

53°22' 51" N
1°28' 13" W

Portfolio

JUNJIAN WANG
9 Fargate 2023
IA+D6 Sheffield Hallam University

C O N T E N T S

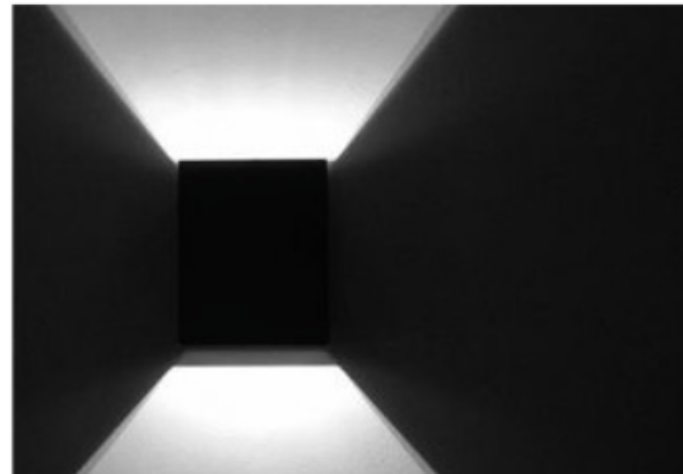
.01

Briefing
+
preliminary research



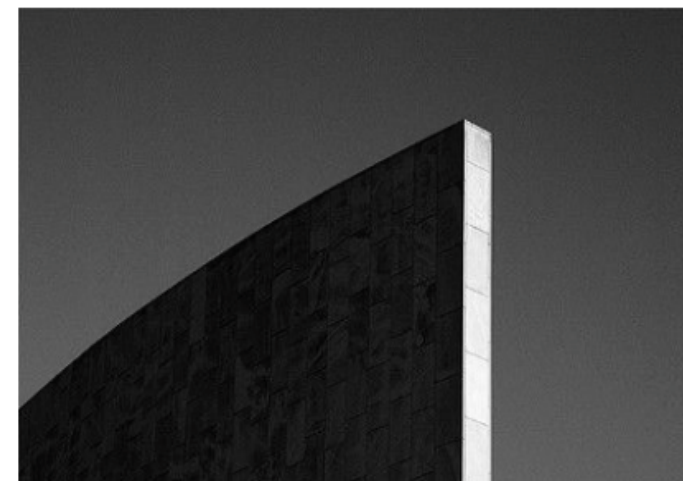
.02

User demand
+
analysis



.03

Material research
+
precedent study



.04

Design proposal
+
final building





UNDERSTANDING THE BRIEF

"Less is more" is not a style, but an attitude to life.

Minimalism abandons all unnecessary decorations that interfere with the main body, leaving only the essential content, allowing the design to return to the original, showing a sense of purity and elegance.

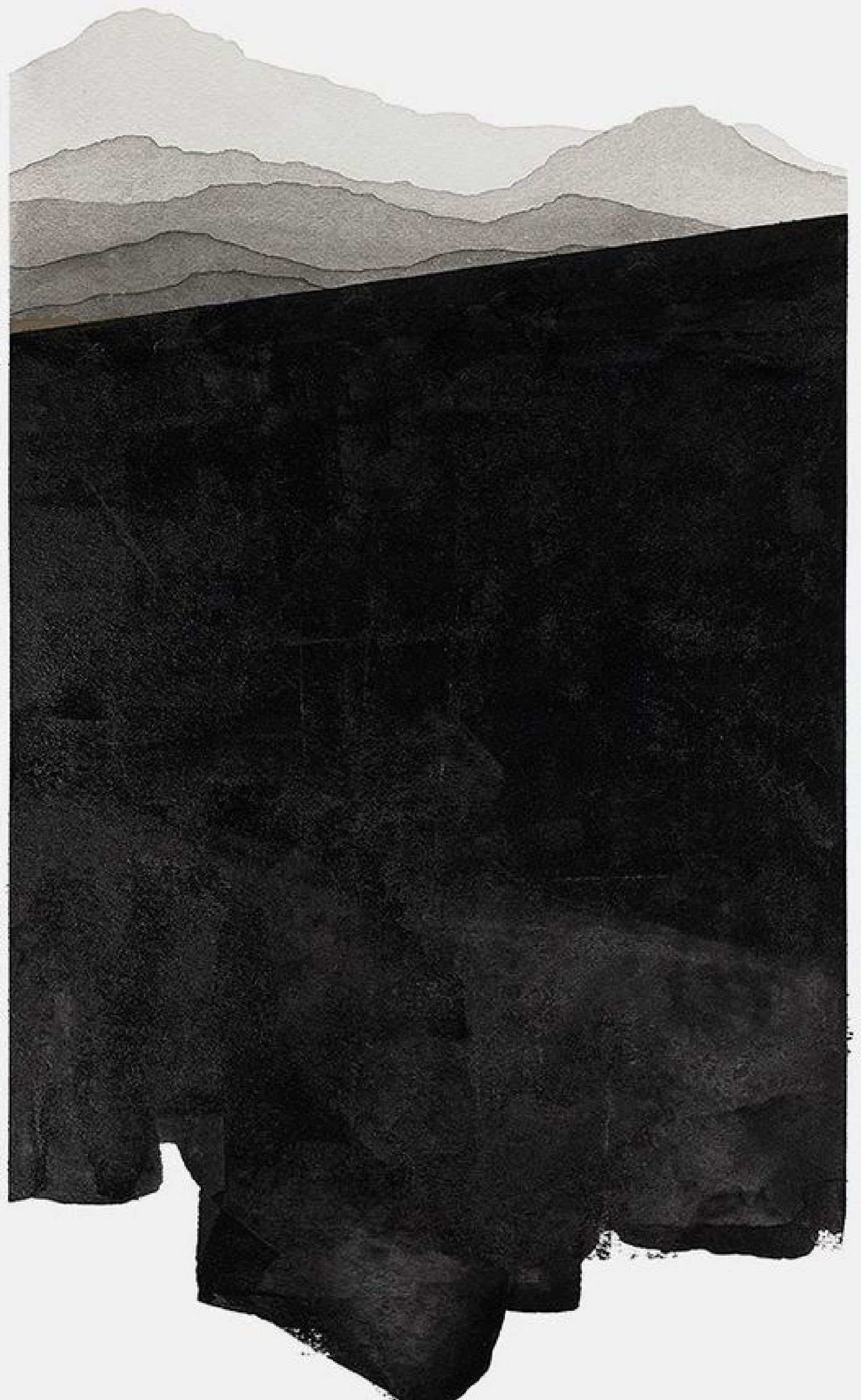
The future trend must be to do subtraction and memory points.

DESIGN BRIEF

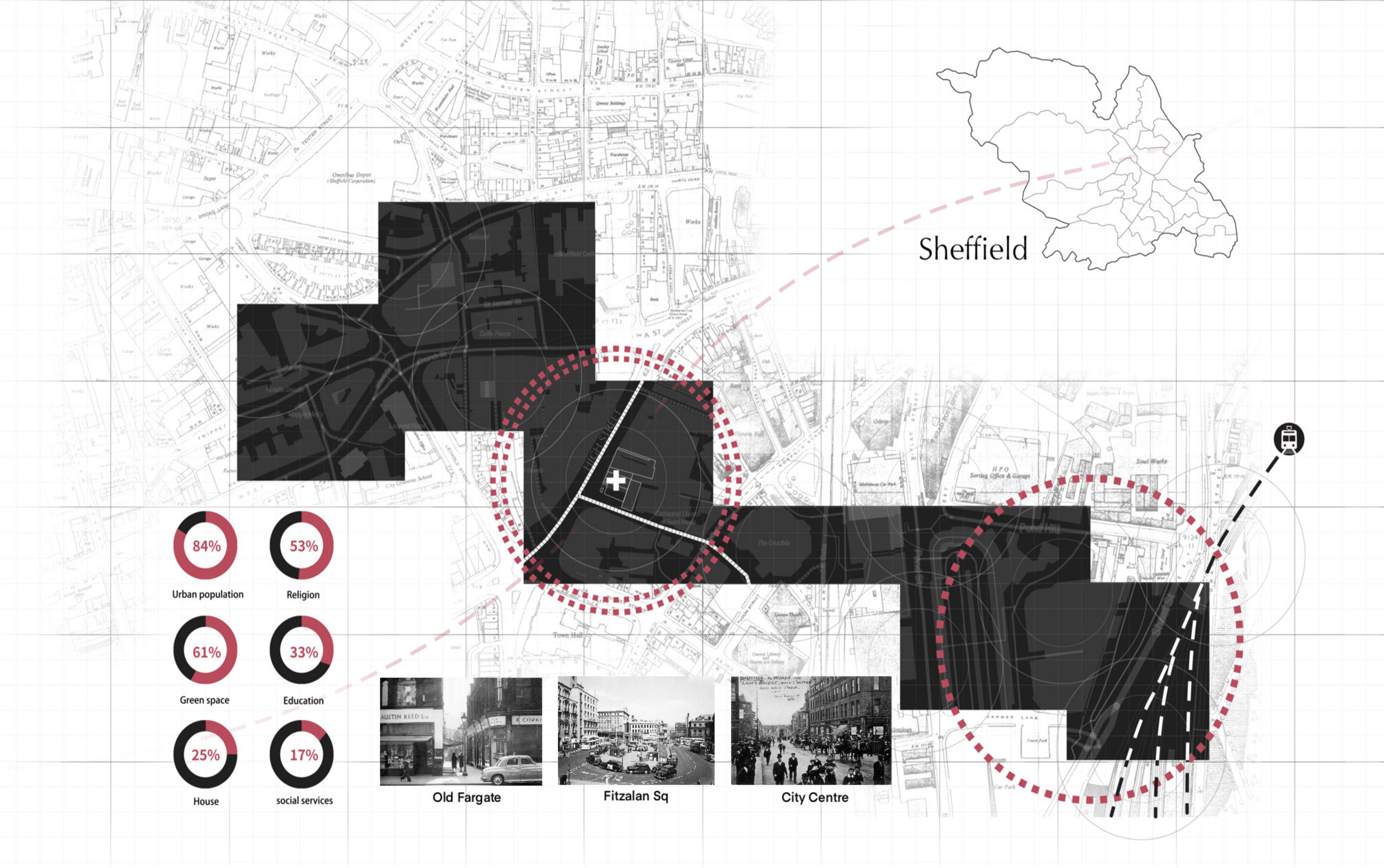
In this interior and architectural design, I will follow the concept of "less is more" and apply it in space design, material selection, color matching and functional design.

