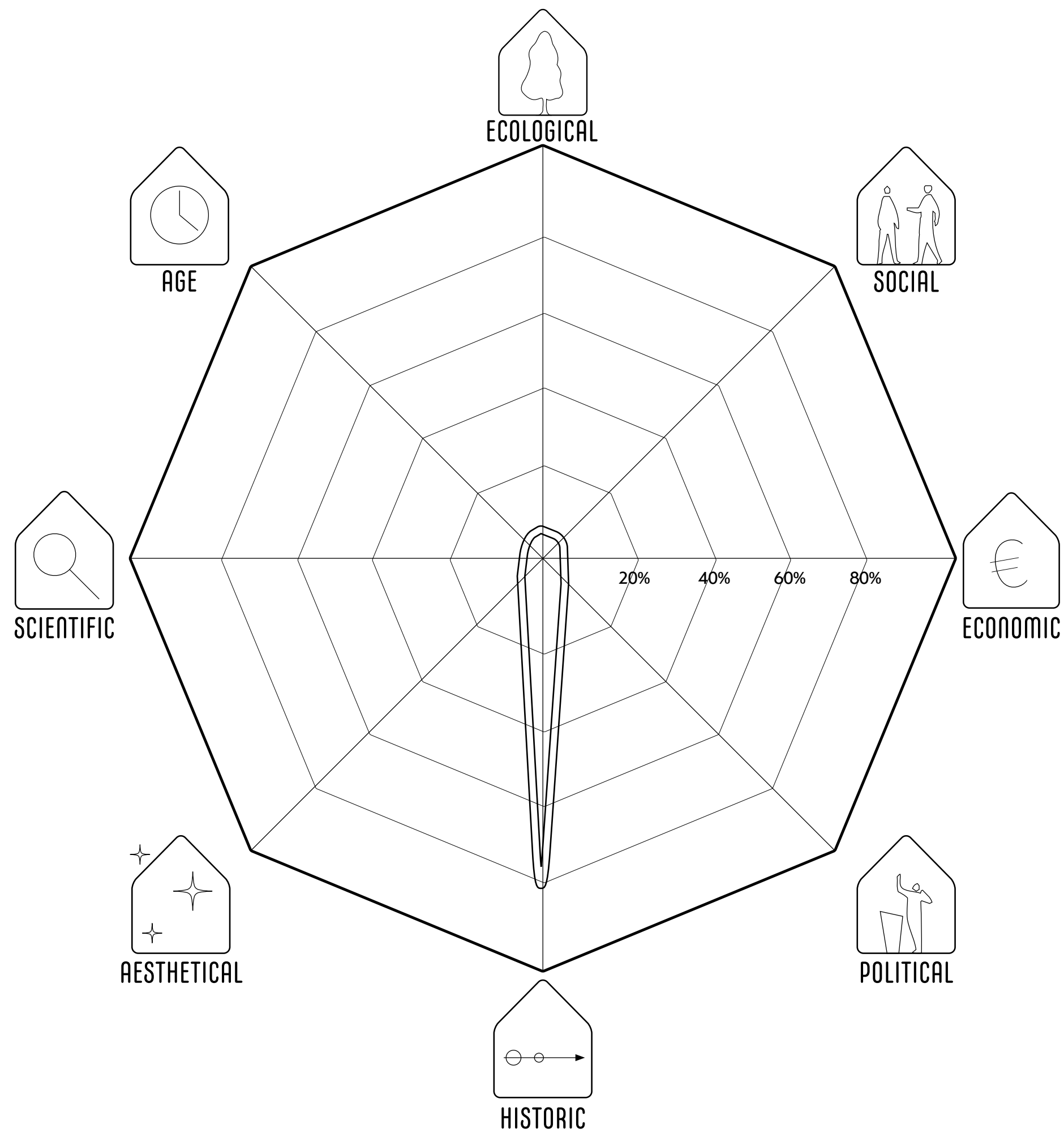
IDENTITY

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SCENARIO 1.



Disintegration and Replaced:  
Steel eave  
(original concrete eave)



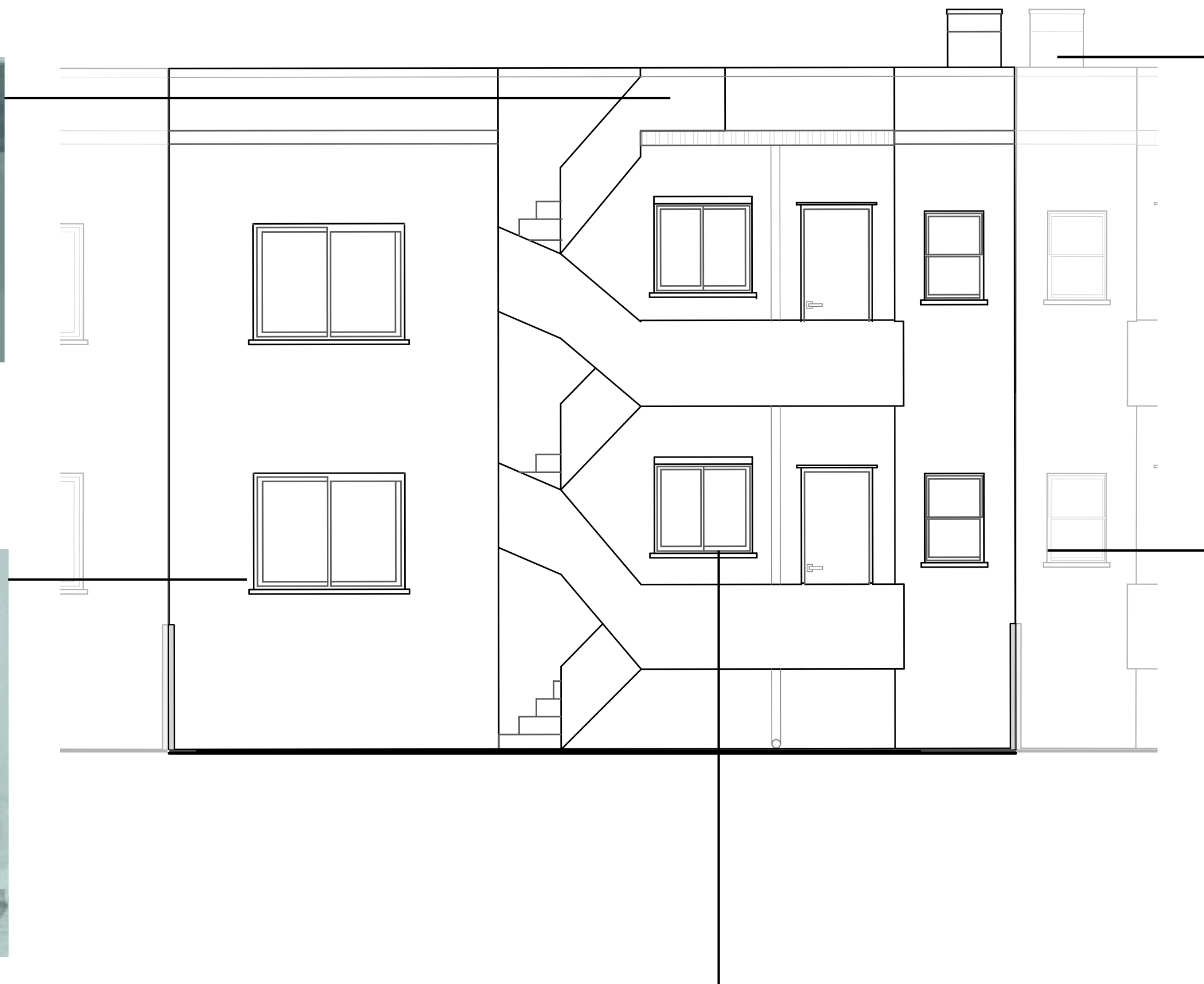
Replaced:  
PVC window frames  
(original wooden window frames)



Disintegration and Cracking:  
White plaster on concrete



Paint damage:  
Original wooden window frames





Replaced:  
PVC window frames and shutters  
(original wooden window frames and shutters)



Replaced:  
PVC window shutters  
(original wooden window shutters)

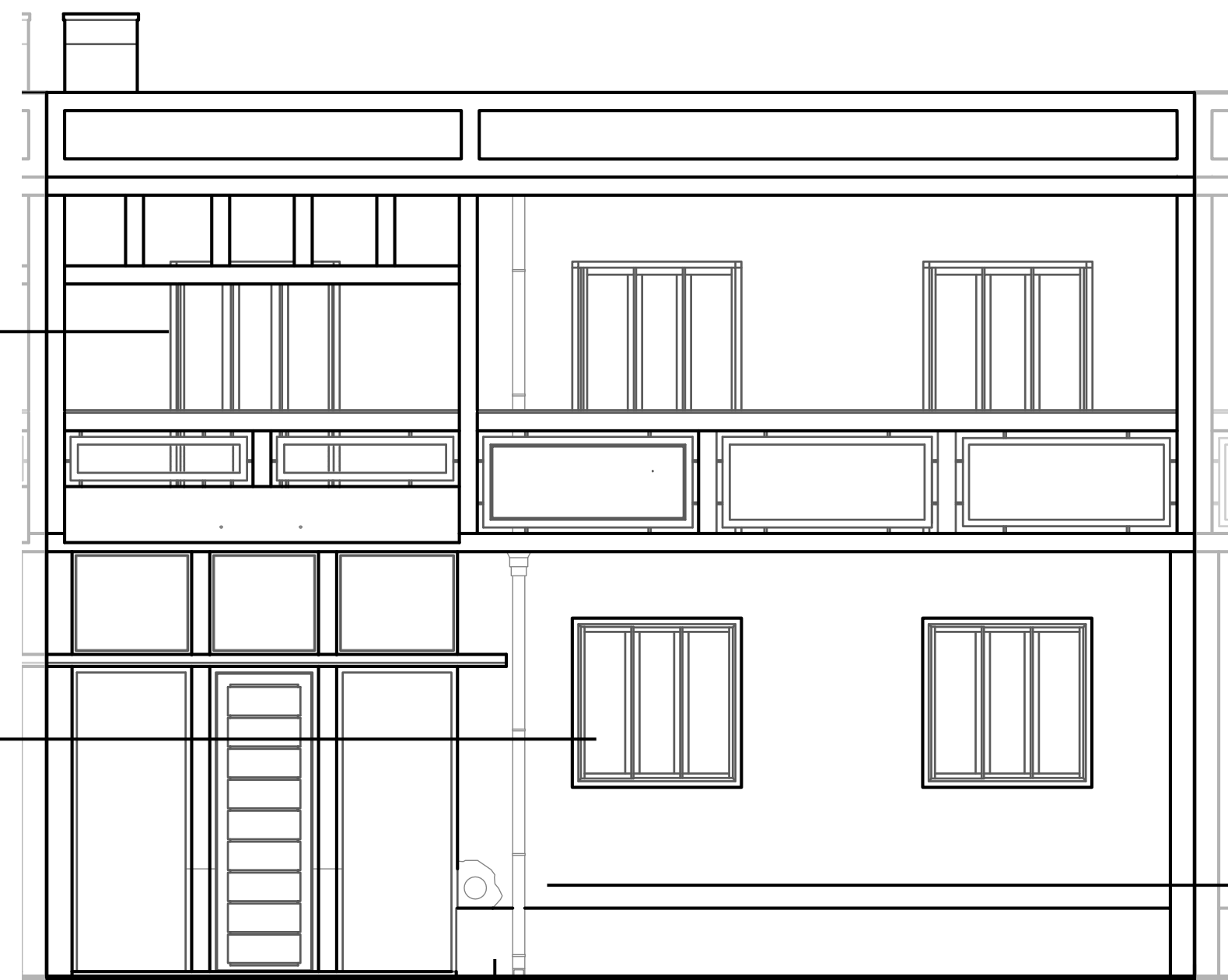


Original

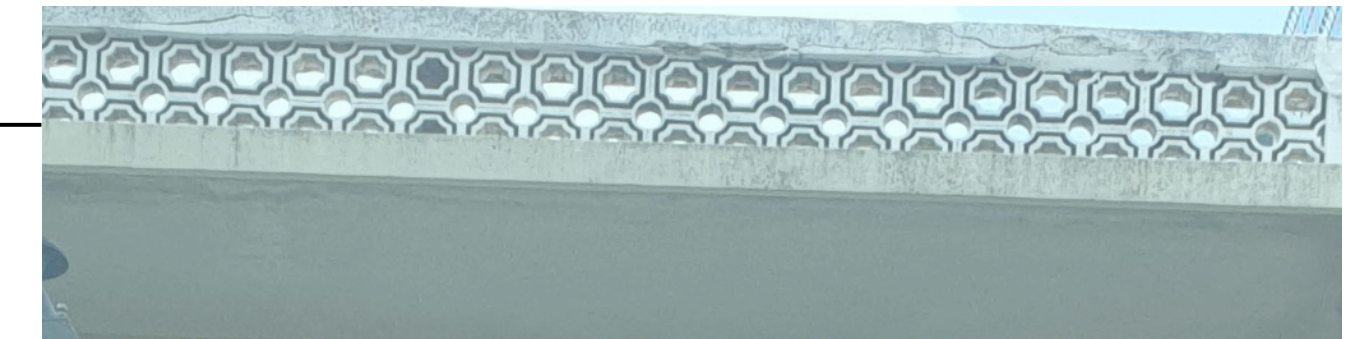


Current Situation

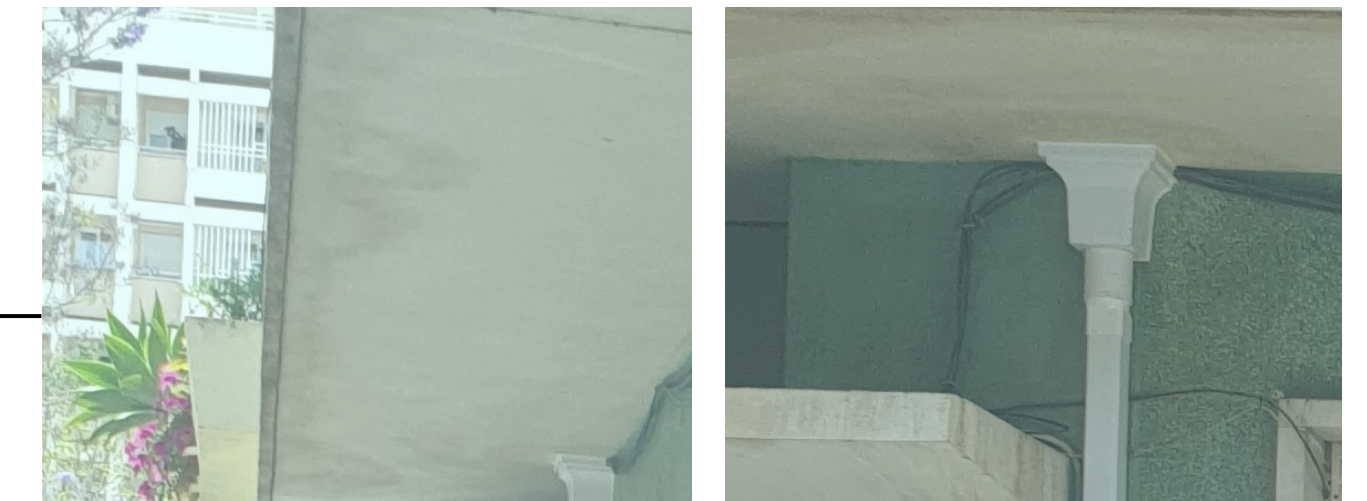
Replaced:  
Water connection and grey plaster  
(Original greenplaster)



Disintegration and Cracking:  
White plaster on concrete



Moist spots:  
White plaster on concrete



Replaced:  
PVC rain-pipe  
(Original steel rain-pipe)

