

# TRANSFORMING THE ALREADY EXISTING

# Archival Studies

## Understanding the Already Existing

## Praxis and Projects

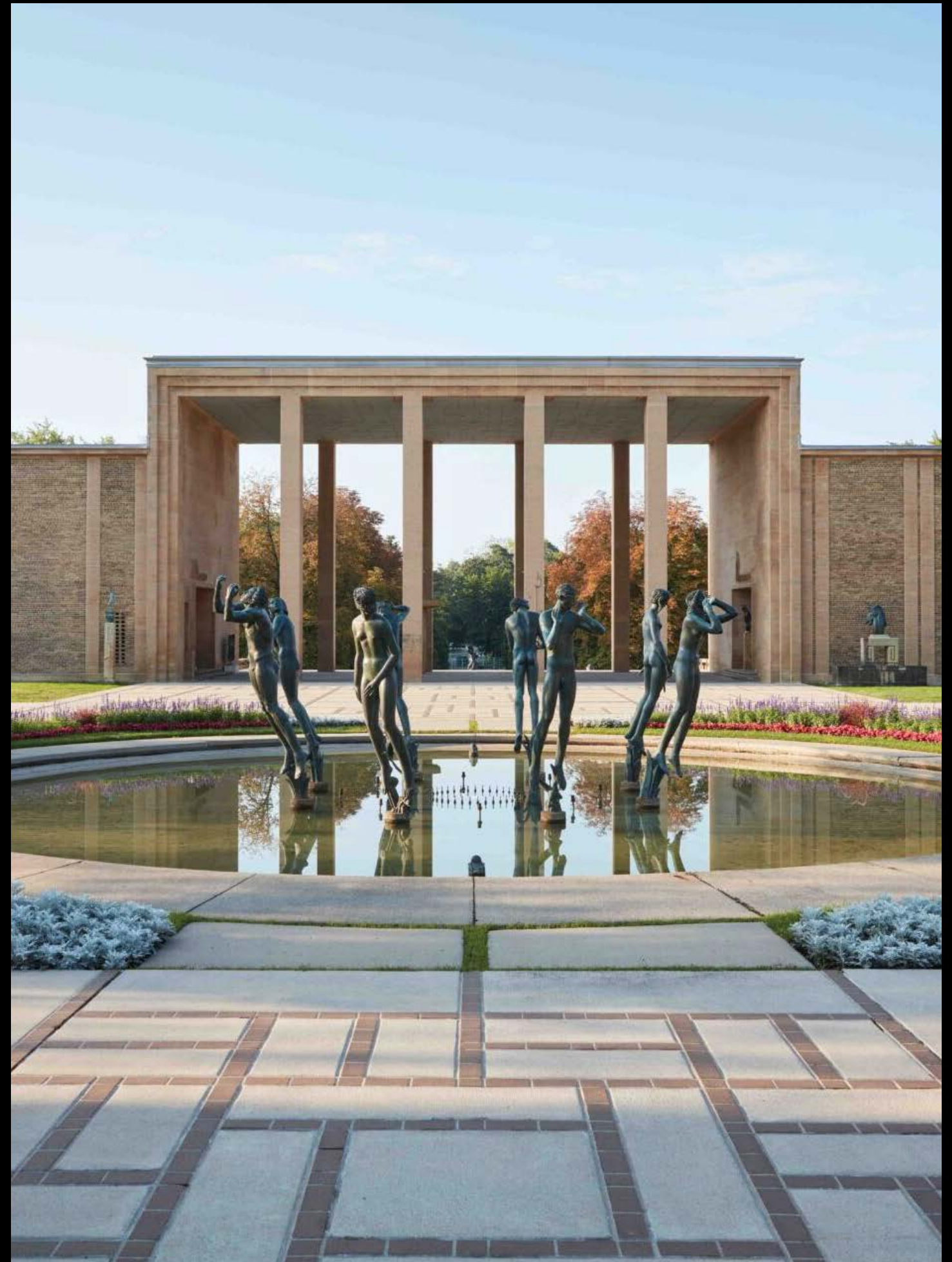
## Studio



# Archival Studies

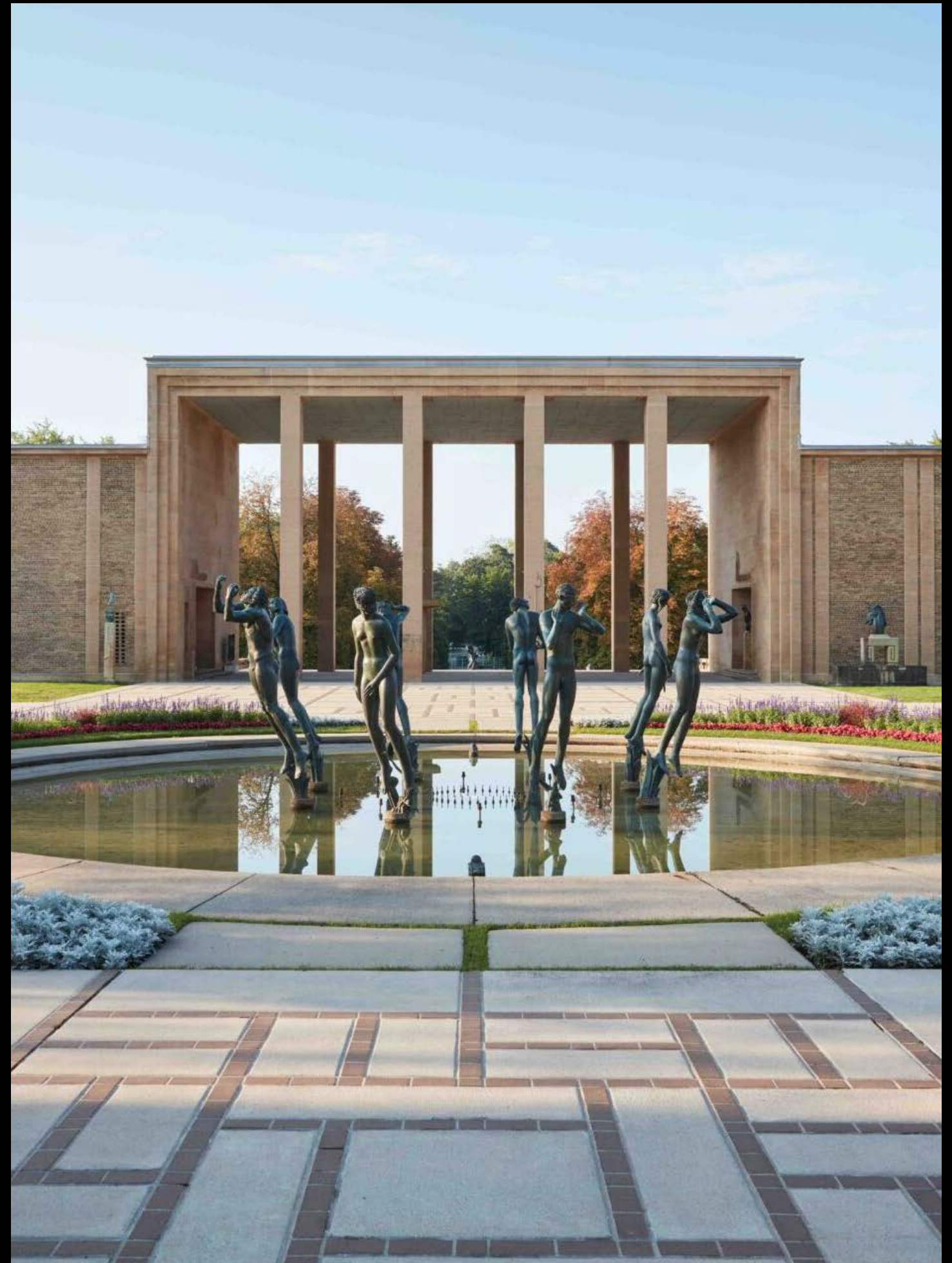








Cranbrook Academy of Arts \_ William Massie \_





Cranbrook Academy of Arts \_ William Massie \_





# Archival Studies \_

Founded 2018

## Partners

Yuan-Chieh Yang (TW), Qiang Qiang (CN), Emil Froege (DK).

Located: Copenhagen, Denmark

## Team 2024

Total 14 ppl. Partners 3 + 11 employees (8 office + 3 workshop)

## Focus on interior architecture

Building Systems, Exhibitions, Restaurants and Offices.

## Focus on products

Furniture, Lighting and Kitchens

[archivalstudies.net](http://archivalstudies.net)

[@archival\\_studies](https://www.instagram.com/archival_studies)

[@archival\\_products](https://www.instagram.com/archival_products)







Singularch: Transforming the Already Existing

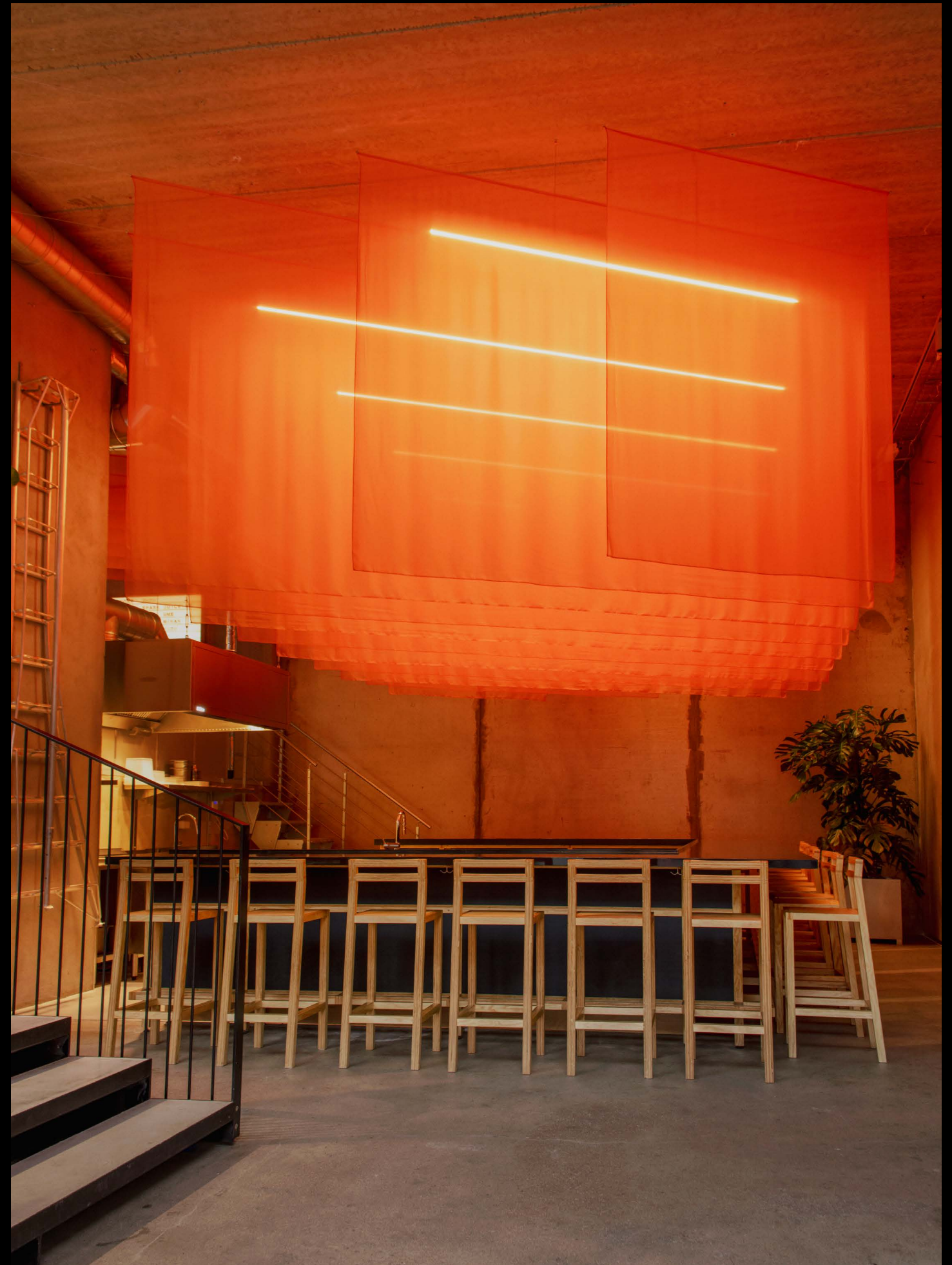


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Singularch: Transforming the Already Existing



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Singularch: Transforming the Already Existing



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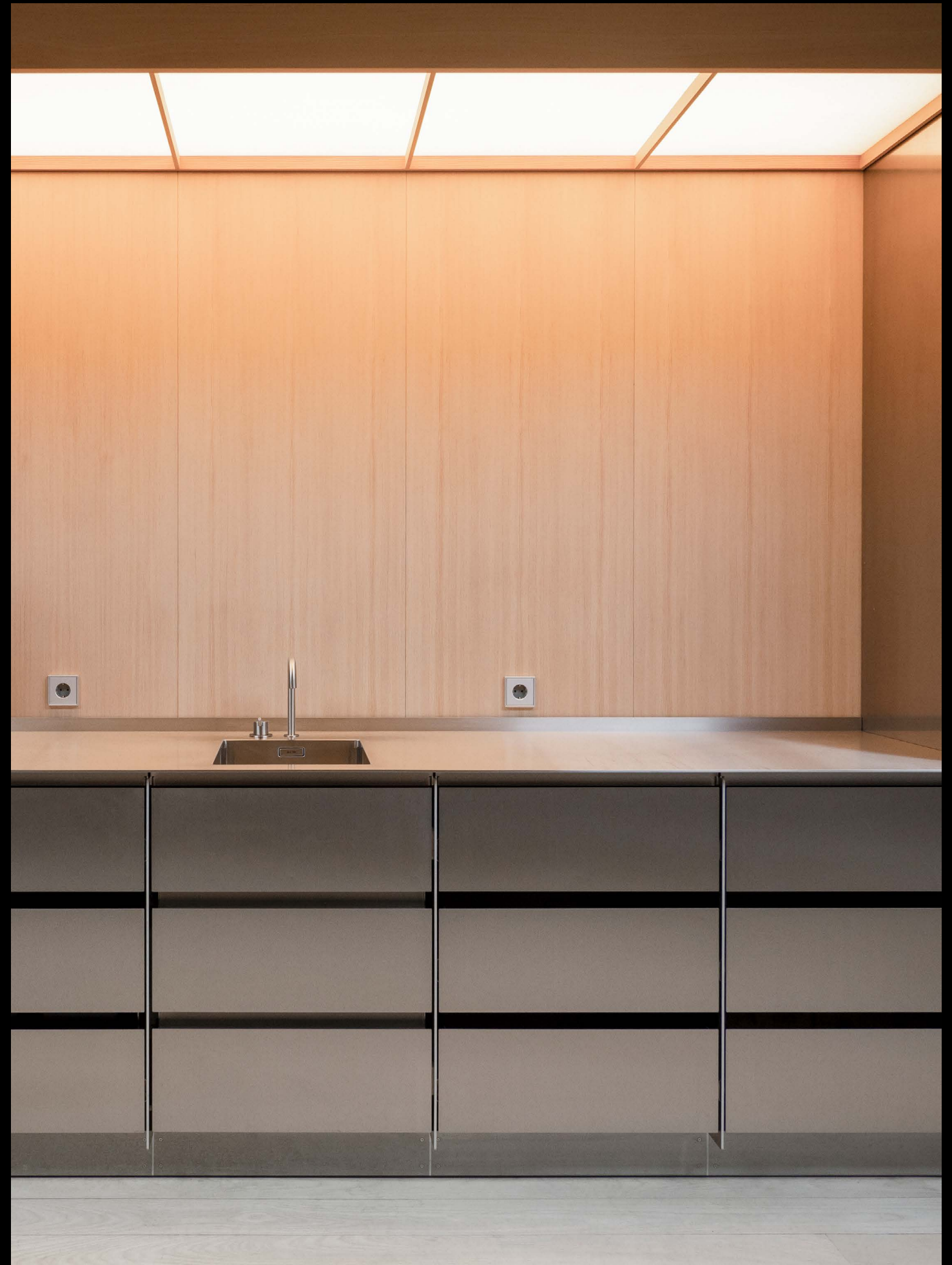
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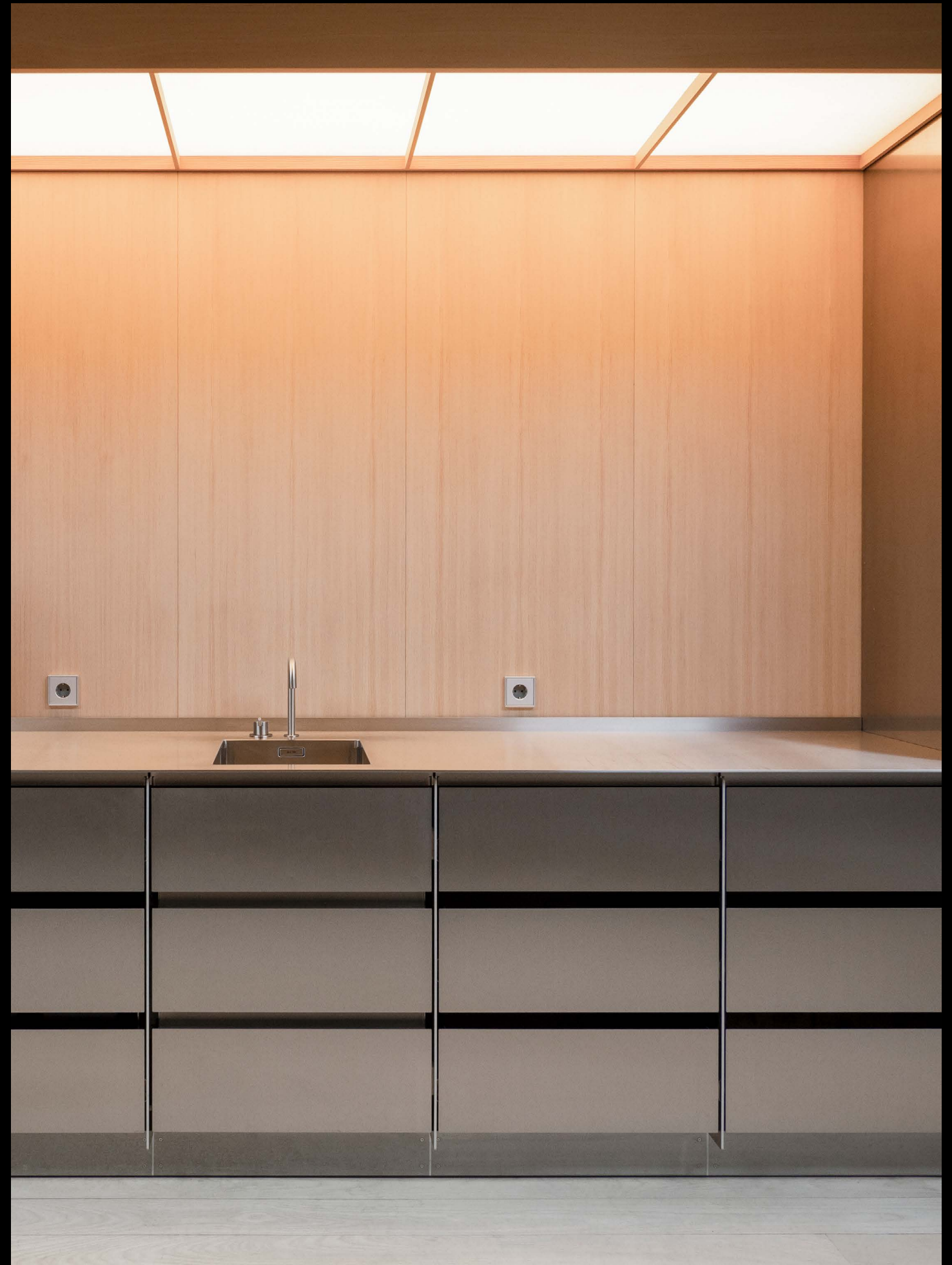










































(What theories, beliefs, or values are being enacted?)

Archival Studies is a Copenhagen-based design practice that explores interior architecture for transformation and care of the existing.

(How are these ideas and theories put into praxis?)

Applying regenerative concepts, flexible building systems, and sensory-rich environments.

(Who is engaged in this action, and who is impacted by it?)

We actively engage with a network of partners, collaborating with private, public, and commercial clients.  
By people for all people.



Class Photo of 2024 \_



“Our design never takes a starting point in aesthetics”

“Our design responds to what is already there”

“Our designs are made by people for people.”

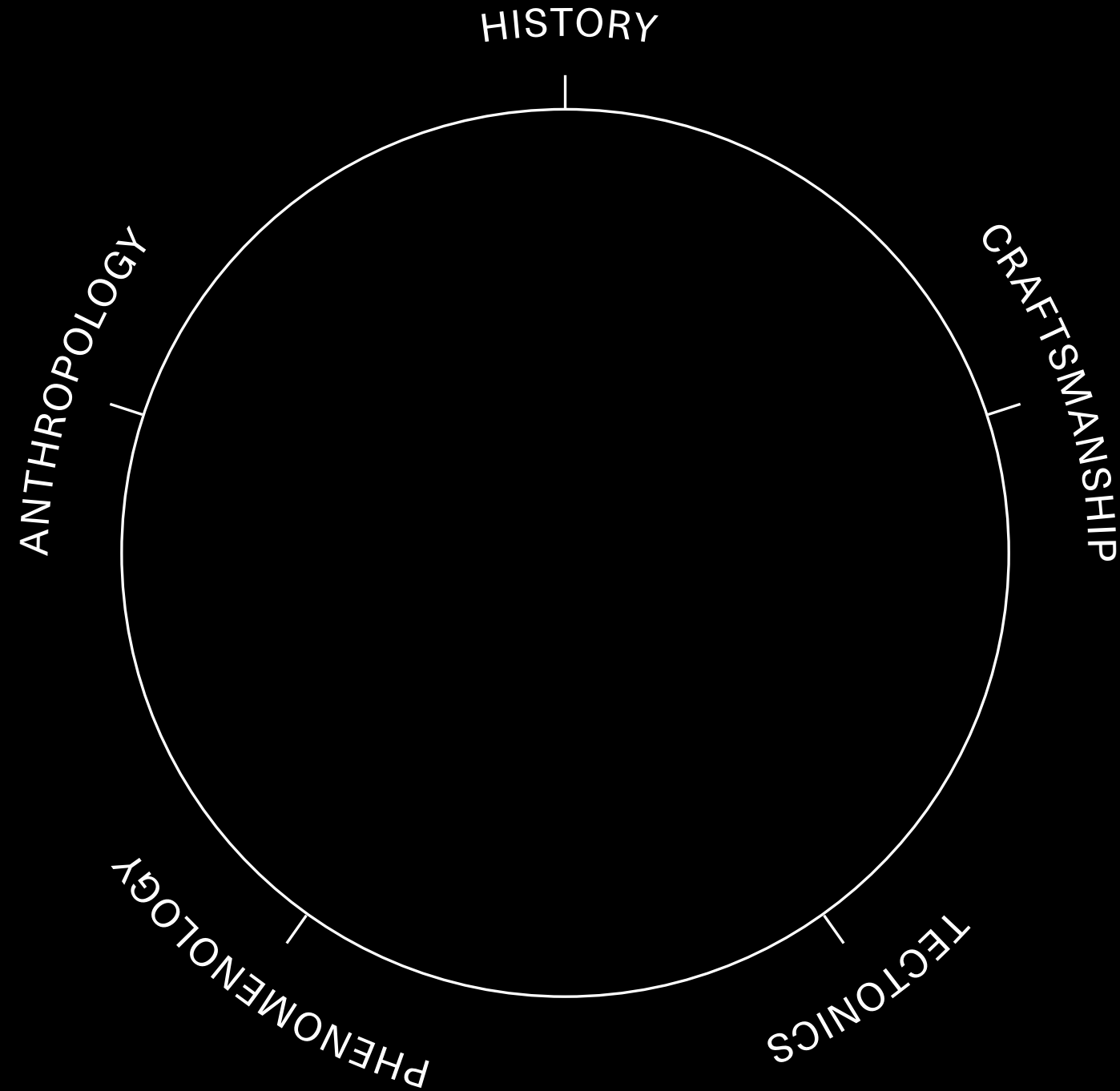
“The value of our design lies in the depth of our research and knowledge of materials and construction”

“We examine our projects in 1:1. We engage with the materials.”

