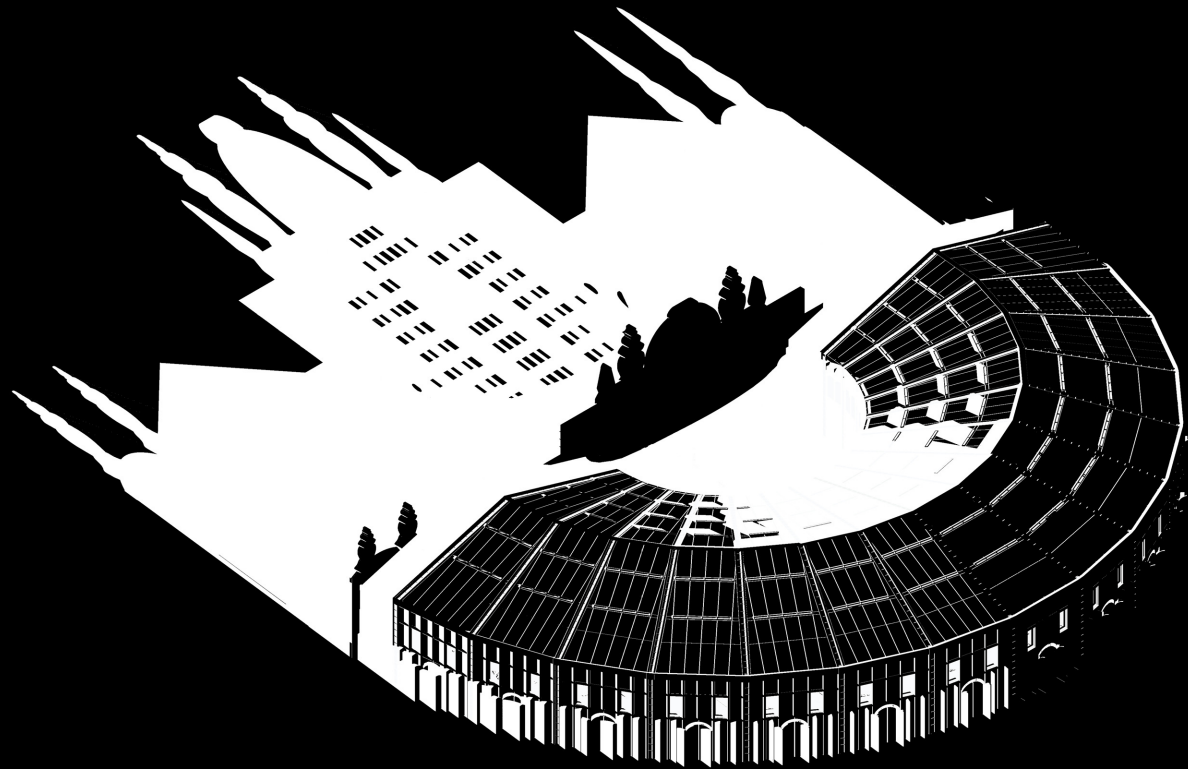


from
Shady Heritage



an architecture of
Frictional-Empathy

toward

Saskia Tideman

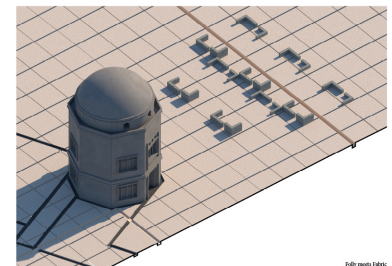
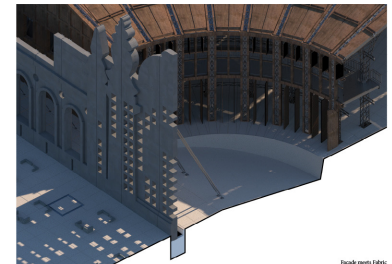
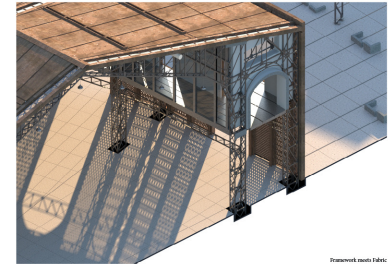
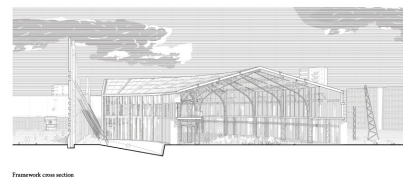
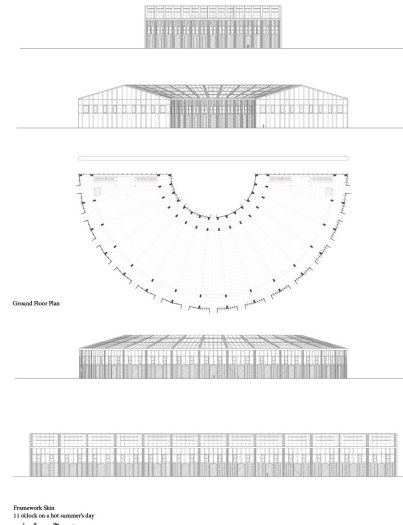