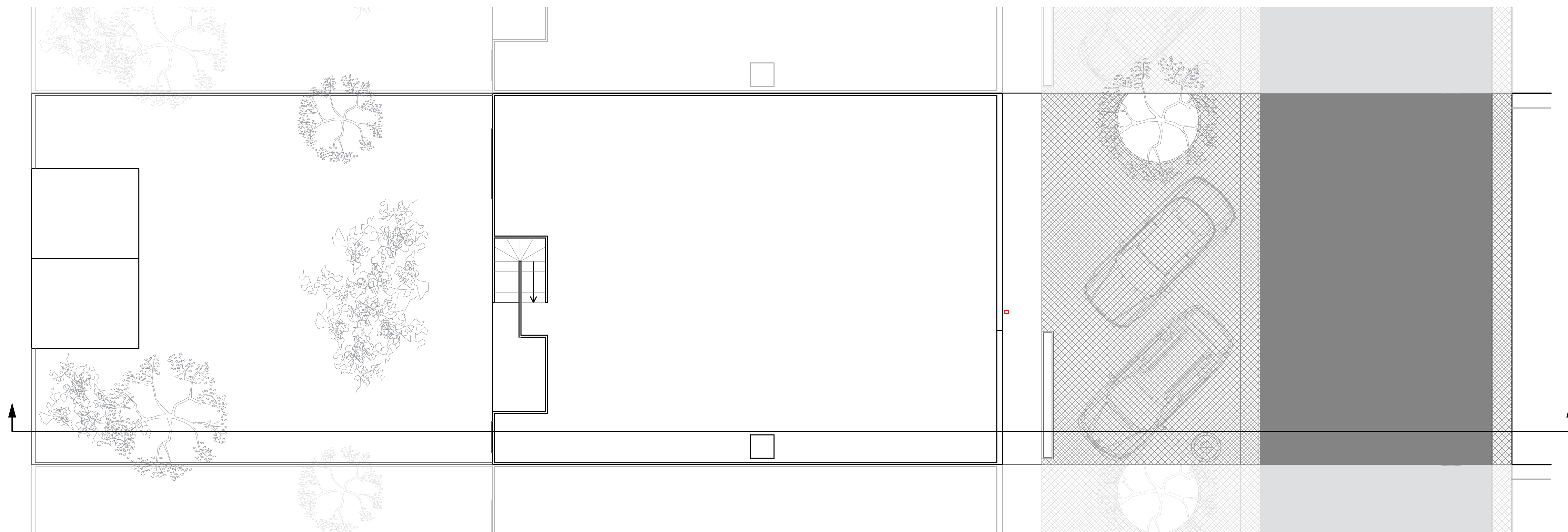


Current Situation

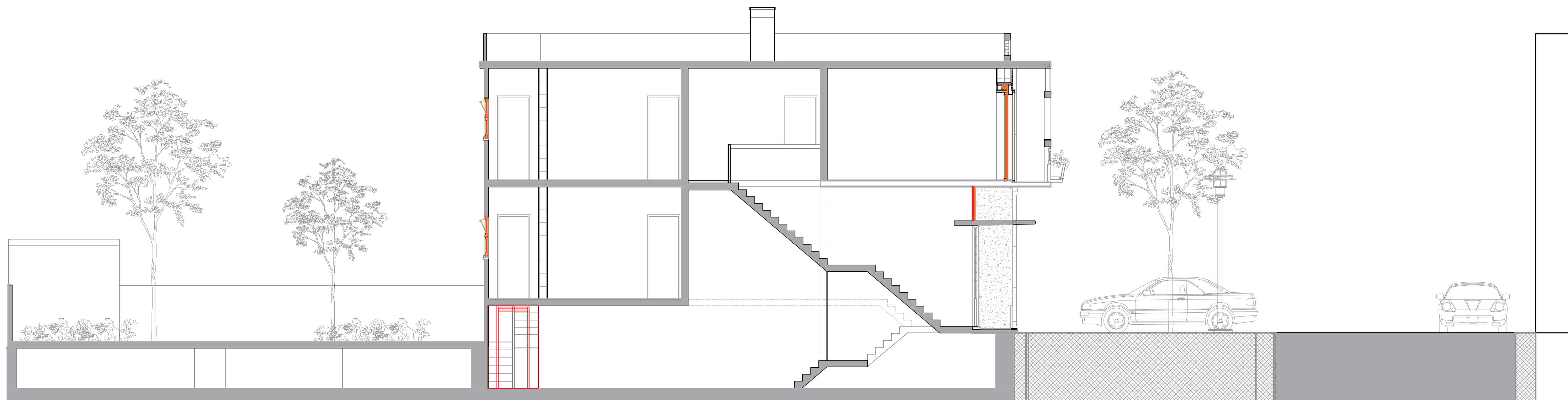


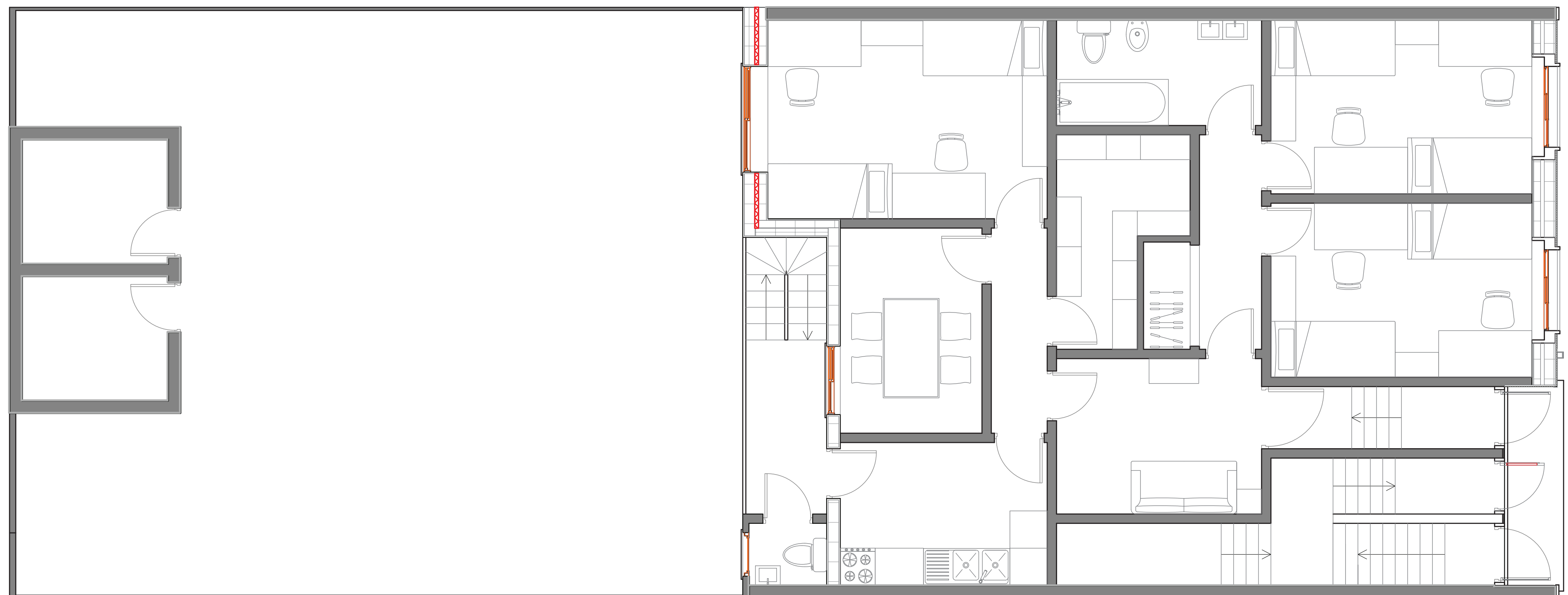
Original

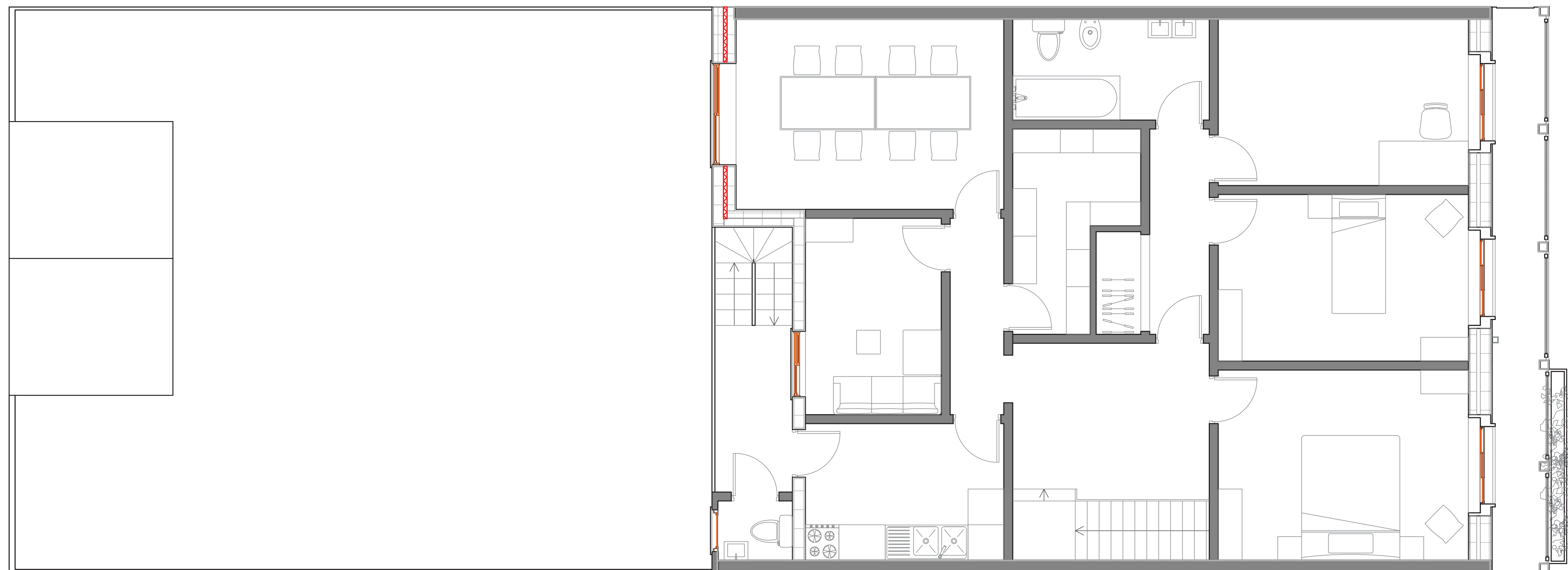












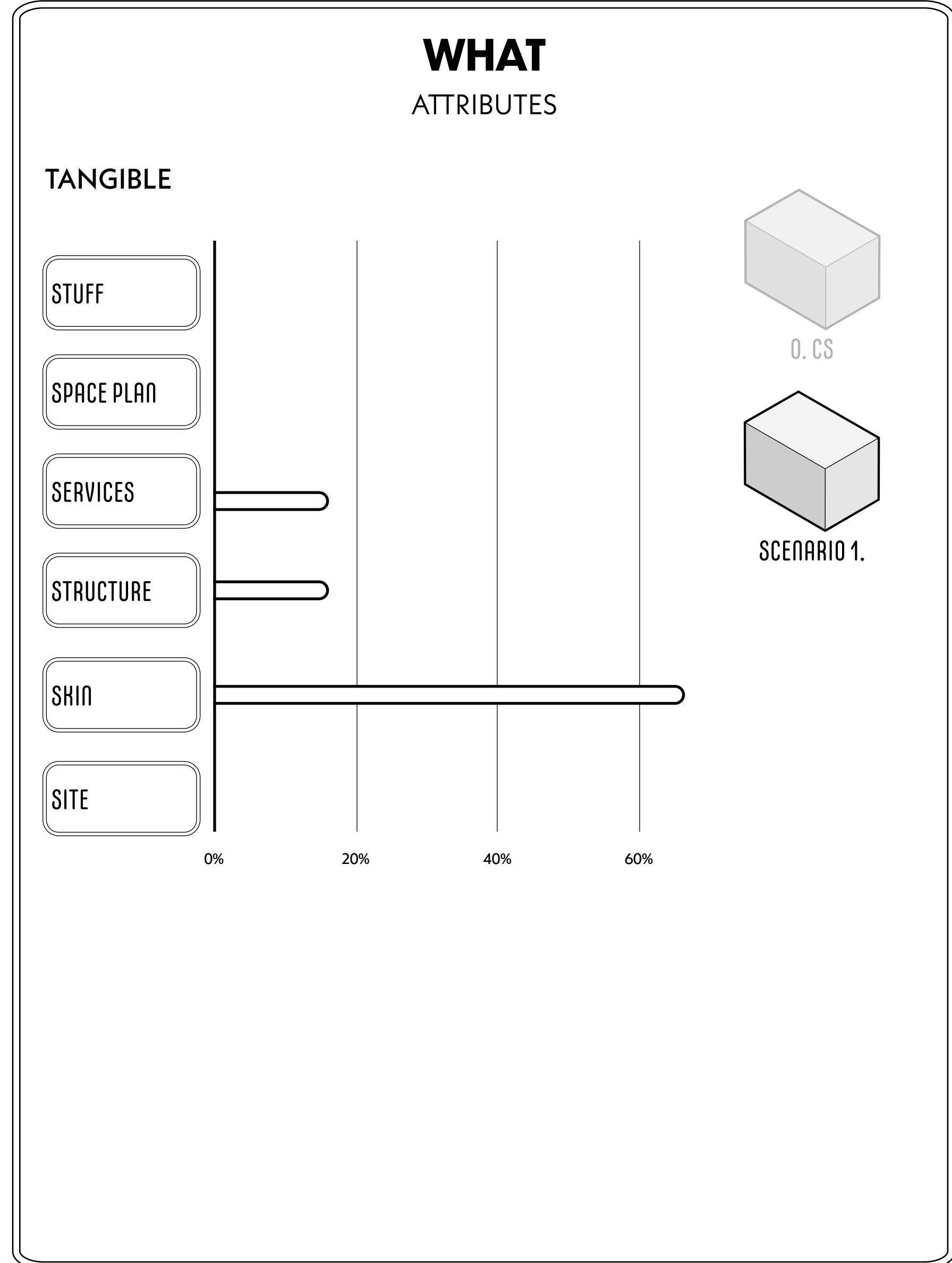
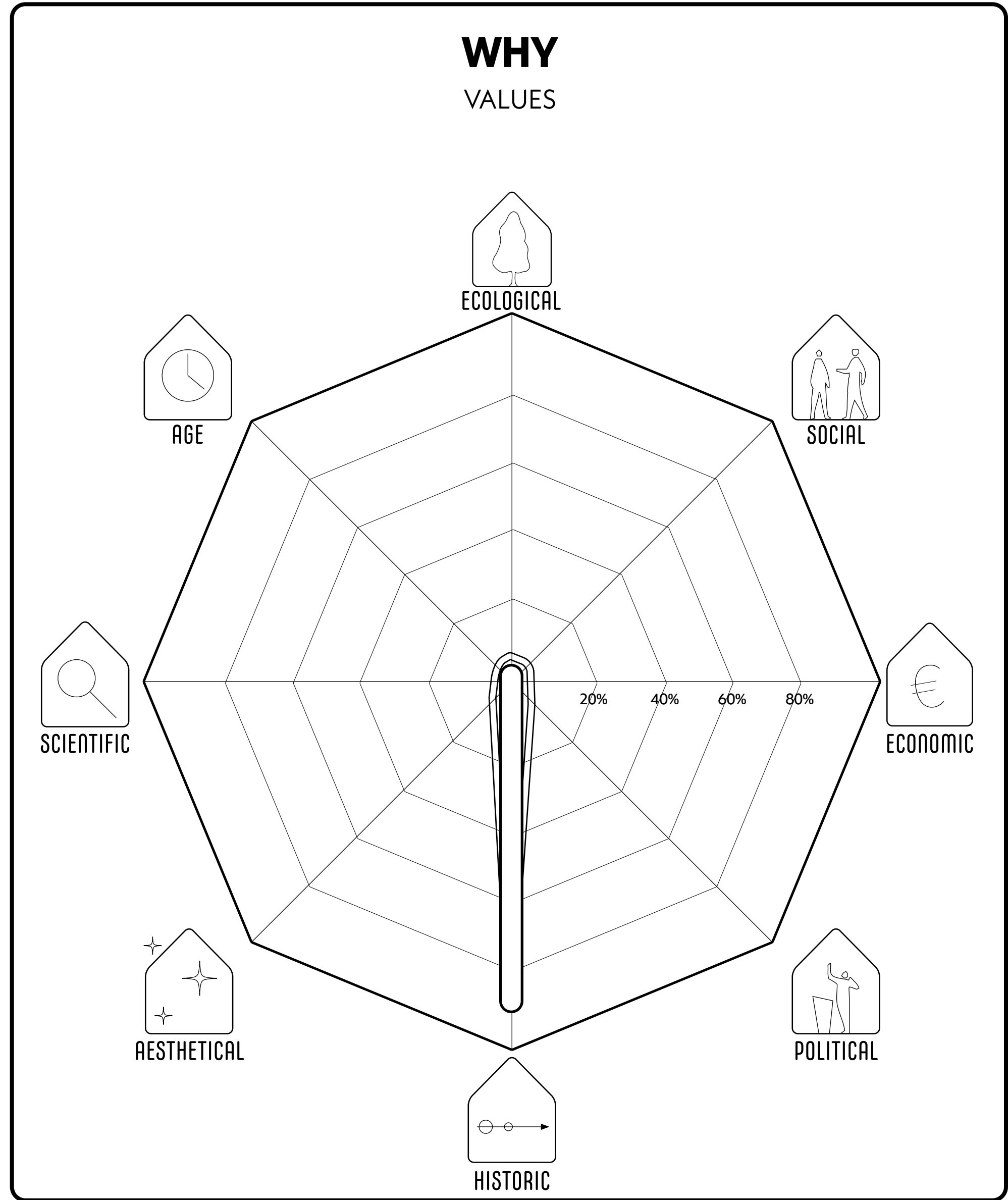