“We discover value and beauty in the already existing”

We start each process by  
understanding the already existing

## Layers of the Already Existing \_



(Praxis refers to the process by which a theory, lesson, or skill is enacted, practiced, or embodied. To describe the intersection of thought and action – how ideas are applied practically in real-world situations.)



Themes of Praxis \_

Craftsmanship

The classical through the digital

Tectonics

Assembly for disassembly

History

Reorganising layers of spatiality

Anthropology

Places for life to unfold organically

Phenomenology

The quality without a name

# Praxis and Projects

1

# Tectonics and Craftsmanship

The Classical through the Digital  
Assembly for disassembly

























Departure and homecoming: Tradition may constitute a point of departure for creation, but never a home to come back to.

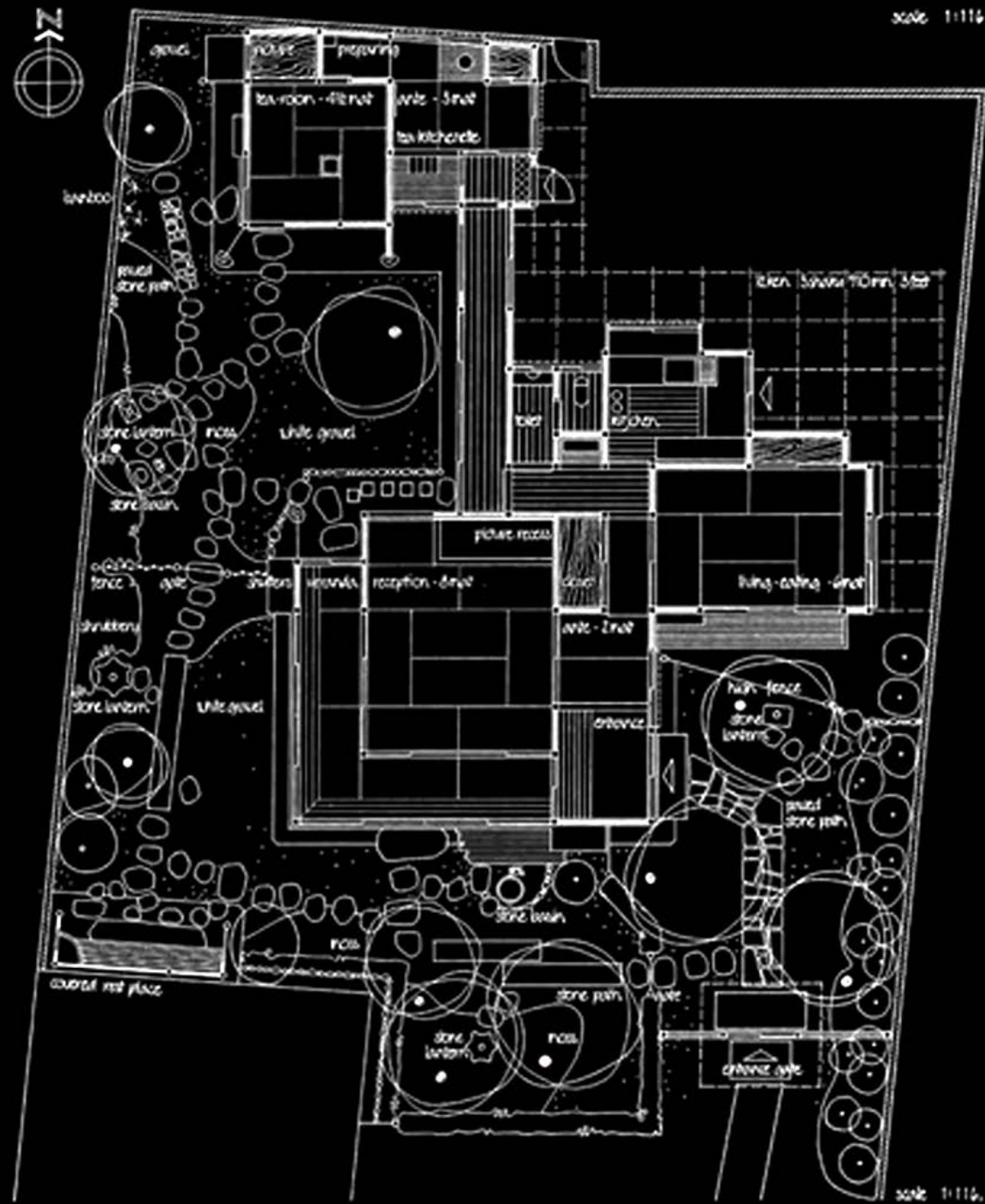
— Kazuo Shinohara

## 1.1 \_ Plywood System \_ Furniture \_





# Point of Departure \_ The traditional Japanese House



garden design for residence of 20 buro - 64.1 sq m - 720 sq ft, with tea hut

scale 1:116  
nichiusuwa koruon-02

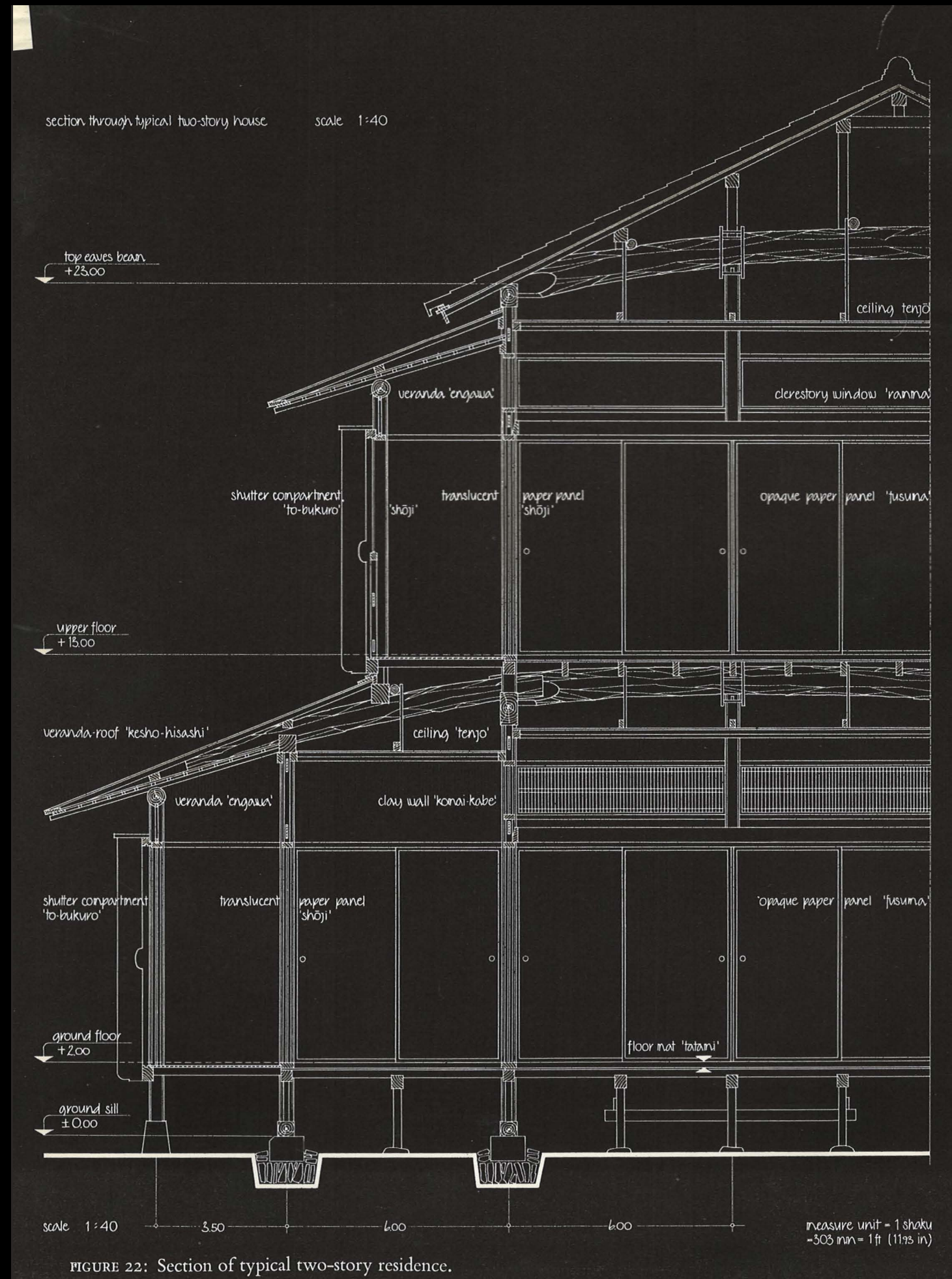
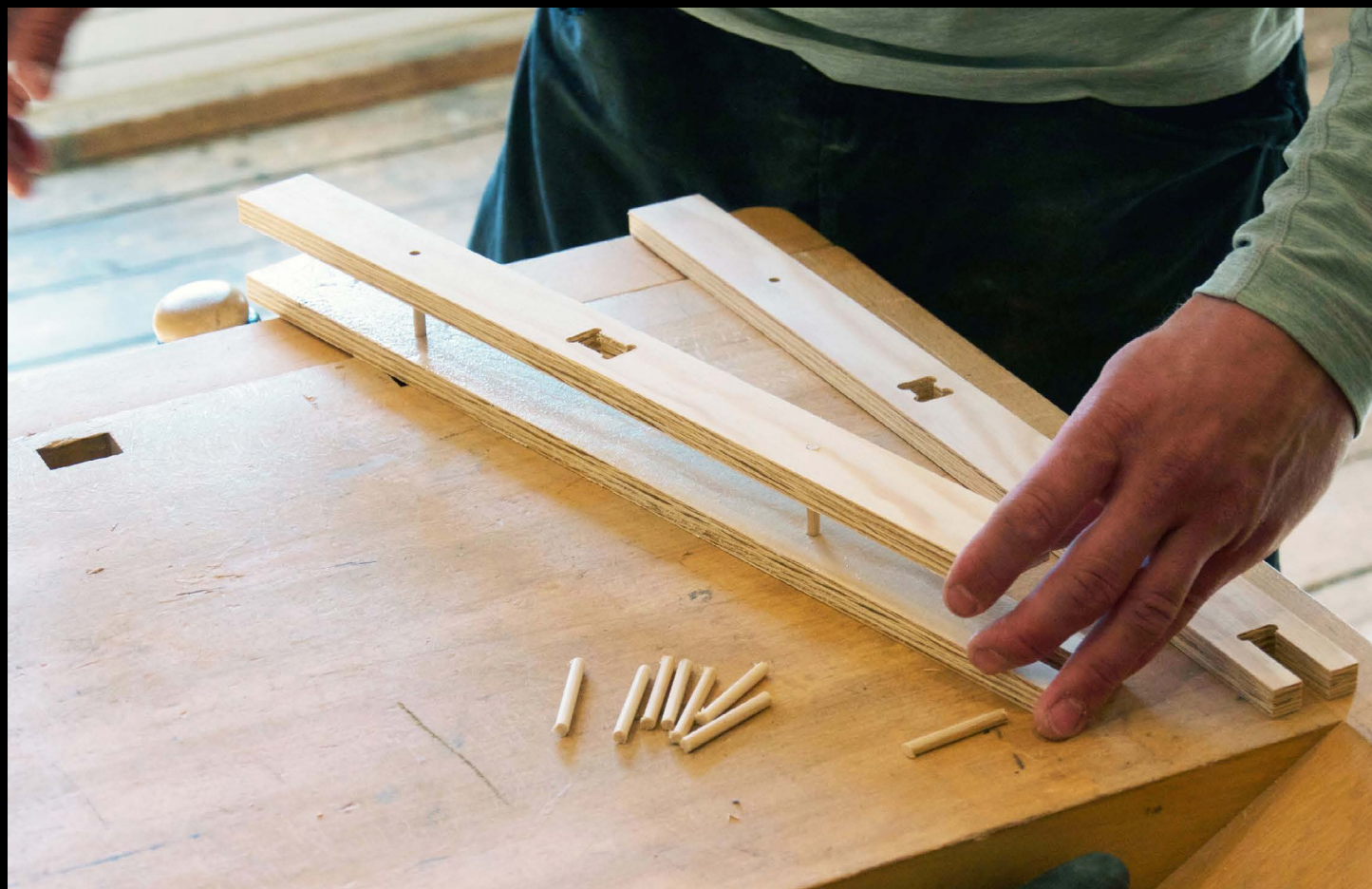
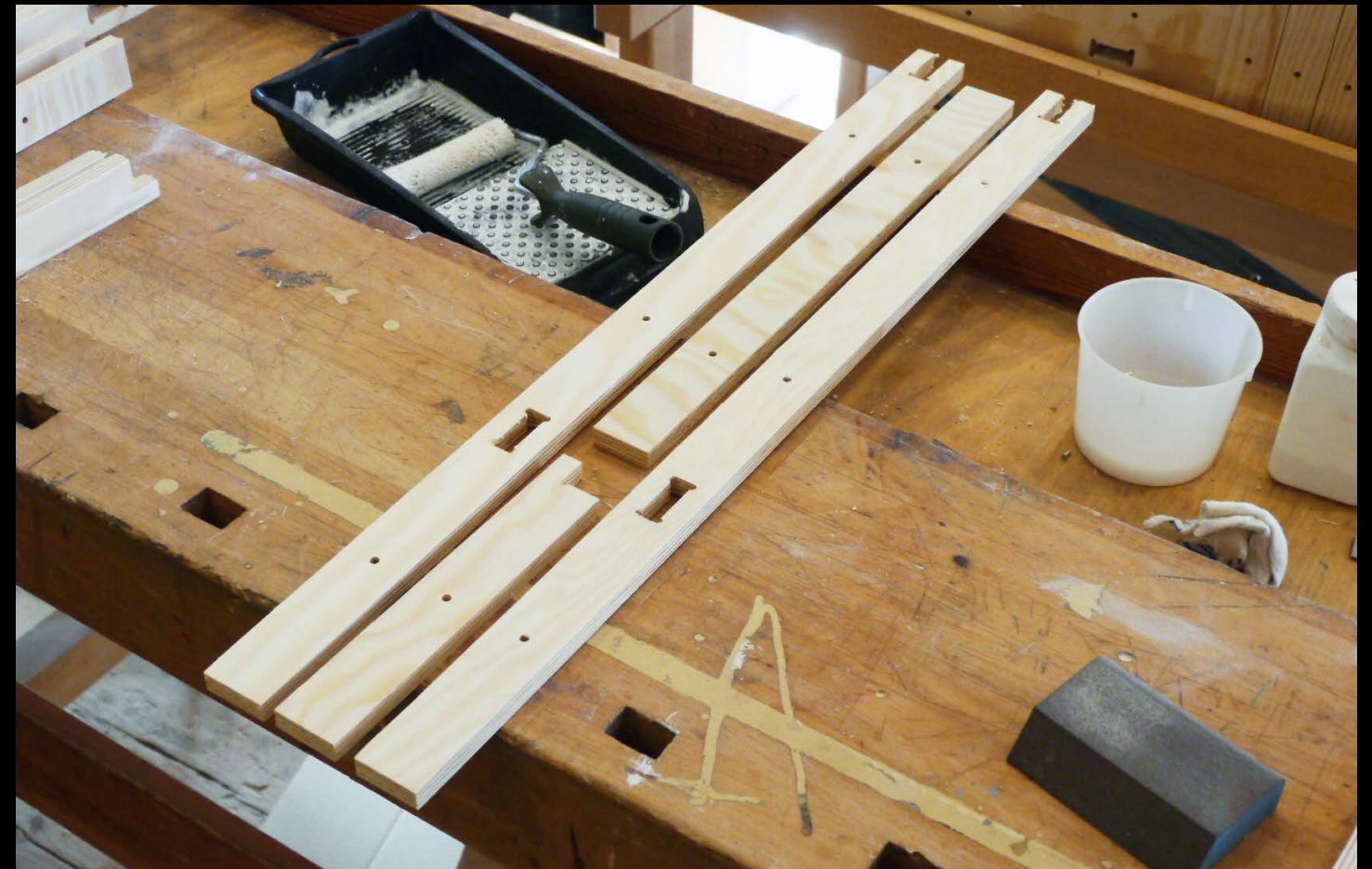
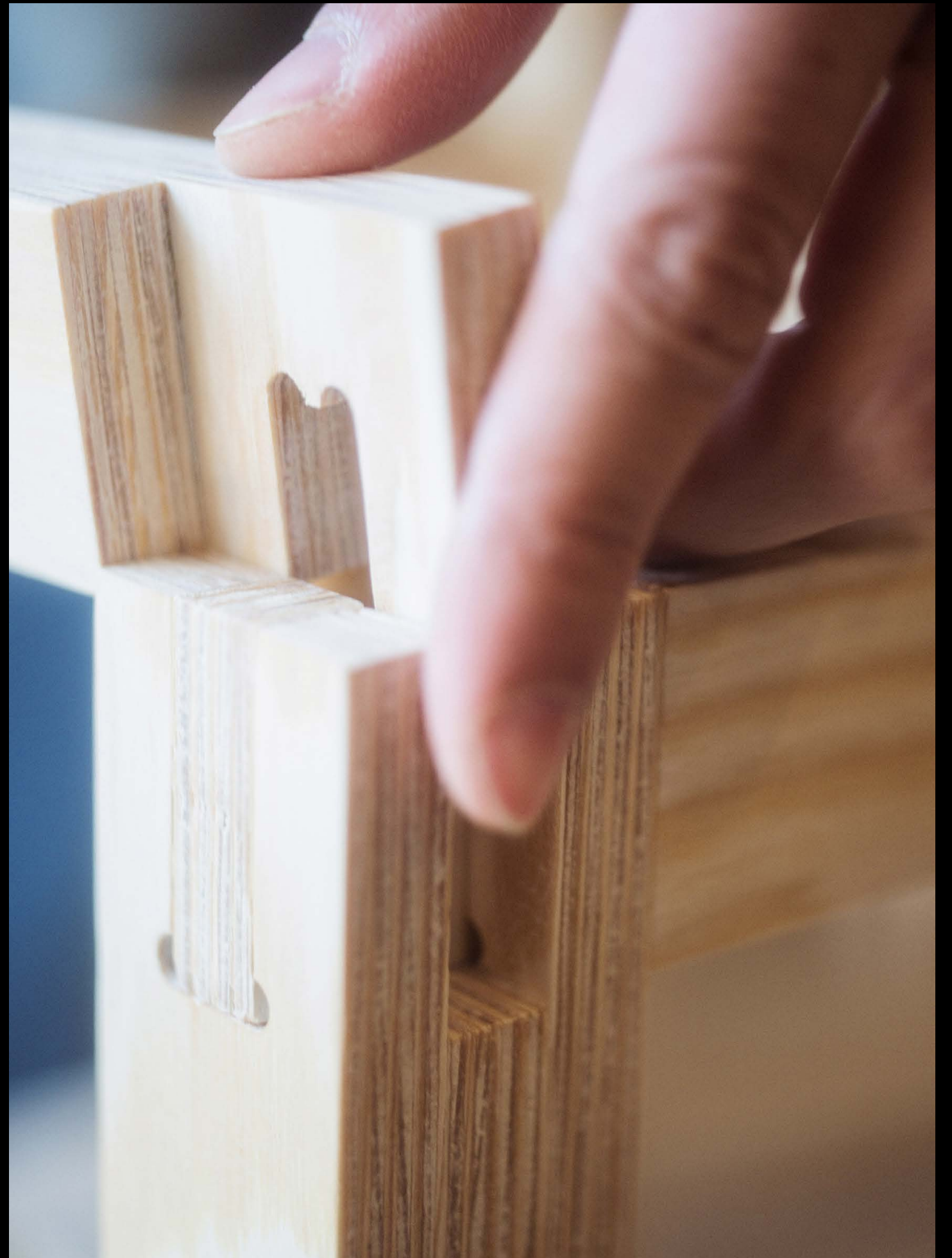


FIGURE 22: Section of typical two-story residence.