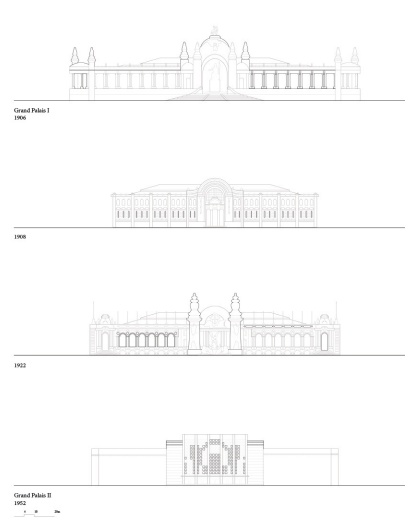
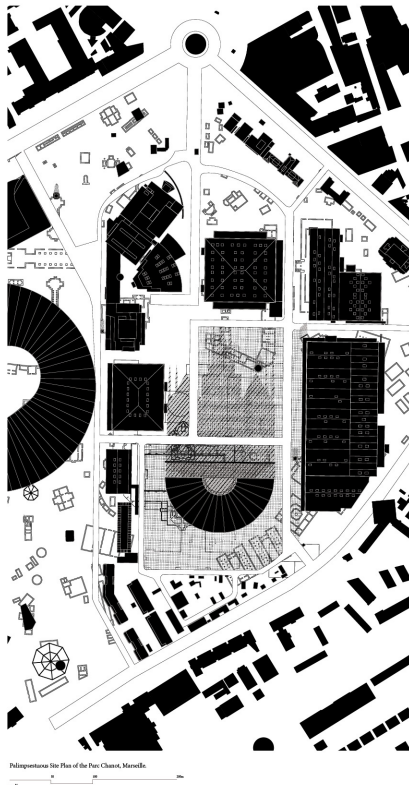
From Shady Heritage toward an Architecture of Frictional Empathy
Graduation Project in Explore Lab Studio

Design Mentor - Stefano Milani
Building Technology Mentor - Jan Van de Voort
Research Mentor - Carola Hein