### WHICH LIMITS OF ACCEPTABLE CHANGE

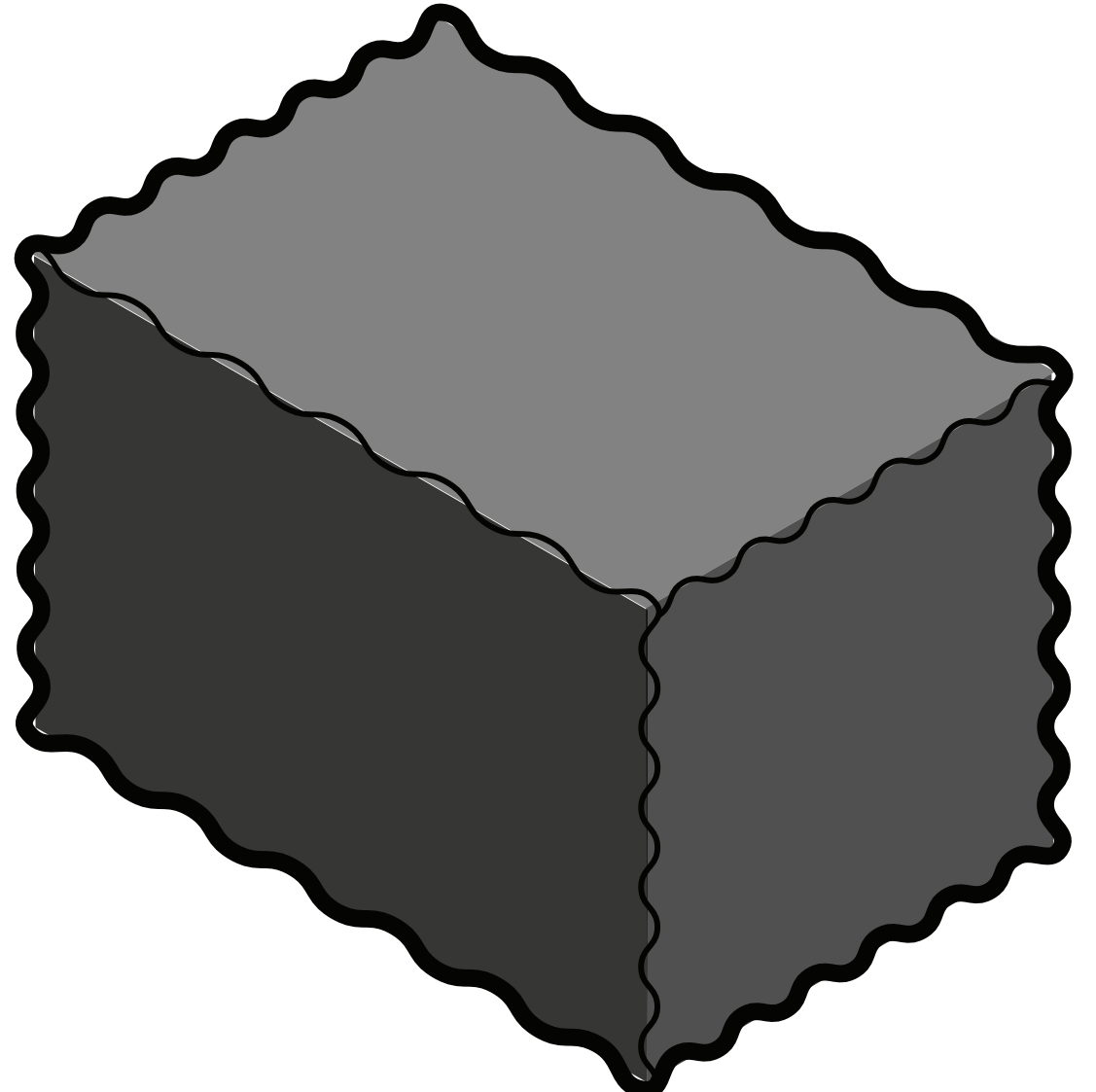
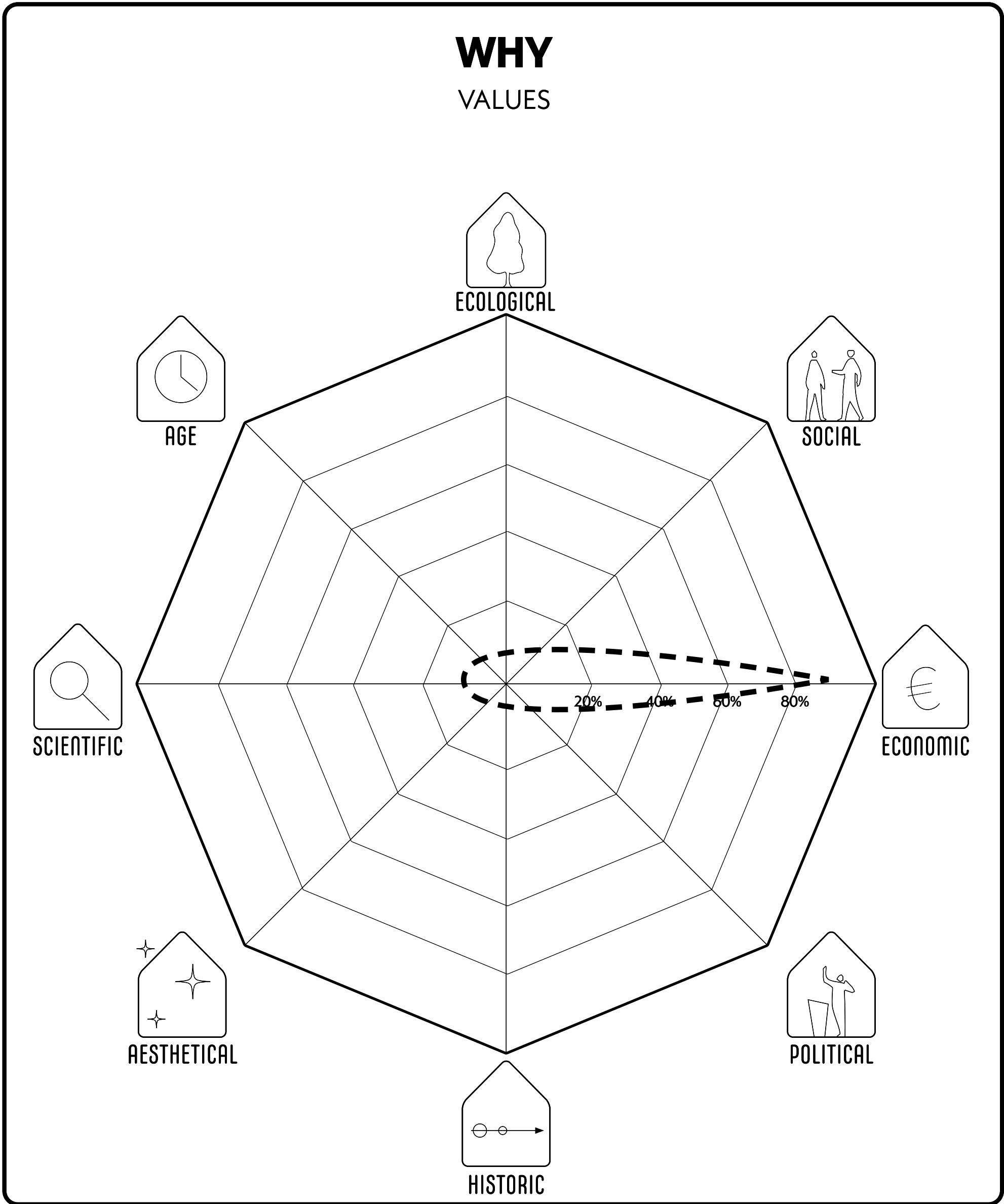
ADD	KEEP	REMOVE	
			IDENTITY
			SIMILARITY
			DIFFERENCE



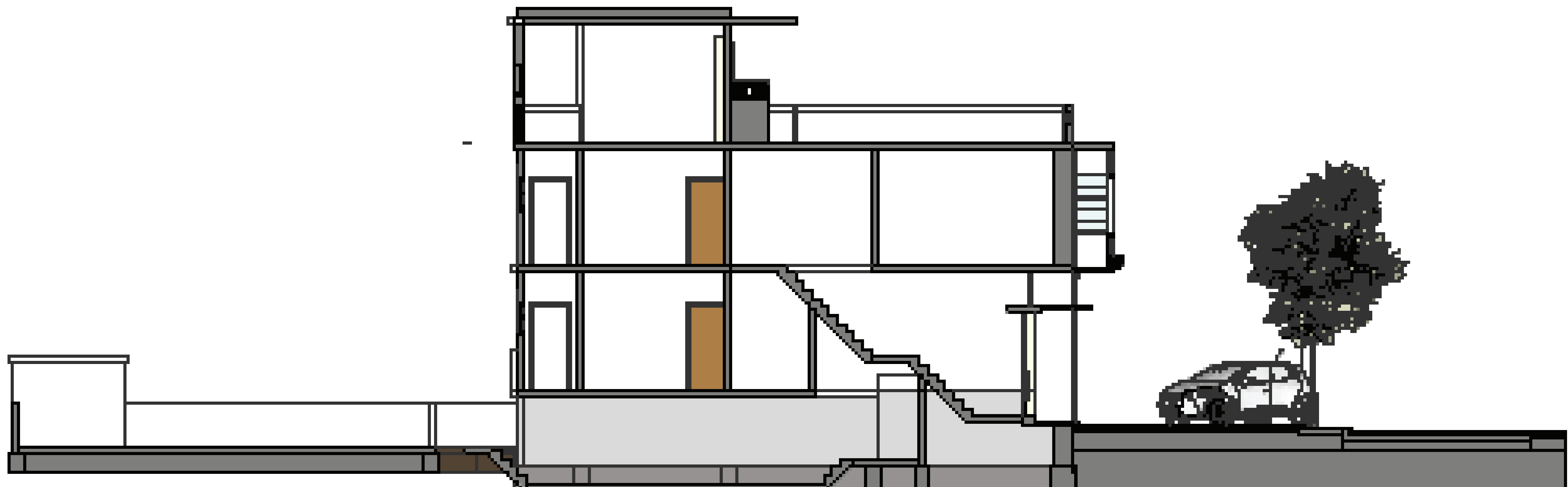


**WHICH**  
LIMITS OF  
ACCEPTABLE CHANGE

+	●	-	
ADD	KEEP	REMOVE	
[Red to Yellow Gradient]	[Yellow to Grey Gradient]	[Yellow to Green Gradient]	= IDENTITY
			≐ SIMILARITY
[Red to Grey Gradient]	[Grey to Green Gradient]	[Green to Yellow Gradient]	≠ DIFFERENCE