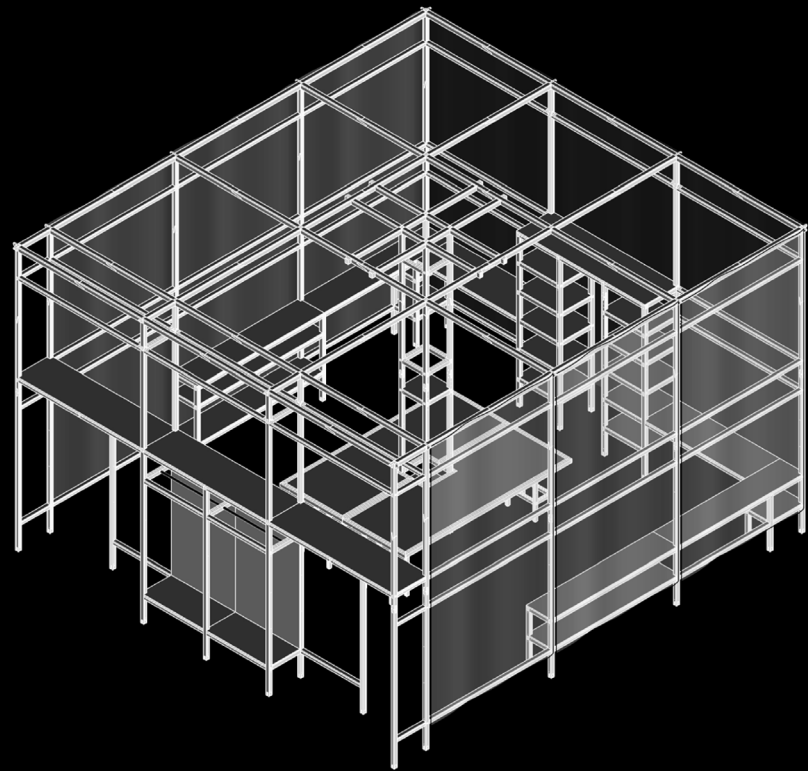








## 1.2 \_ Plywood System \_ Interior \_





























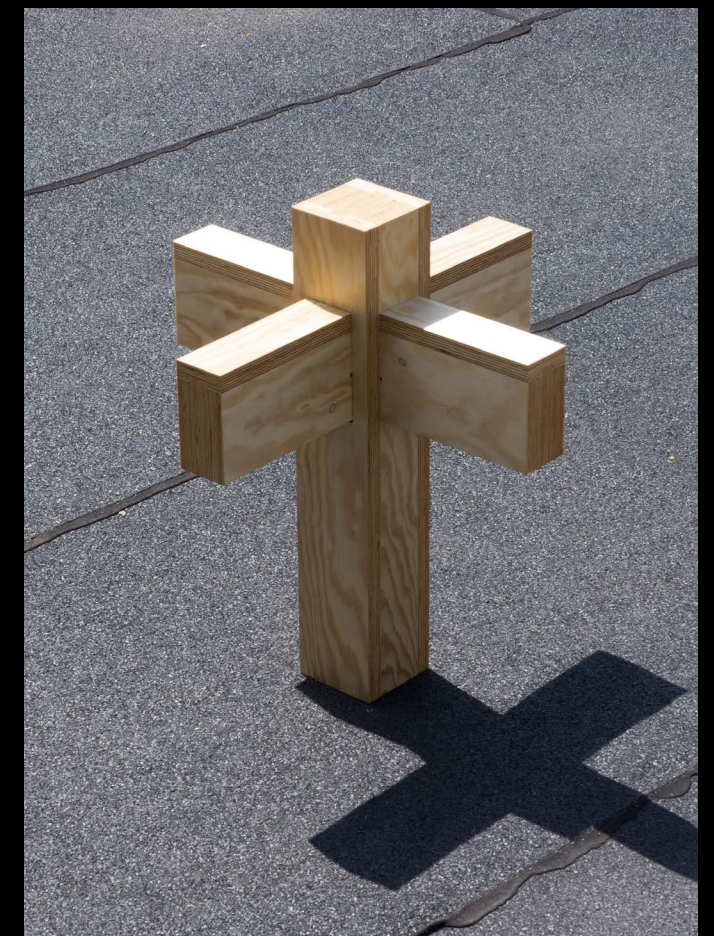
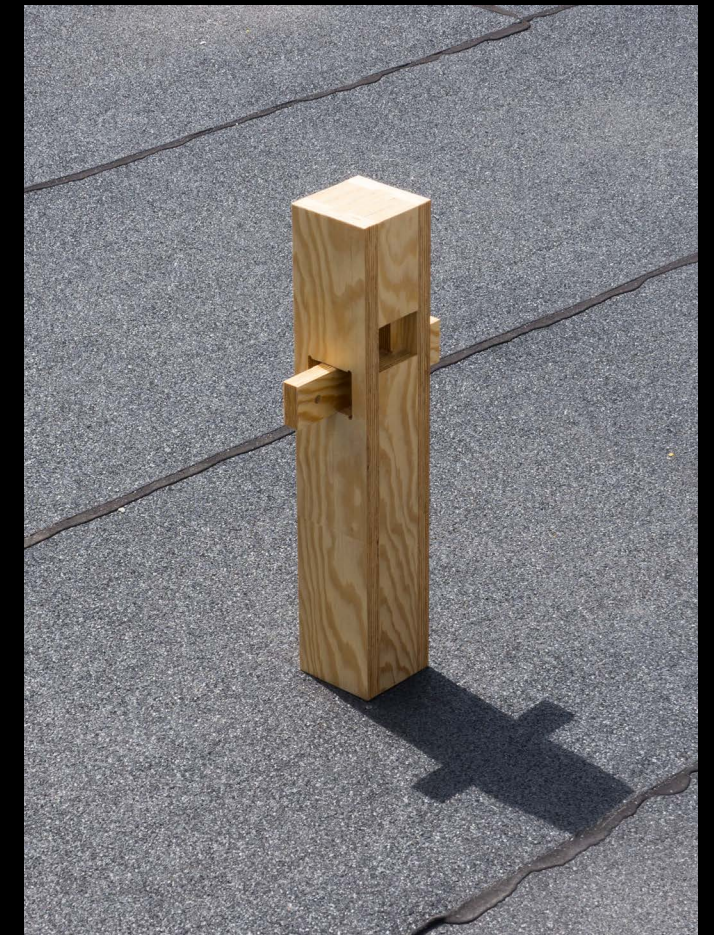
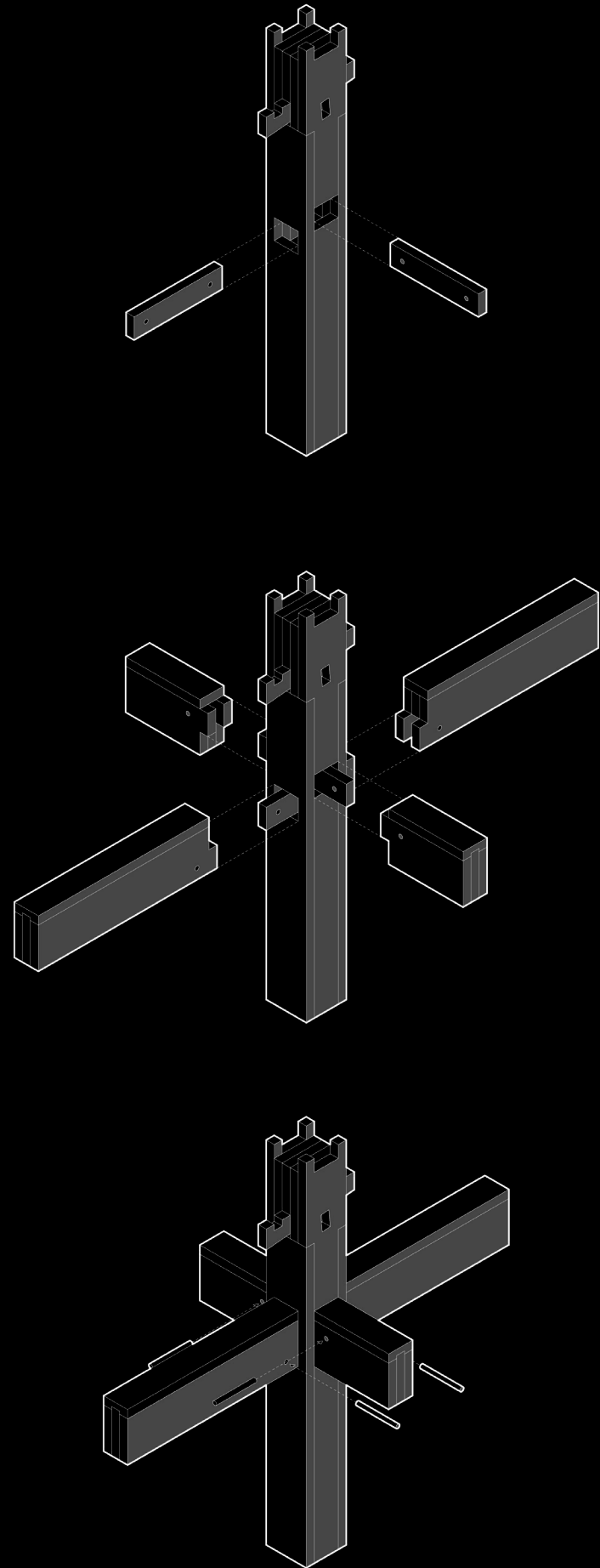








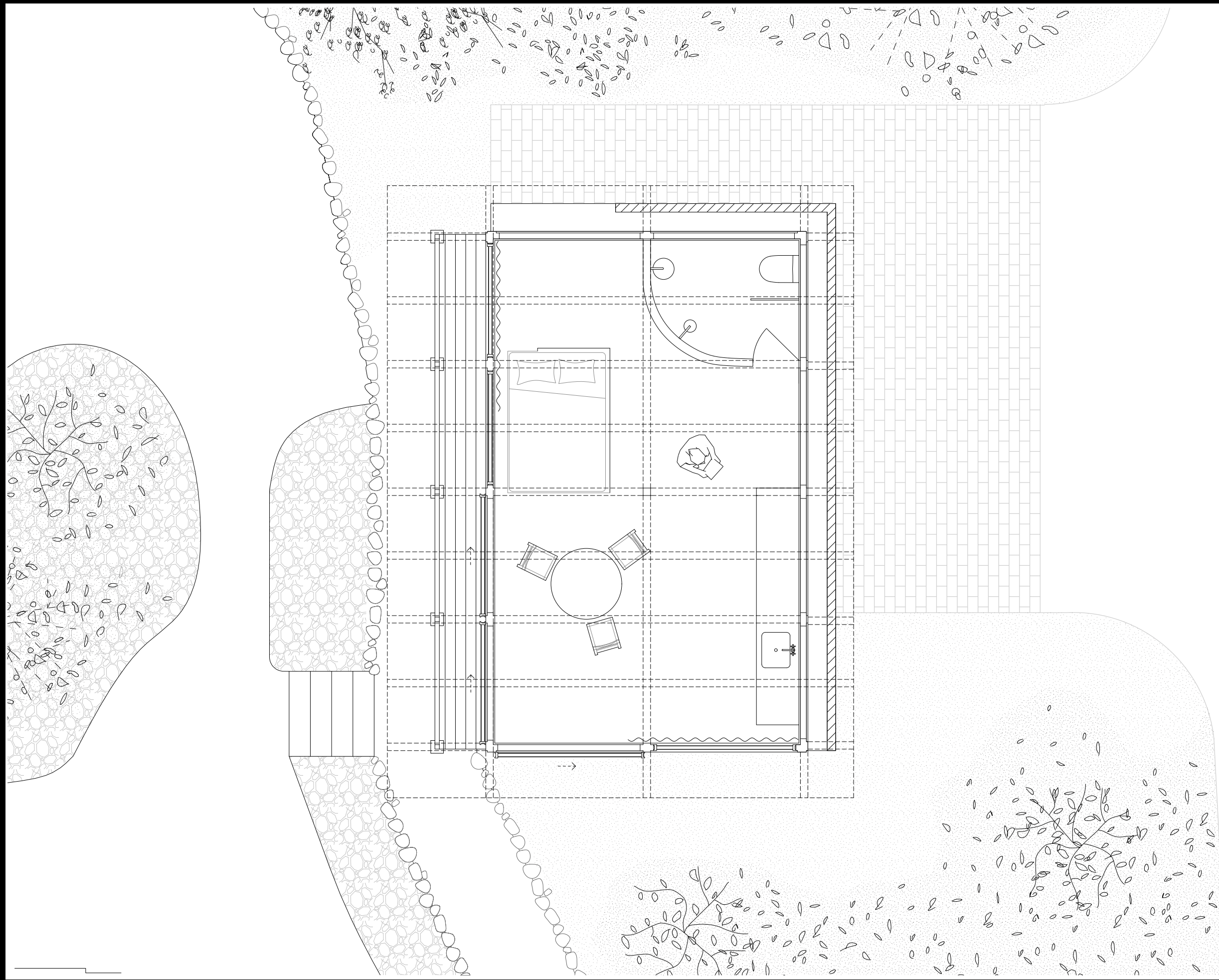
# 1.3 \_ Plywood System \_ Building \_











# Archival Studies

Baadehavnsvej 42  
2450 Copenhagen SV,  
Denmark

PROJECT NAME:  
SK01\_Svanekaeret

PROJECT ADDRESS:  
Conni Helle Frøge  
Svanekaeret 3  
3220 Tisvilde  
Matrikelnummer: 7be

NOTES:

DATE  
03.05.2022

REVISION  
1 Design Proposal

DATE: 03/05/22

PROJ #: SK01

DRAWN BY: EMF

PLAN

SCALE: 1:50

A-001



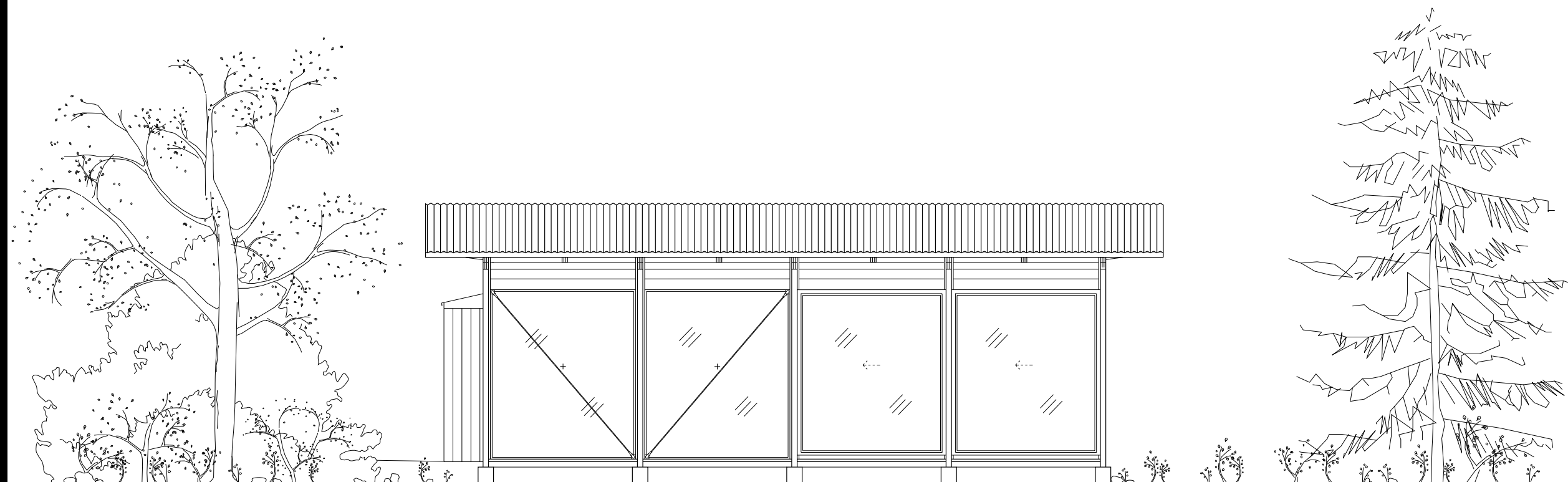
# Archival Studies

Baadehavnsvej 42  
2450 Copenhagen SV,  
Denmark

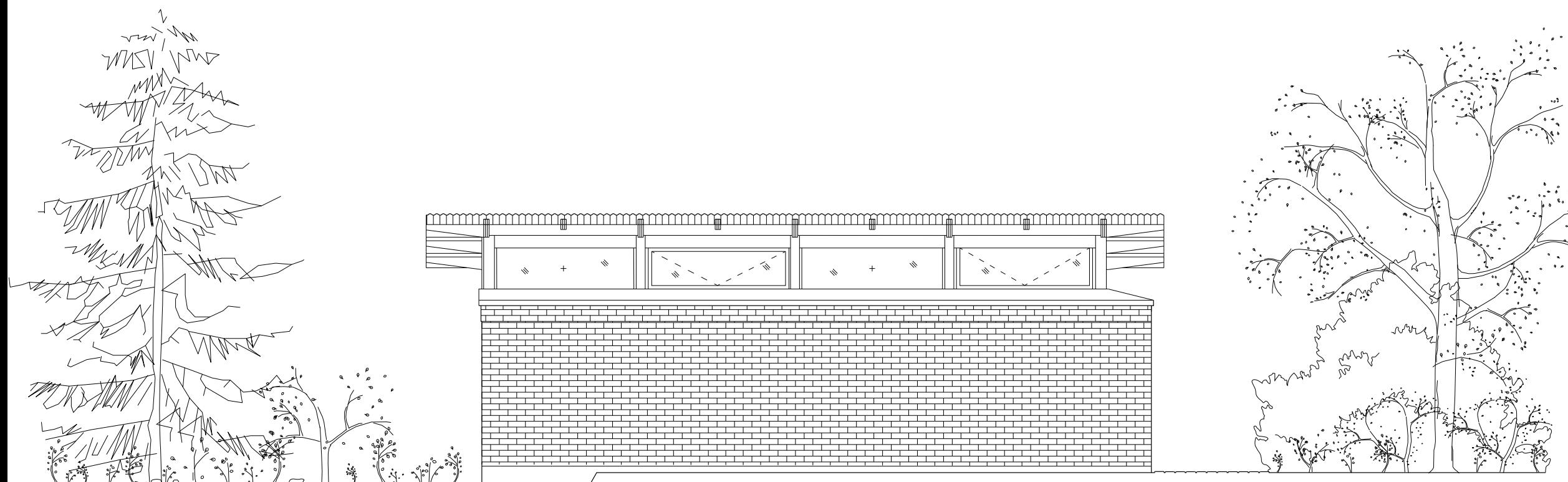
PROJECT NAME:  
SK01\_Svanekaeret

PROJECT ADDRESS:  
Conni Helle Frøge  
Svanekæret 3  
3220 Tissvilde  
Matrikelnummer: 7be

NOTES:



West facade



East facade

REVISION	DATE
1 Design Proposal	03.05.2022
2	
3	
4	
5	
6	

DATE: 03/05/22

PROJ #: SK01

DRAWN BY: EMF

## FACADES

SCALE: 1:50

A-001



Baadehavnsvej 42  
2450 Copenhagen SV,  
Denmark

PROJECT NAME:  
SK01\_Svanekaeret

PROJECT ADDRESS:  
Conni Helle Frøge  
Svanekaeret 3  
3220 Tisvilde  
Matrikelnummer: 7be

NOTES:  
All measurements  
in mm.