The exquisite design and simple layout brought to me by minimalism make me not pursue complicated forms and decorations, but to express architectural intentions with concise and powerful design language as much as possible, which can help people better understand and Use the space. A small amount of high-quality materials such as wood, stone, and cement can provide better texture and touch, and can also reduce the impact of the building on the environment.

I will implement "less is more" in this design, try to make the seemingly empty design rich in connotation and reasonableness, use the way of blank space to express the key points of the design as much as possible, show the tonality of the design, and create a visual and Feel the comfort and connotation.



MAPPING





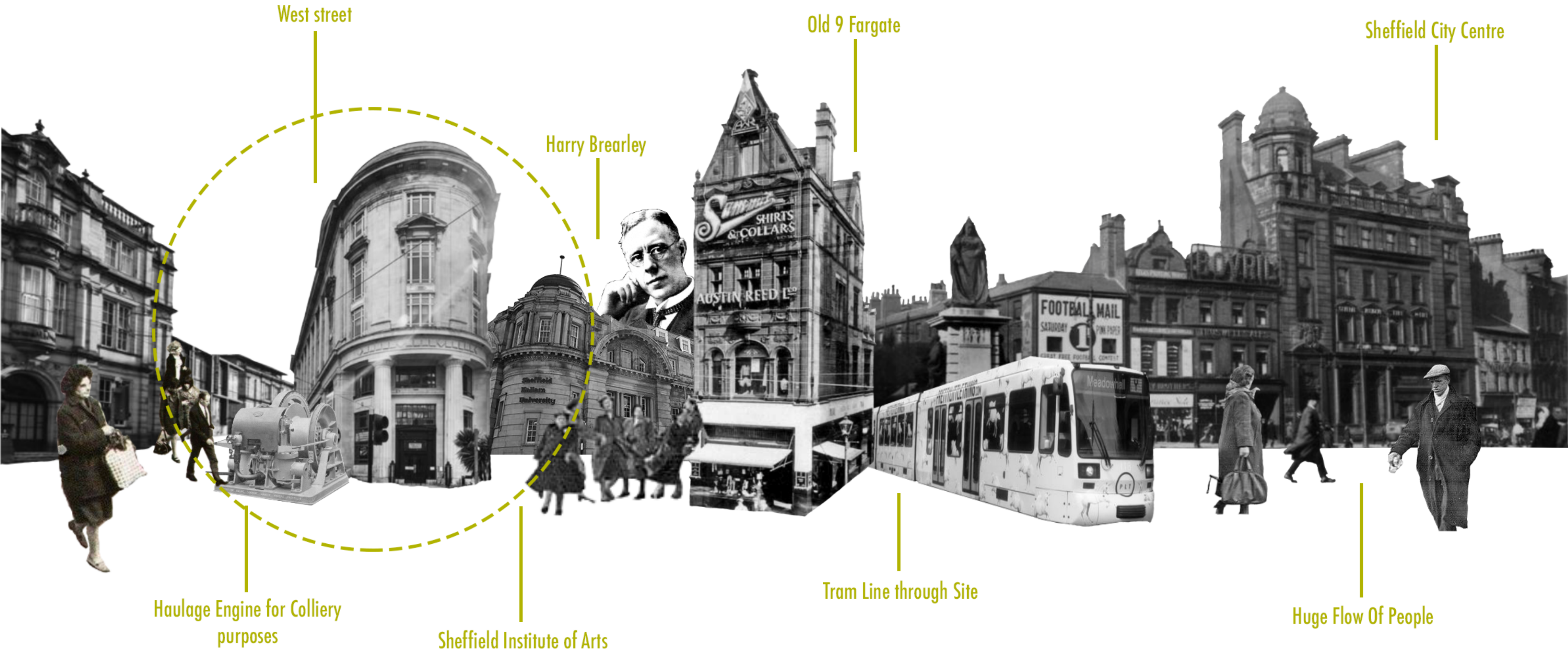
CITY



ARCHITECTURE



LANDSCAPE



1950 1980 1990 2003 2007 2018 2022

During the 1950s and 60s, many of the city's slums were demolished and replaced with housing schemes such as Park Hill Apartments. Much of the city center has also been cleared to make way for a new road system.

The 1980s saw the worst period of industrial decline in Sheffield and many other parts of the UK.

When Meadowhall Center was completed in 1990 on the site of a former steel mill, it was a mixed blessing, creating much-needed jobs but also hastening the decline of the downtown core.

The Winter Gardens opened in May 2003, and Millennium Square, a public space connecting the two areas, opened in May 2006.

Sheffield was particularly hard hit during the 2007 UK floods and the 2010 'Great Freeze'. Due to the proximity to the river that flows through the city, many iconic buildings were flooded.

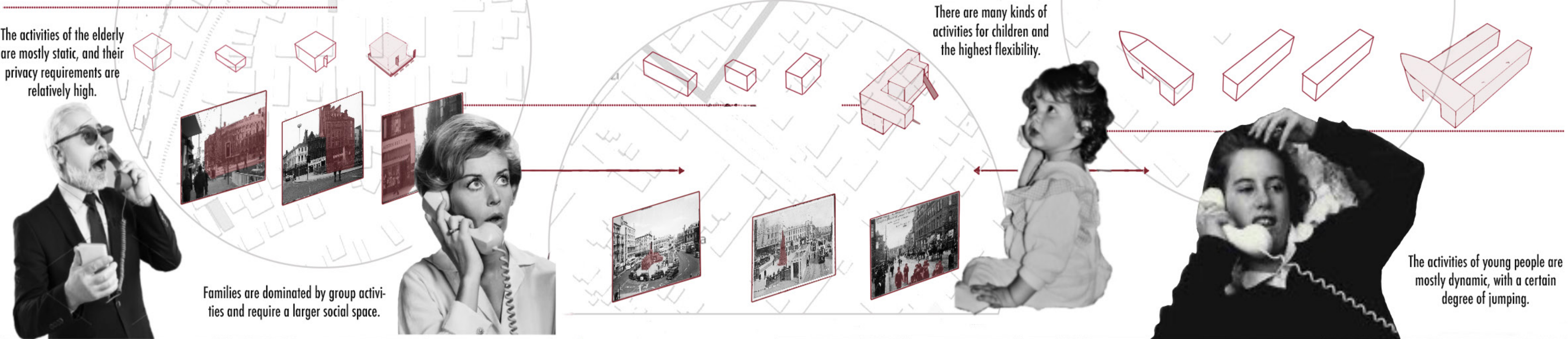
The protests eventually stopped in 2018 after the council suspended its tree-felling program as part of a new approach the council was developing to preserve the city's street trees.

In June this year, a brand new shipping container complex will open at Fargate in Sheffield city centre, which will be made from shipping containers and feature food vendors, shops, toilets, living walls, outdoor seating and large screens.