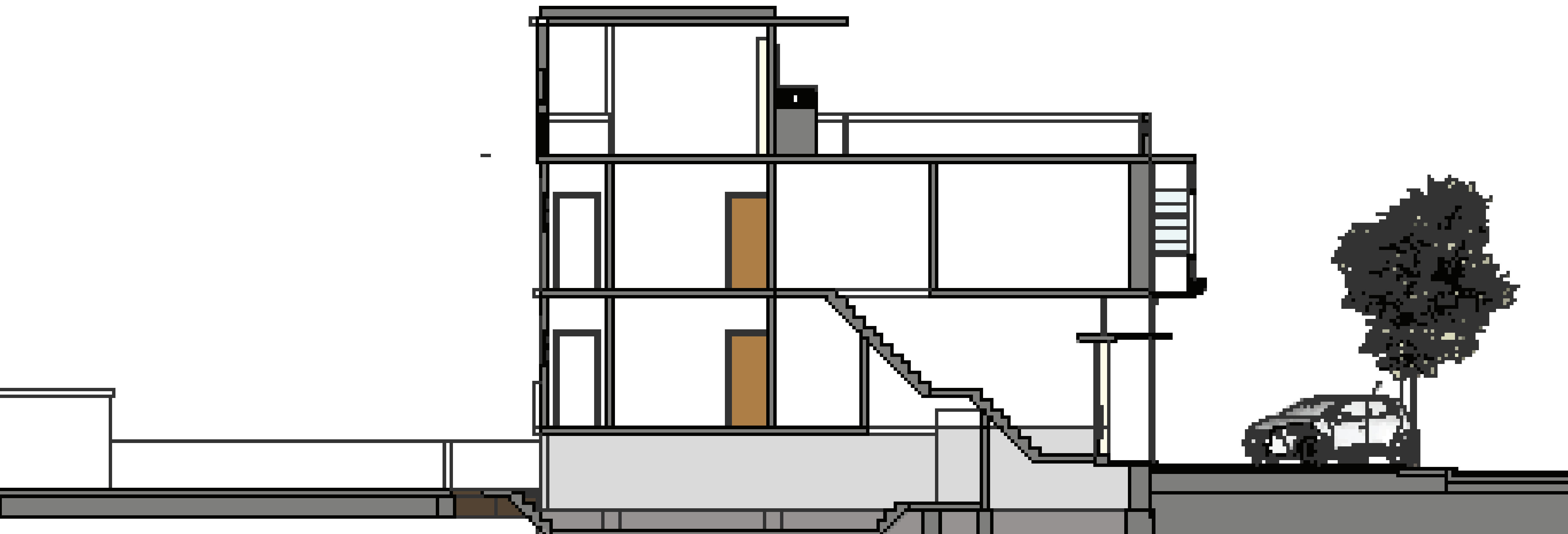


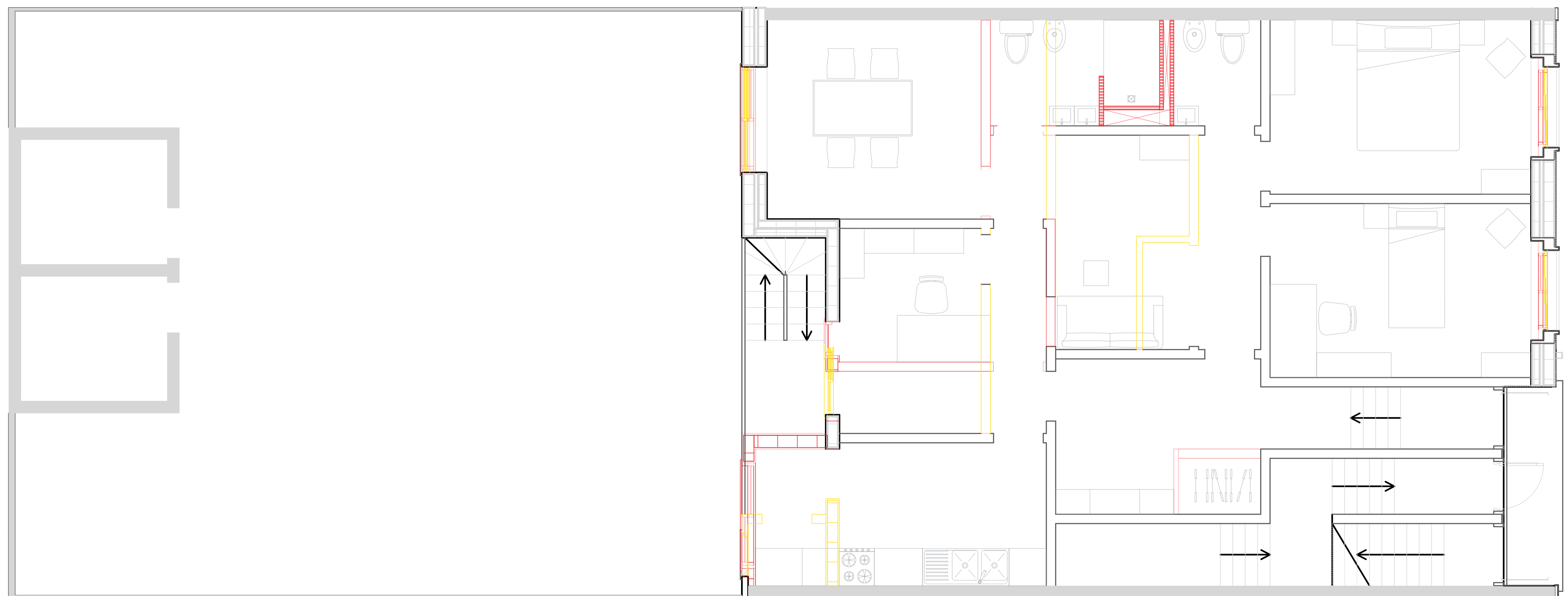
**SCENARIO 2.**

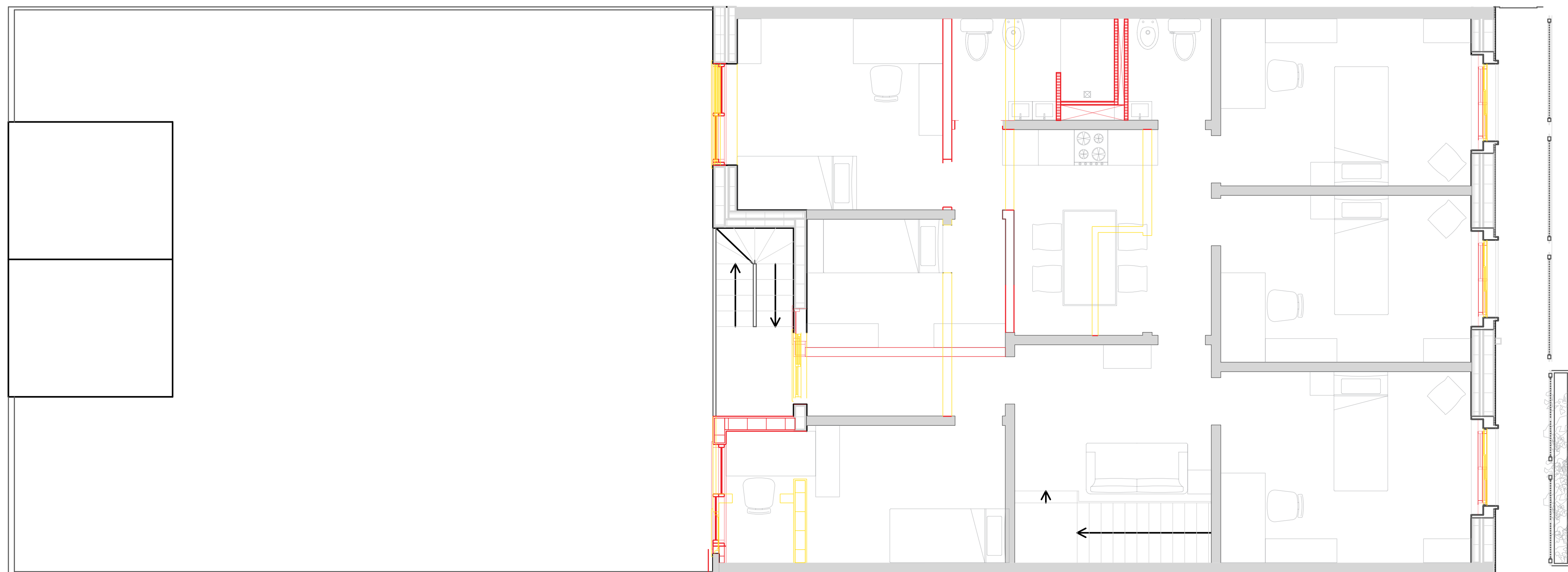


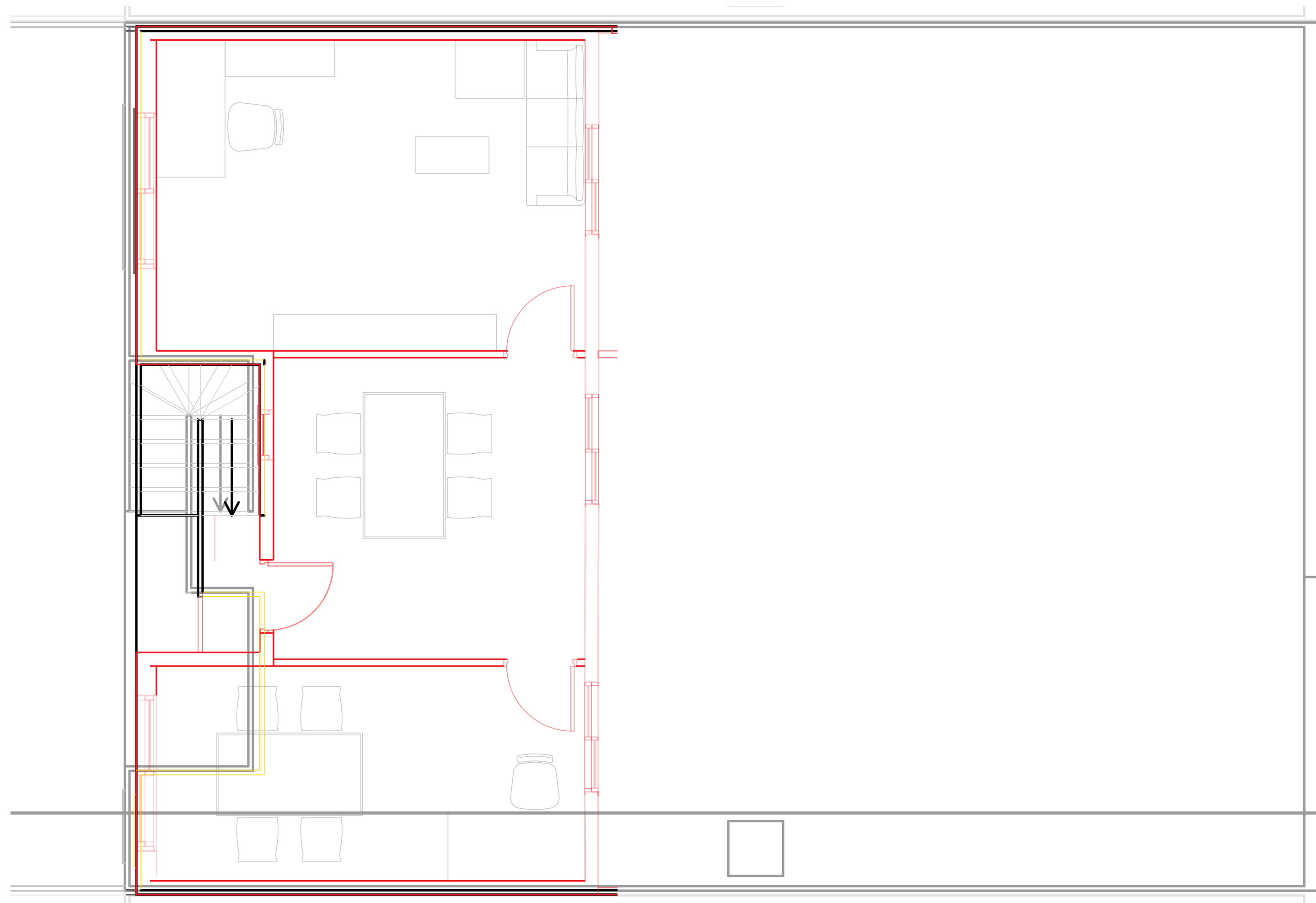






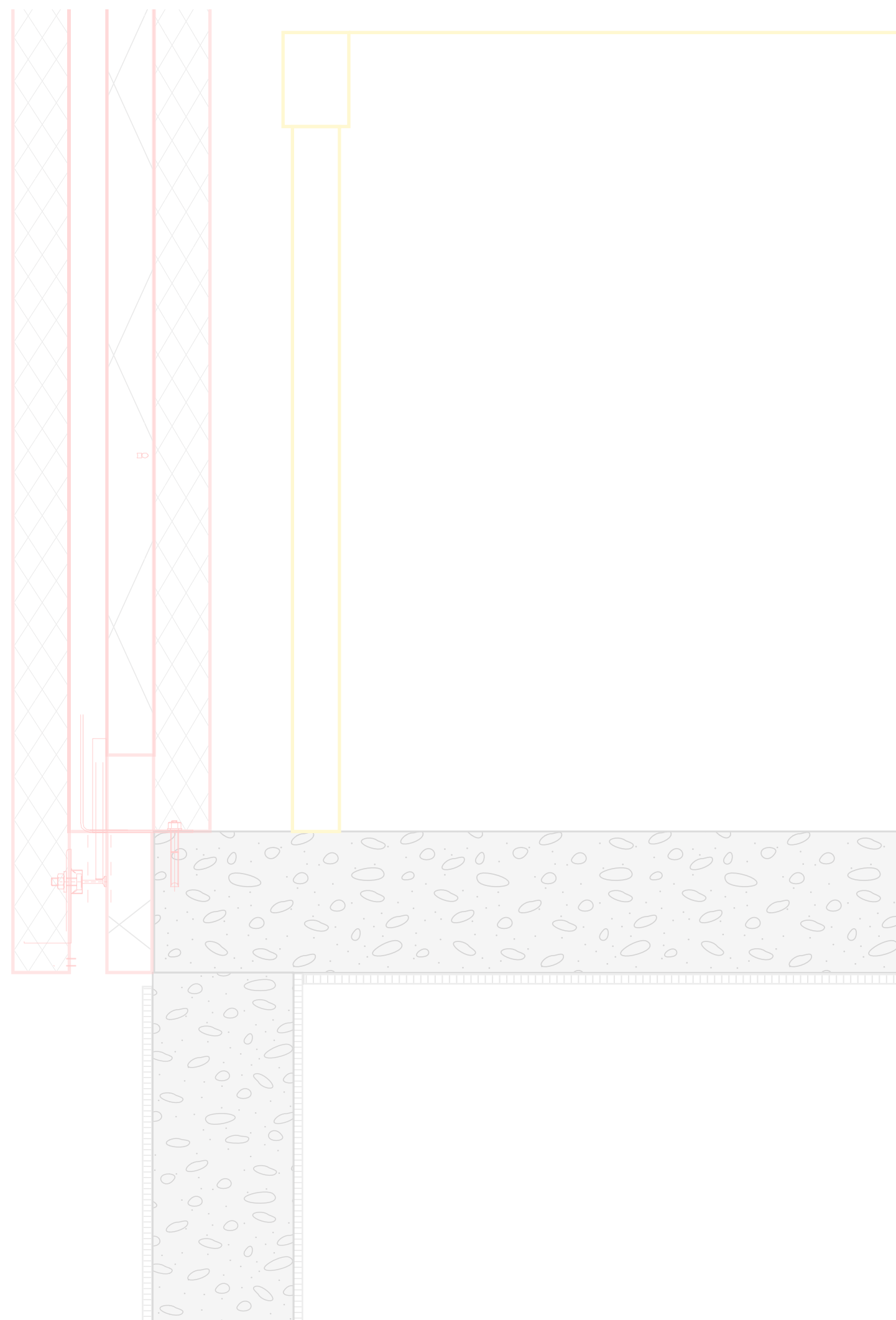










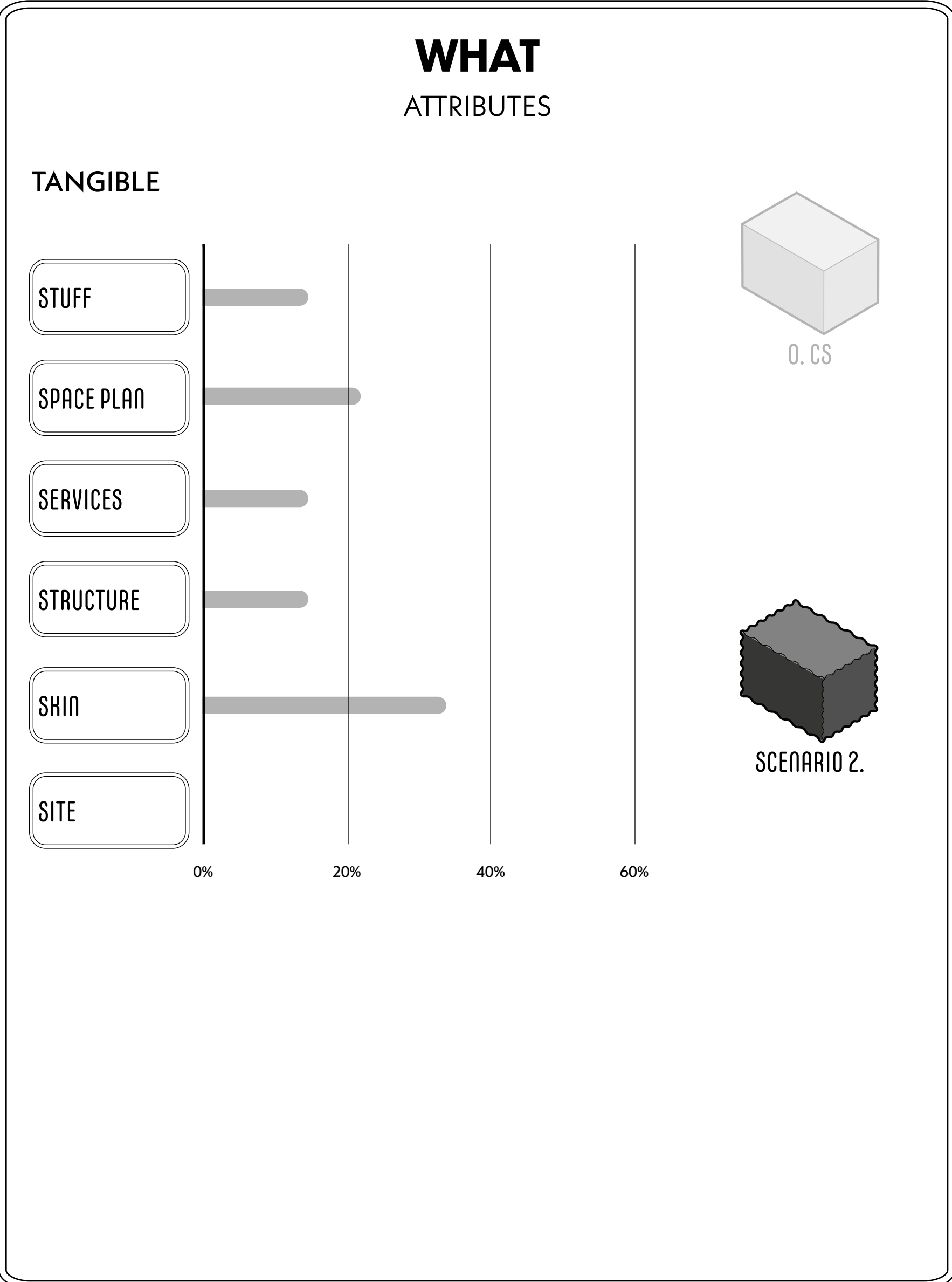
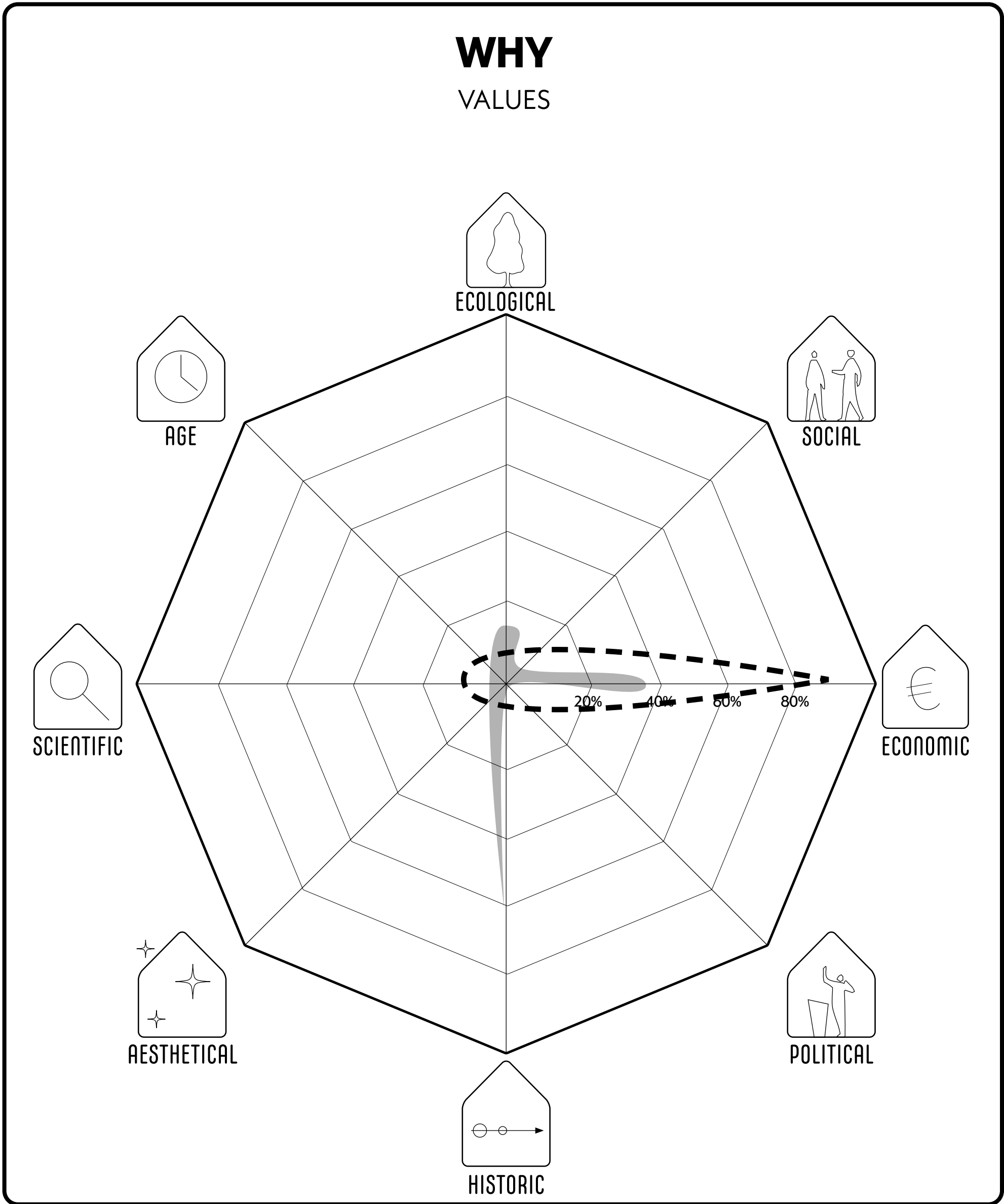