DATE  
03.05.2022

REVISION	DATE	DESCRIPTION
1	03.05.2022	Design Proposal
2		
3		
4		
5		
6		

DATE: 03/05/22

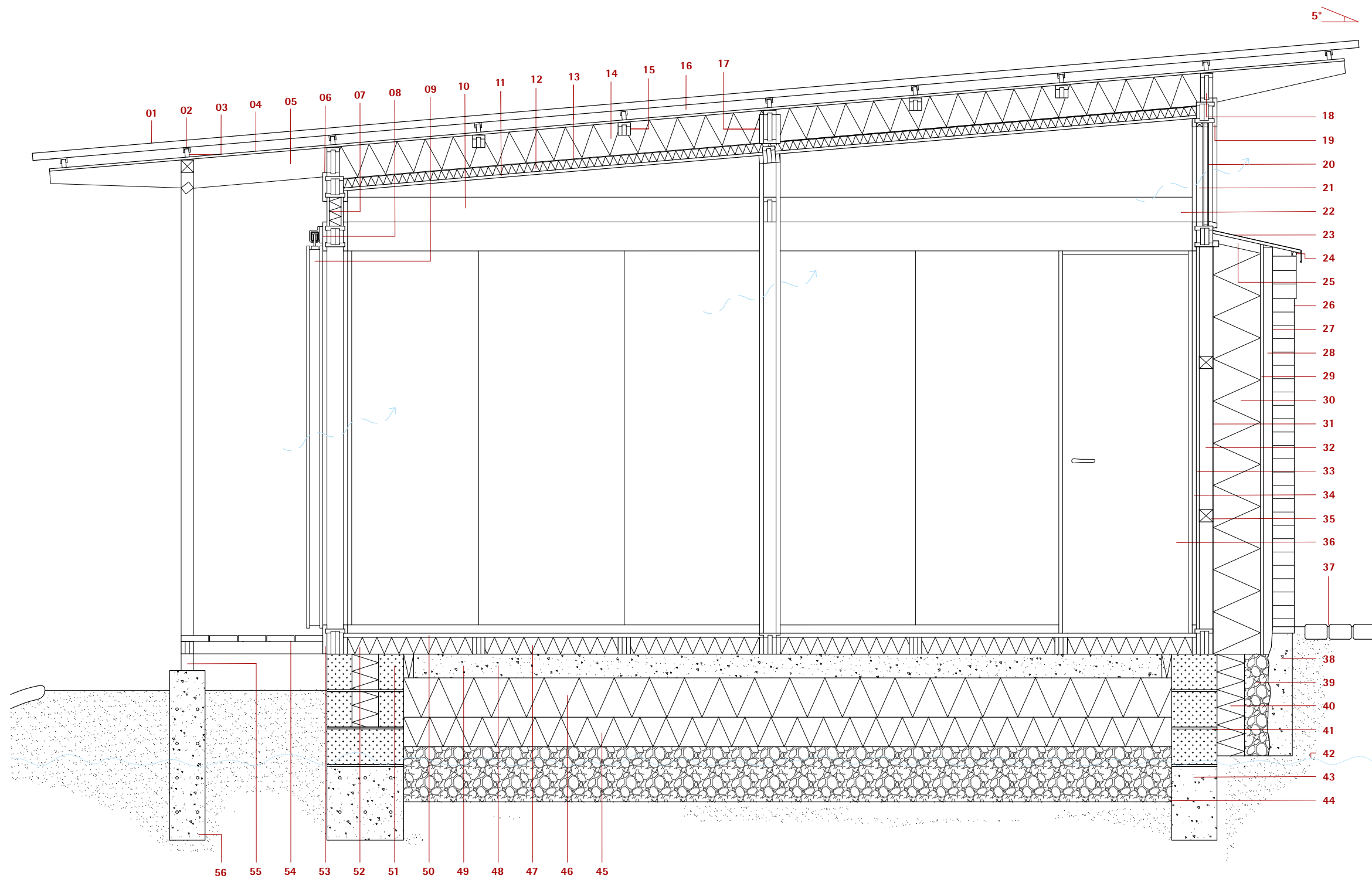
PROJ #: SK01

DRAWN BY: EMF

## DETAIL SECTION

SCALE: 1:20

A-001

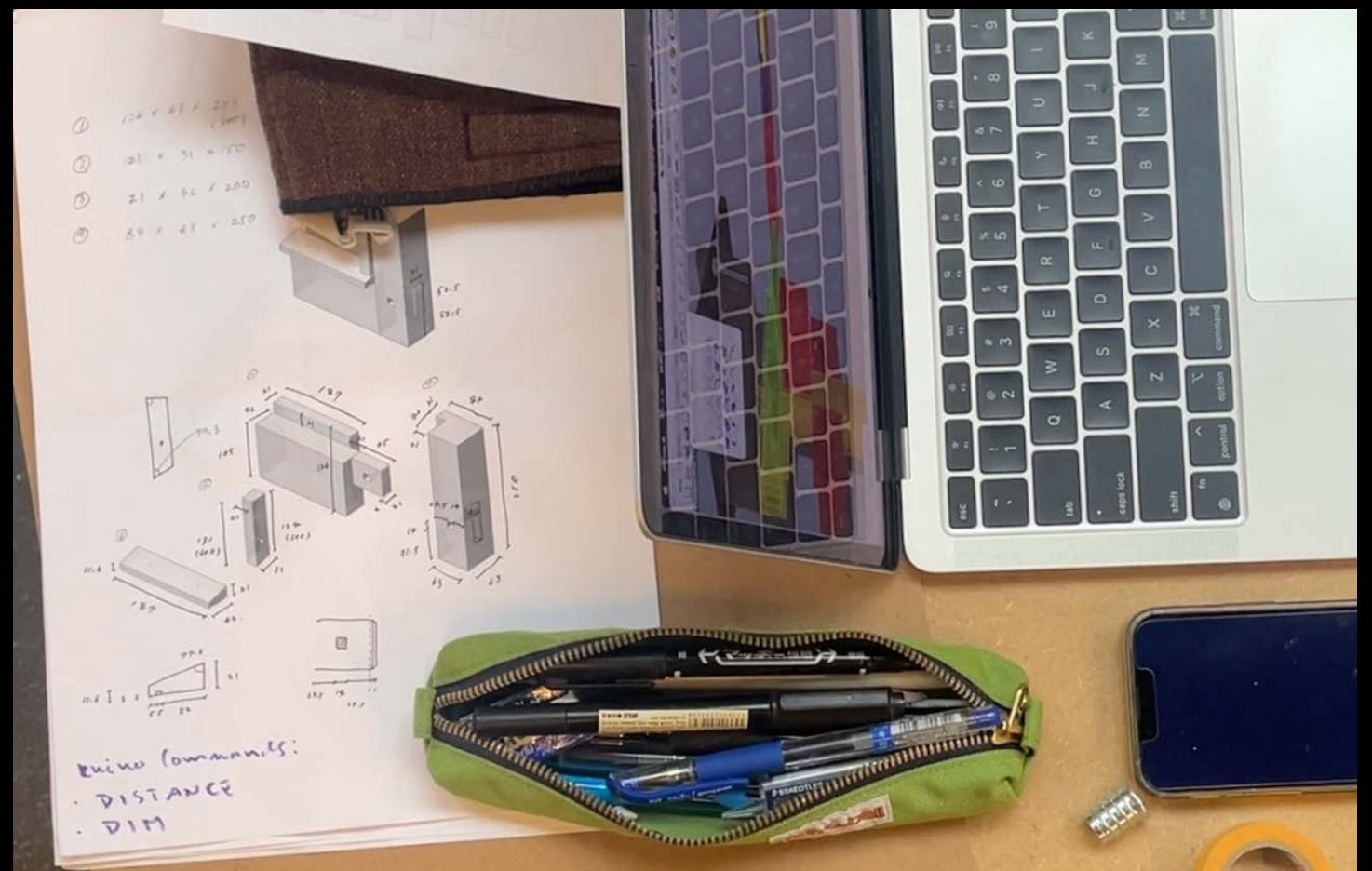
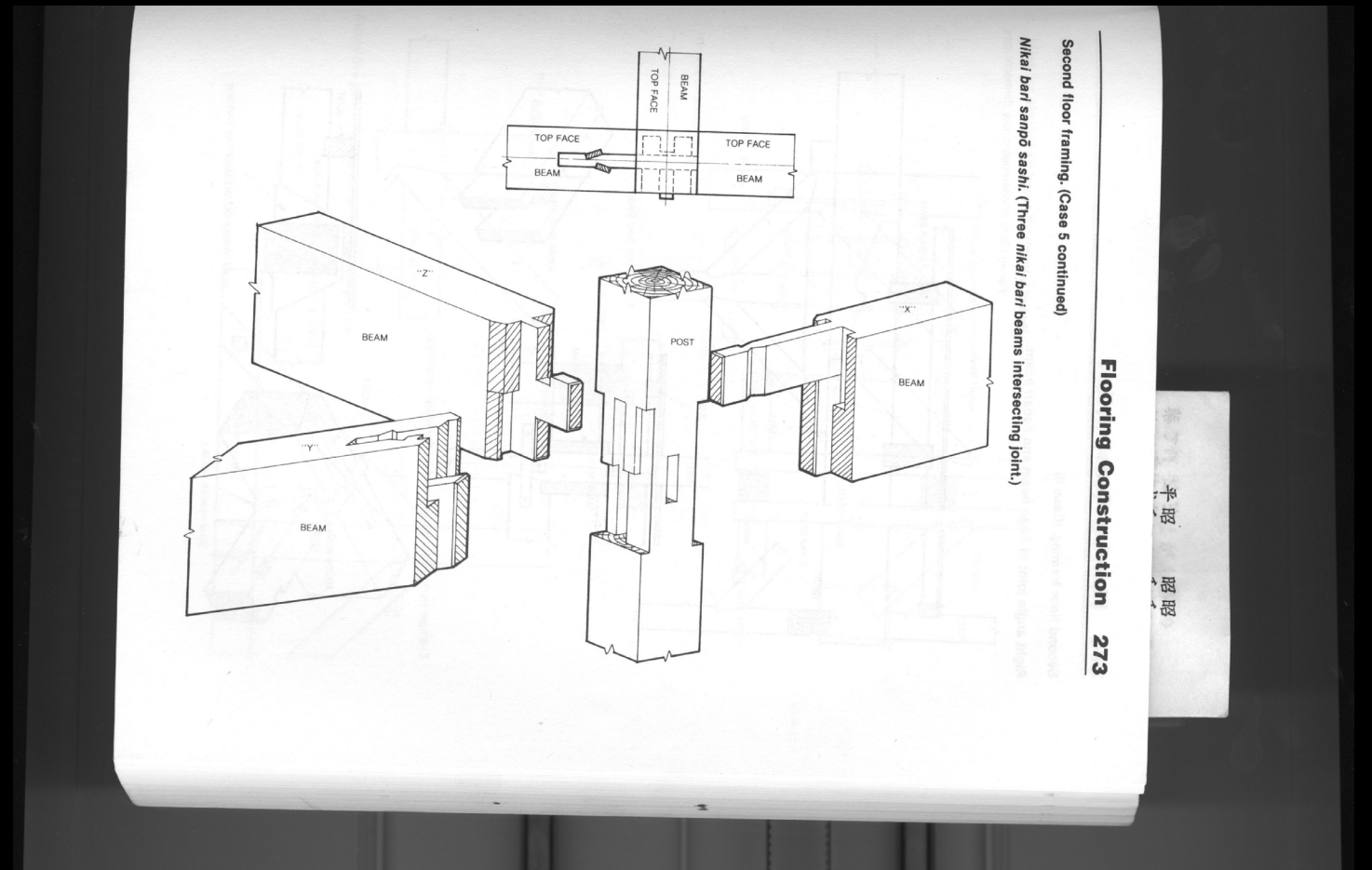
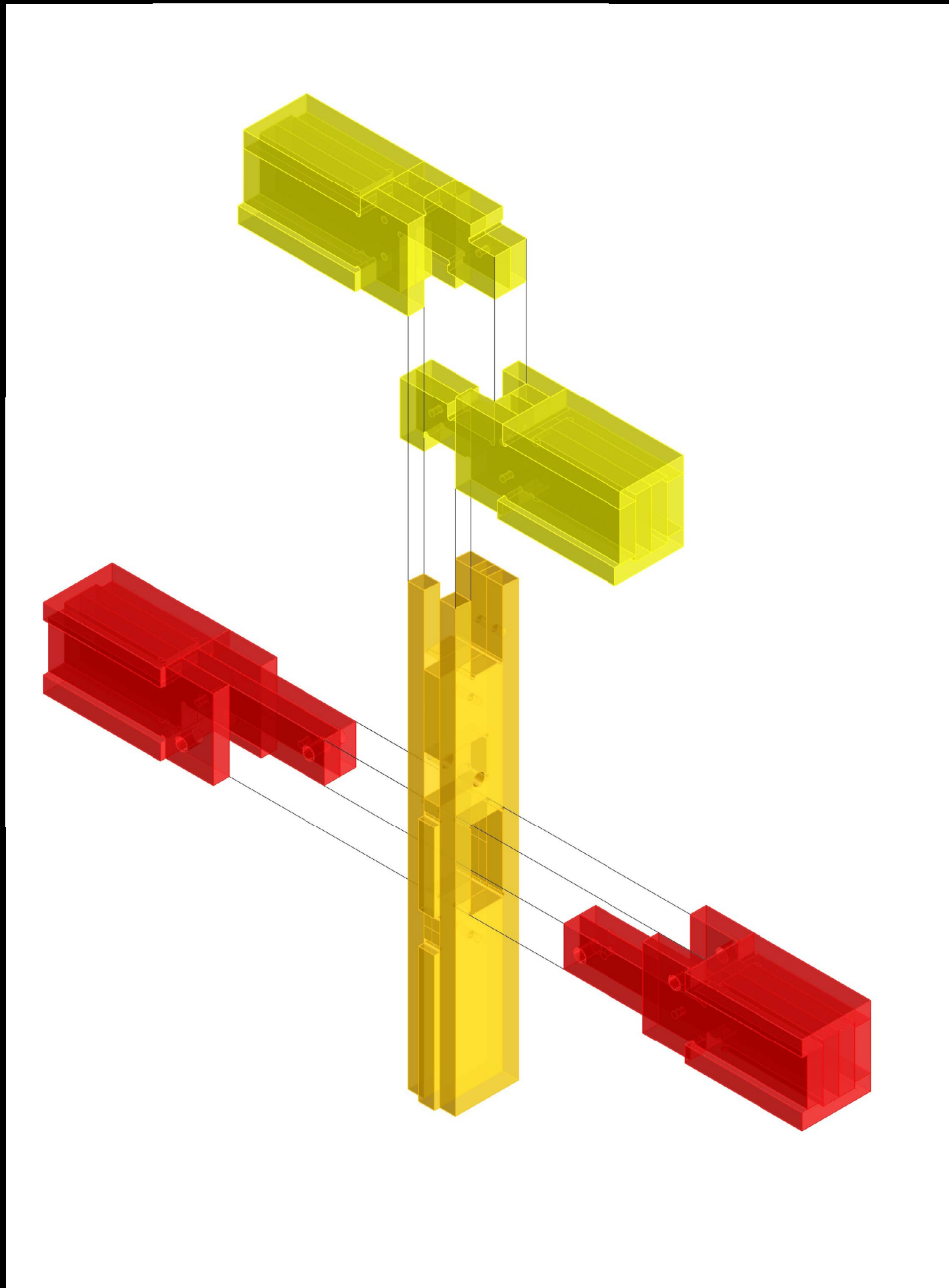


- |                                |   |                                |                                     |                                      |                                    |                                     |
|--------------------------------|---|--------------------------------|-------------------------------------|--------------------------------------|------------------------------------|-------------------------------------|
| 01 Roof, sinus plates          | 09 Sliding doors, three-layer glass, pine | 17 CLT, pine [165x105]         | 25 Construction beam, pine [45x21]  | 33 Facade panels, plywood, pine [21] | 41 Leca blocks [100x200x500]       | 49 Construction beam, pine [120x50] |
| 02 U-profile, steel [3]        | 10 Beam, CLT, pine [147x63]               | 18 CLT, pine [147x63]          | 26 Existing brick wall              | 34 Facade panels, plywood, pine [21] | 42 Water level in winter           | 50 Floor, pinewood, plywood [21]    |
| 03 Dowel, steel [dia10]        | 11 Ceiling plate, plywood, pine [15]      | 19 Board, burned pine [21x147] | 27 Wall cardboard                   | 35 Construction beam, pine [63x63]   | 43 Foundation, reinforced concrete | 51 Leca thermo-blocks [190x190x490] |
| 04 Wood fiber plate [12]       | 12 Insulation, wood fiber [50]            | 20 Window, three-layer glass   | 28 Air gap & distance lists [45]    | 36 Toilet door, plywood, pine        | 44 Pearl stone                     | 52 Insulation, floor [85]           |
| 05 Beam, CLT, pine [147x63]    | 13 Vapor barrier                          | 21 Windowframe, pine           | 29 Diffusion-open wind barrier [12] | 37 Existing concrete stone           | 45 Insulation, flamingo [150]      | 53 Foundation rem, pine [125x85]    |
| 06 Board, burned pine [21x147] | 14 Insulation, wood fiber [200]           | 22 Natural air ventilation     | 30 Insulation, wood fiber [200]     | 38 Existing foundation, concrete     | 46 Insulation, flamingo [200]      | 54 Terrace, pine [140x30]           |
| 07 Wood fiber plate [21]       | 15 Beam, pine [63x63]                     | 23 Roof, metal                 | 31 Vapor barrier                    | 39 Mortar mix, leca & concrete       | 47 Construction beam [63x63]       | 55 Column, pine [63x63]             |
| 08 Running rail, steel         | 16 Air gap [50]                           | 24 Snow catcher [dia22]        | 32 Installation layer               | 40 Insulation, flamingo [150]        | 48 Concrete deck [120]             | 56 Concrete foundation [depth 1000] |

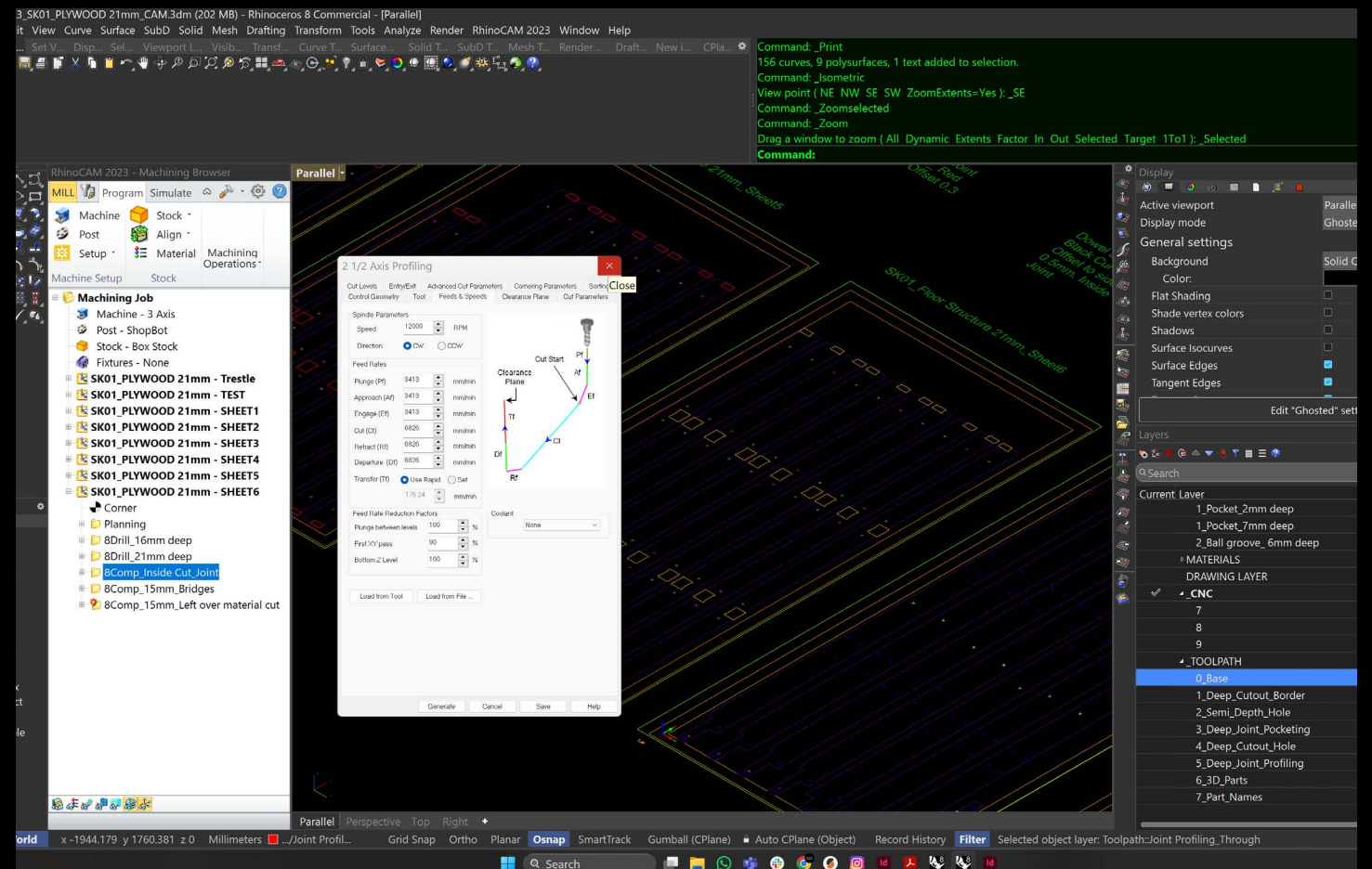
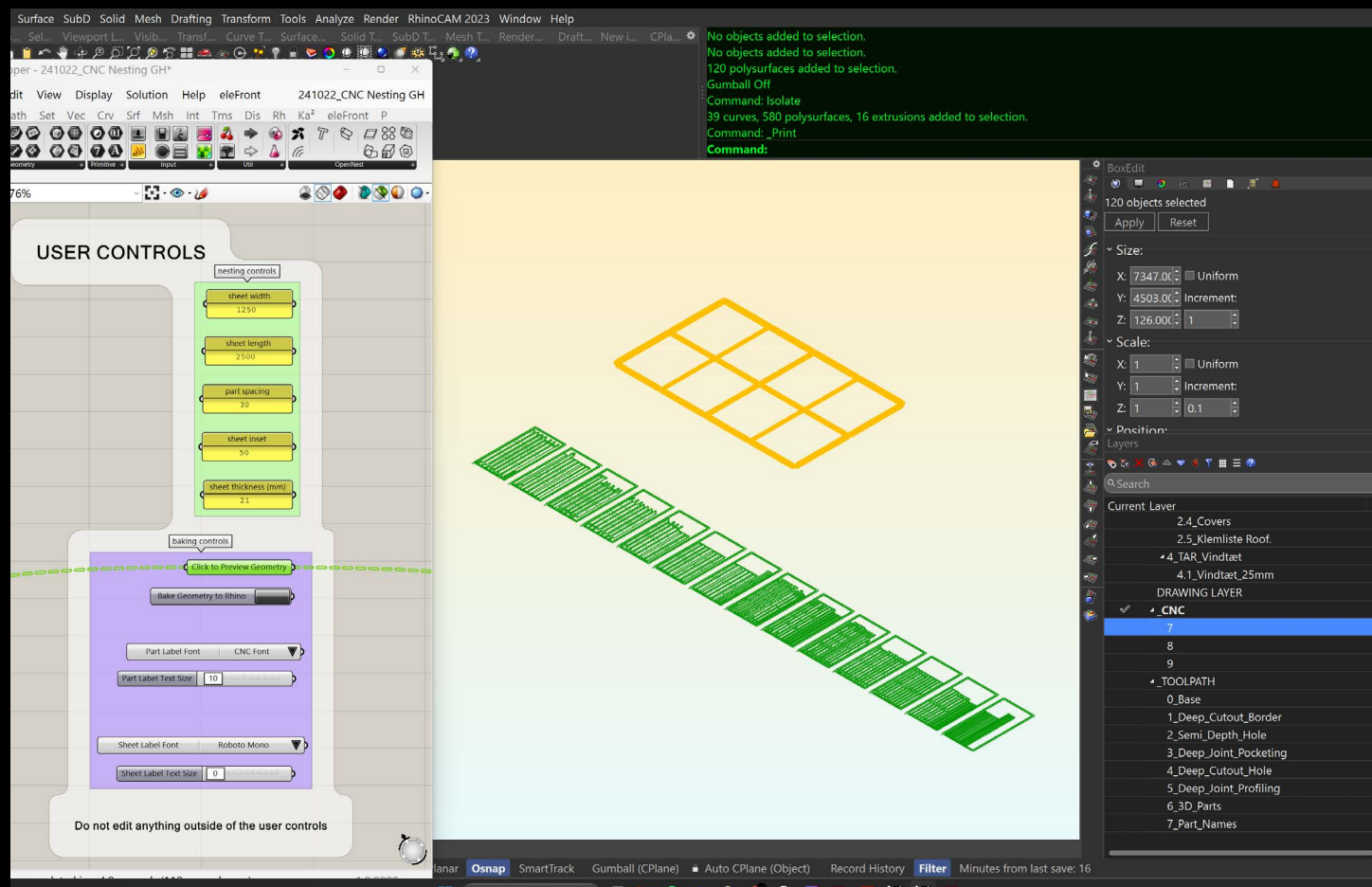
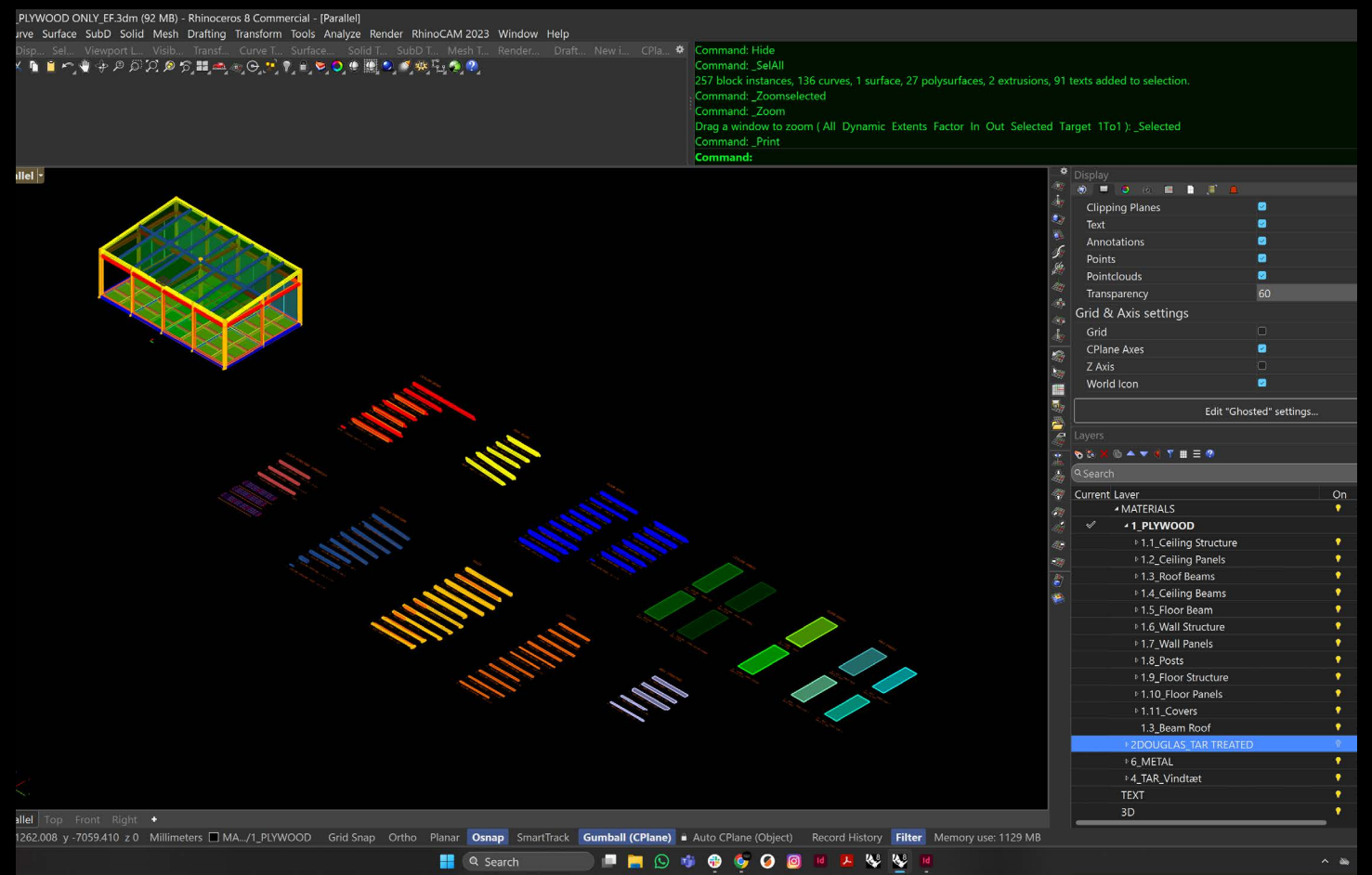
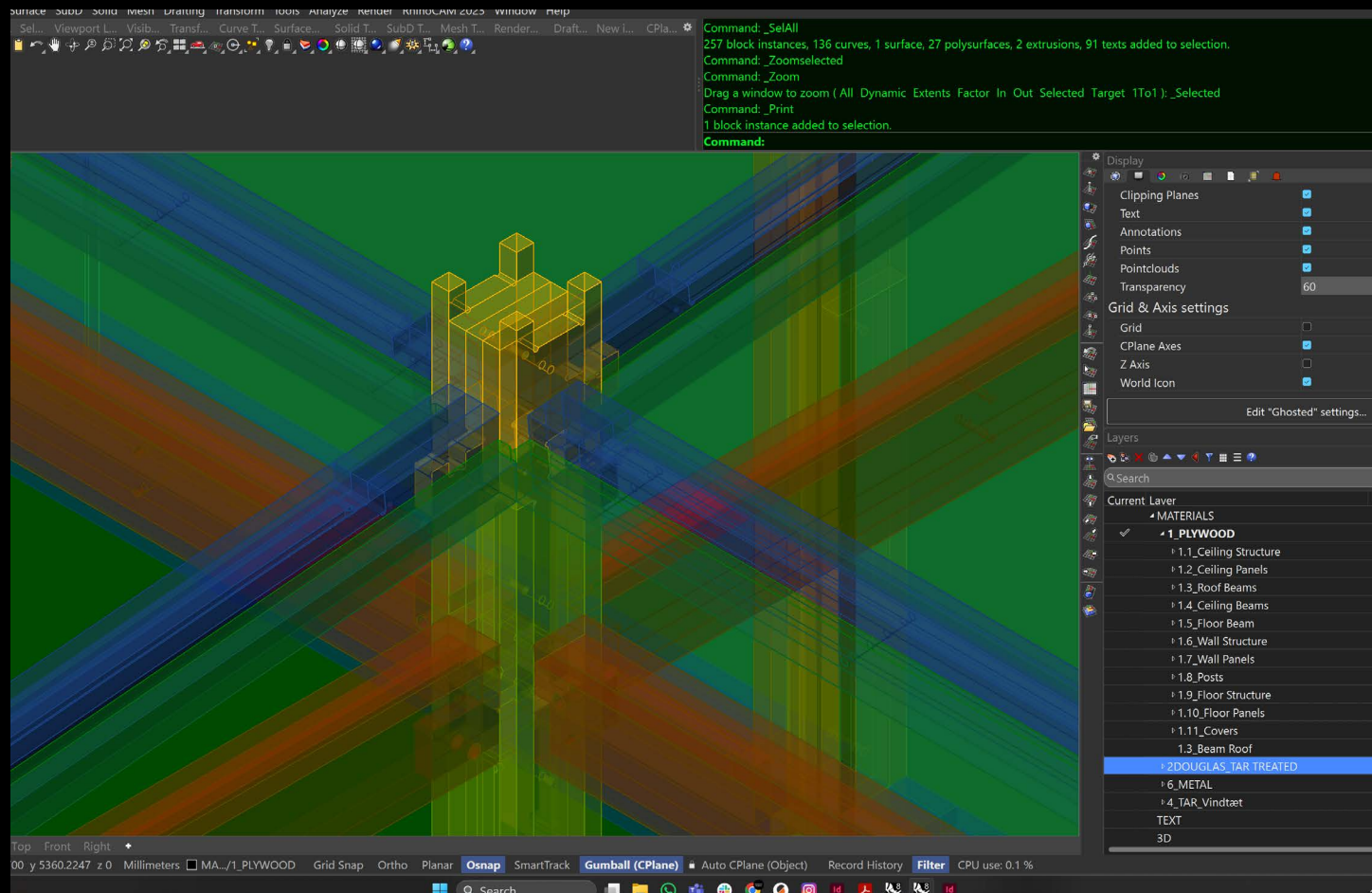