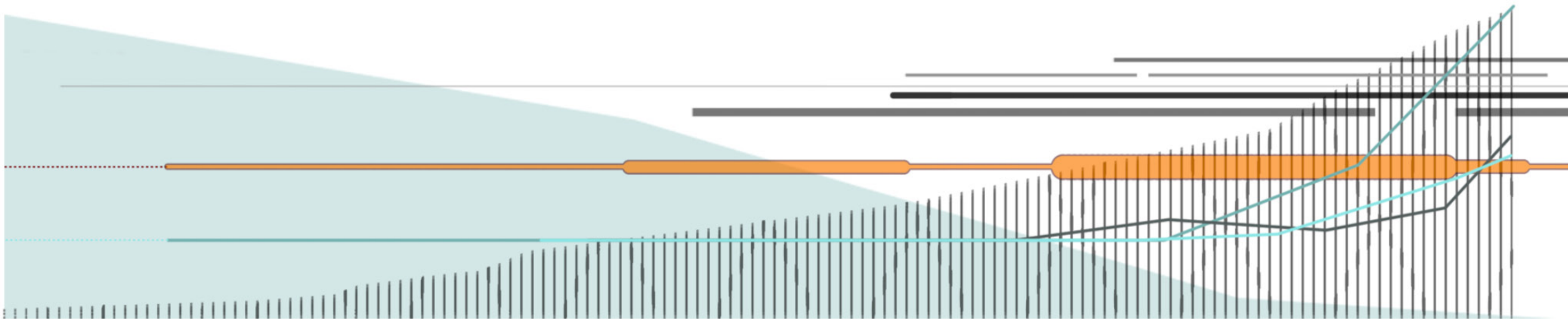
USER DEMAND



USER ANALYSIS



- GREEN SPACE
- TRAFFIC
- INDUSTRIAL
- ECONOMIC
- POPULATION

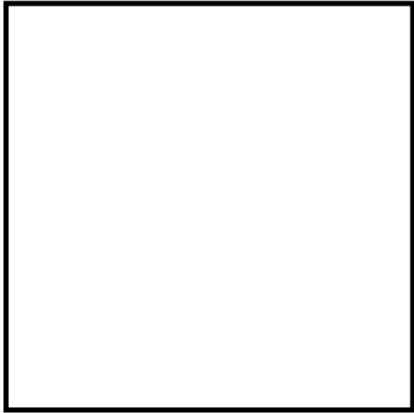


CONCEPT

Abstract texture plus abstract architecture

By studying different materials and their textures, and trying different permutations and combinations, a comfortable visual experience can be obtained.

Texture



Texture 000
Blank texture



Texture 001
Wood texture



Texture 002
Blank texture



Texture 003
Stone texture



Texture 004
Copper texture



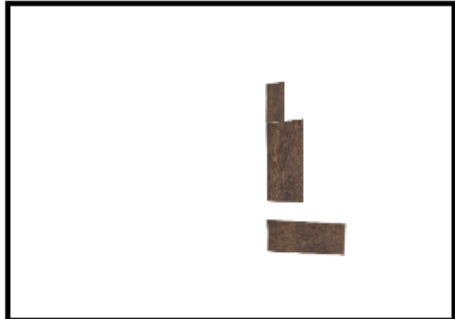
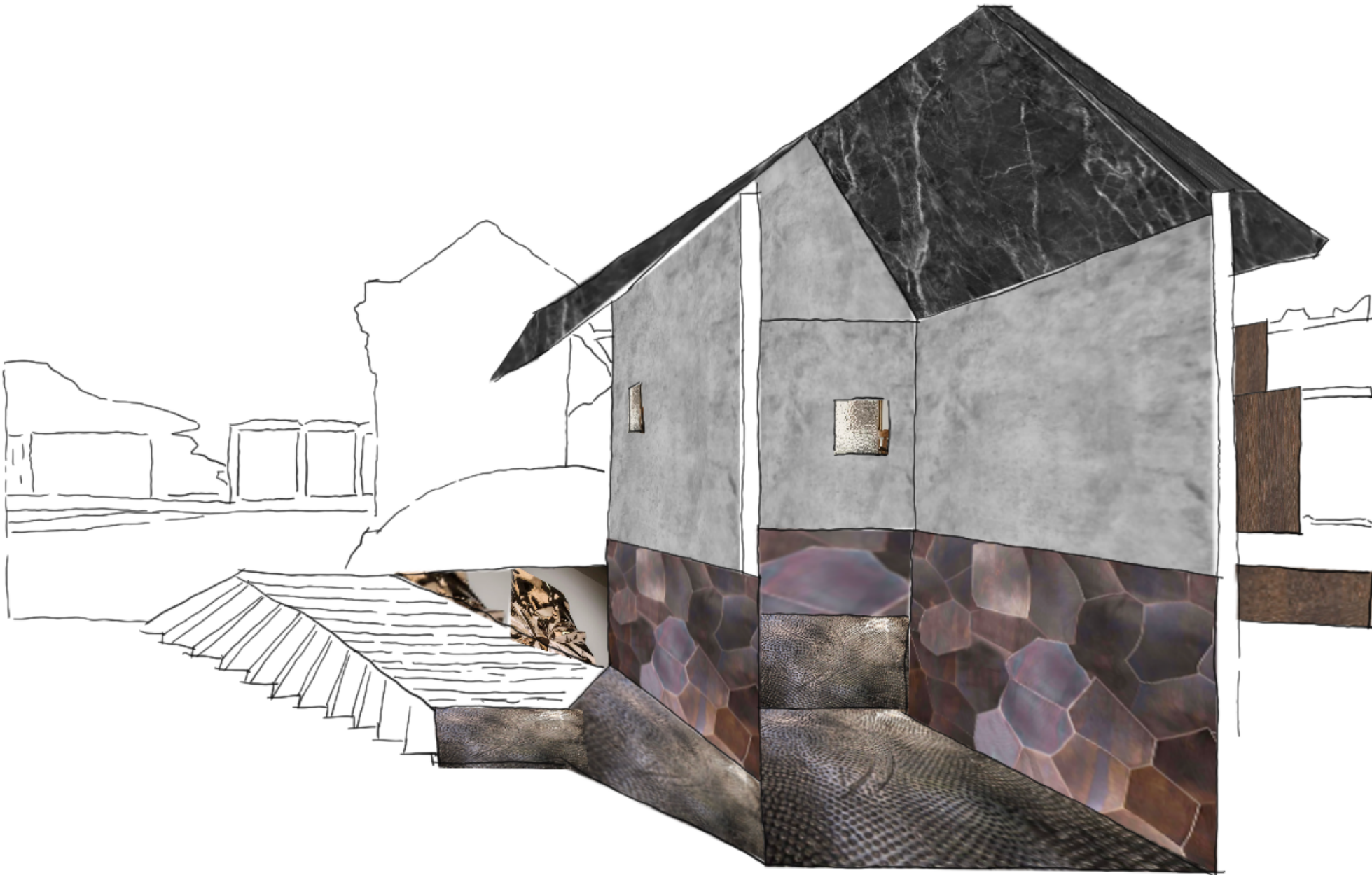
Texture 005
Iron texture



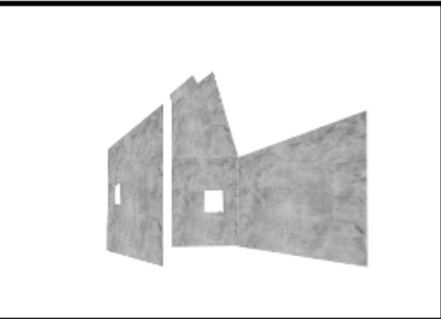
Texture 006
Glass texture



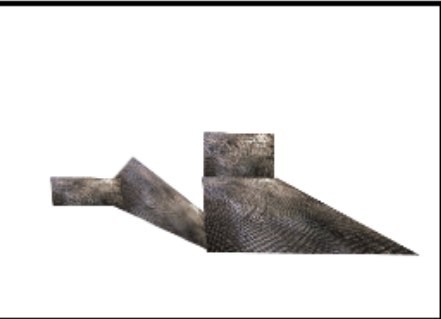
Texture 007
Mixed metal texture



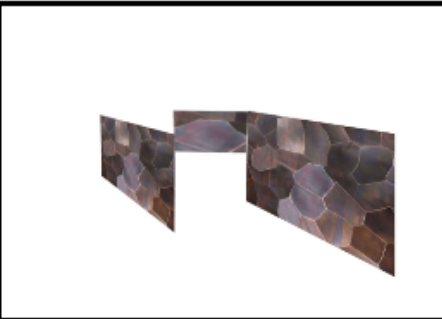
Combination 001



Combination 002



Combination 003



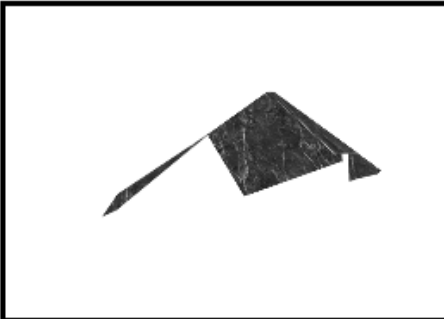
Combination 004



Combination 005



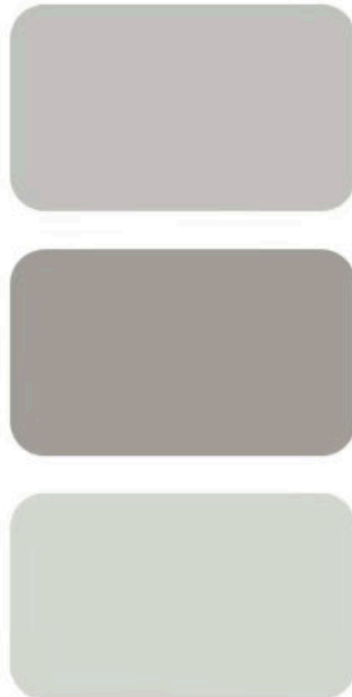
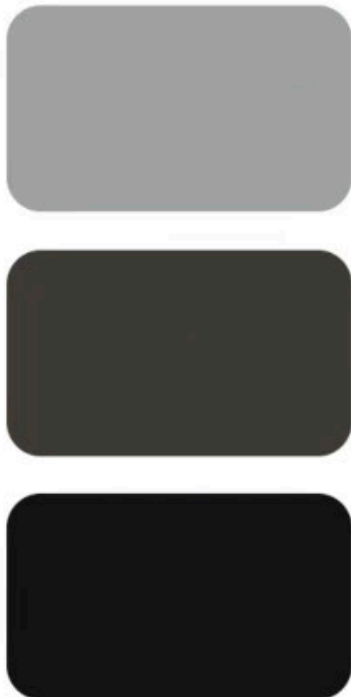
Combination 006