### WHICH LIMITS OF ACCEPTABLE CHANGE

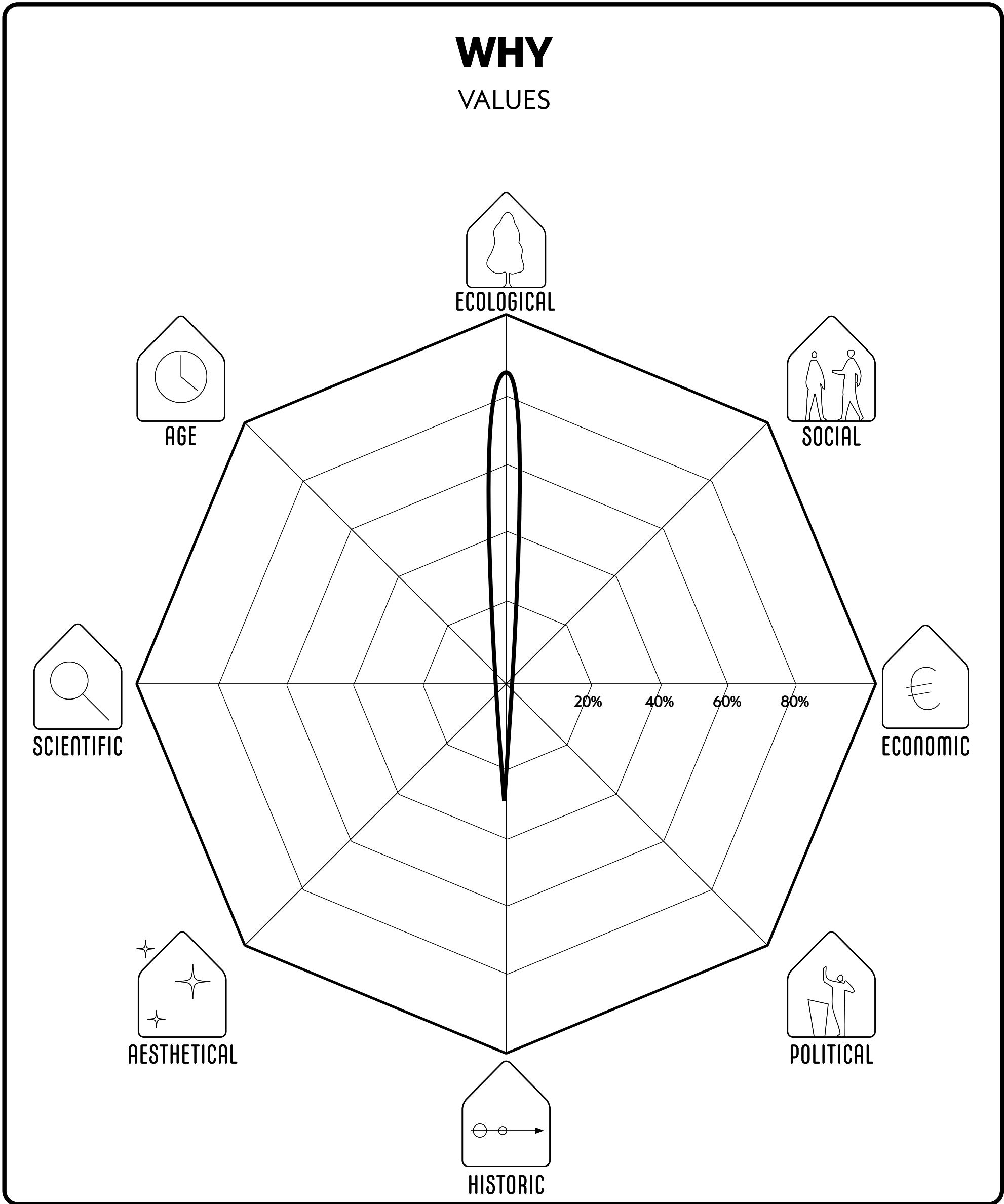
ADD	KEEP	REMOVE	



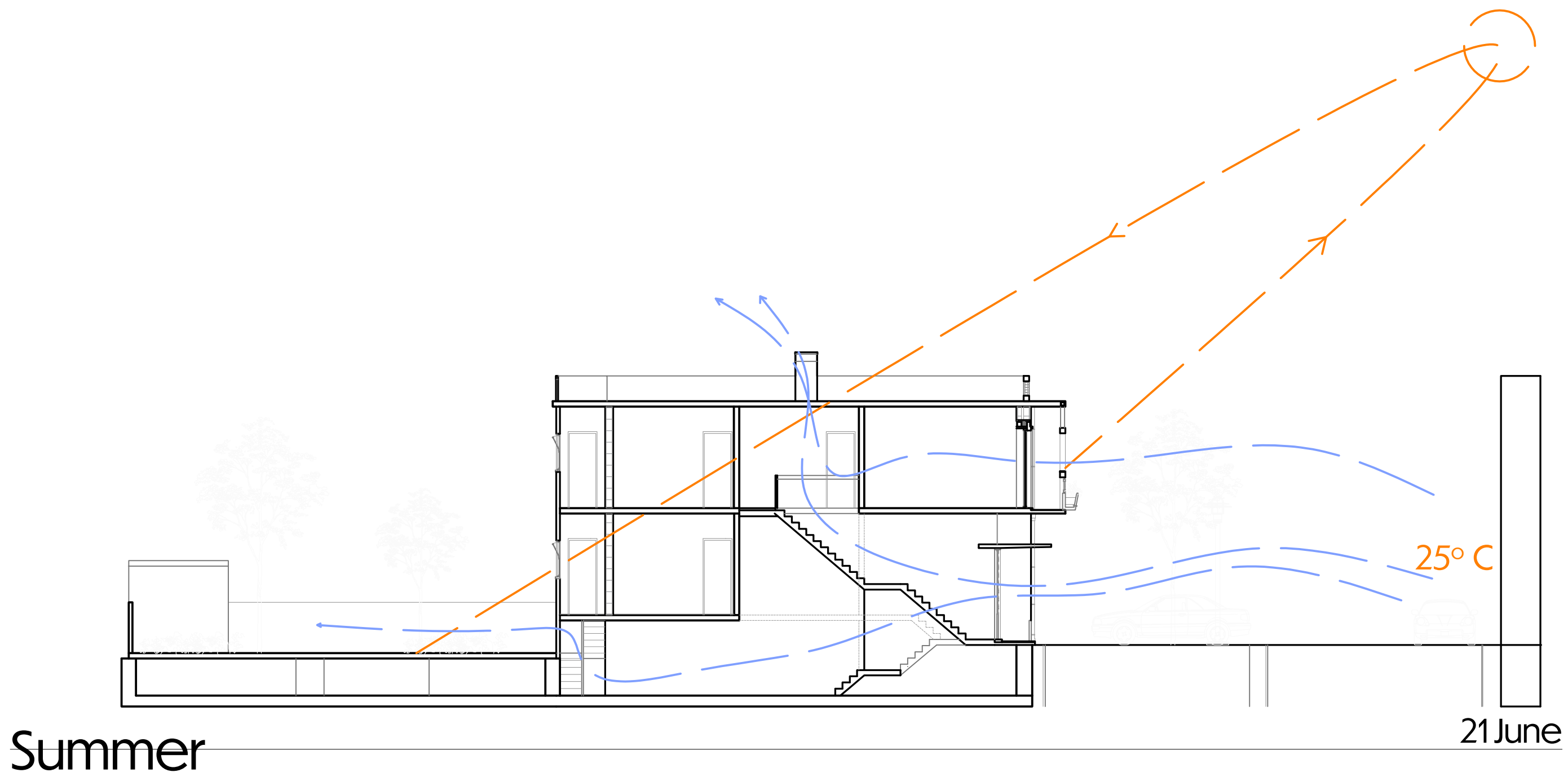
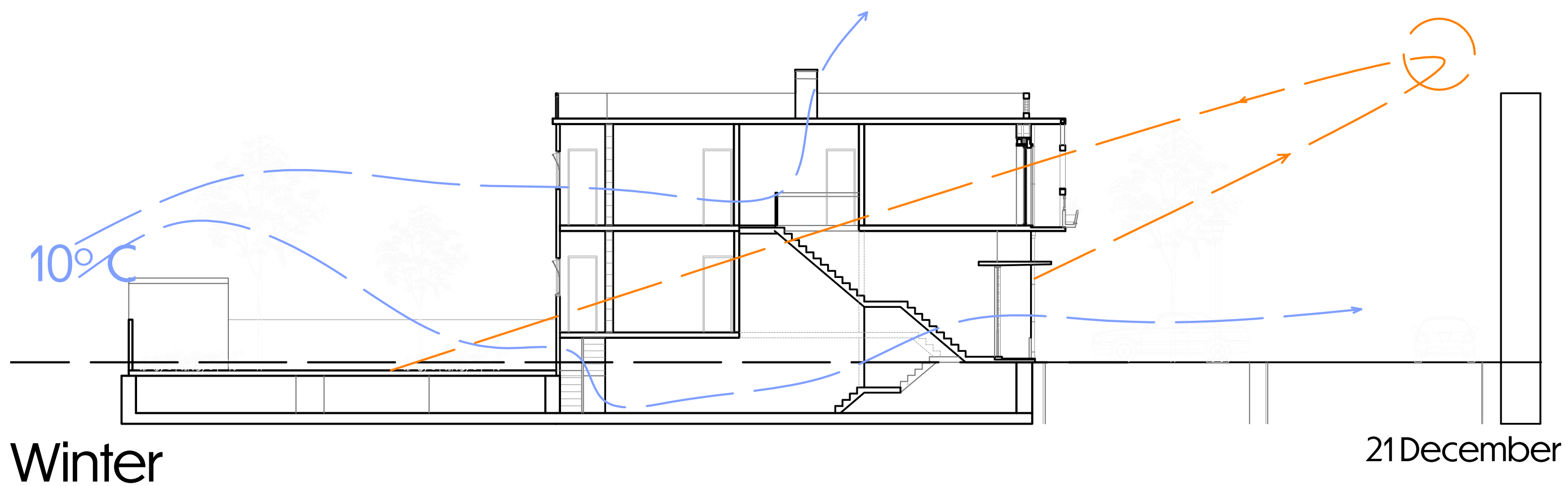


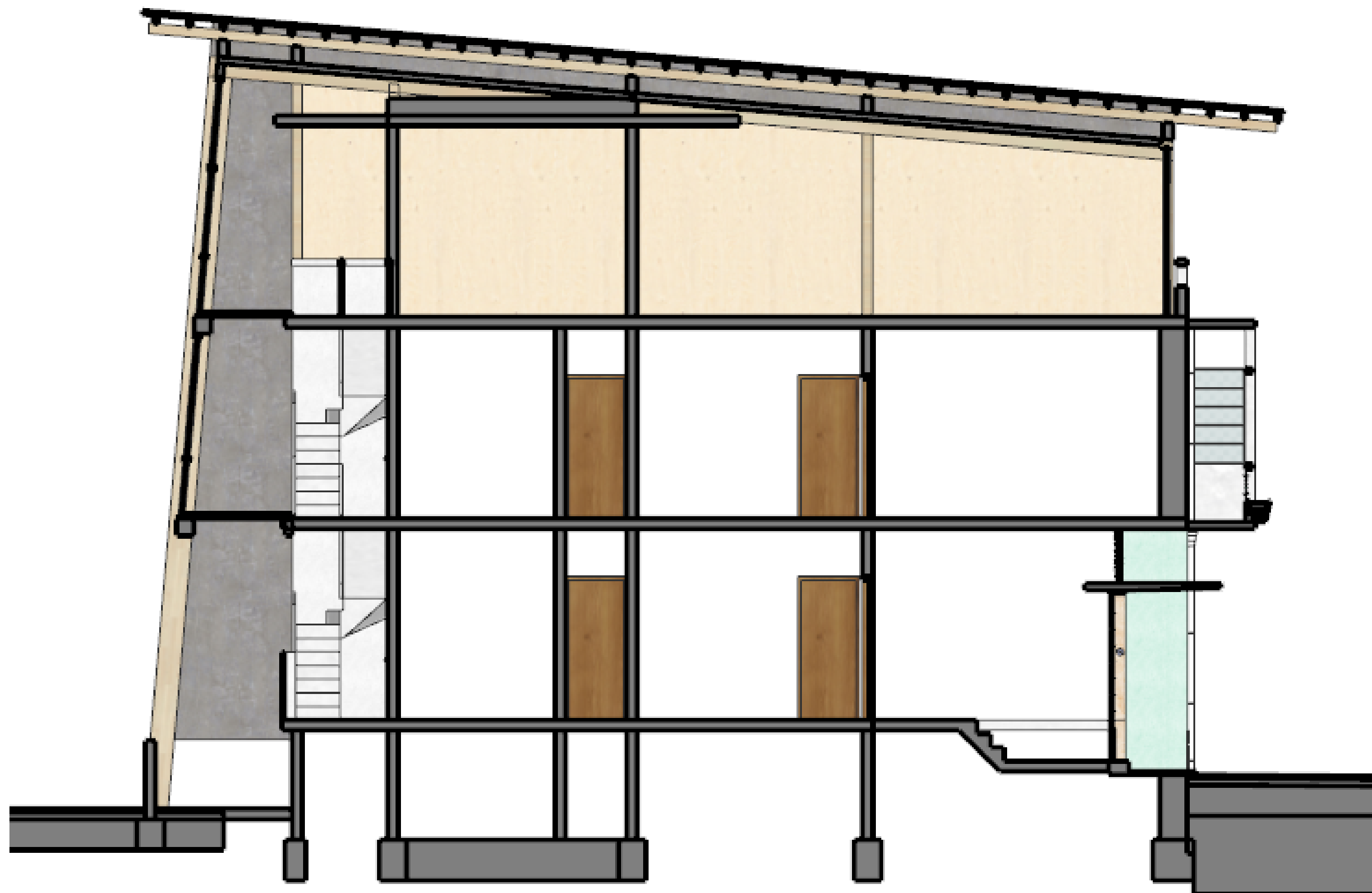
**WHICH**  
LIMITS OF  
ACCEPTABLE CHANGE

 ADD	 KEEP	 REMOVE	
			 IDENTITY
			 SIMILARITY
			 DIFFERENCE

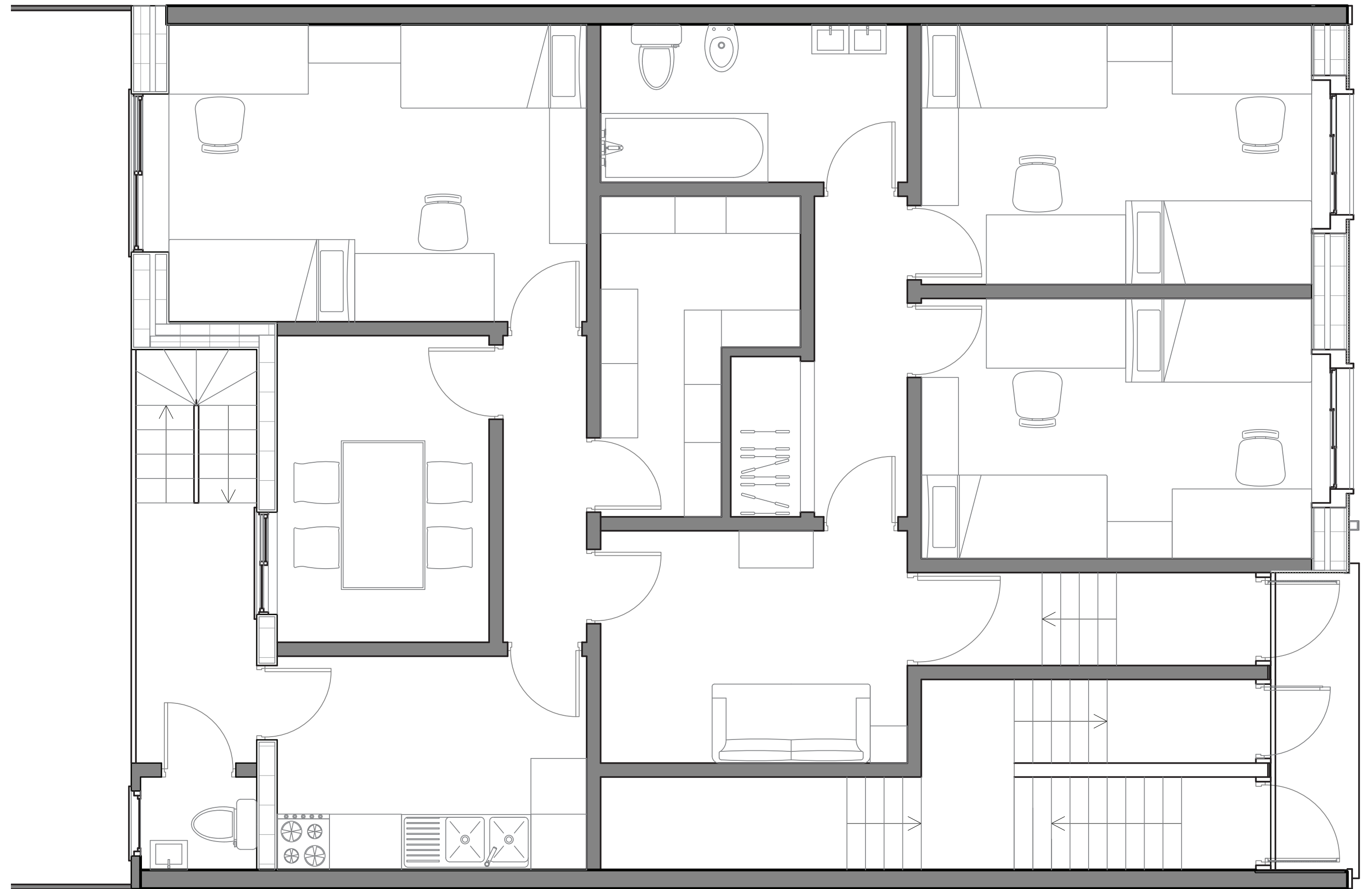


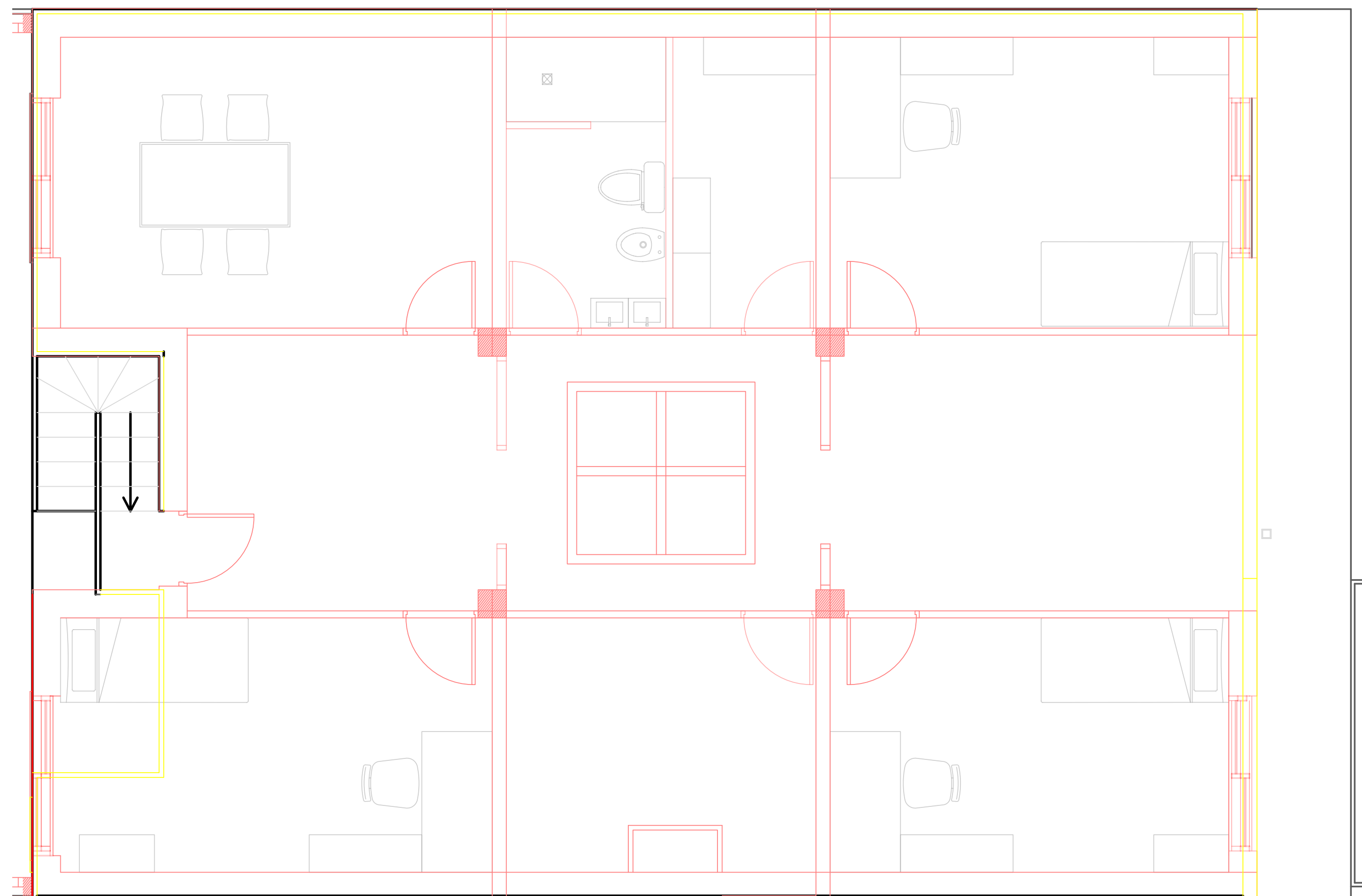
SCENARIO 3.