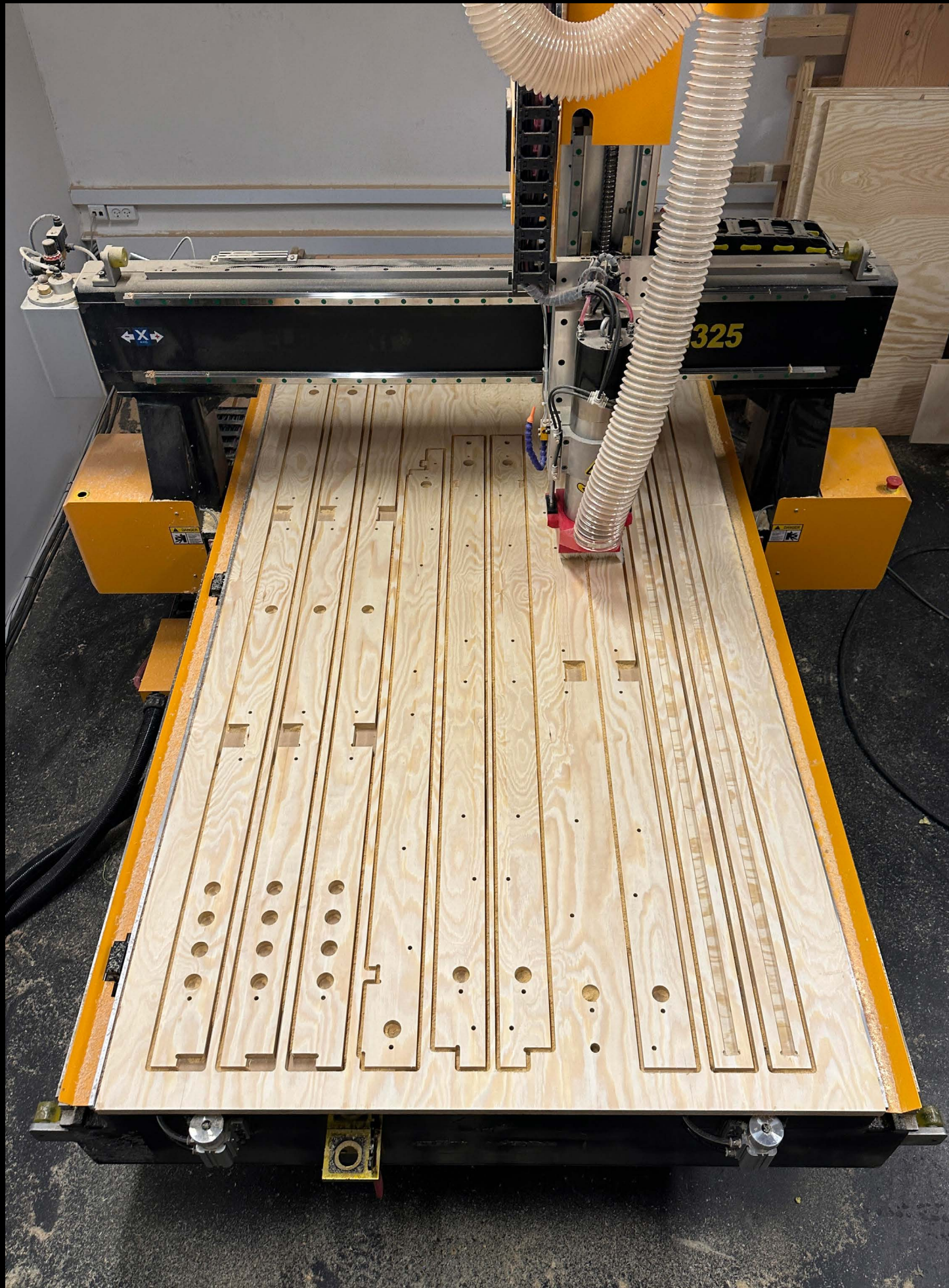


















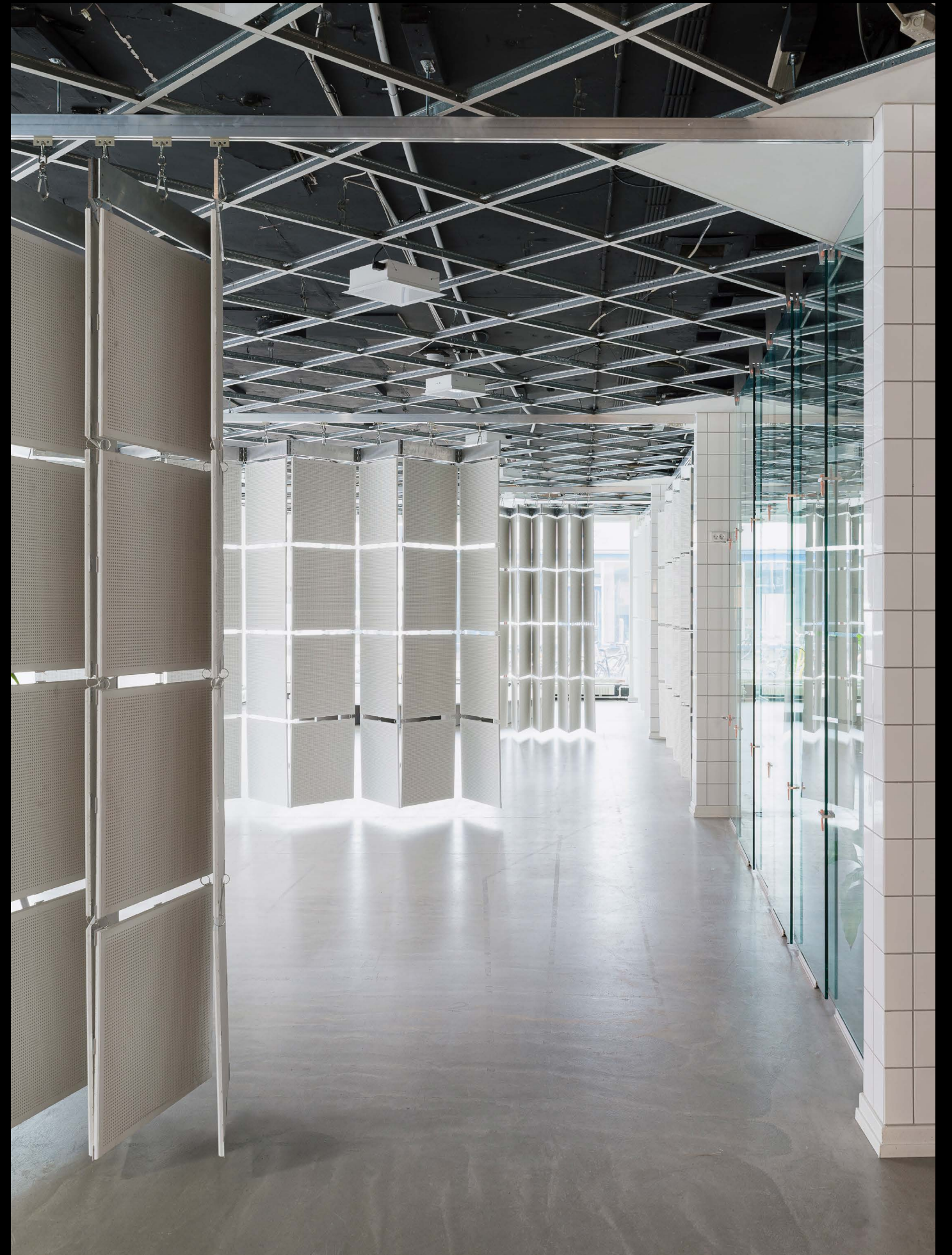
# 2

# Transformation

# Reorganising Layers of Spatiality



Art Hub Copenhagen \_ 2020 \_  
w. Pihlmann Architects \_



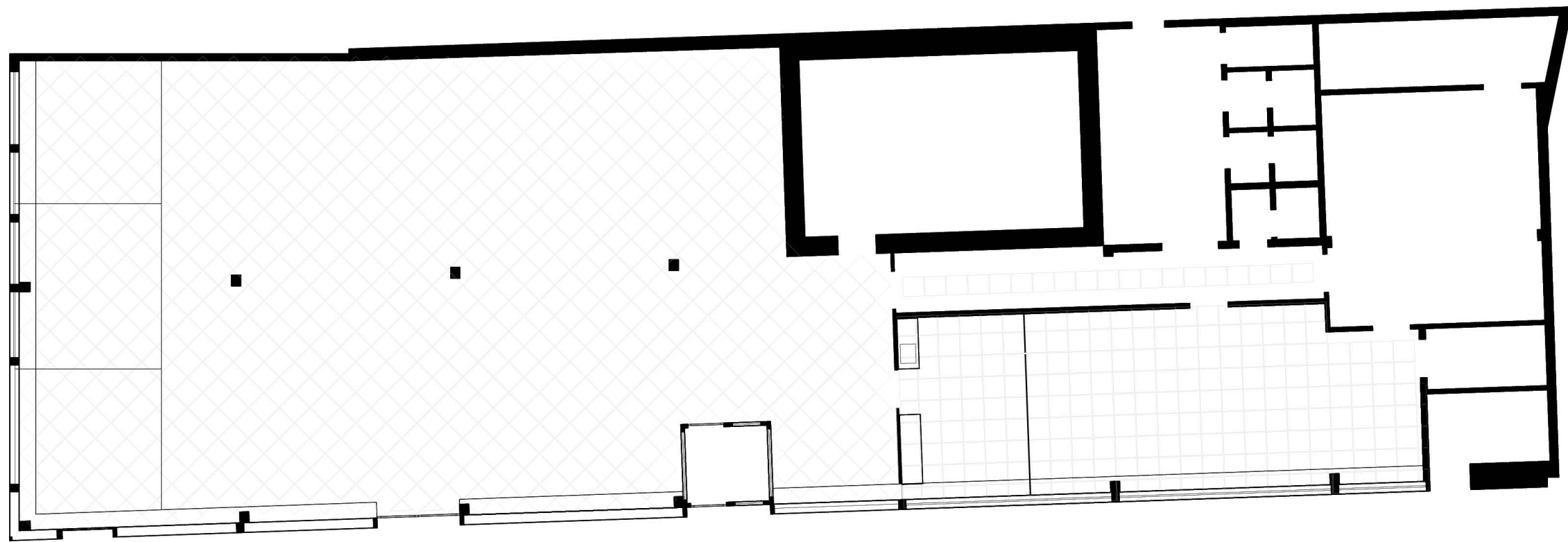




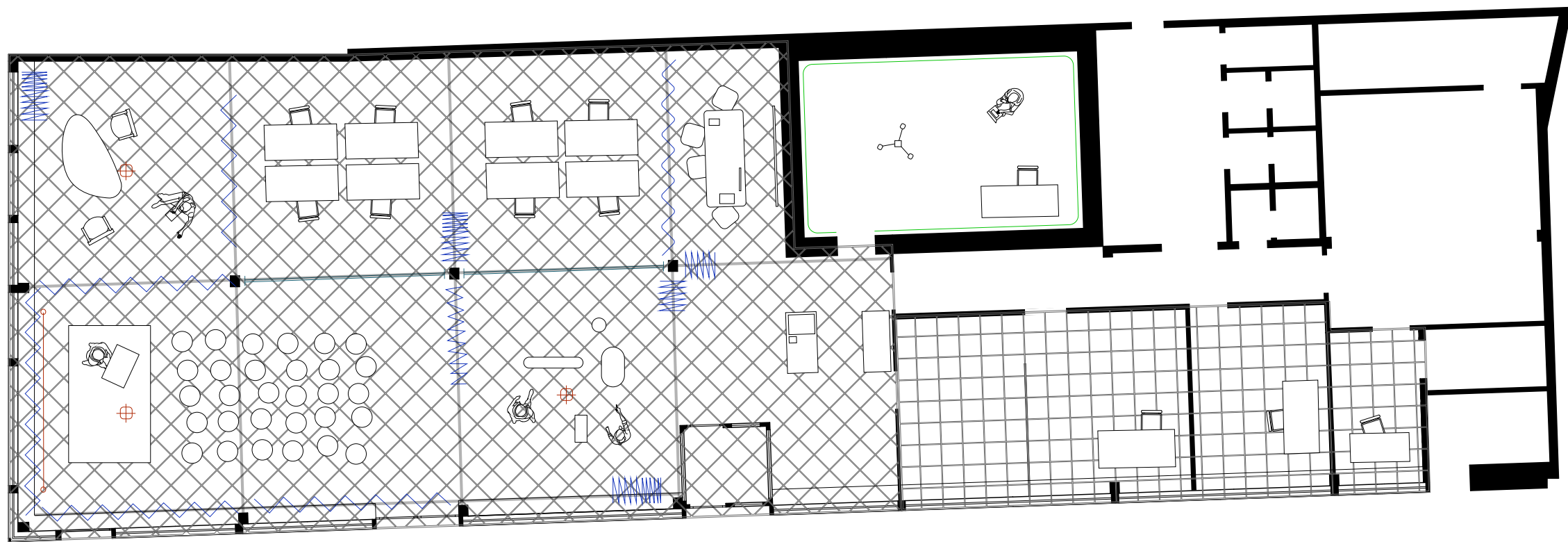






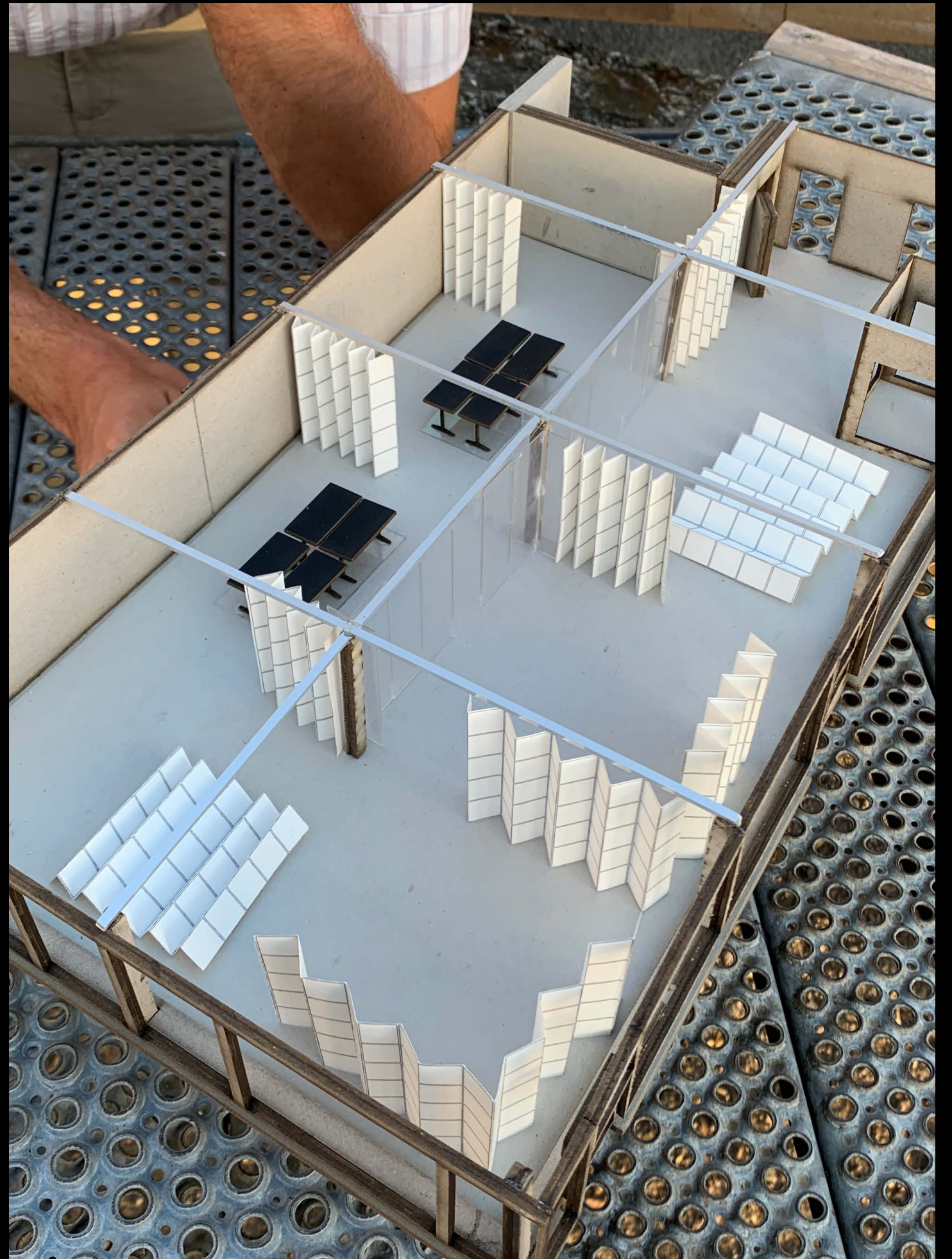






- curtain rail
- glass wall
- ▄ curtain
- projection screen
- ⊕ projection
- green screen