Delft University of Technology
P5 Presentation
02-07-2021

Printed contents

Screenshot this slide to use the QR Code or find it on issuu.com/saskiatideman

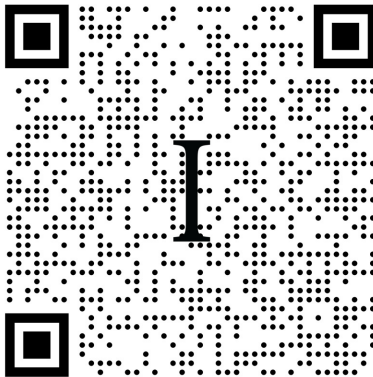


Printed contents

Screenshot this slide to use the QR Code or find it on issuu.com/saskiatideman

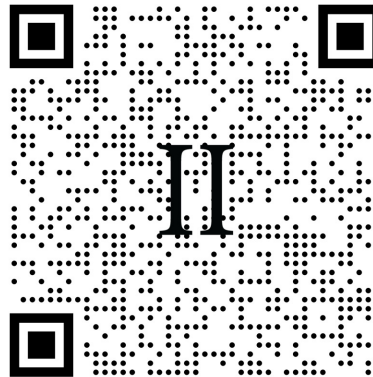
Shady Heritage

An anthology on architecture, history,
memory, power and heritage



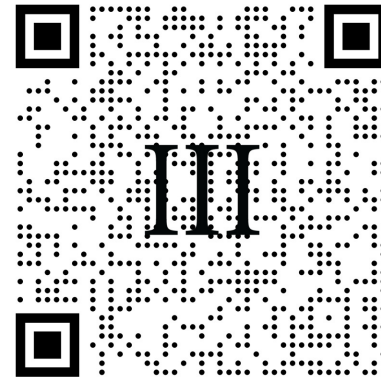
Setting the record Shady

Mapping Marseille's shunned heritage.



Le Grand Palais des Histoires

Site survey, drawing package and design booklet.