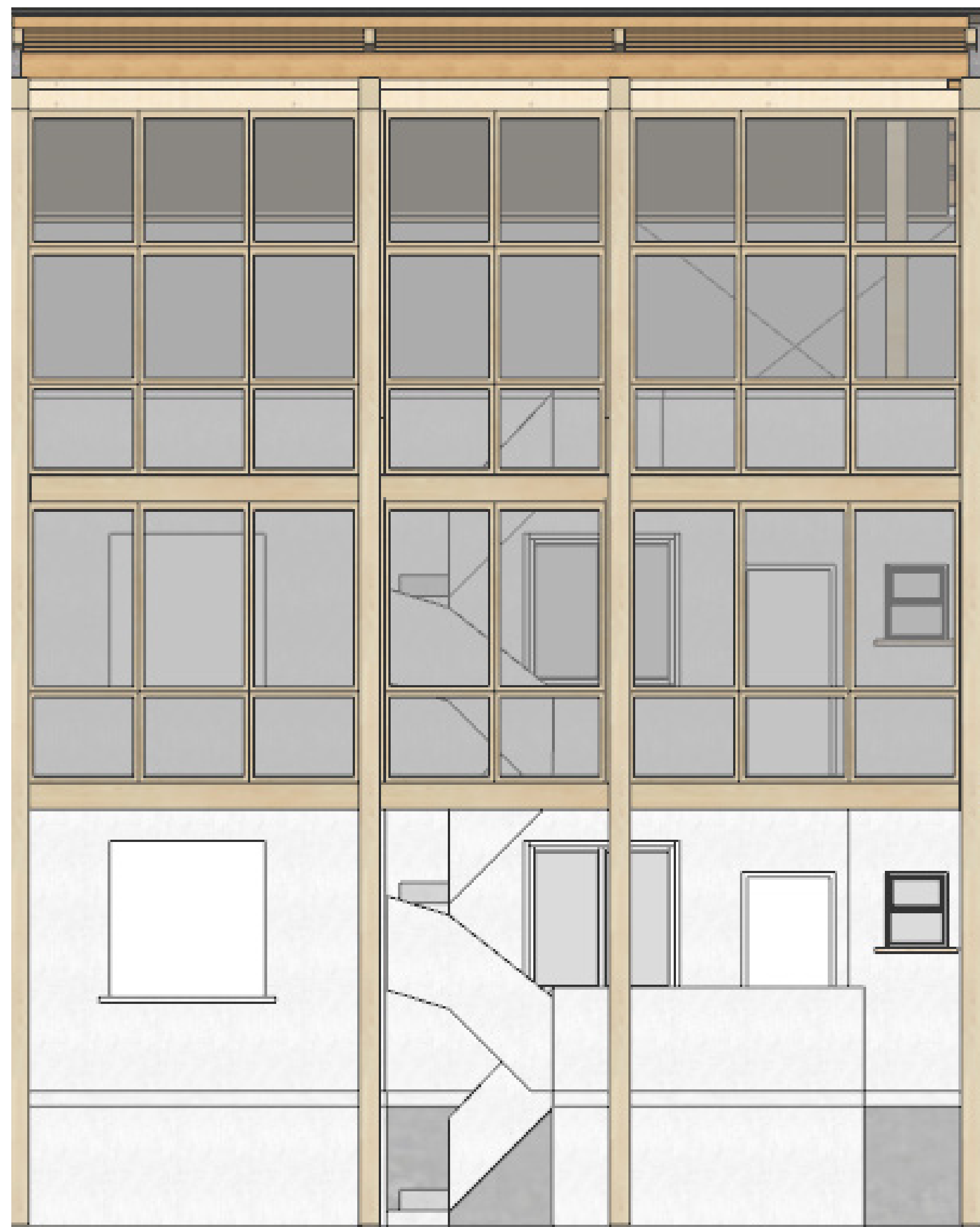




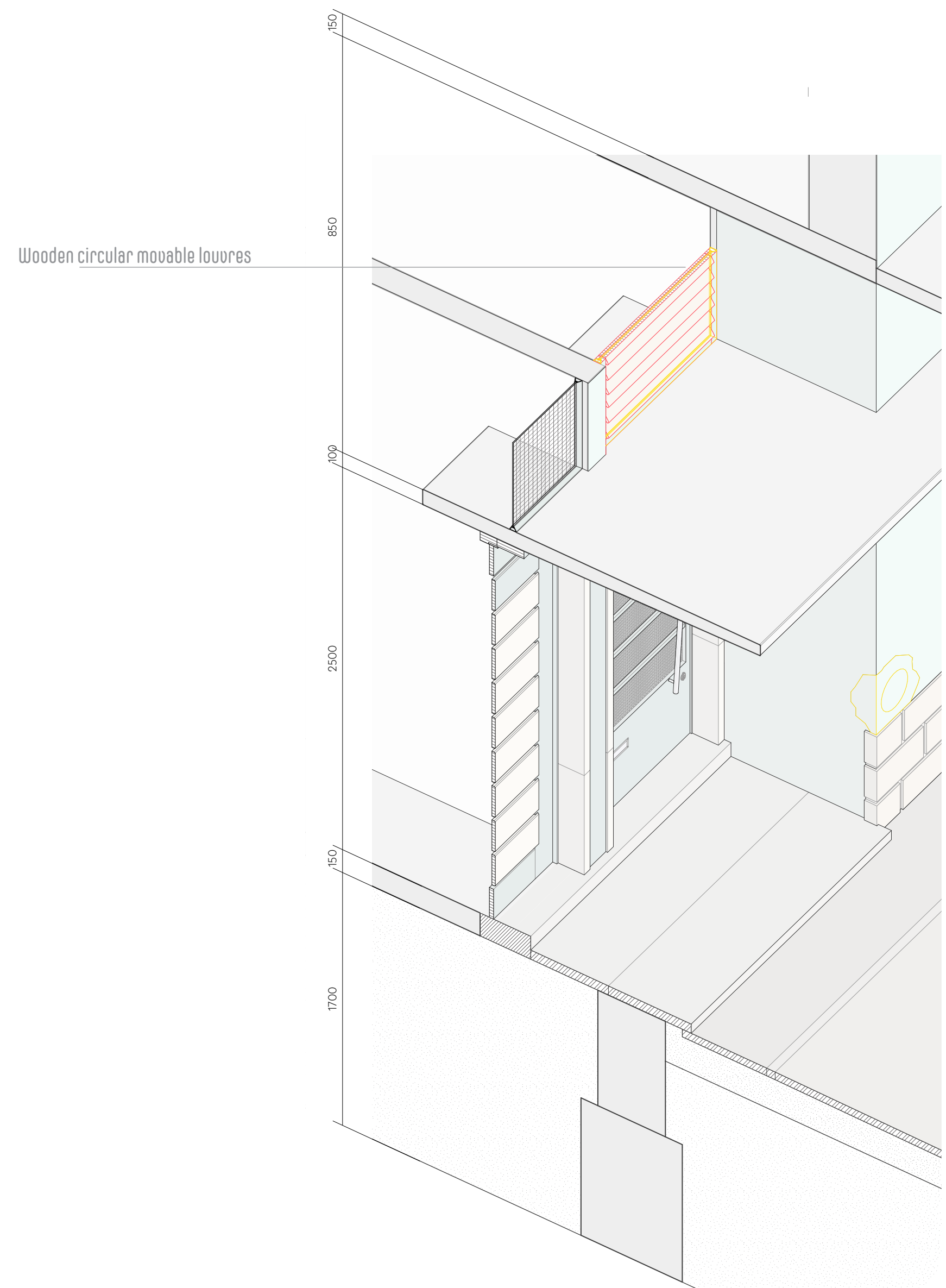


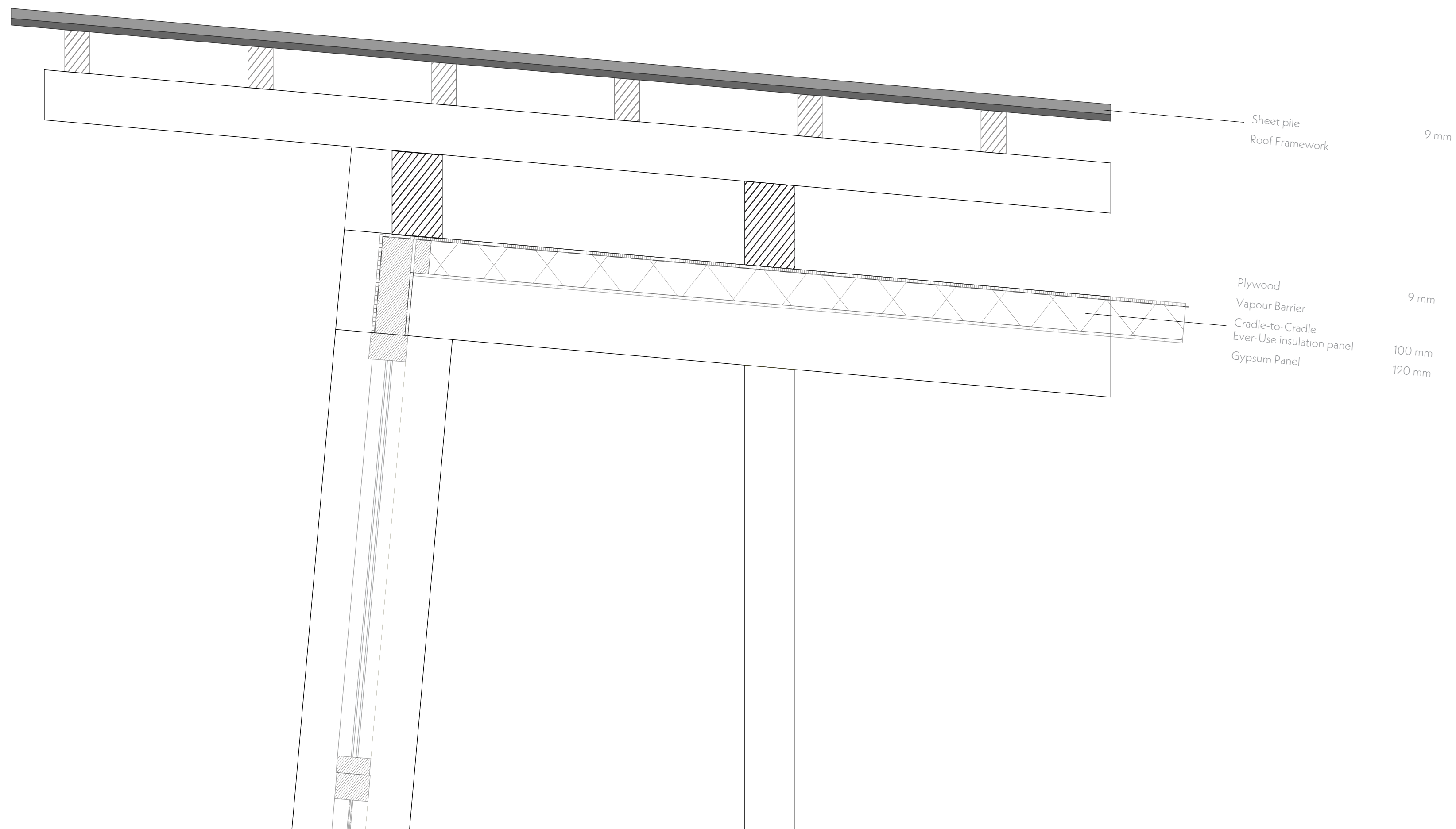














### WHICH LIMITS OF ACCEPTABLE CHANGE



ADD



KEEP



REMOVE

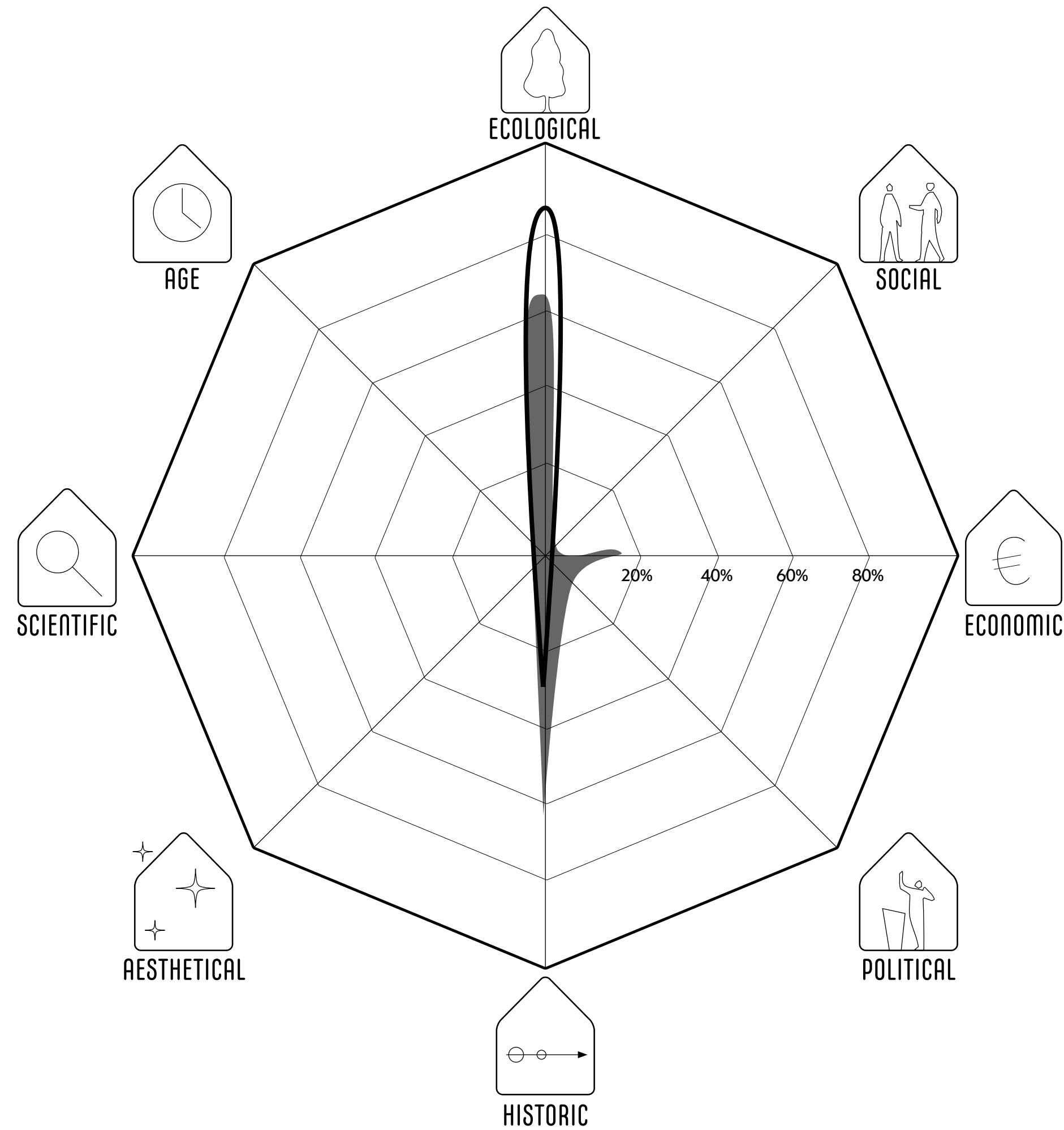
=  
IDENTITY

≈  
SIMILARITY

≠  
DIFFERENCE

### WHY

VALUES



### WHAT

ATTRIBUTES

#### TANGIBLE

STUFF

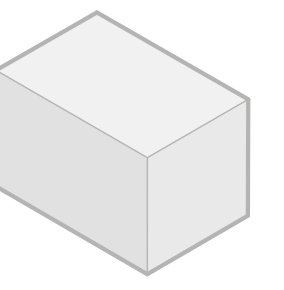
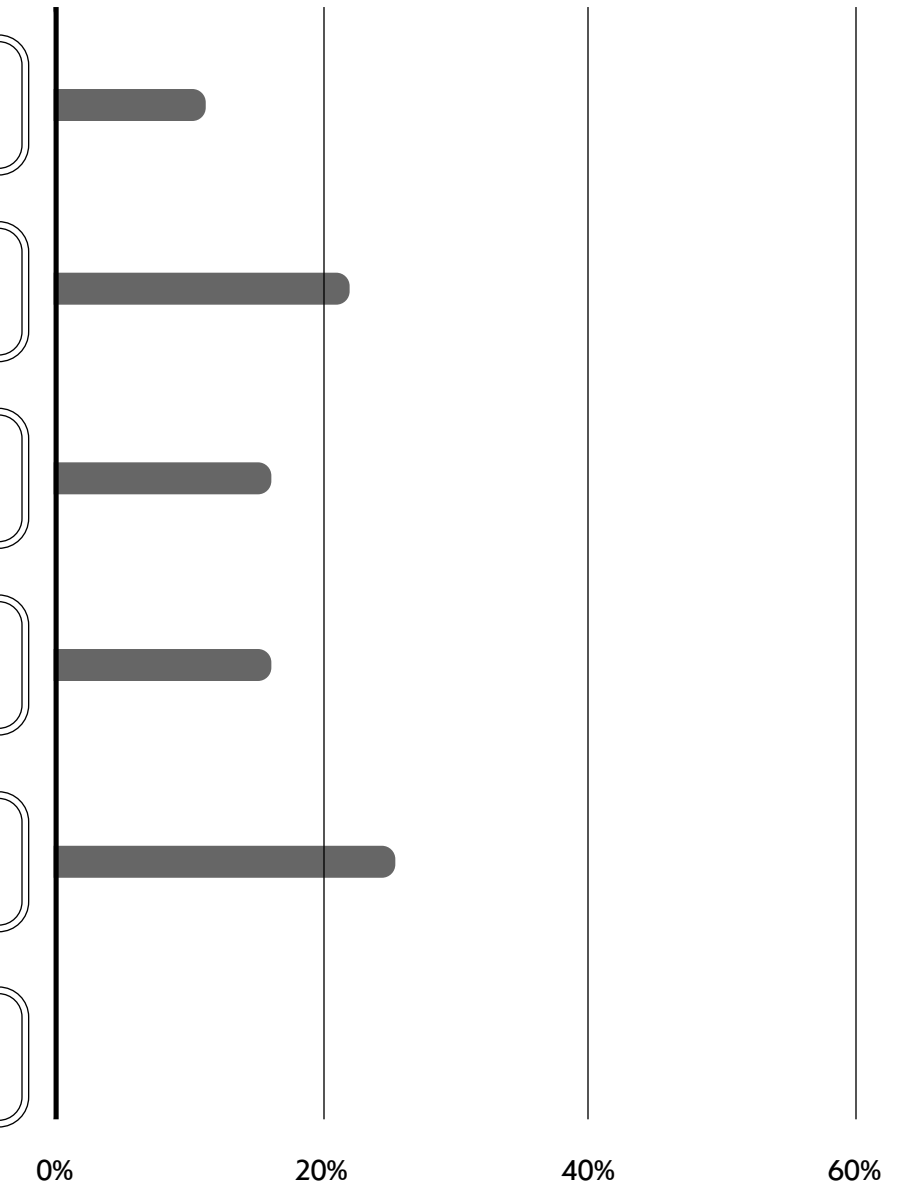
SPACE PLAN