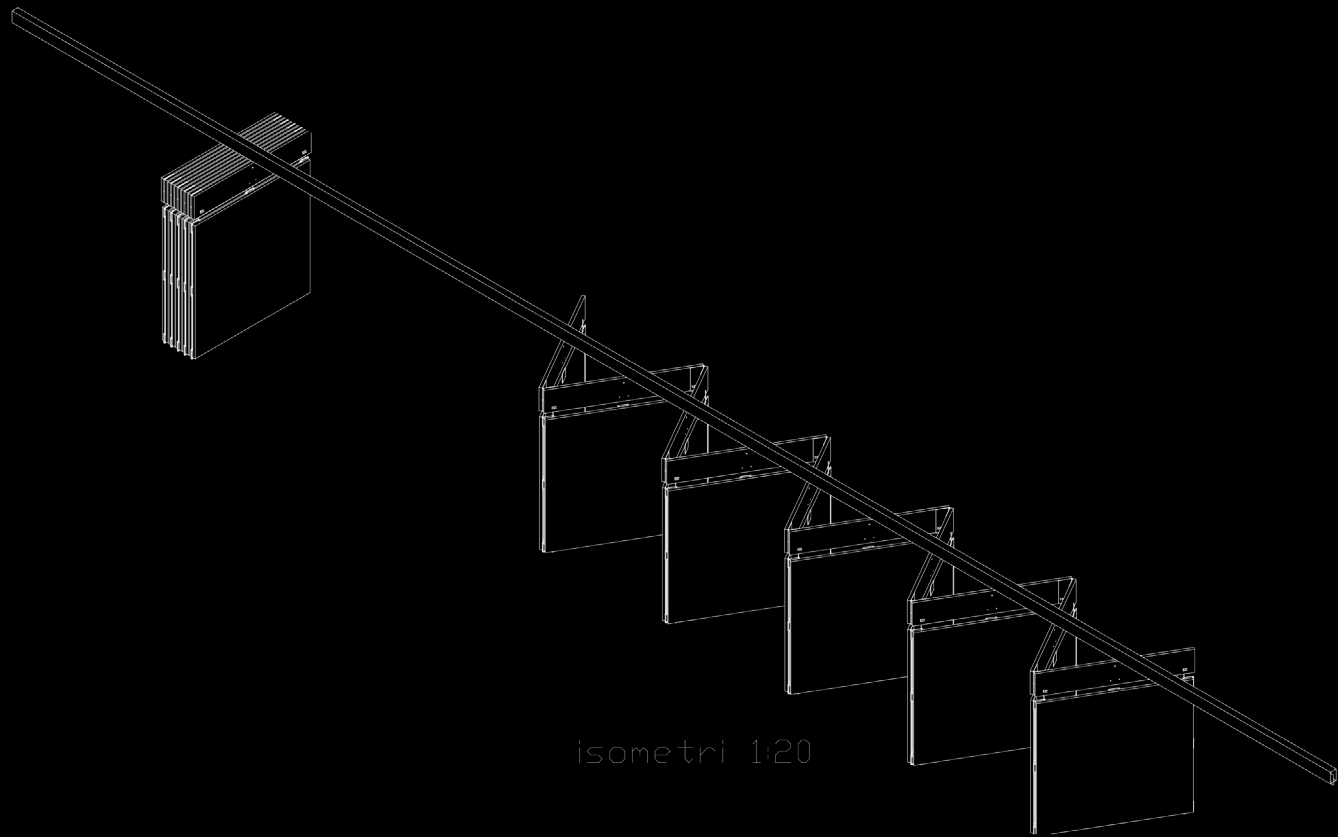




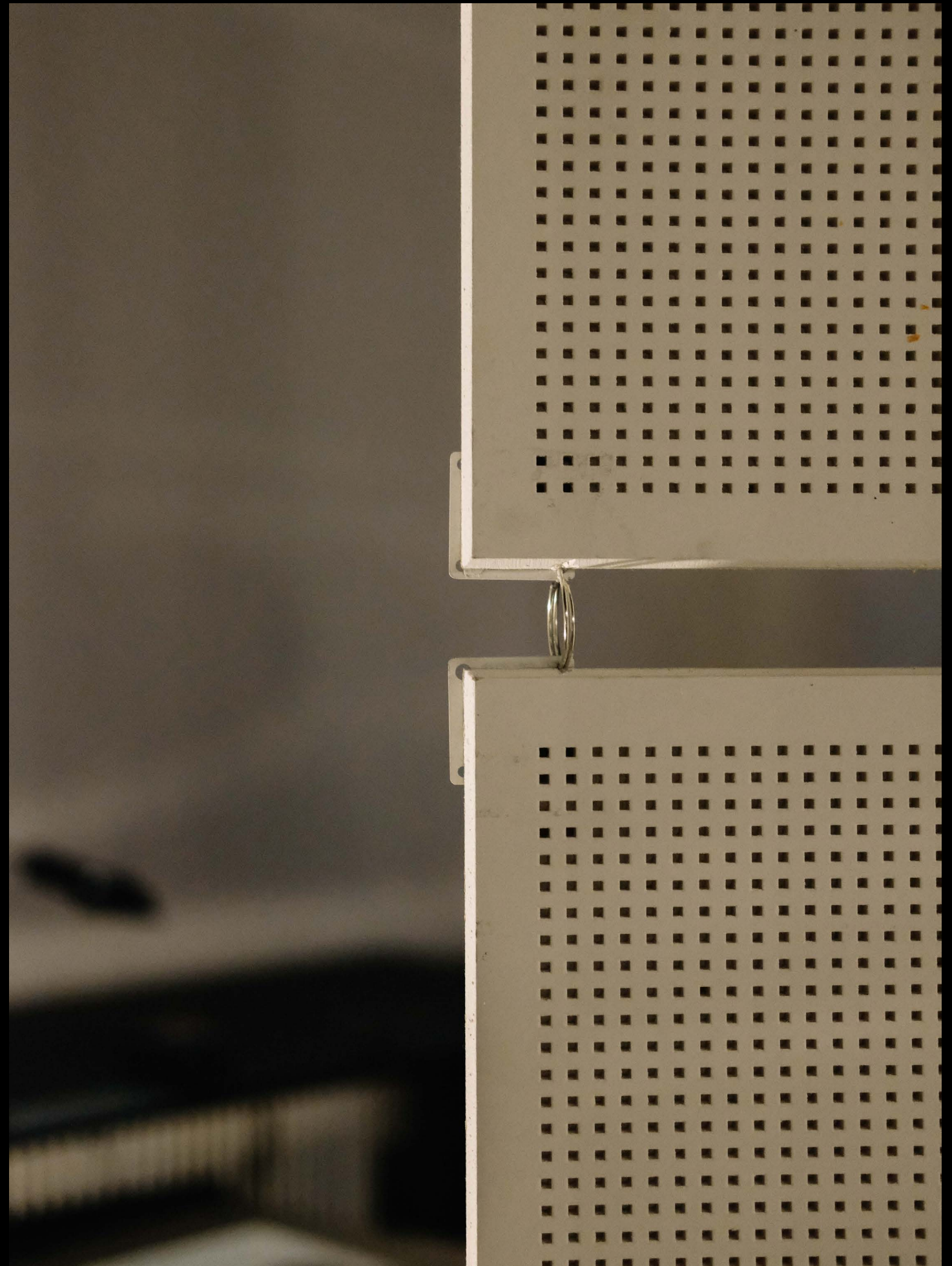








isometri 1:20















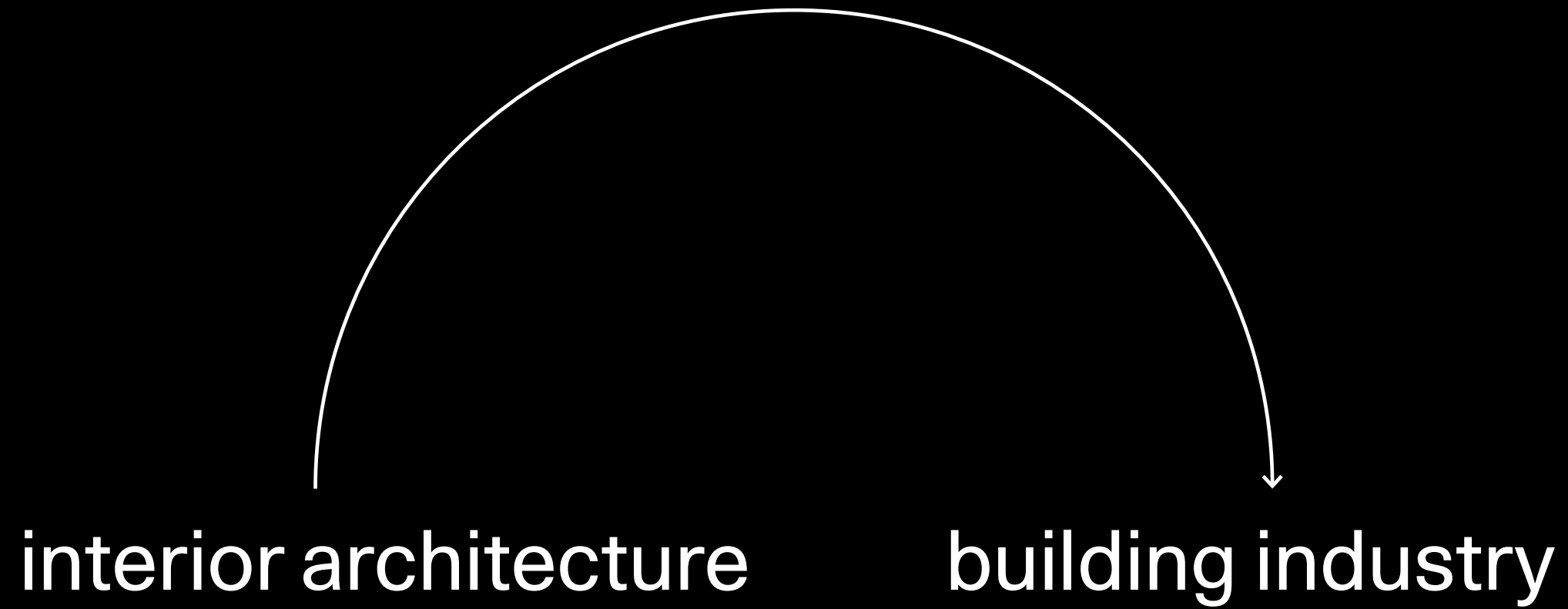
















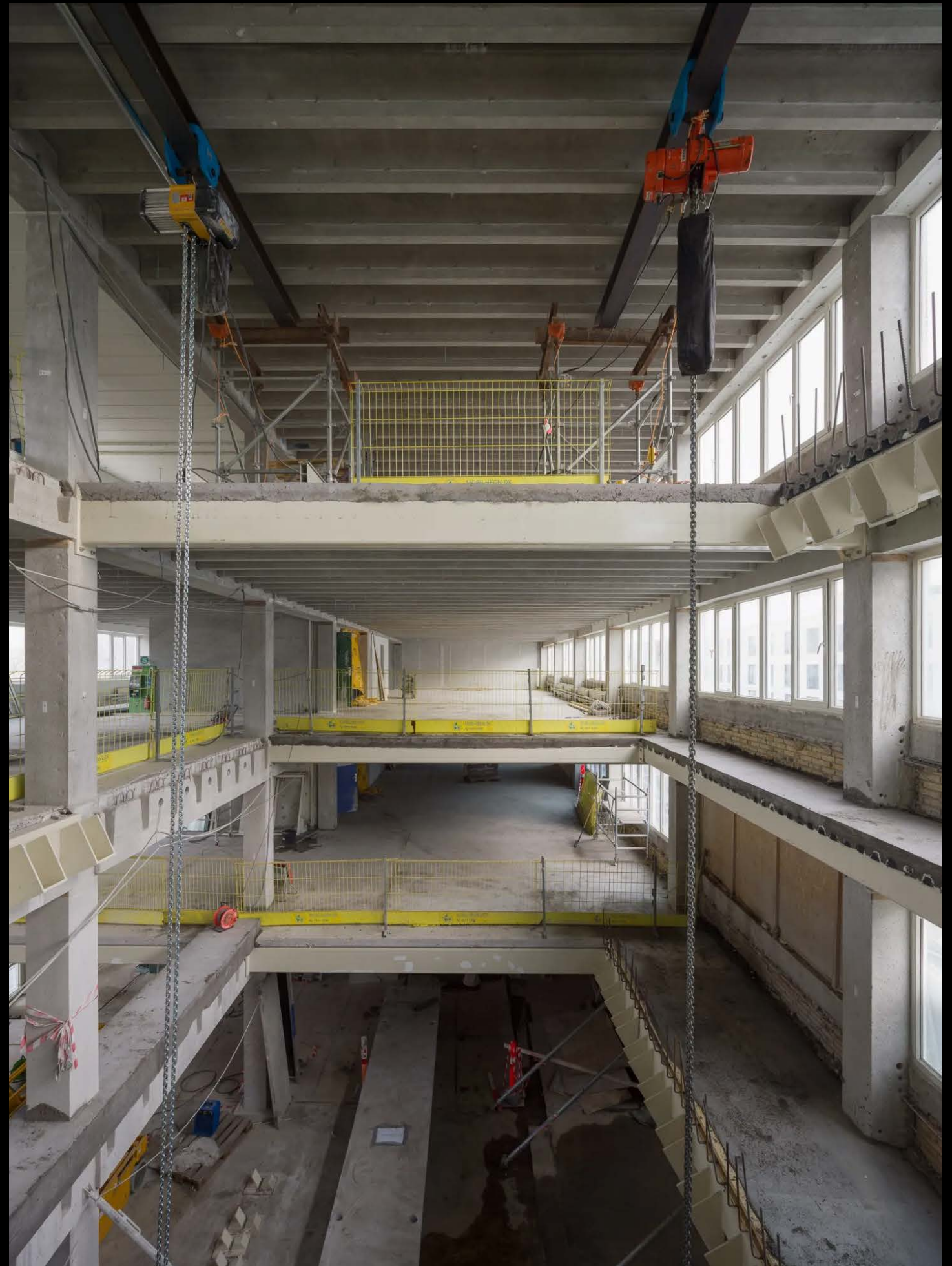
\*

Reference \_ Thoravej 29 \_  
Pihlmann Architects \_





\*  
Reference \_ Thoravej 29 \_  
Pihlmann Architects \_





Reset Materials \_ 2023 \_  
w. Chrissie Muhr \_





Can buildings in the  
nettles, and recycled  
like we do crops? Ho  
our understanding o

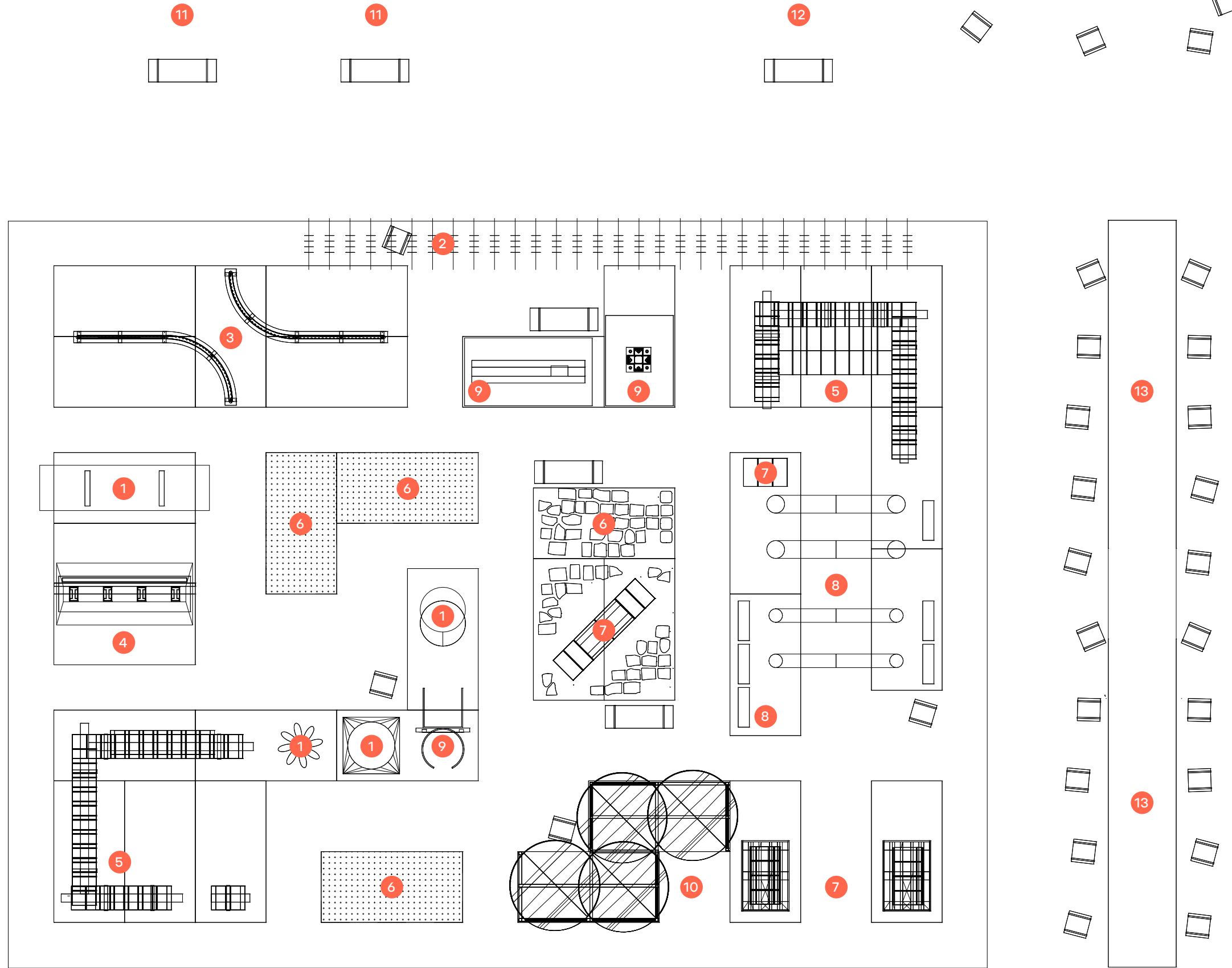
Construction is one  
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sequent waste. It  
the building industr  
ically transform how  
our built environme

*Reset Materials – To*  
is an invitation to ex  
building materials a  
iplinary teams—each  
manufacturers—hav  
their compelling vis  
*Reset Materials* focu  
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From recycled plast  
rials such as myceliu  
materials are each o  
constructed, and rec  
is exhibited as a lan  
allow visitors to enc  
aesthetic, construct  
each kind of materia

In the transition tow  
exhibition design us  
to present future sta  
mentation. Based up  
bition design aims t  
employs existing bu  
or vapour membran  
their original purpos

The ten teams that a  
selected through an  
year grant for the pr  
Fond in May 2022. T  
first time in the exhi  
*Sustainable Archite*

Entrance / Exit









3

# Anthropology

Places for life to unfold organically



Vores Sted \_ Ongoing \_  
w. Cobe, Reværk, Pihlmann Architects a.o. \_

Realdania

# Vores sted



**Få et sted at mødes**





Svar på ansøgning,  
der vurderes af en jury



Deltag i Fællesbyg og  
mød andre fællesskaber



Håndværkerne kommer



Jeres mødested indvies







# Mapping out Material Flows and Techniques \_





# Mapping out Material Flows and Techniques

## Indledende kortlægning af materialer og aktører

### Ressourcer - katalog / genbrugsmaterialer

Komponent:	Dimension:	Teknik:	Brug:	Potentiale:
Opbeholdere Vandfylde	Bredde: 1000mm Tykkelse: 10mm Længde: 1000mm	Lini, akryl ØP, vandtætte gulvopsamlere og samlingsstykker	Facade tagflade gulv invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Spiserne fyndstik	Bredde: 1000mm Tykkelse: 10mm Længde: 1000mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Konstruktion Invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Koldeborer	Bredde: 200-300mm Tykkelse: 50-60mm Længde: x	opbeholdere bærestyring samlinger ØP, vandtætte gulvopsamlere	facade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Vandlostaner	ØD: 1250mm Længde: x	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	facade tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Opbeholdere	Bredde: 800mm Tykkelse: 13mm Længde: 2400mm	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: indvendig/beklædning invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Brug - et træplade	Bredde: 1000mm Tykkelse: 10mm Længde: 1000mm	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Blokke	Bredde: 1000mm Tykkelse: 50mm Længde: 2200mm	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Tagtegel	Bredde: 220mm Tykkelse: 25,35 mm Længde: 385 mm	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Komponent: tagblokke / poroton	Bredde: 115mm Tykkelse: 52mm Længde: 240mm	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Komponent: Huldæk	Bredde: 1200-2400mm Tykkelse: 180-400mm Længde: x	ØP, vandtætte gulvopsamlere samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5

### Ressourcer - katalog / restmaterialer

Komponent:	Dimension:	Teknik:	Brug:	Potentiale:
Off cuts vindskinduktion fyndstik	Bredde: 58 mm Tykkelse: 22mm Længde: 117mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Off cuts Dinesen Aalk. (trug) og fyndstik	Bredde: 200-400mm Tykkelse: 28-30mm Længde: max 400mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
underindretninger terrace- og facade Tilkomningsmateriale fyndstik	Bredde: 18-132 mm Tykkelse: 18mm Længde: 1800-5400mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Overlud fra Carlsberg afslutningsplade	Bredde: 790mm Tykkelse: 12-20mm Længde: 1790mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Transport podde Birk, ask, gran	Bredde: 100-140mm Tykkelse: 12mm Længde: 1200mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Belæknings Overlud fra Carlsberg afslutningsplade	Bredde: 1250mm Tykkelse: 15mm Længde: 2500mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Konstruktionsfil fra vindskinduktion	Bredde: 250mm Tykkelse: 200mm Længde: 3900mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Kassevarer kaldet	Bredde: 500mm Tykkelse: 10mm Længde: 1000mm	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Off cuts tagpap	Bredde: 1000mm Tykkelse: 2-4mm Længde: x	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5
Overlud Glas	Bredde: x Tykkelse: x Længde: x	Flaskelåse samlinger ØP, vandtætte gulvopsamlere	Brug: tagflade invester	Holdbarhed & søm 2,5 Bærestyring 1,0 Klim & miljøbelast 5,5 Bæredygtighed & økonomisk 480kg CO2/m2 Byg & installation 4,5 Arbejd & vedligeholdelse 3,5

### NEDRIVNING

J. Jensen  
Kingo Karlsen  
Tscherning  
m.fl.

### SOURCING OG VIDERESALG

Genbyg  
Greendozer  
Jensen genbrug  
m.fl.

### BEARBEJDNING

Again  
Convert  
Mater  
Rekoma  
m.fl.

### JUBILÆUMSPROJEKT

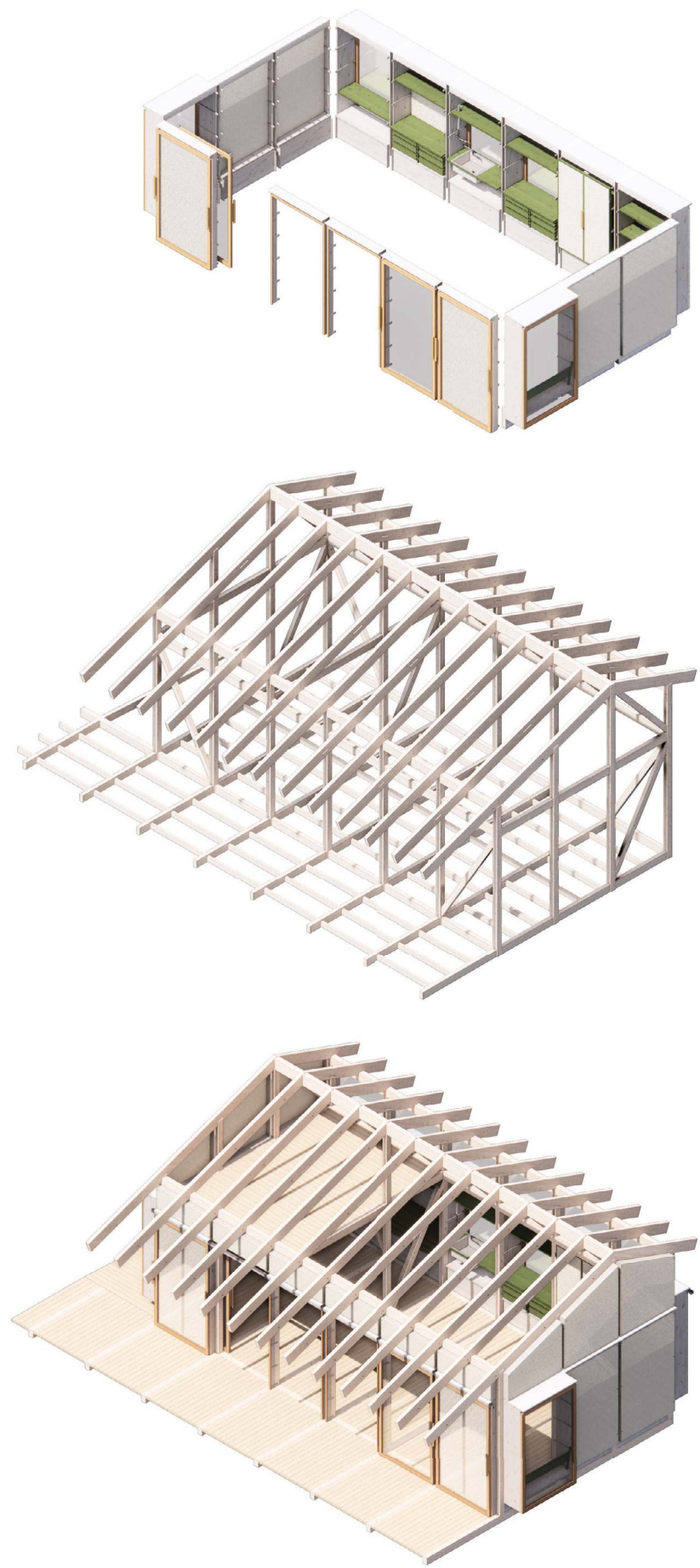
### INDUSTRI

Dinesen  
Vindmølleindustri  
Velux  
Stark  
m.fl.