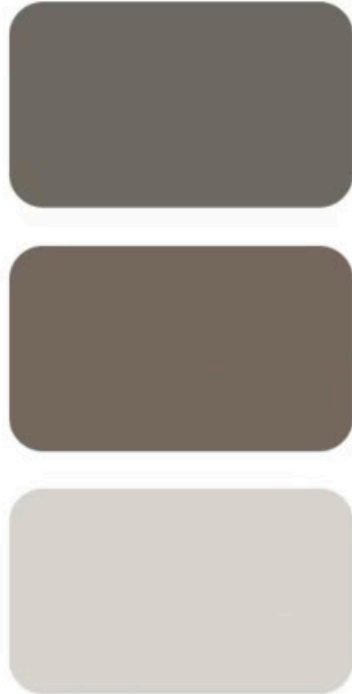
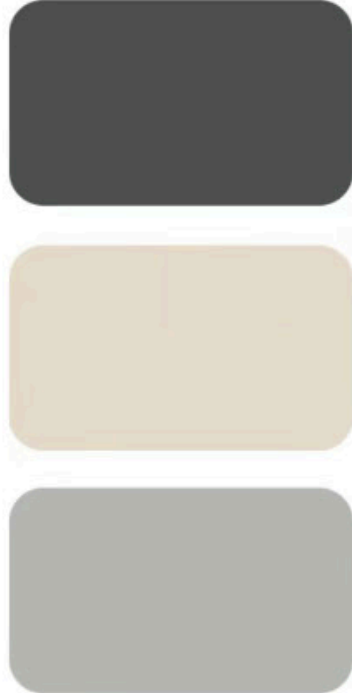
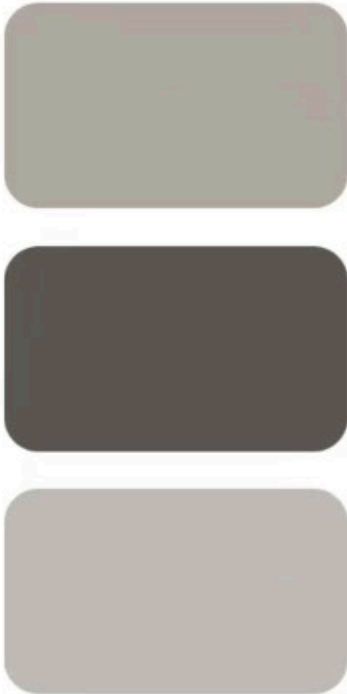
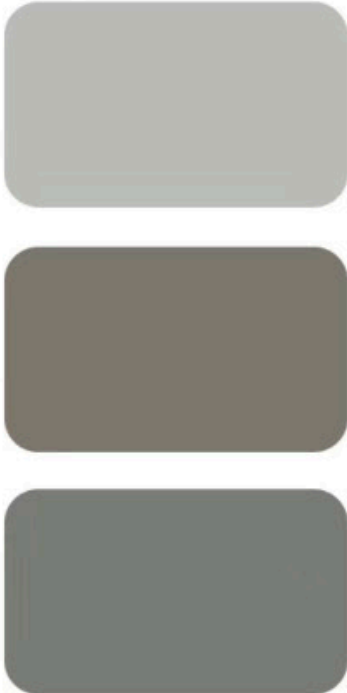
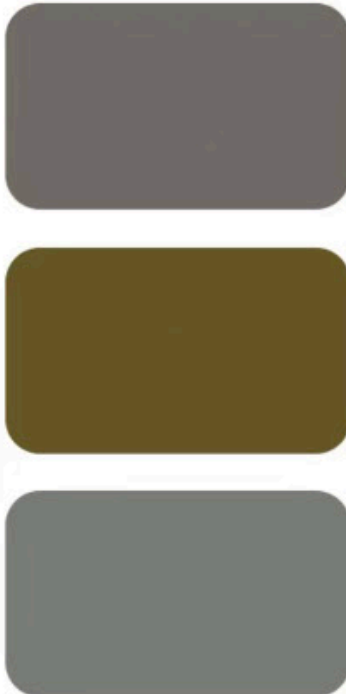


Combination 007



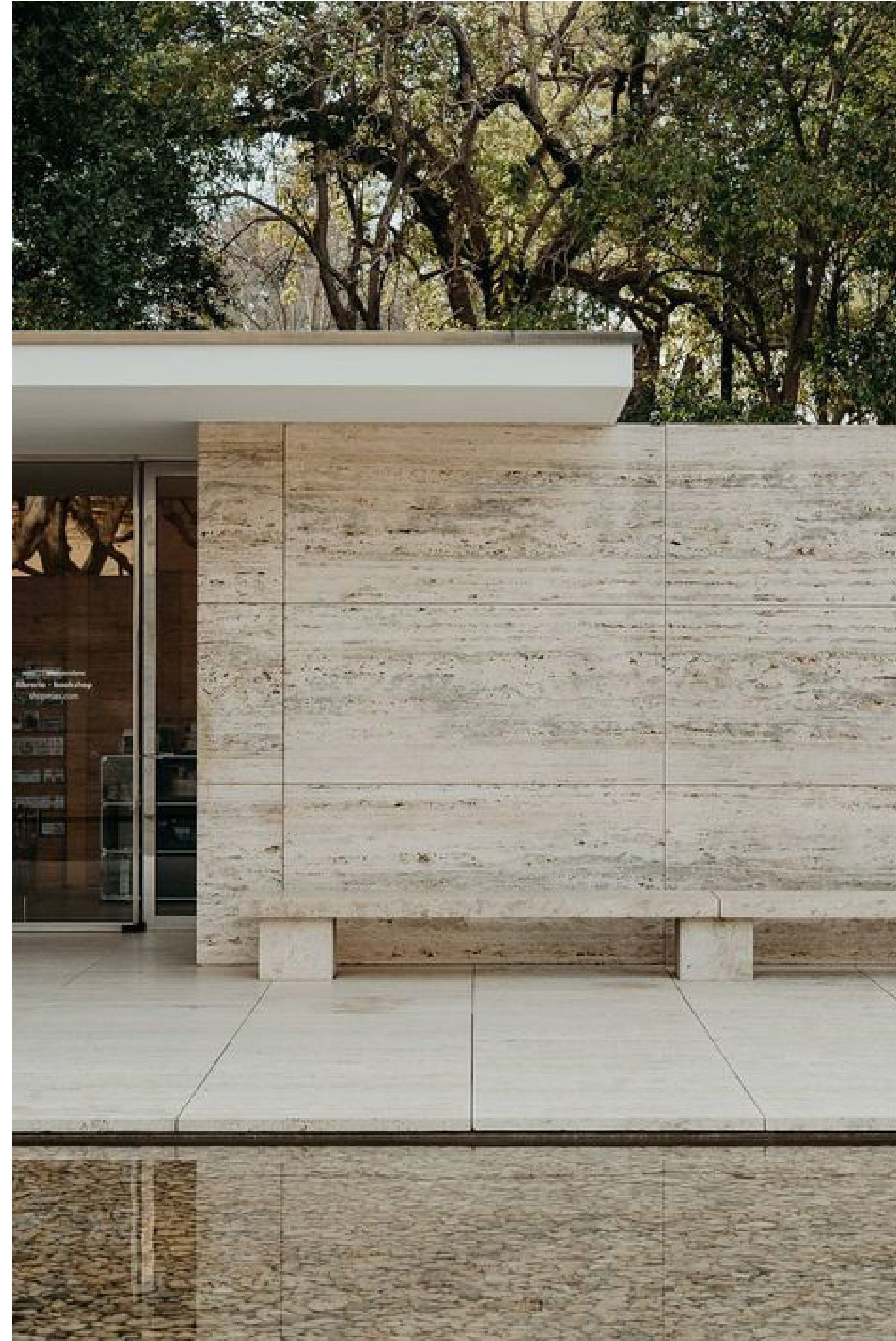
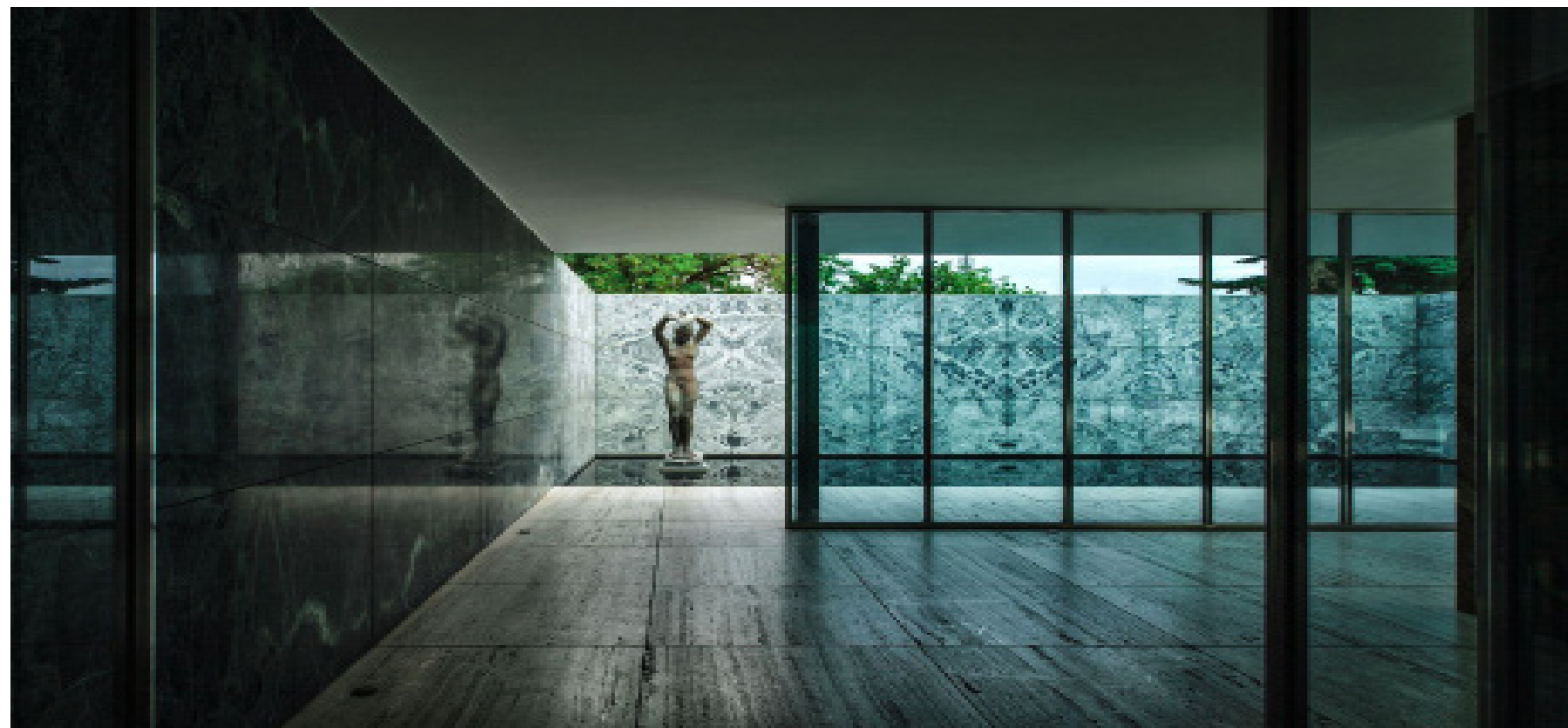
Combination 008