SERVICES

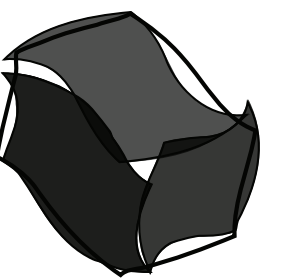
STRUCTURE

SKIN

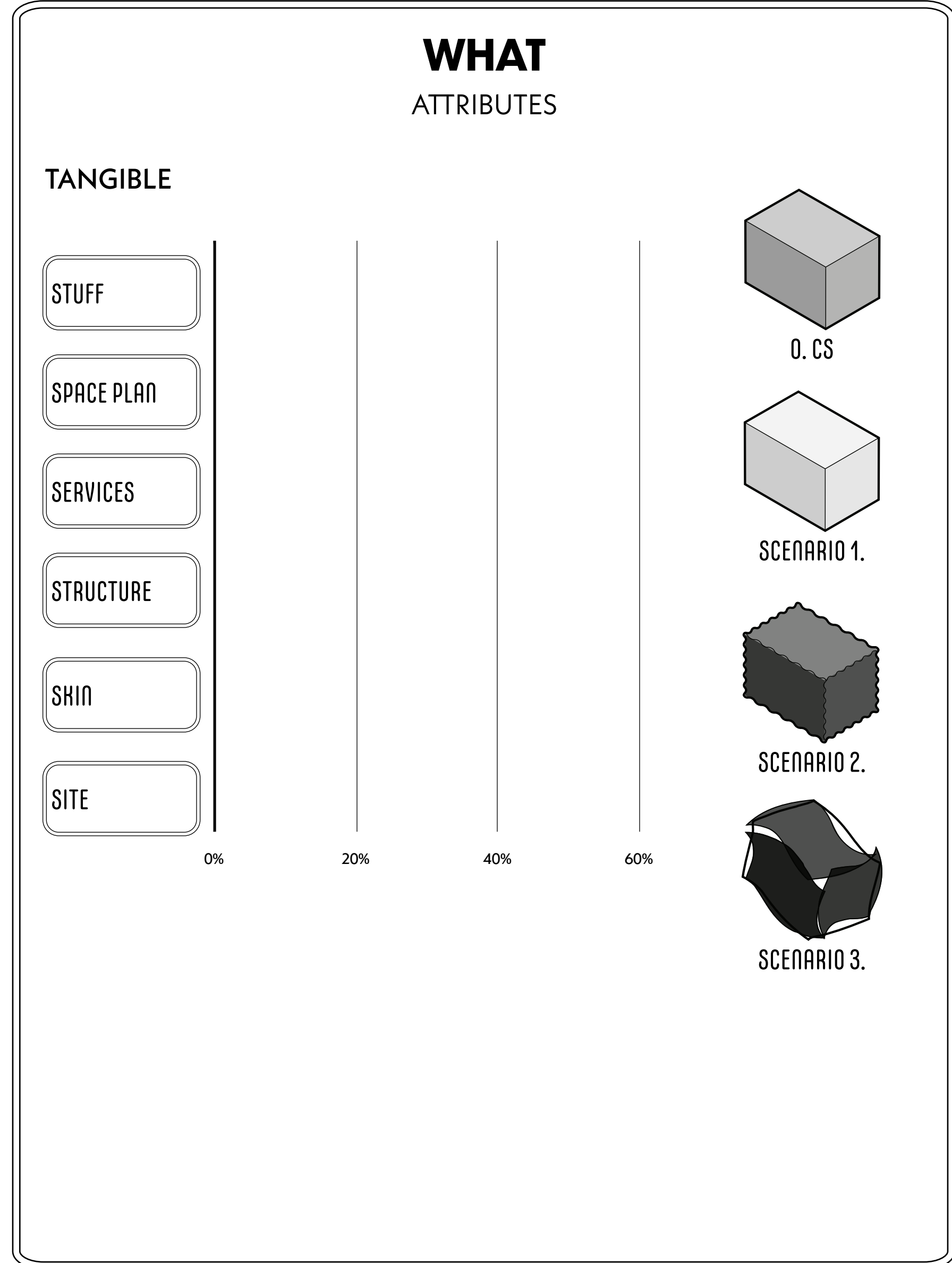
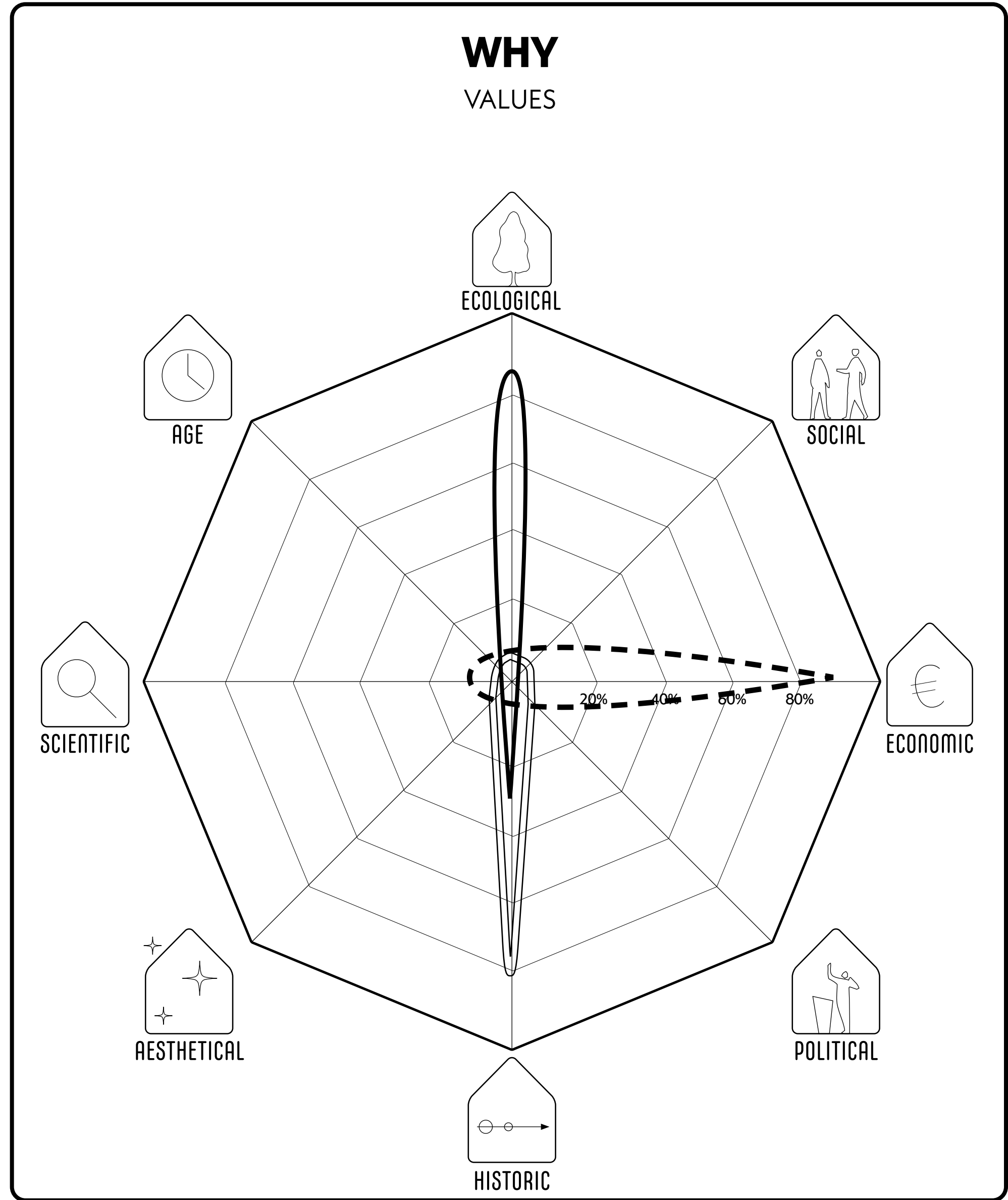
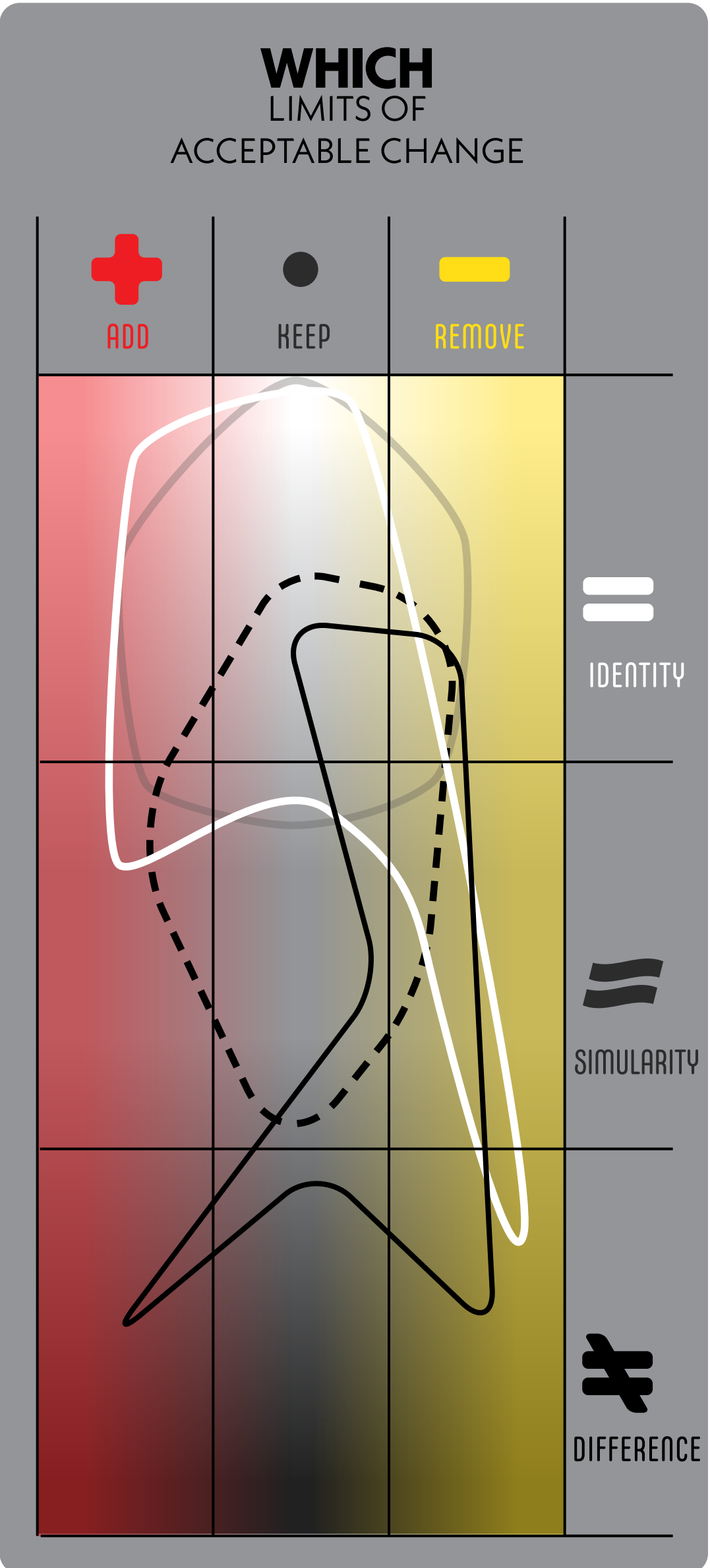
SITE



O. CS

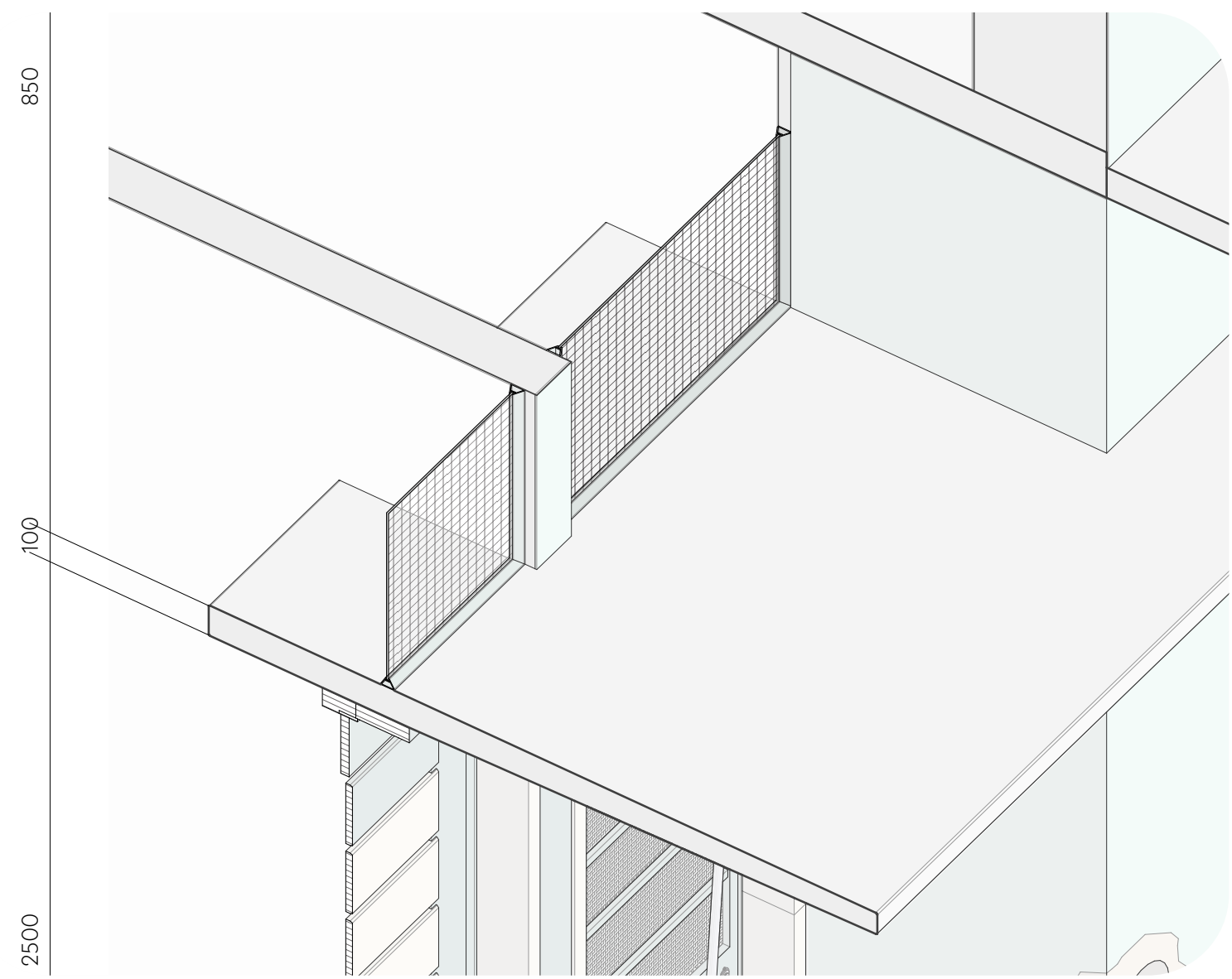


SCENARIO 3.