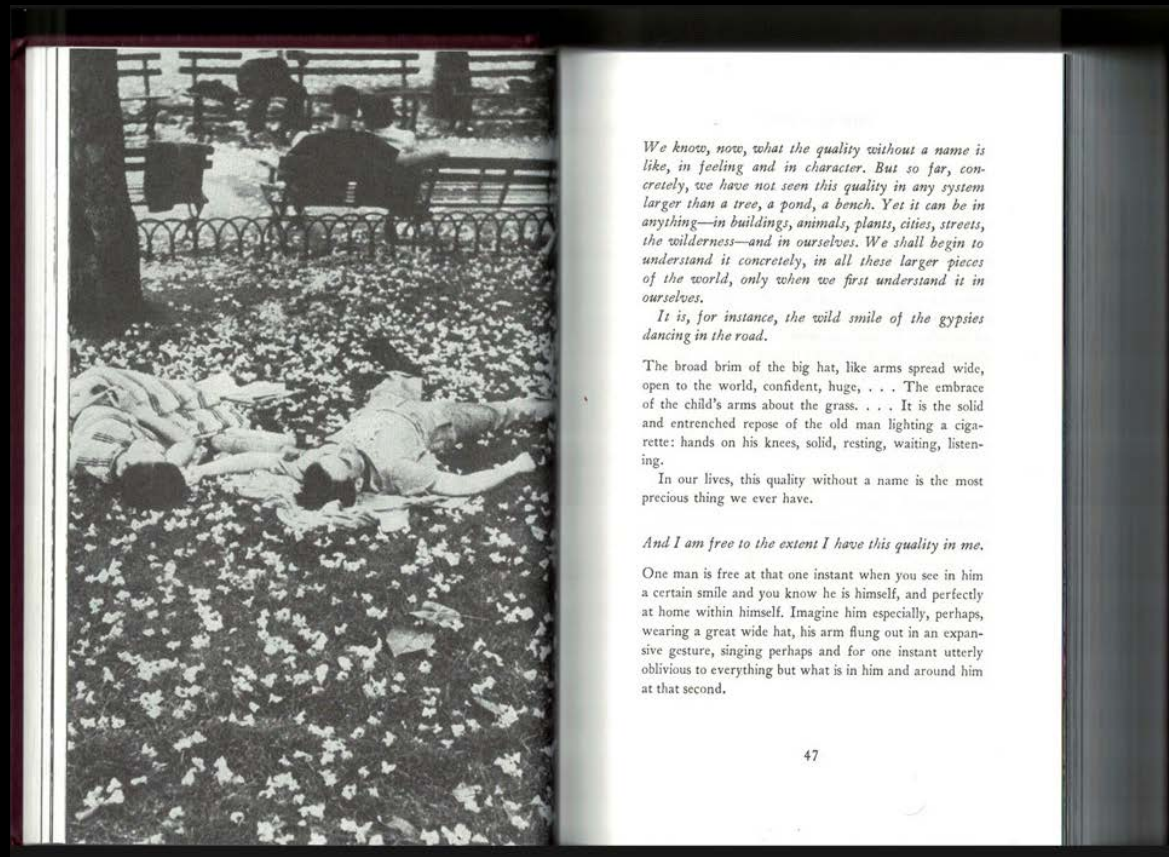
4

# Phenomenology

## The Quality without a Name



# The Timeless Way of Building \_ Christopher Alexander \_









Point of Departure \_ Light and Space \_



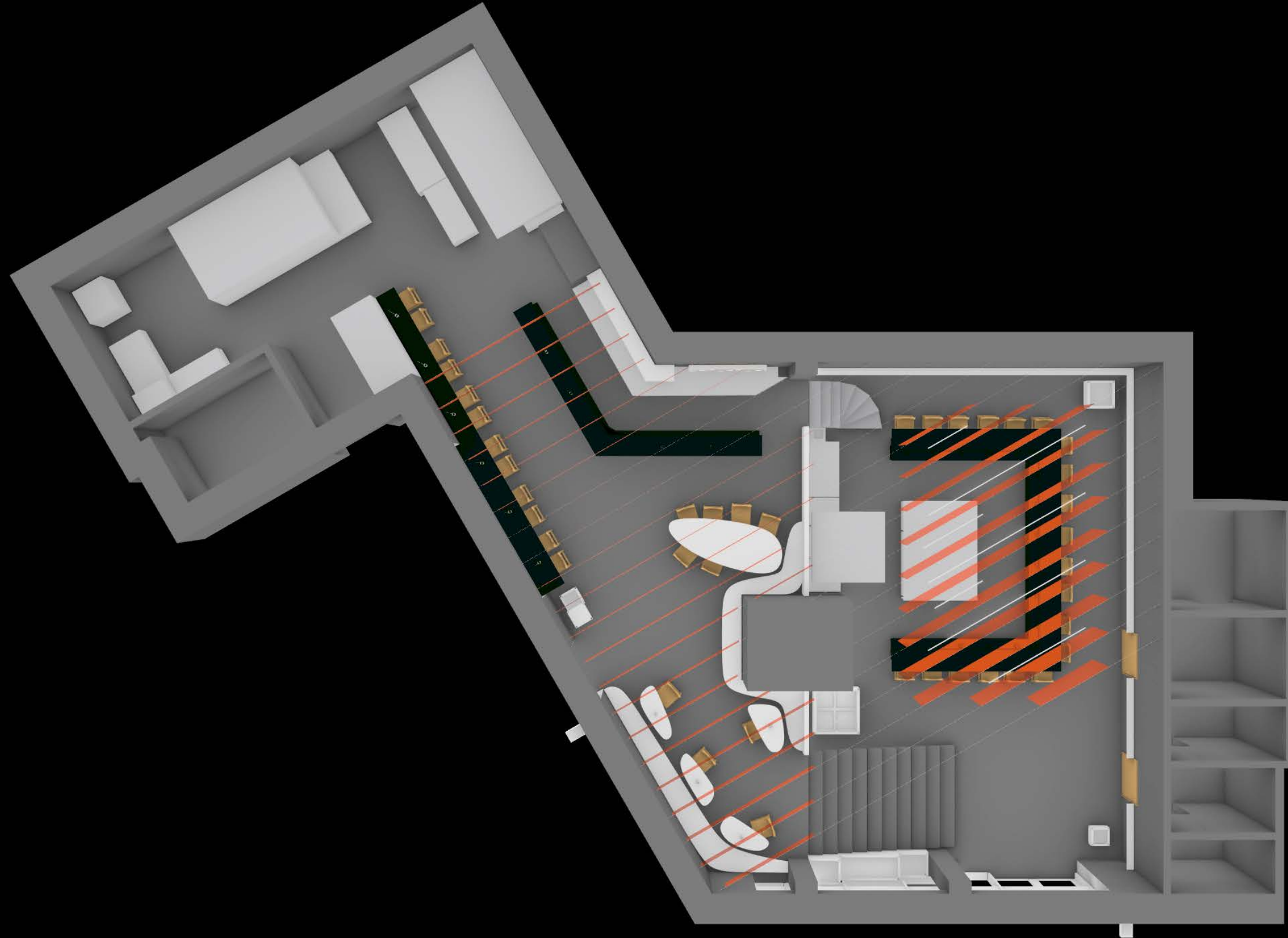








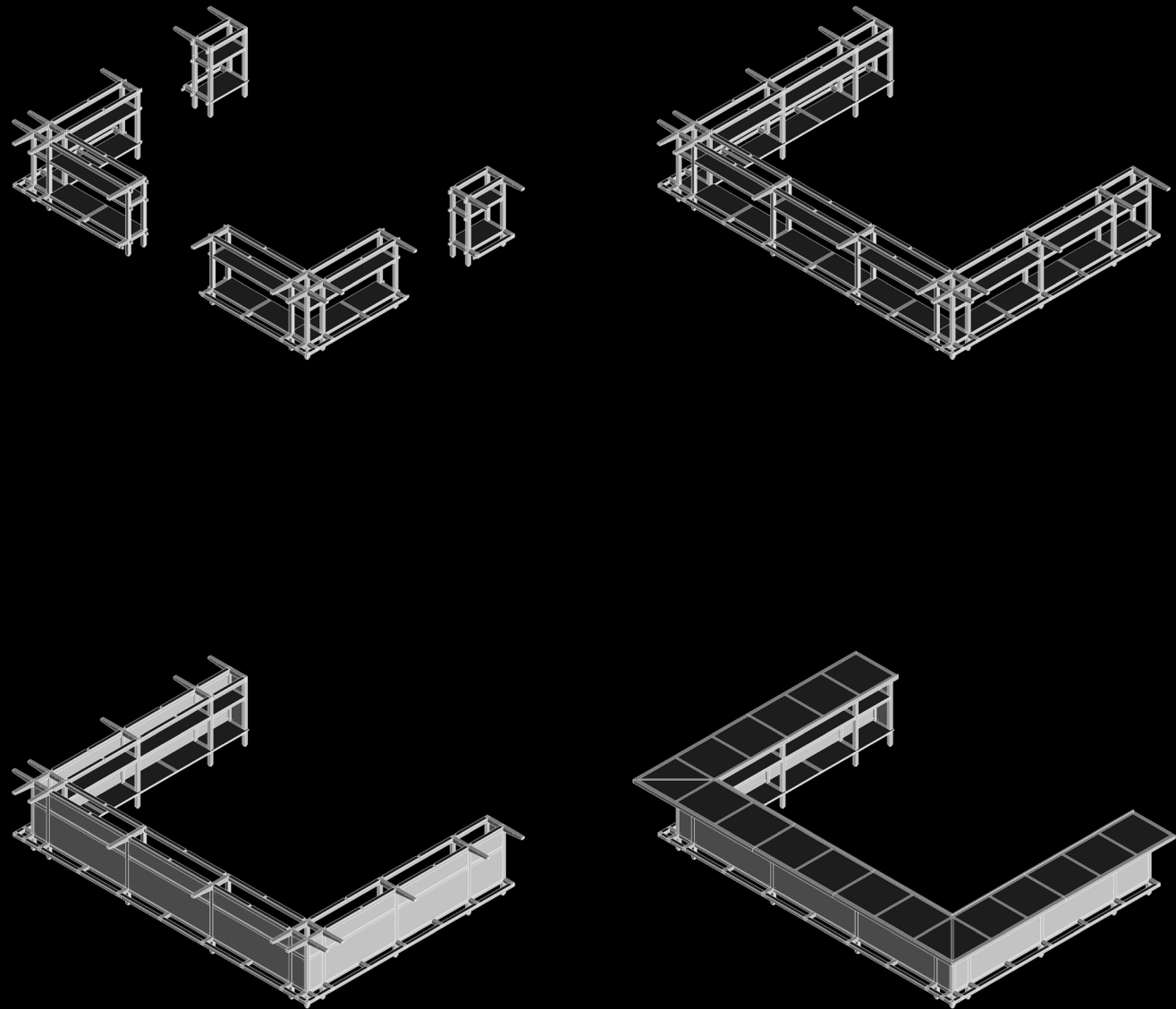


































# Studio

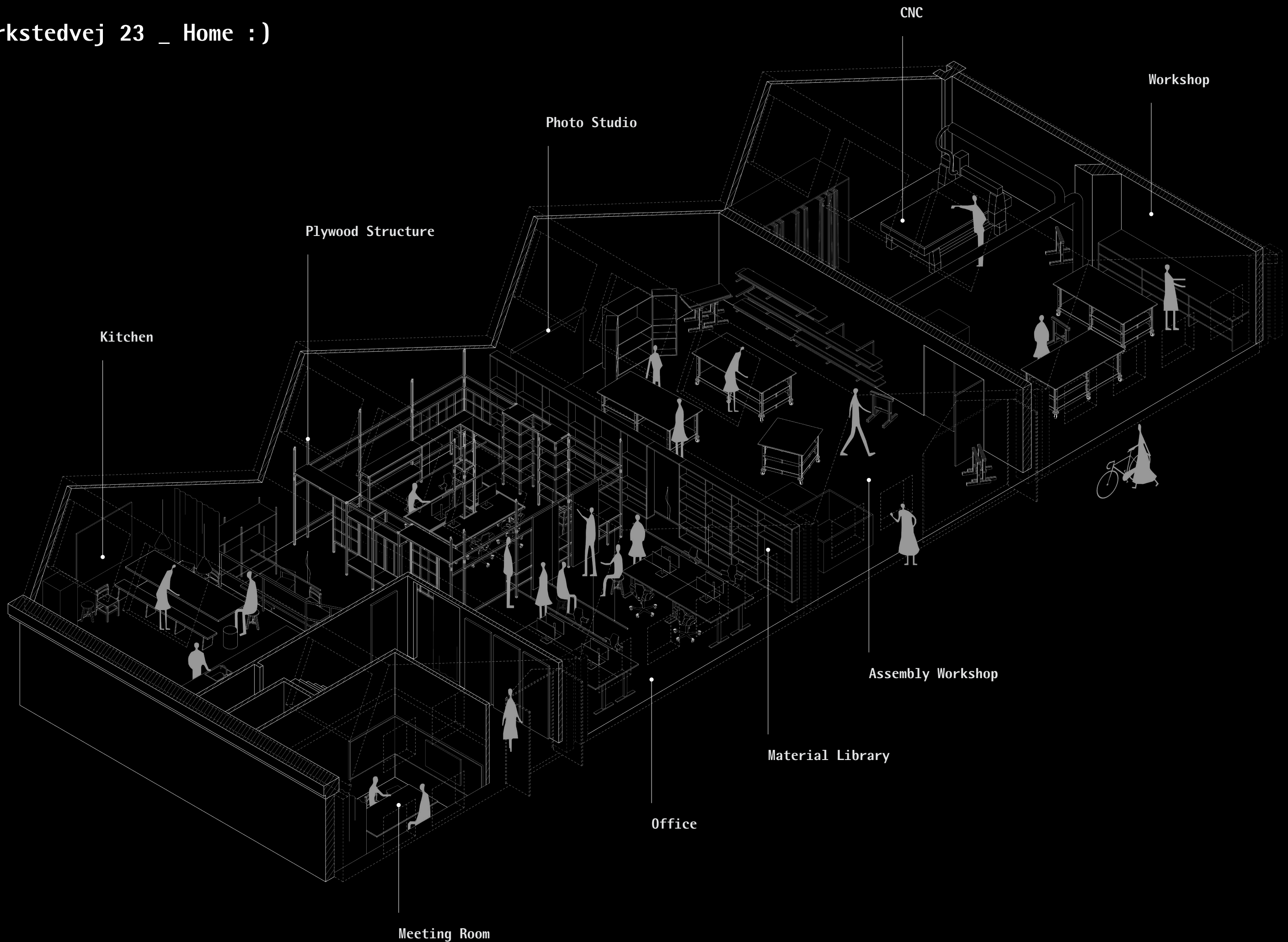


Værkstedvej 23 \_ Home :)



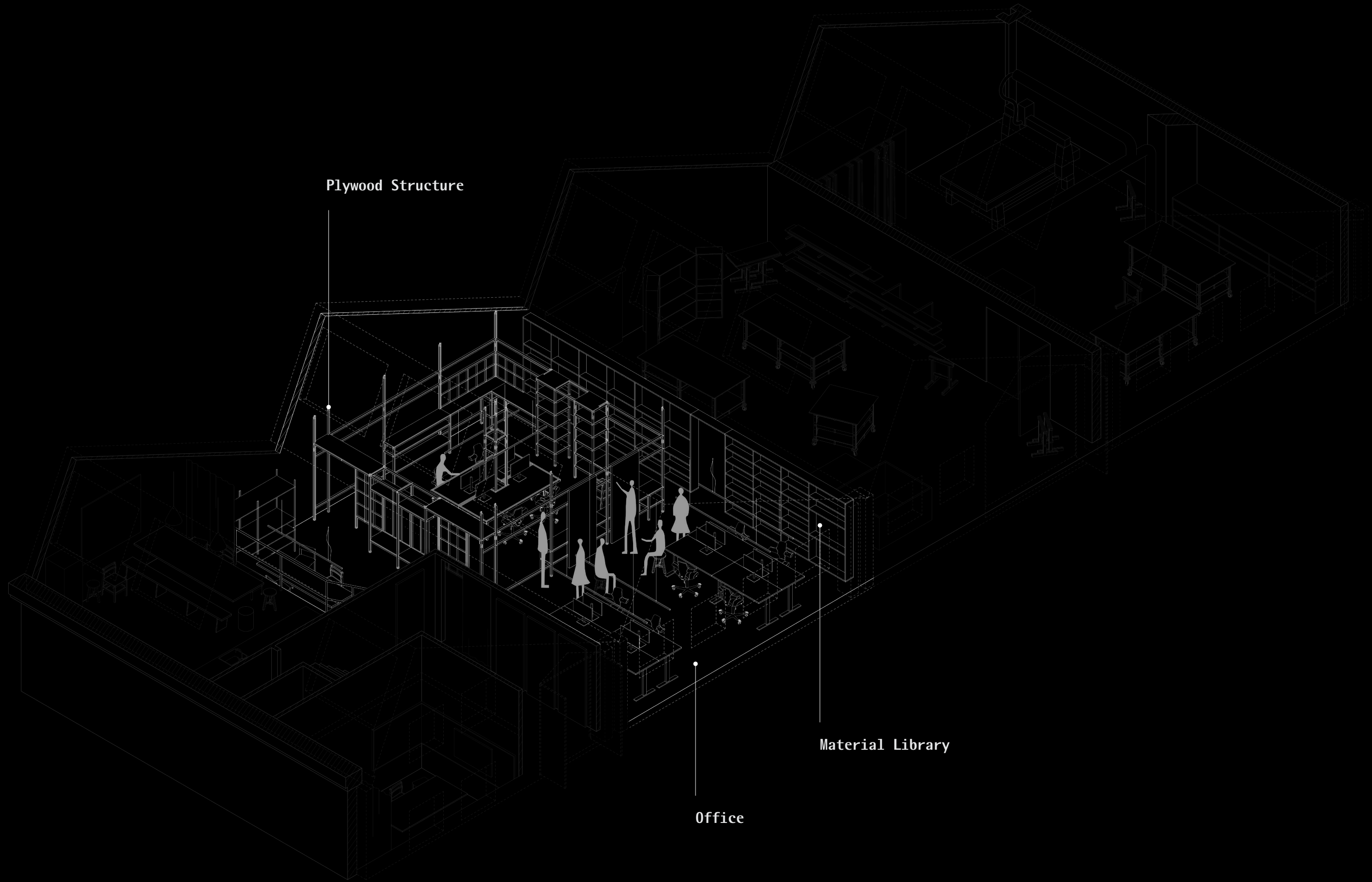


# Værkstedvej 23 \_ Home :)





# Værkstedvej 23 \_ Office \_



Plywood Structure

Material Library

Office









Singularch: Transforming the Already Existing



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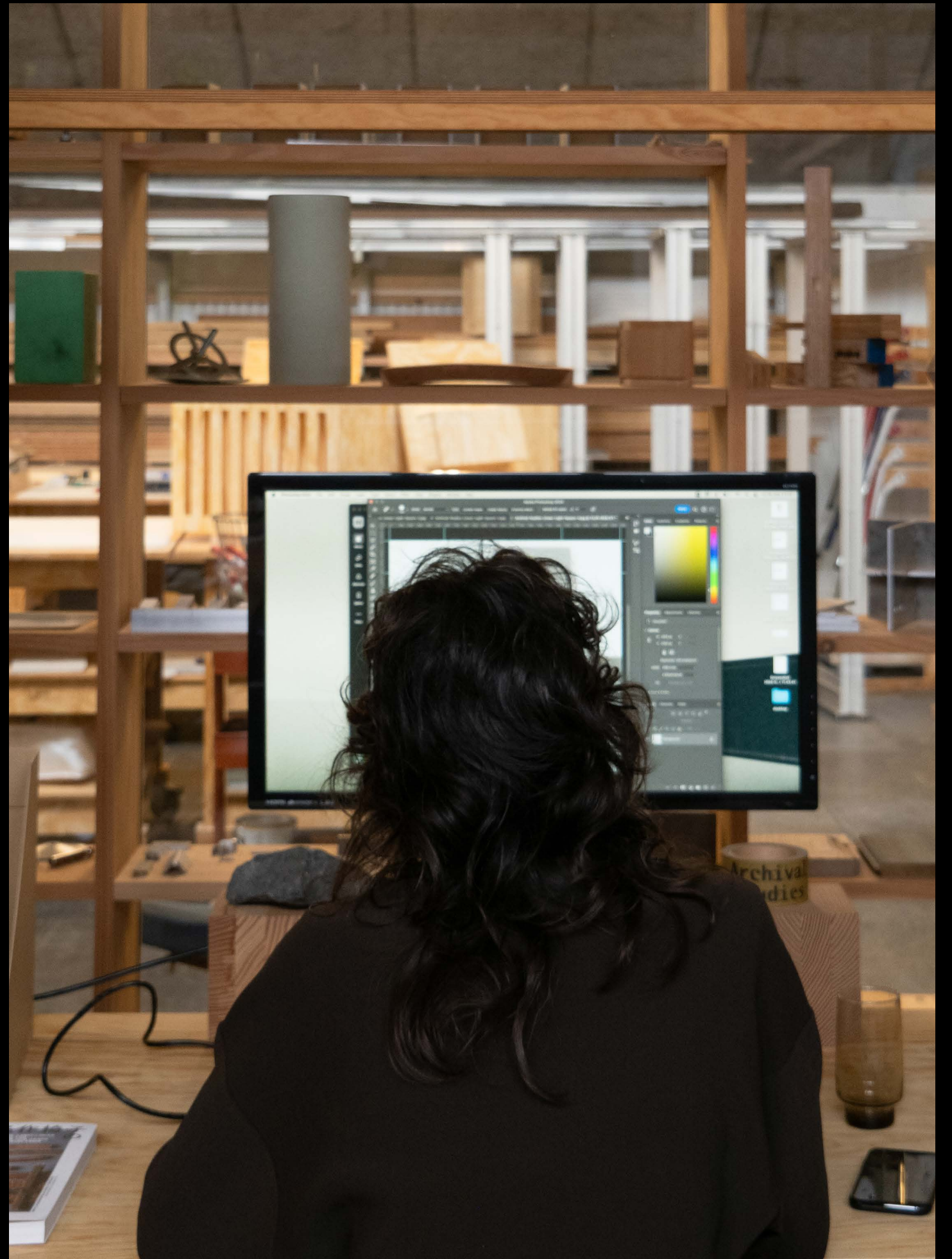
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Singularch: Transforming the Already Existing