Prologue

Trauma

Intervention

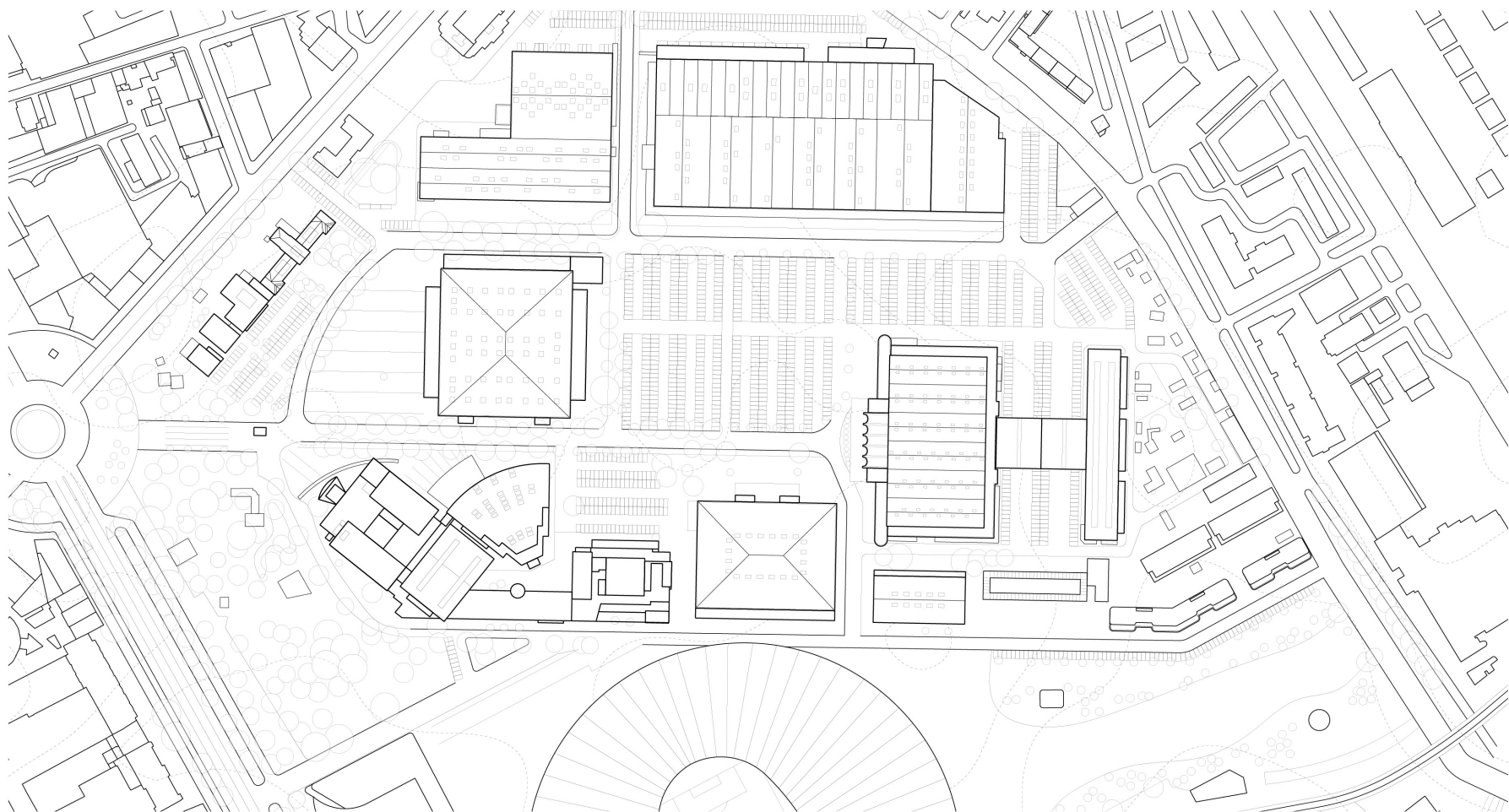
Catharsis

Trauma

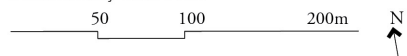
Intervention

Catharsis





Preliminary Site Plan



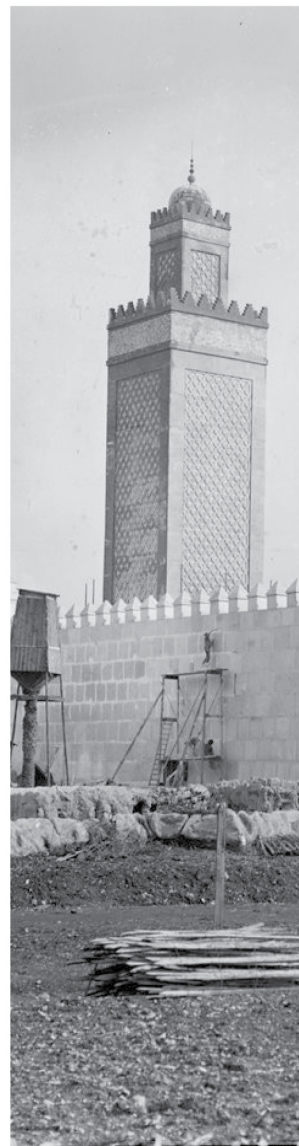
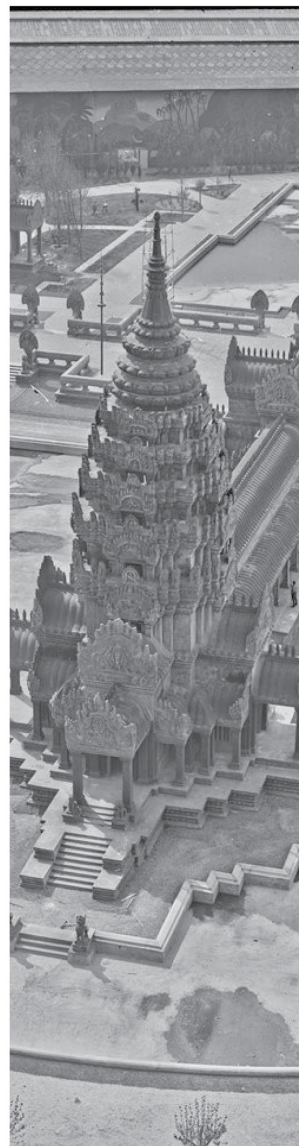