PRECEDENT STUDY 01

The clever space design in classic buildings can better understand the functional design so as to improve the final design.



Barcelona Pavilion

"Less is more" is Mies van der Rohe's architectural design concept, which embodies Mies' architectural views and characteristics. The cumbersome decoration hinders the industrialization process of the building; the "diversity" reveals the simple and rich architectural effect and the maximum use space that can be created under the conditions of large-scale industrial production.

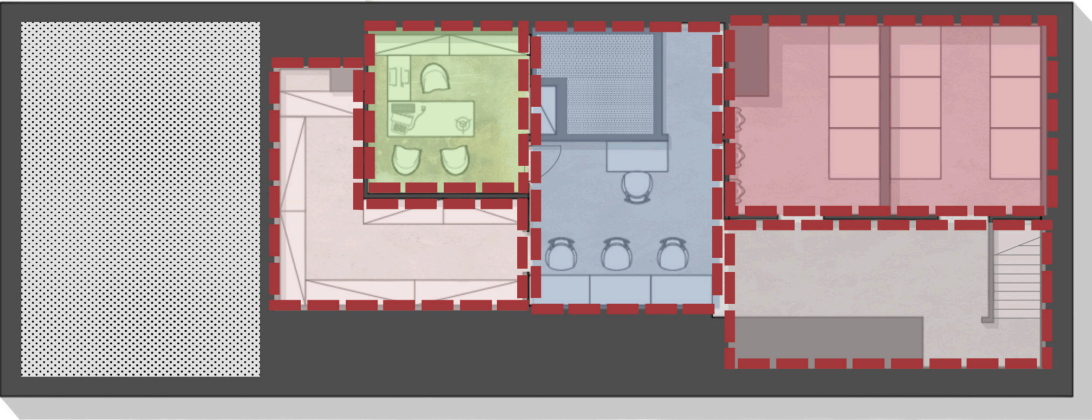
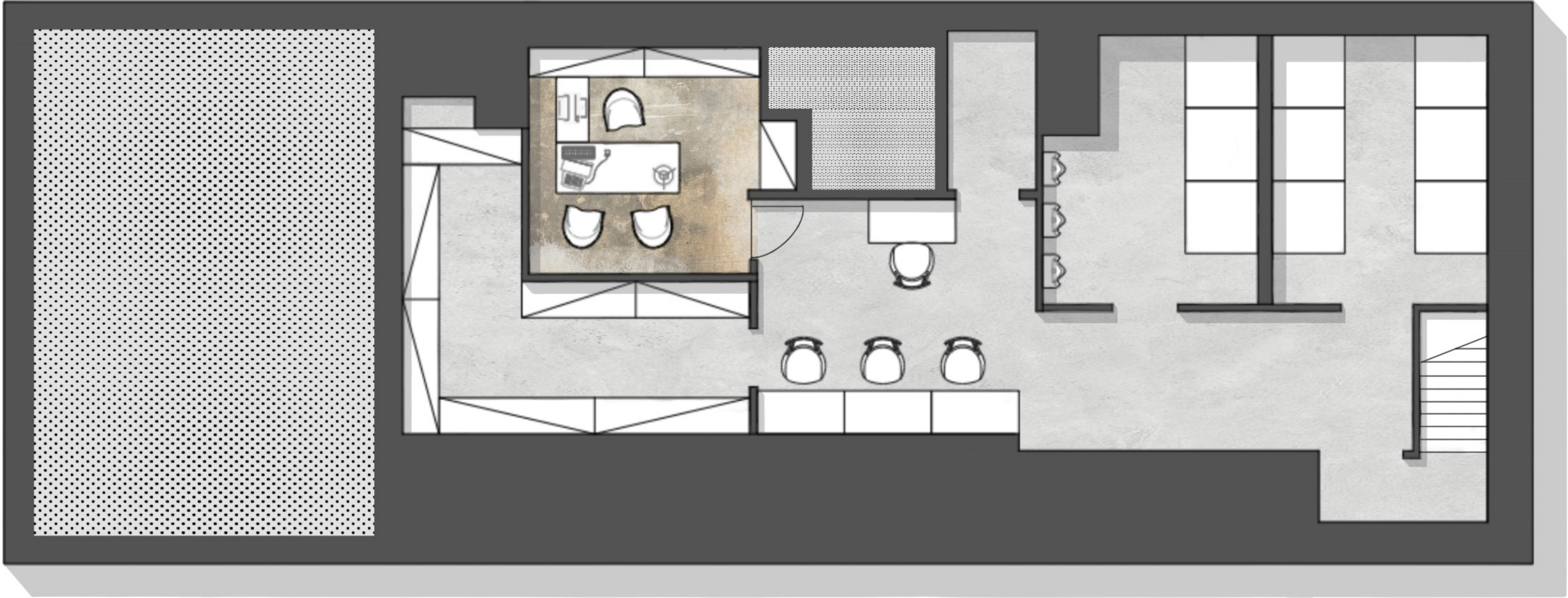