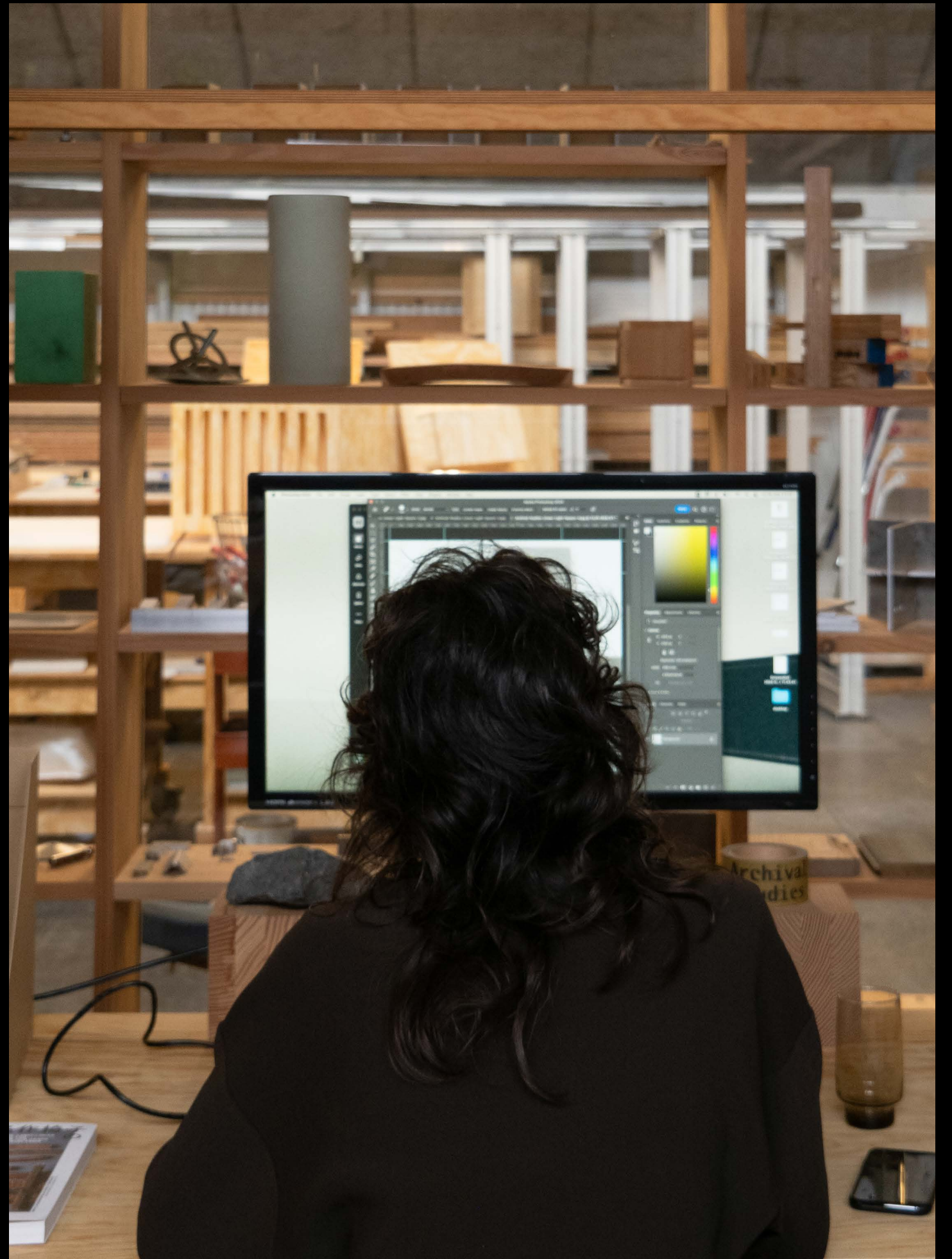


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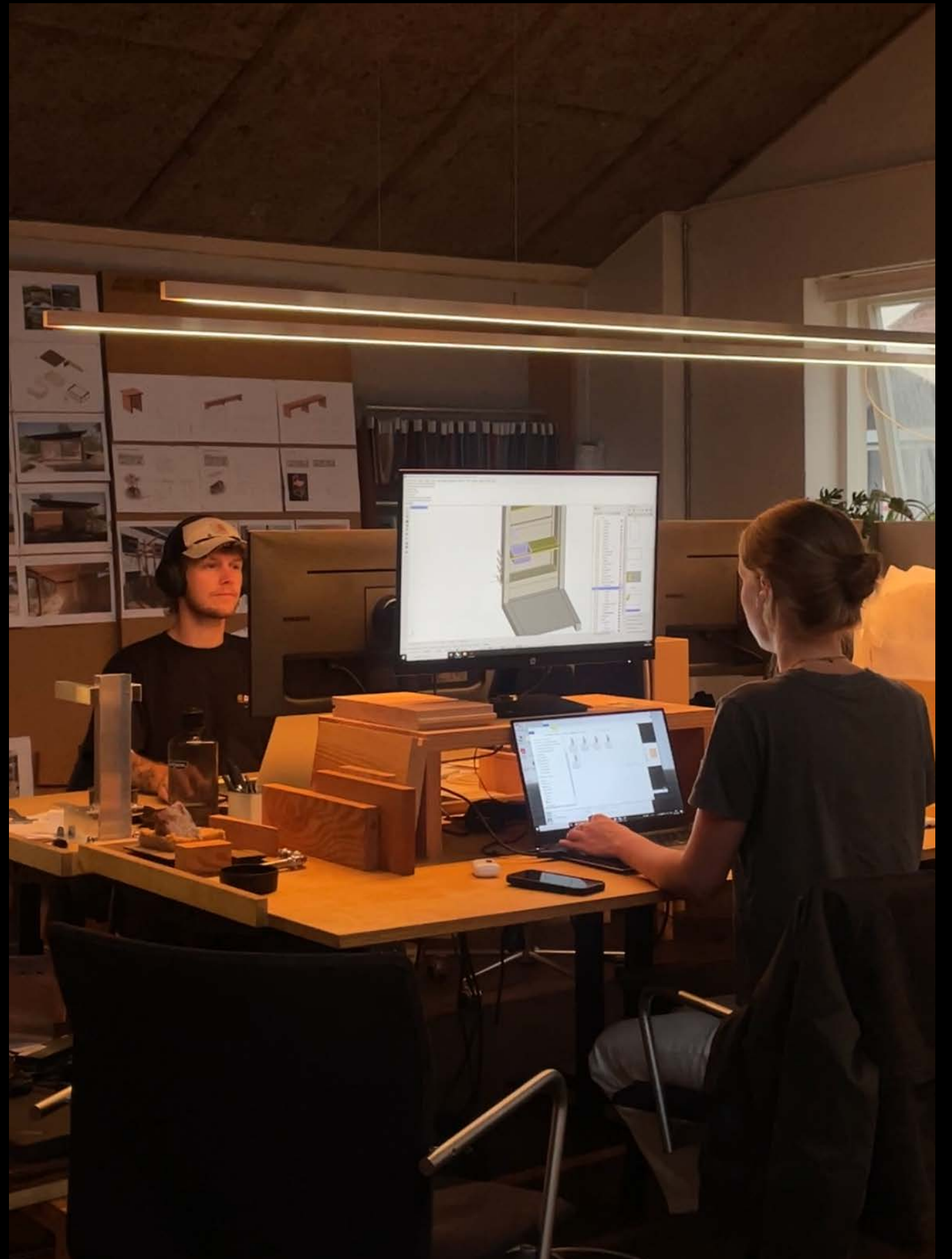
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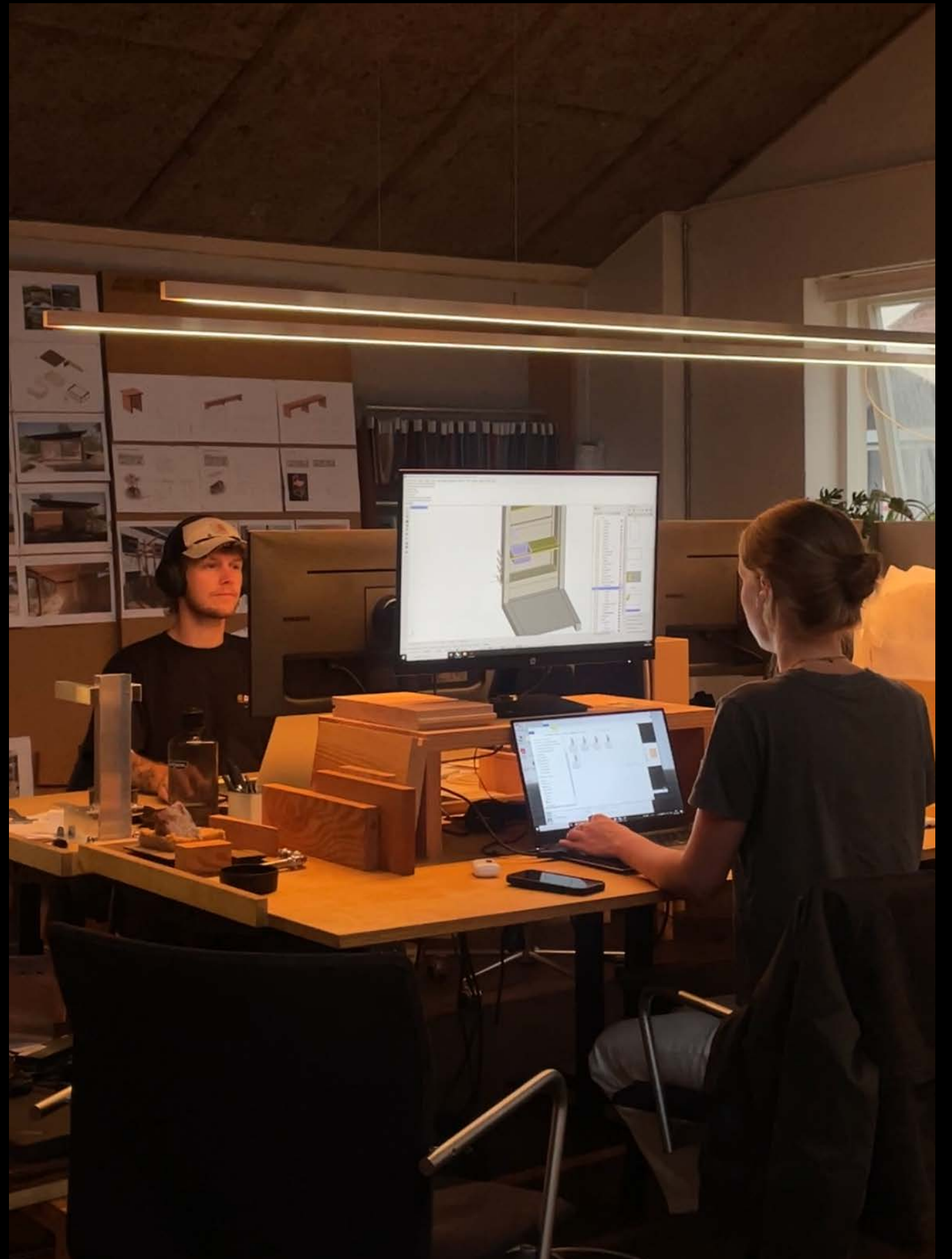














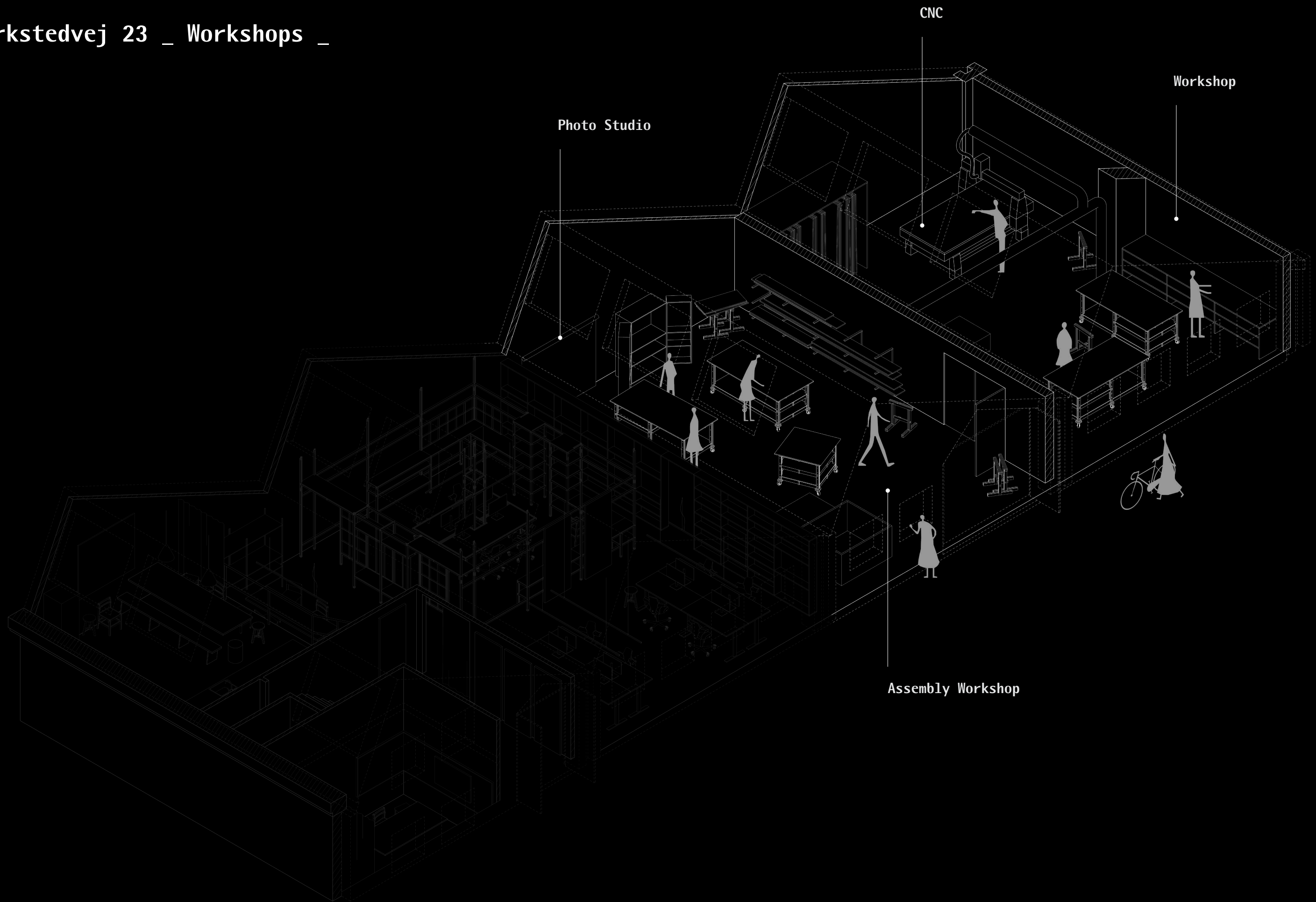








# Værkstedvej 23 \_ Workshops \_



















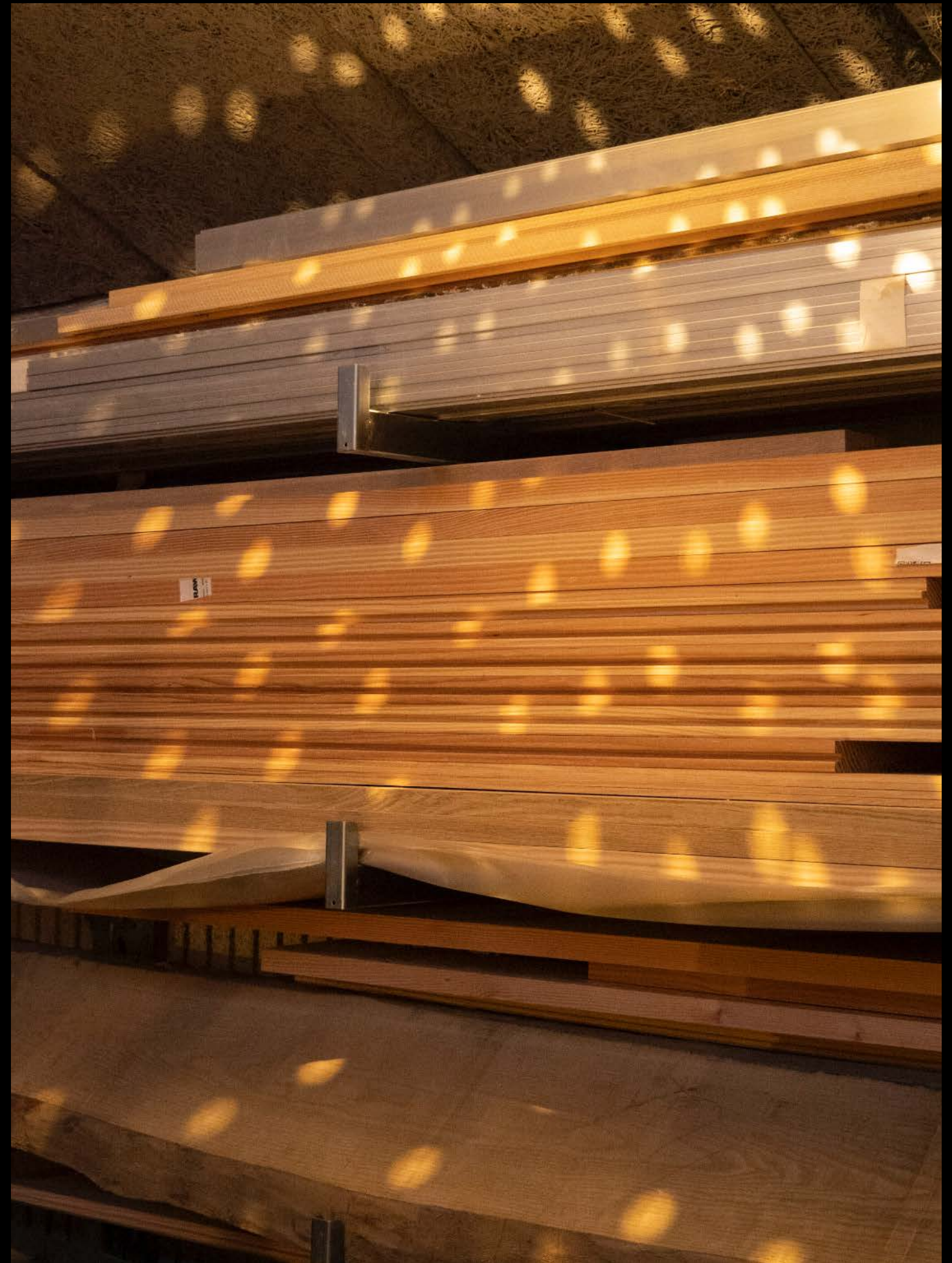




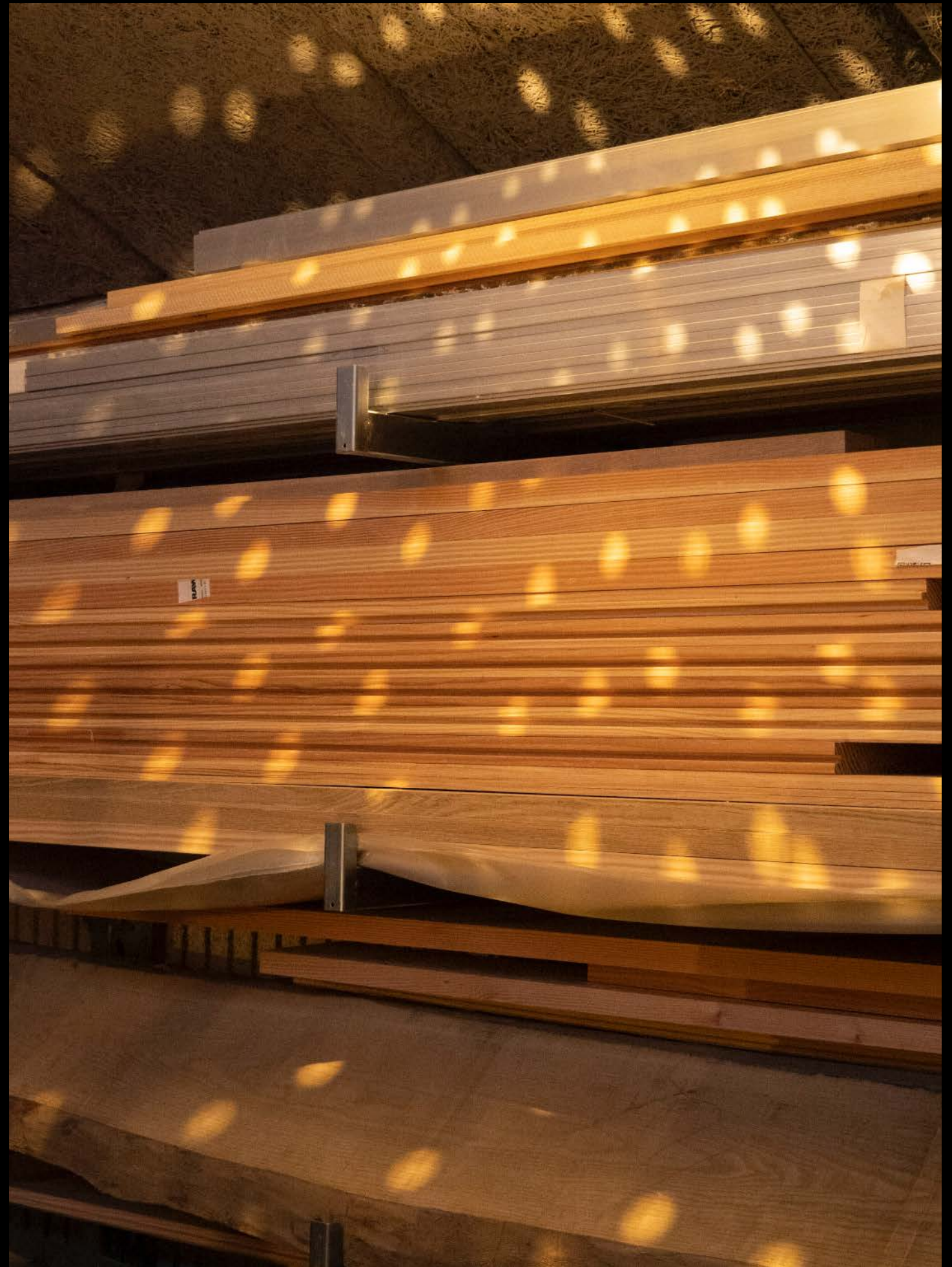














# Værkstedvej 23 \_ Social Spaces \_





Værkstedvej 23 \_ Social Spaces \_





























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