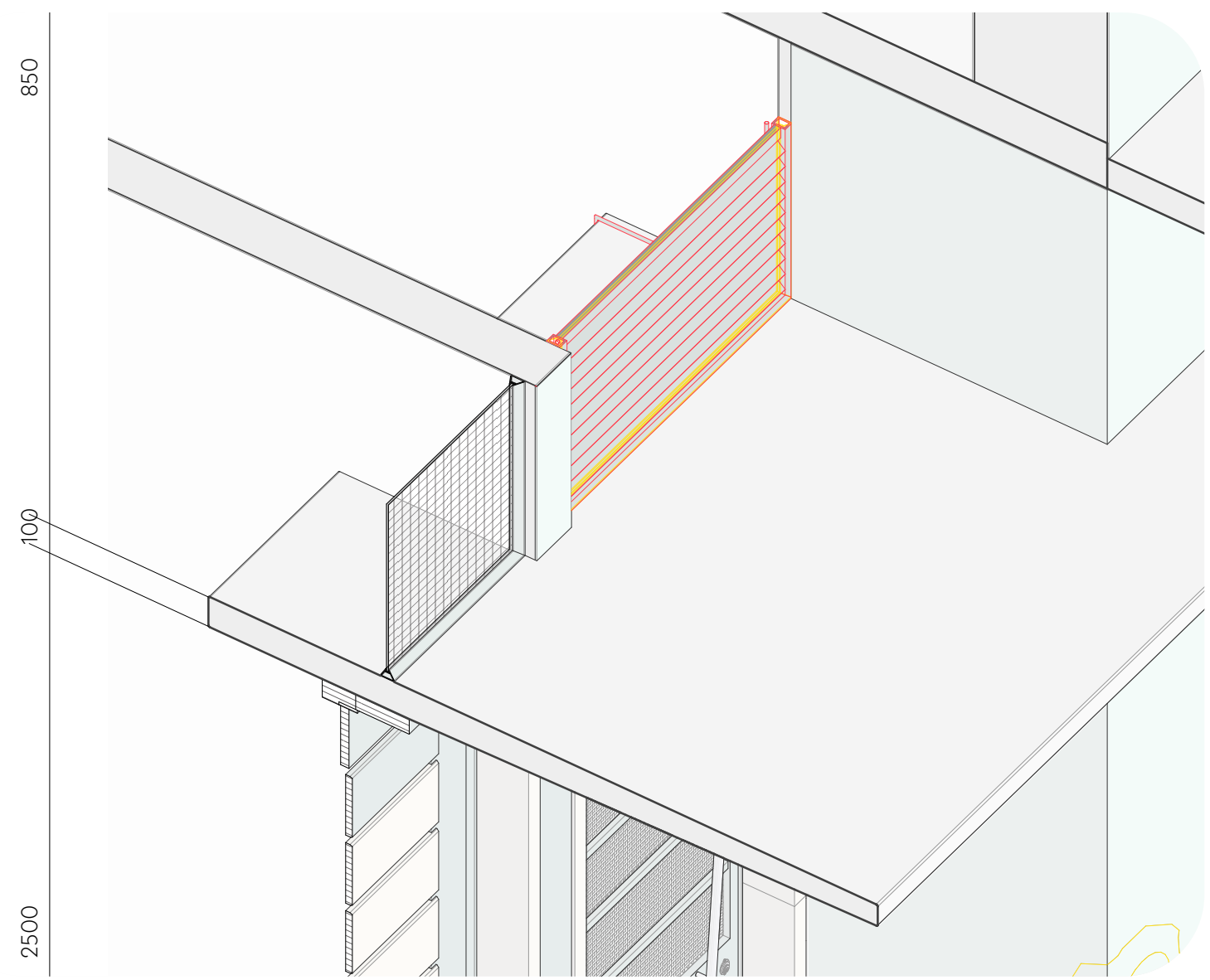




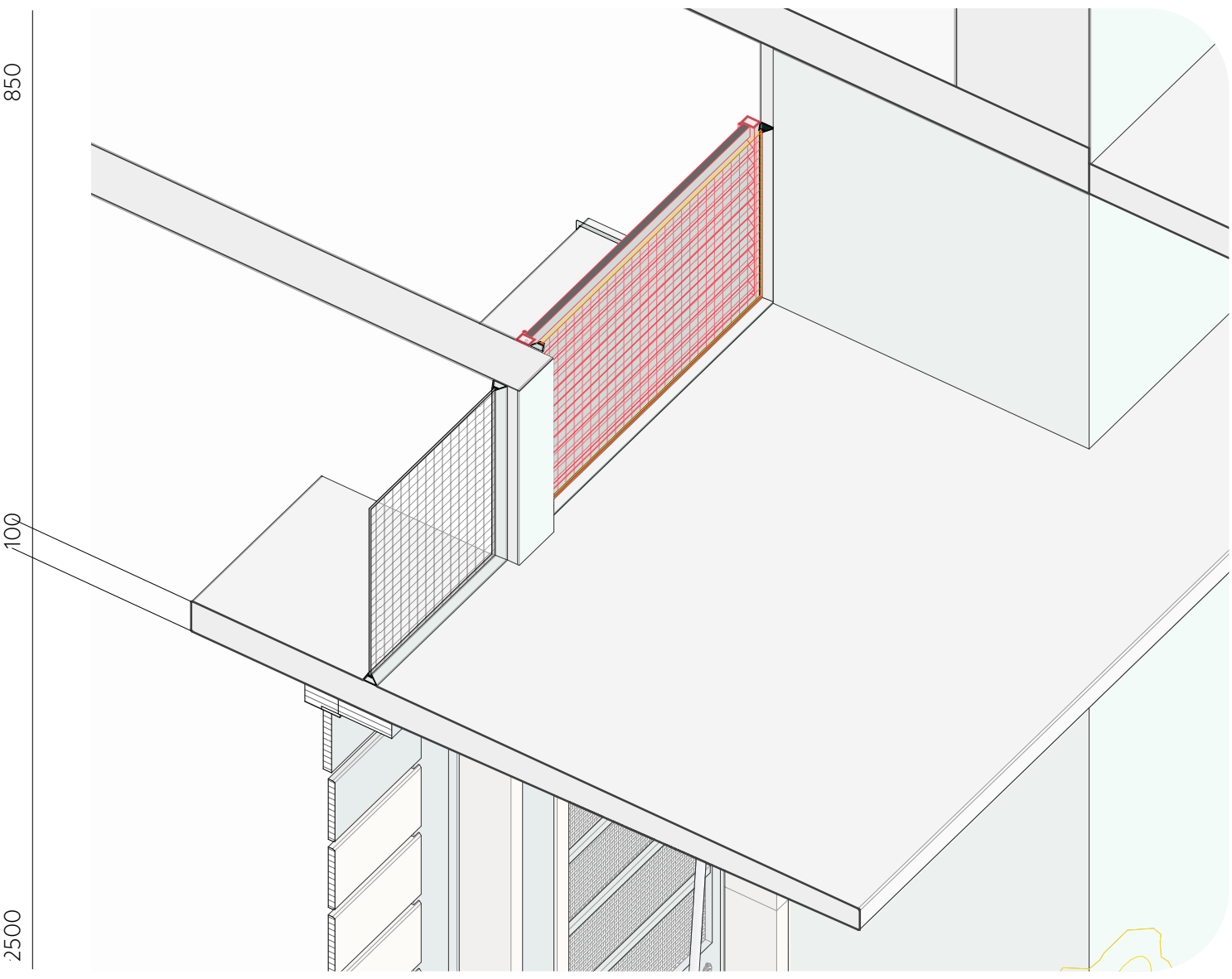
Current Situation



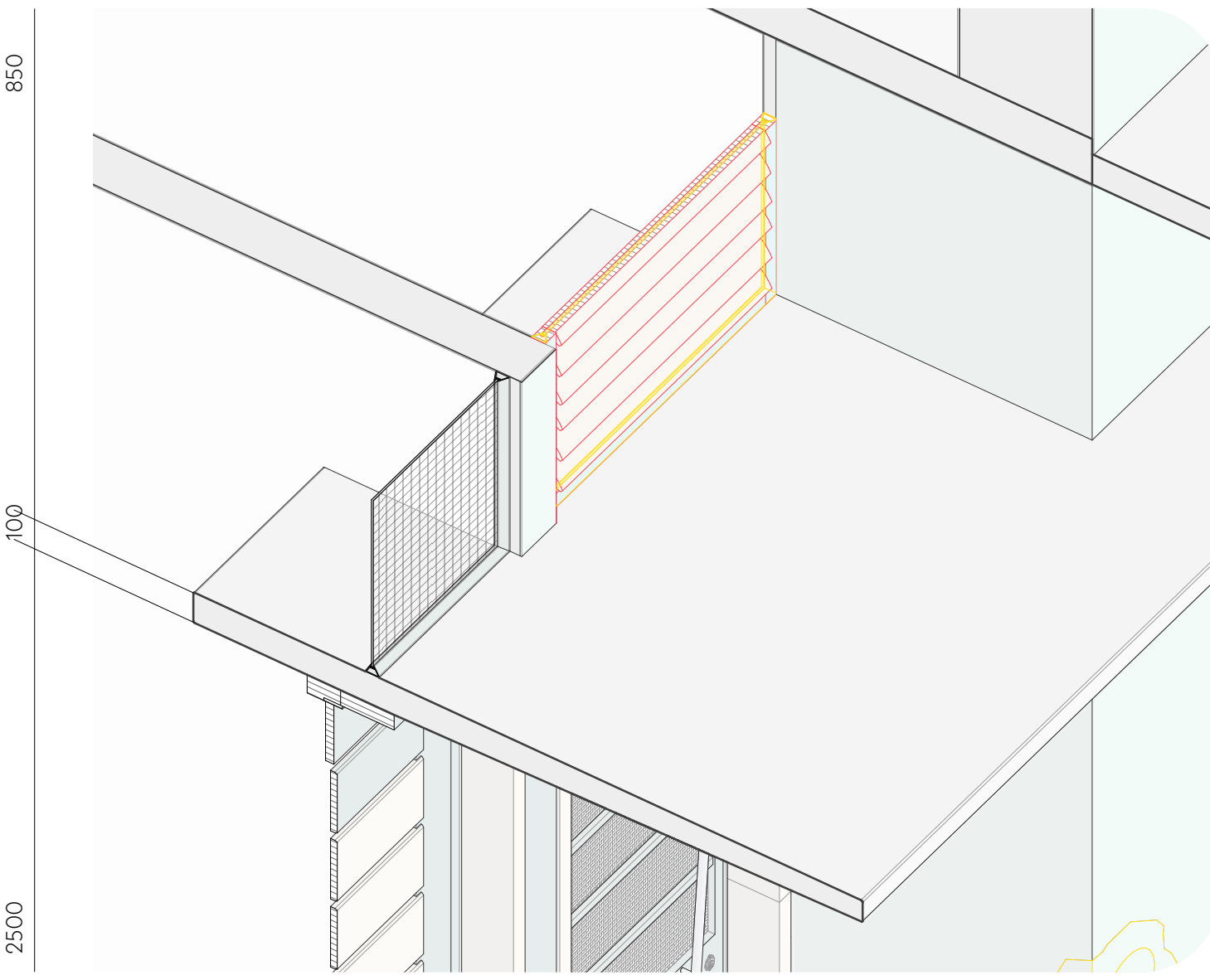
Scenario 2



Scenario 1



Scenario 3





GOAL

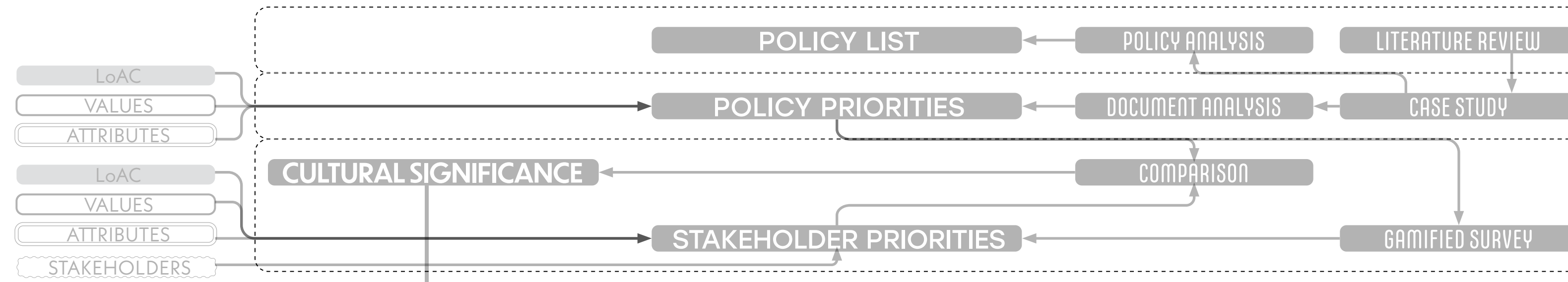
PRODUCT

METHODS

METHODOLOGY

# PART 1 INTRODUCTION

# PART 2 RESEARCH



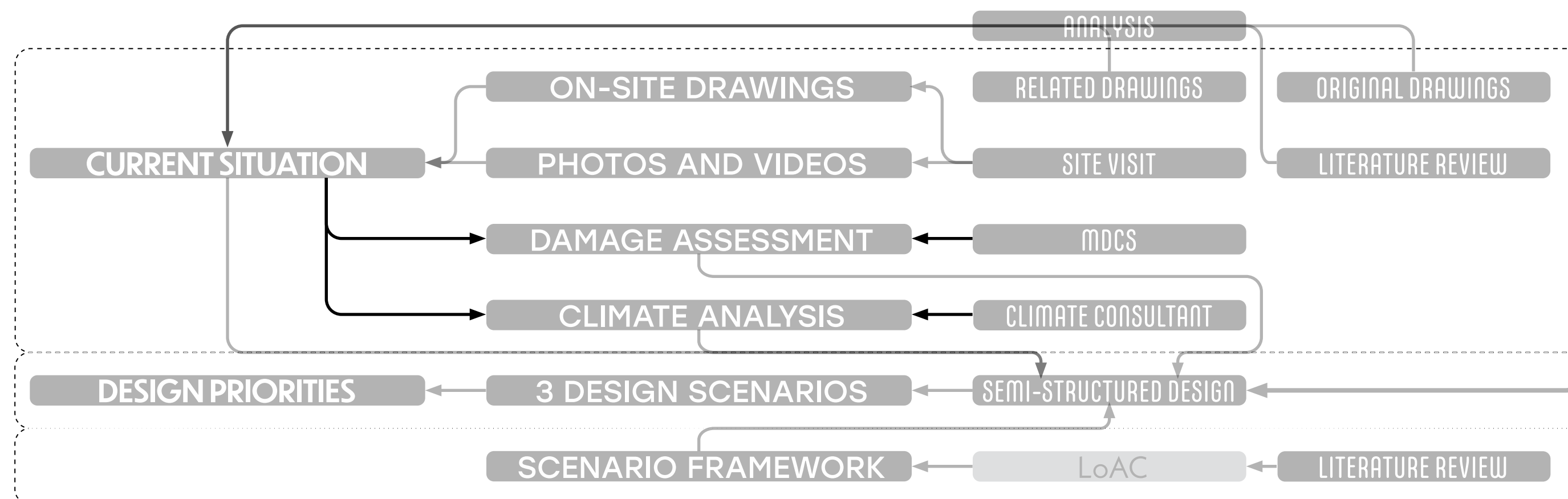
# A CONTEXT

A1 INVENTORY

A2 ANALYSIS

A3 DEFINE SIGNIFICANCE

# PART 3 DESIGN



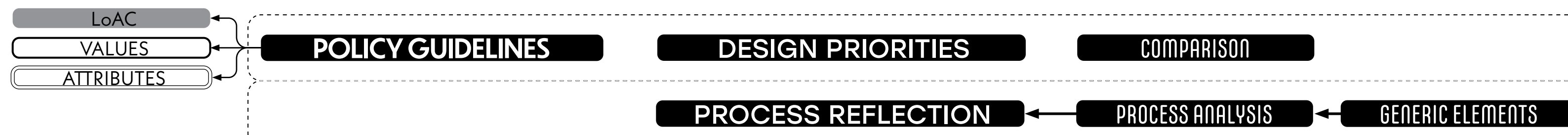
# B STRATEGY

B1 BUILDING ANALYSIS

B2 DEVELOP STRATEGY

B3 INTEGRATE

# PART 4 REFLECTION



# C MANAGE

C1 PRIORITIZE

C2 PROCESS REFLECTION

GOAL

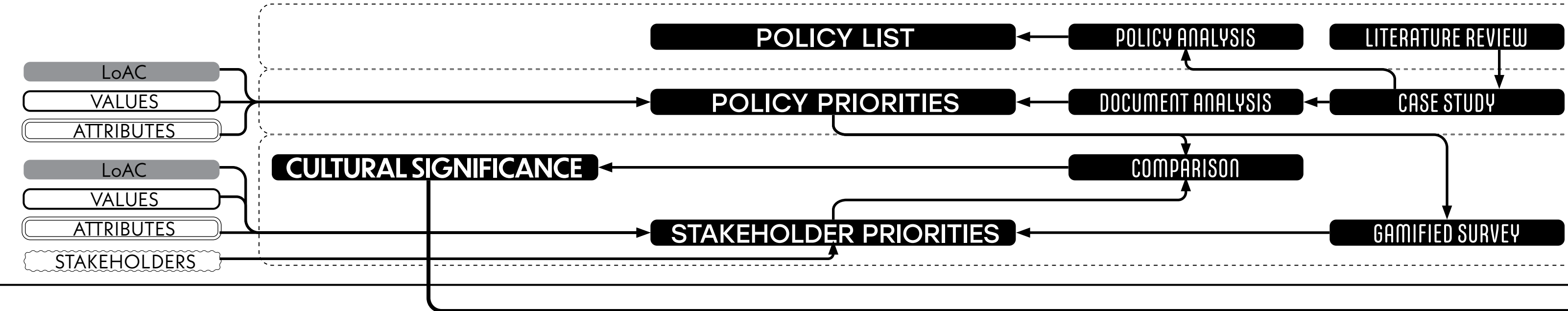
PRODUCT

METHODS

METHODOLOGY

# PART 1 INTRODUCTION

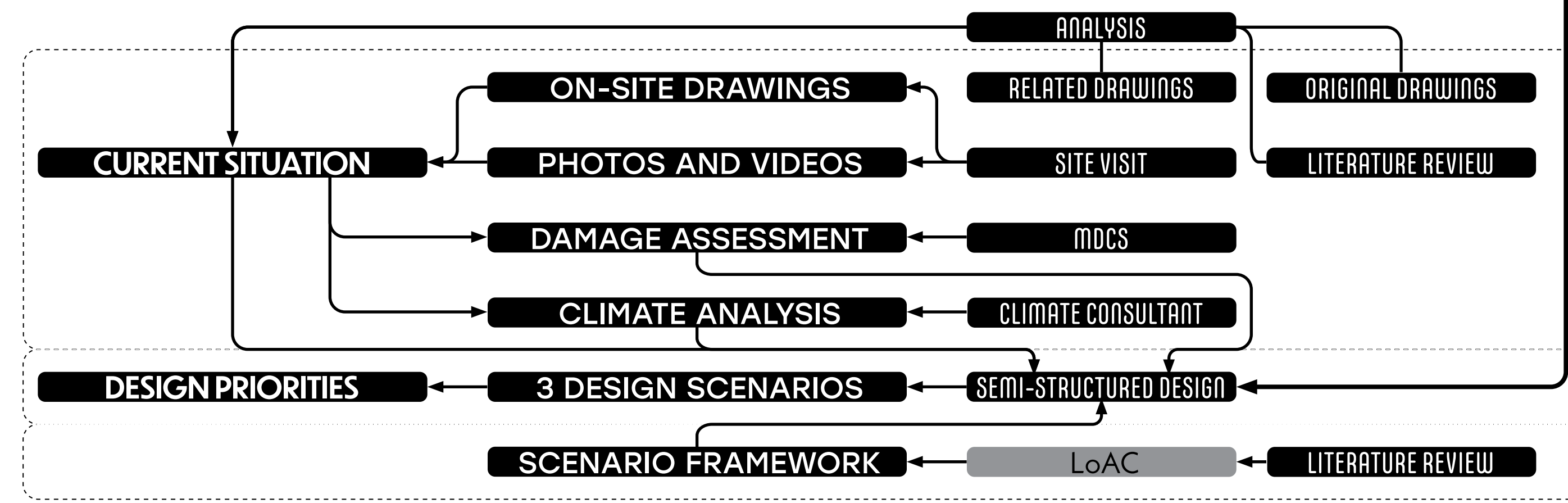
# PART 2 RESEARCH



# A CONTEXT

- A1 INVENTORY
- A2 ANALYSIS
- A3 DEFINE SIGNIFICANCE

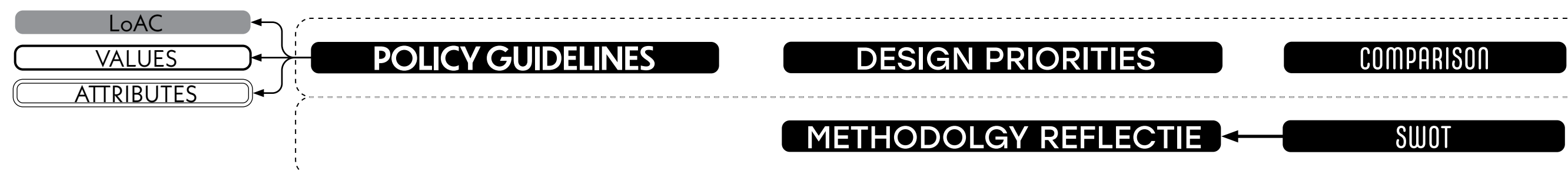
# PART 3 DESIGN



# B STRATEGY

- B1 BUILDING ANALYSIS
- B2 DEVELOP STRATEGY
- B3 INTEGRATE

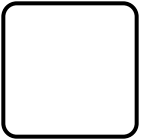
# PART 4 REFLECTION



# C MANAGE

- C1 PRIORITIZE
- C2 PROCESS REFLECTION





<p><u>Strengths</u></p>	<p><u>Weaknesses</u></p>
<p><u>Opportunities</u></p>	<p><u>Threats</u></p>