DESIGN PROPOSAL

Line draft plan @1:100 A2

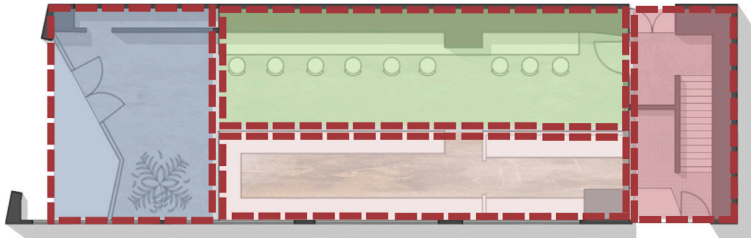
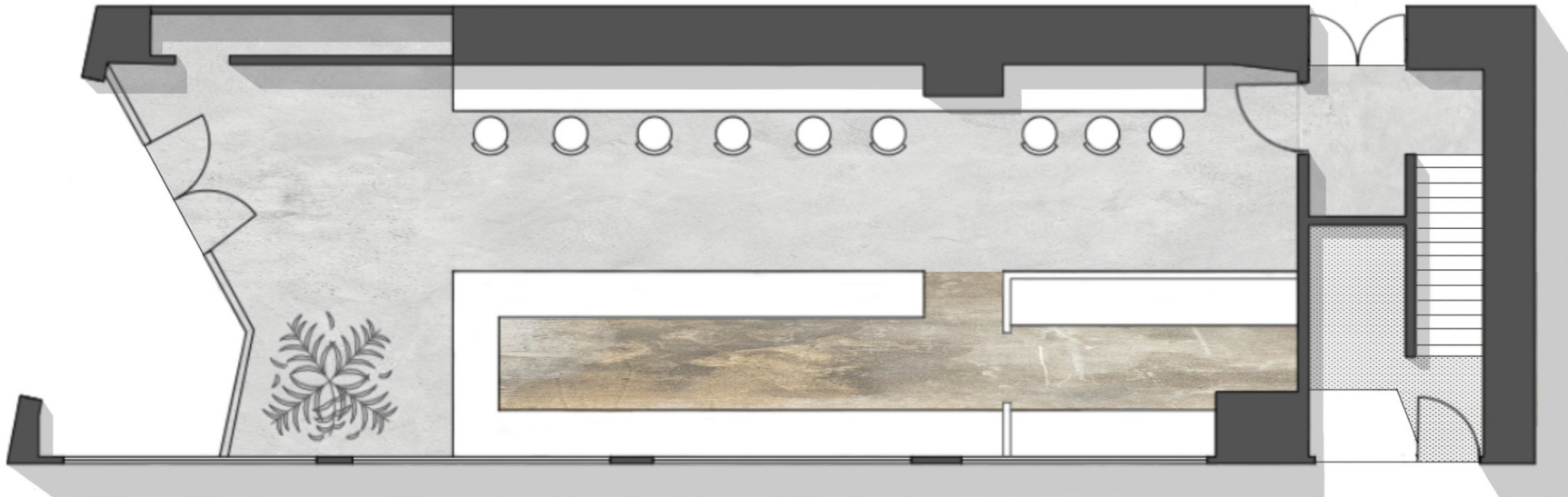
Basement



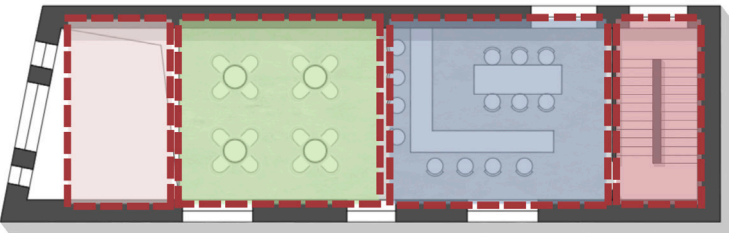
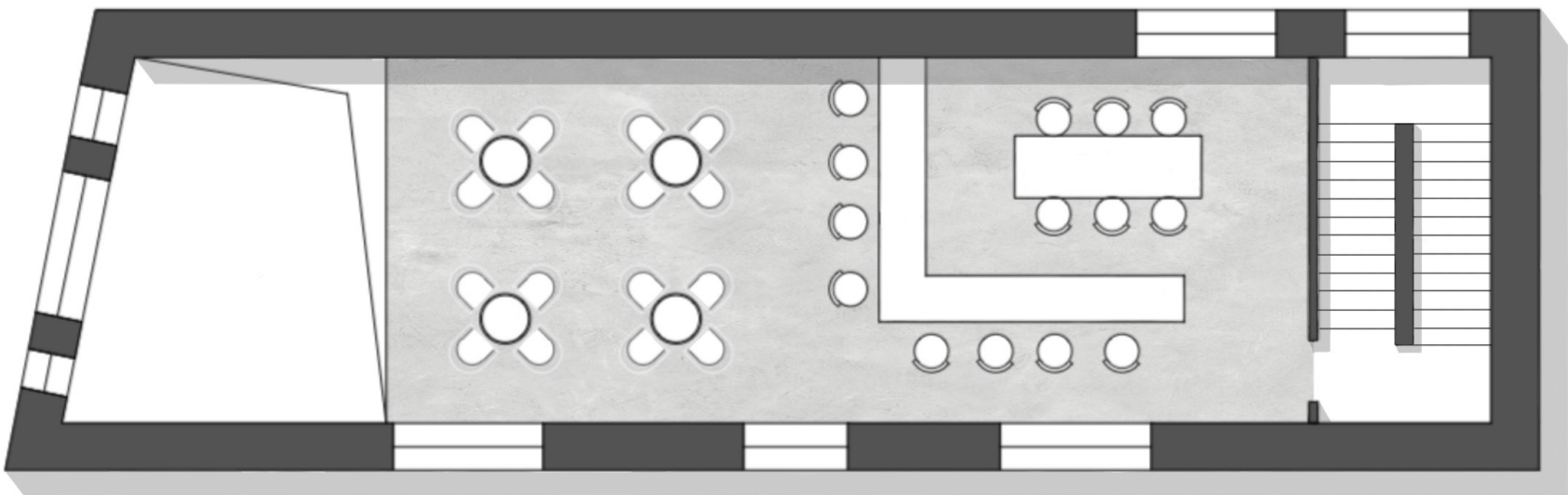
DESIGN PROPOSAL

Line draft plan @1:100 A2

Ground Floor



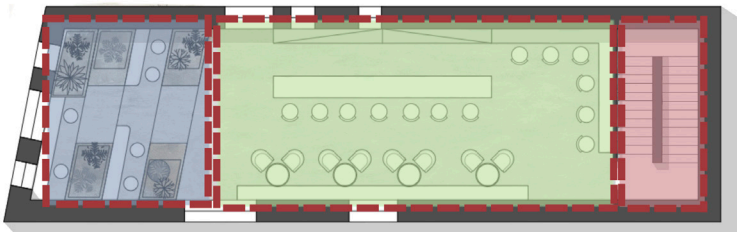
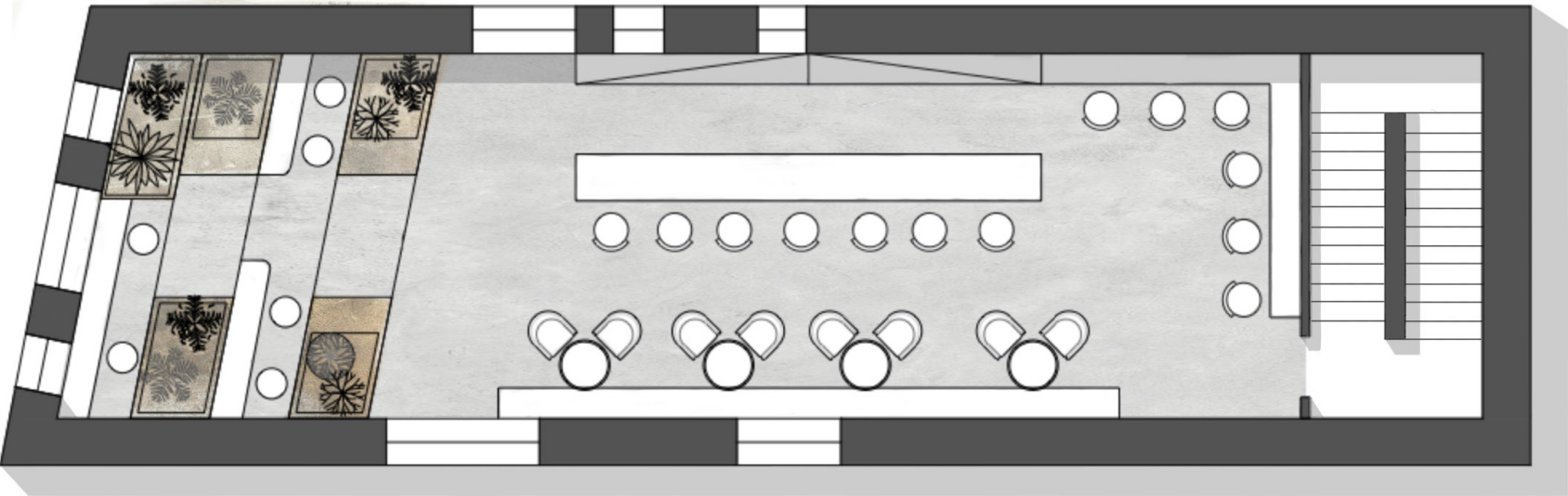
First Floor



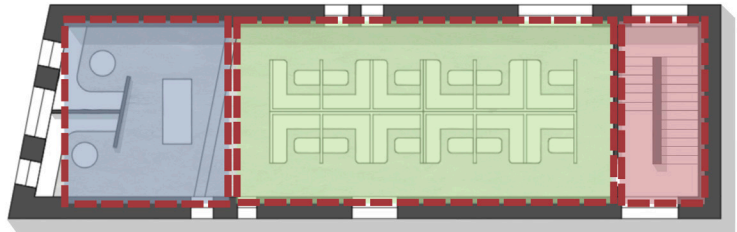
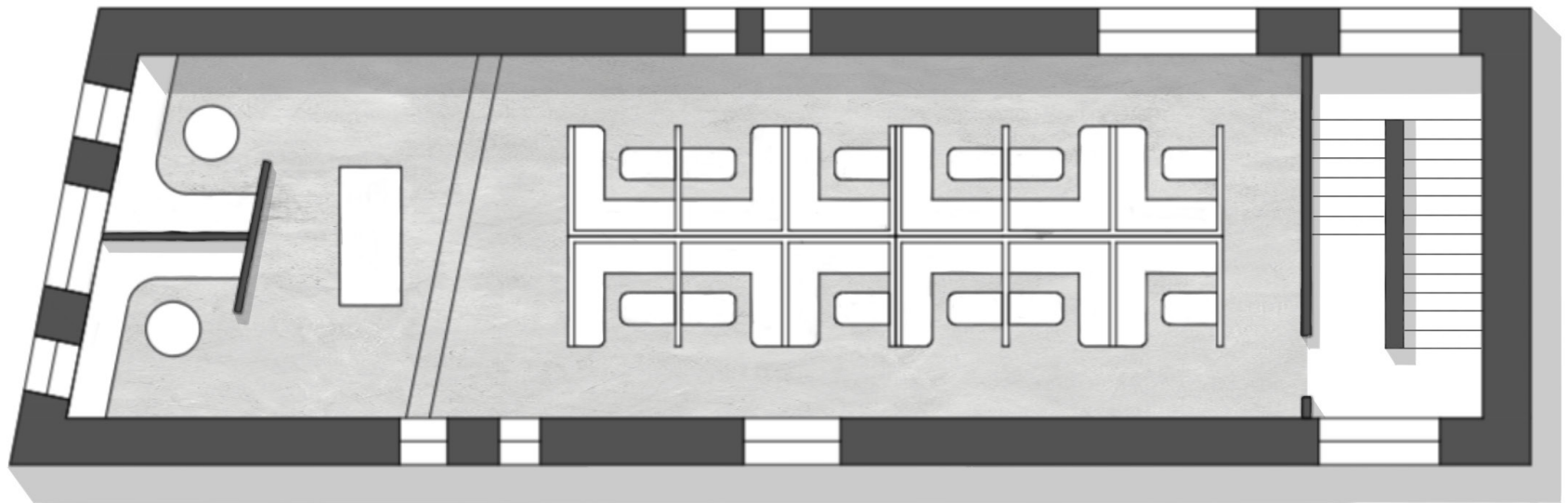
DESIGN PROPOSAL

Line draft plan @1:100 A2

Second Floor

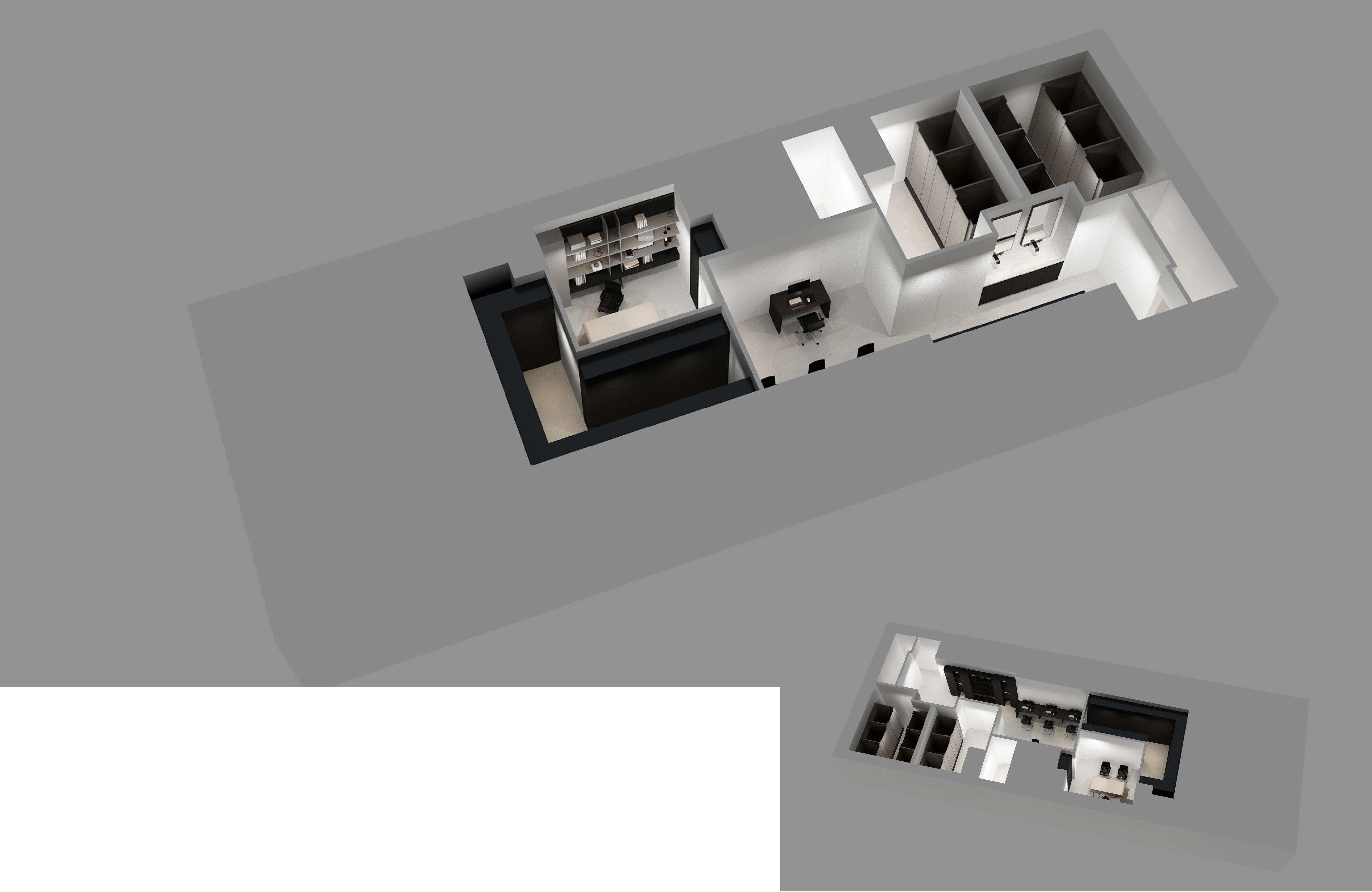


Third Floor



DESIGN PROPOSAL

Axonometric view of the basement @ 1:100 A2



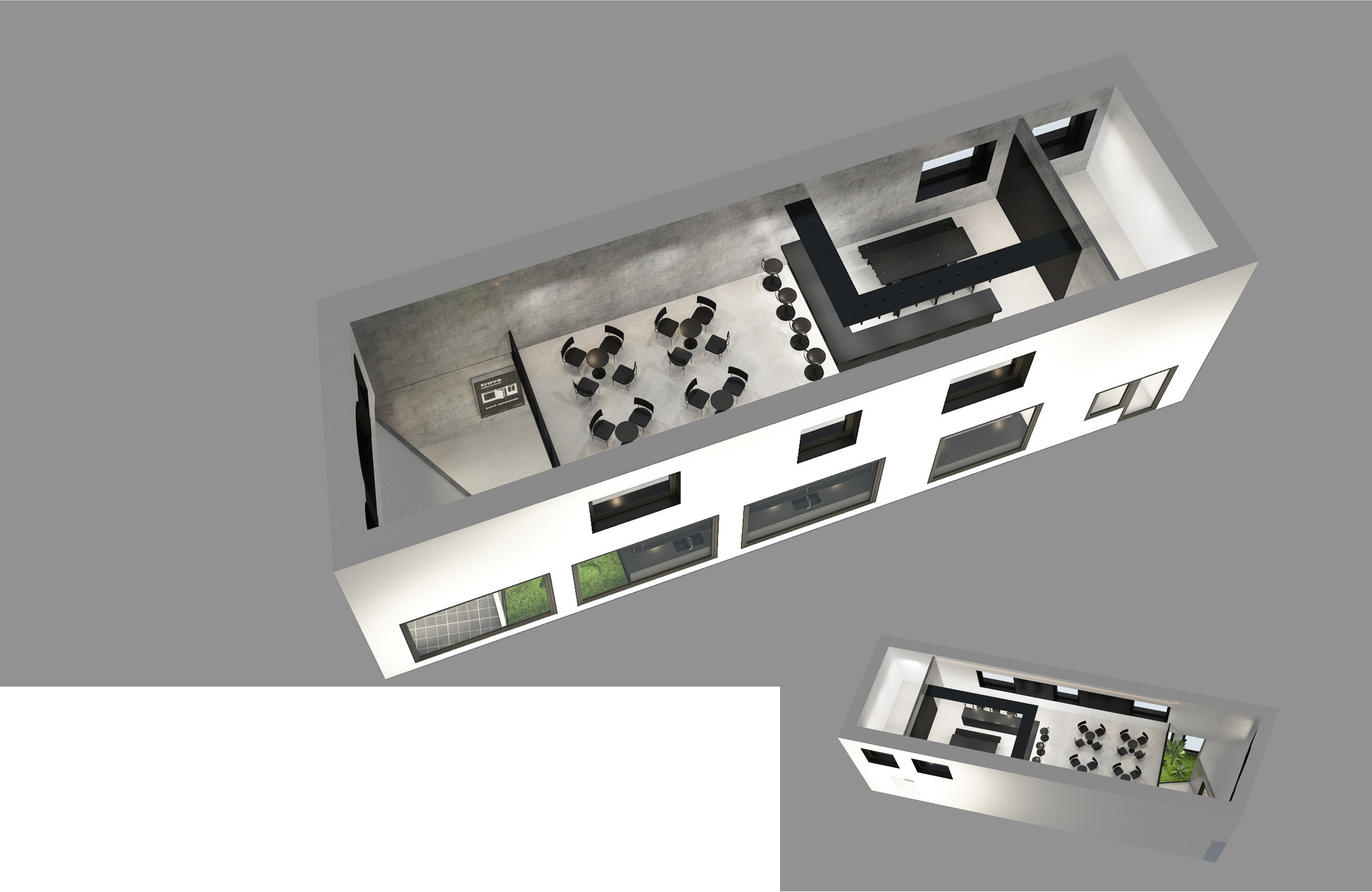
DESIGN PROPOSAL

Axonometric view of the ground floor @ 1:100 A2



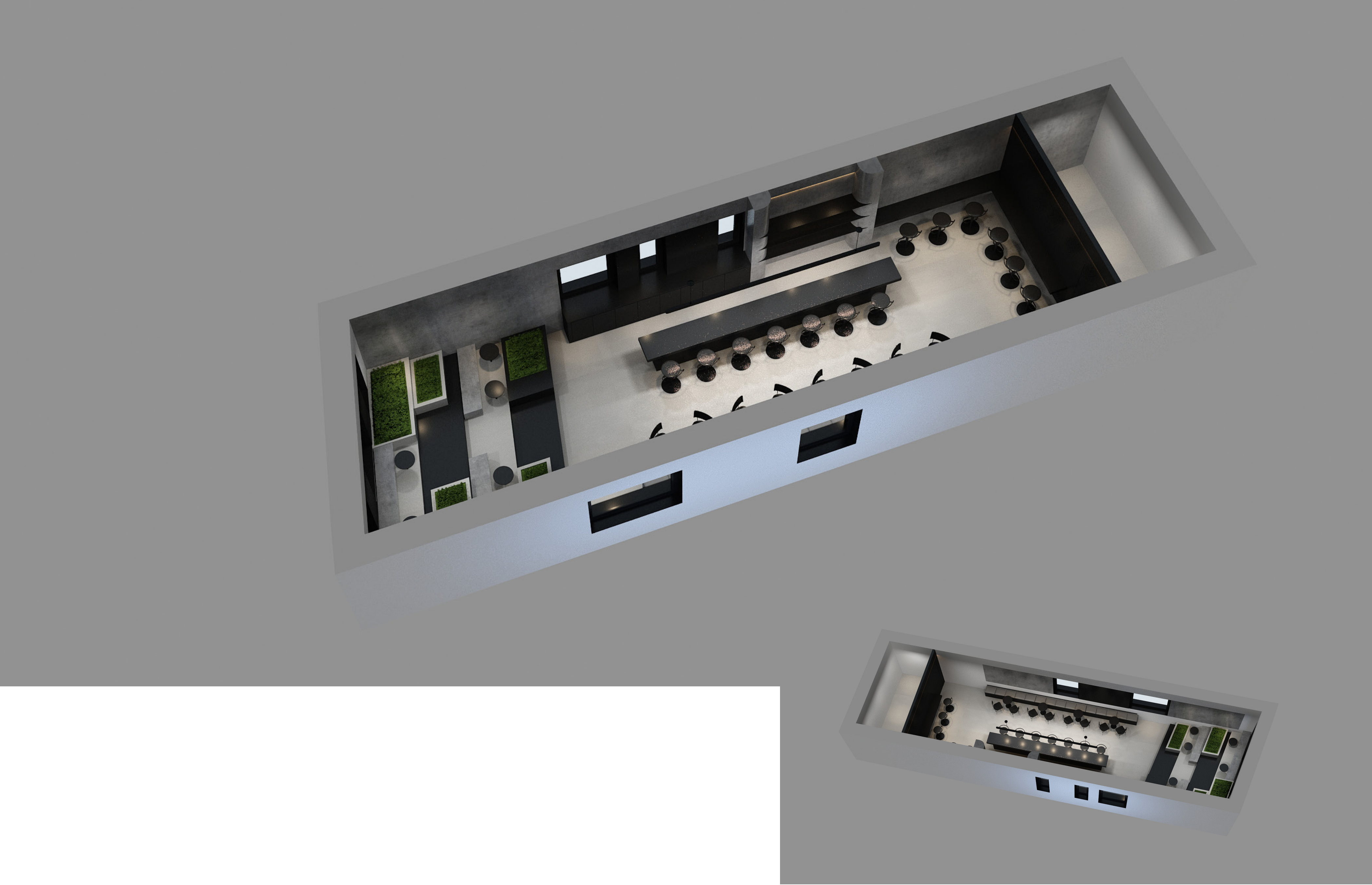
DESIGN PROPOSAL

Axonometric view of the first floor @ 1:100 A2



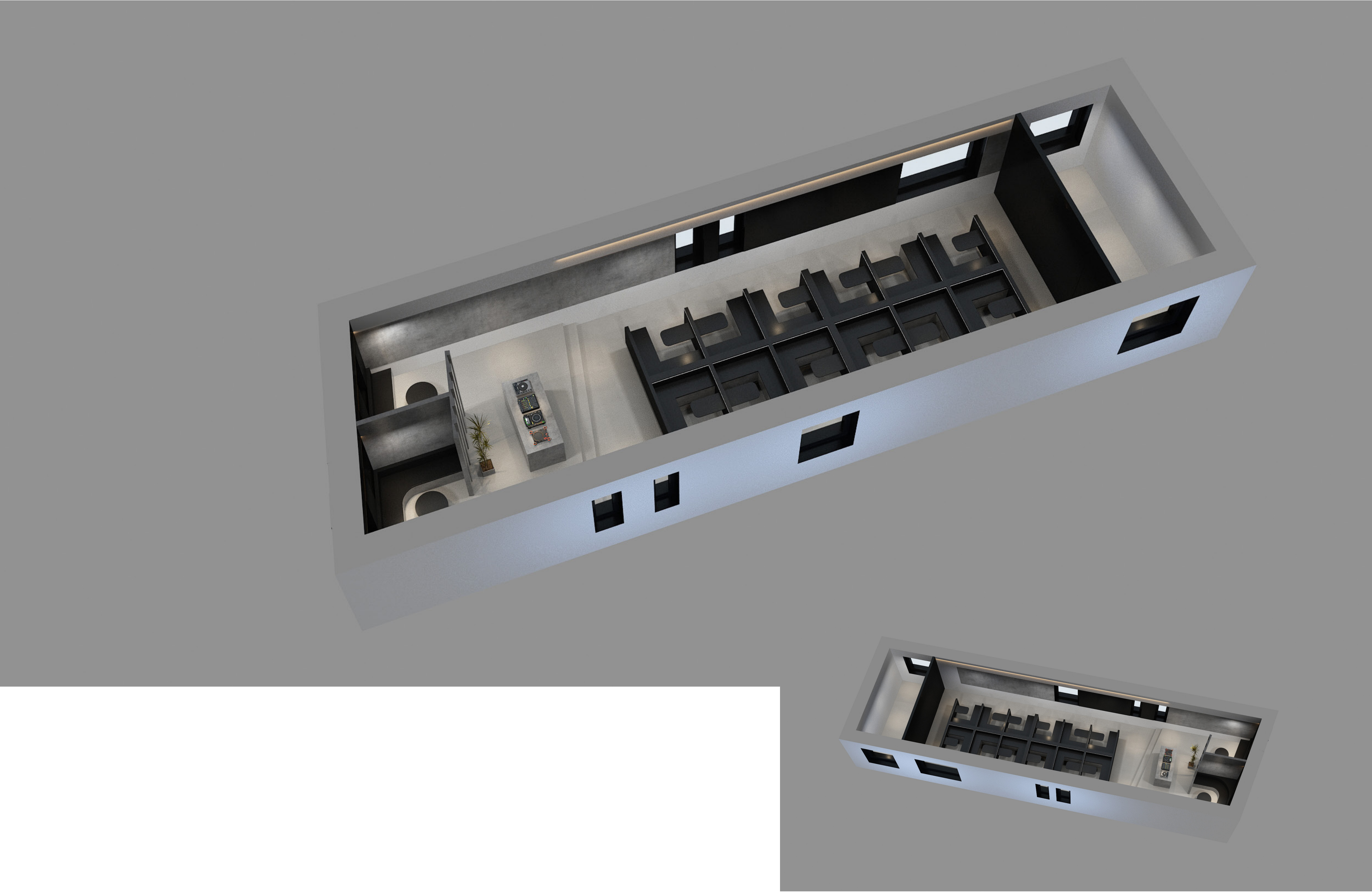
DESIGN PROPOSAL

Axonometric view of the second floor @ 1:100 A2



DESIGN PROPOSAL

Axonometric view of the third floor @ 1:100 A2



DESIGN PROPOSAL
Building Section 01





DESIGN PROPOSAL

Rendering of the ground floor





DESIGN PROPOSAL

Rendering display



DESIGN PROPOSAL

Rendering display



DESIGN PROPOSAL

Rendering display



DESIGN PROPOSAL

Rendering display



DESIGN PROPOSAL

Rendering display



DESIGN PROPOSAL

Final building view



END
THANK YOU