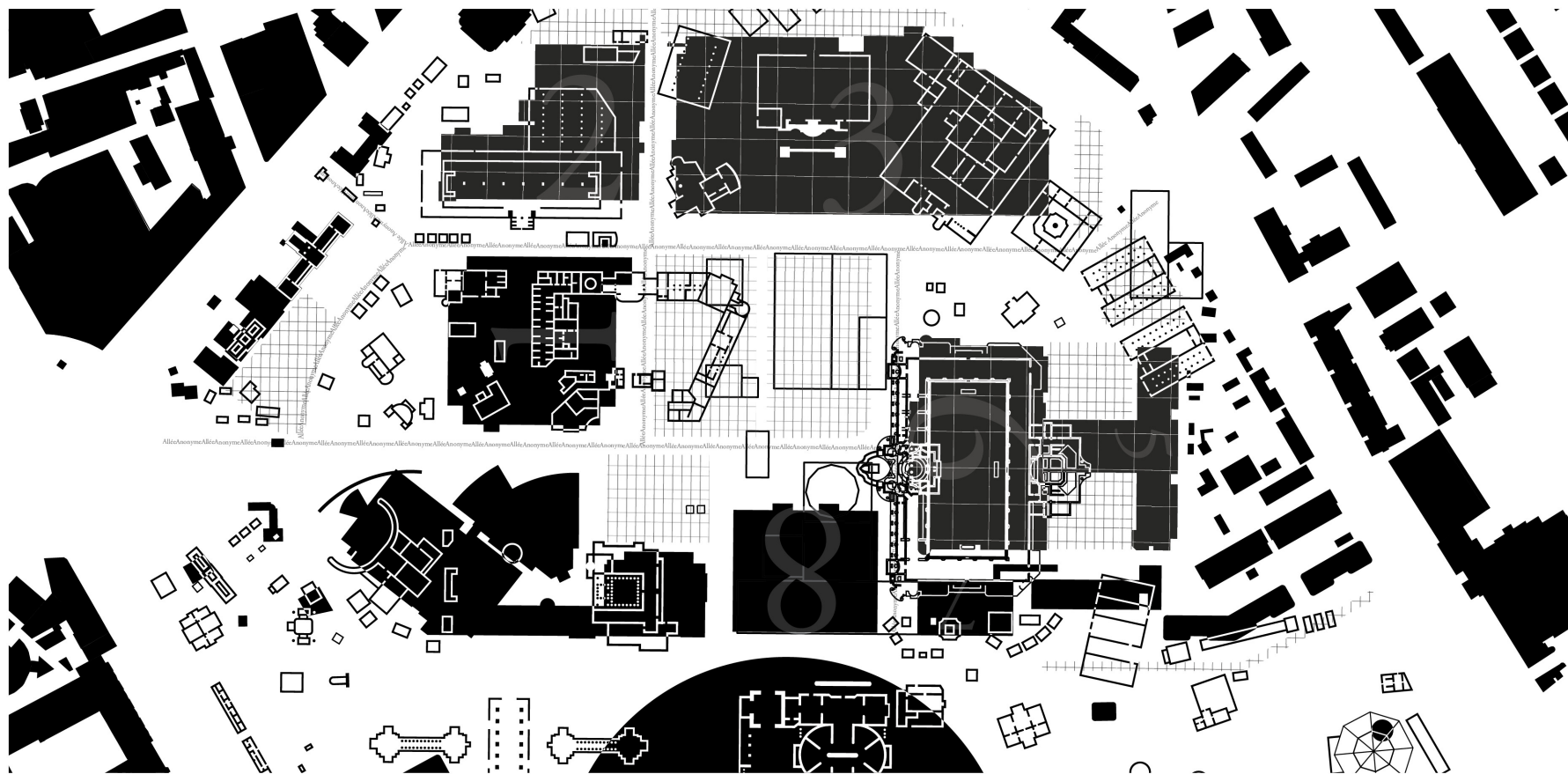
Marseille
Musée National des Colonies de Marseille



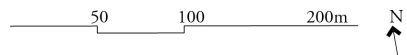
MARSEILLE. — Vue d



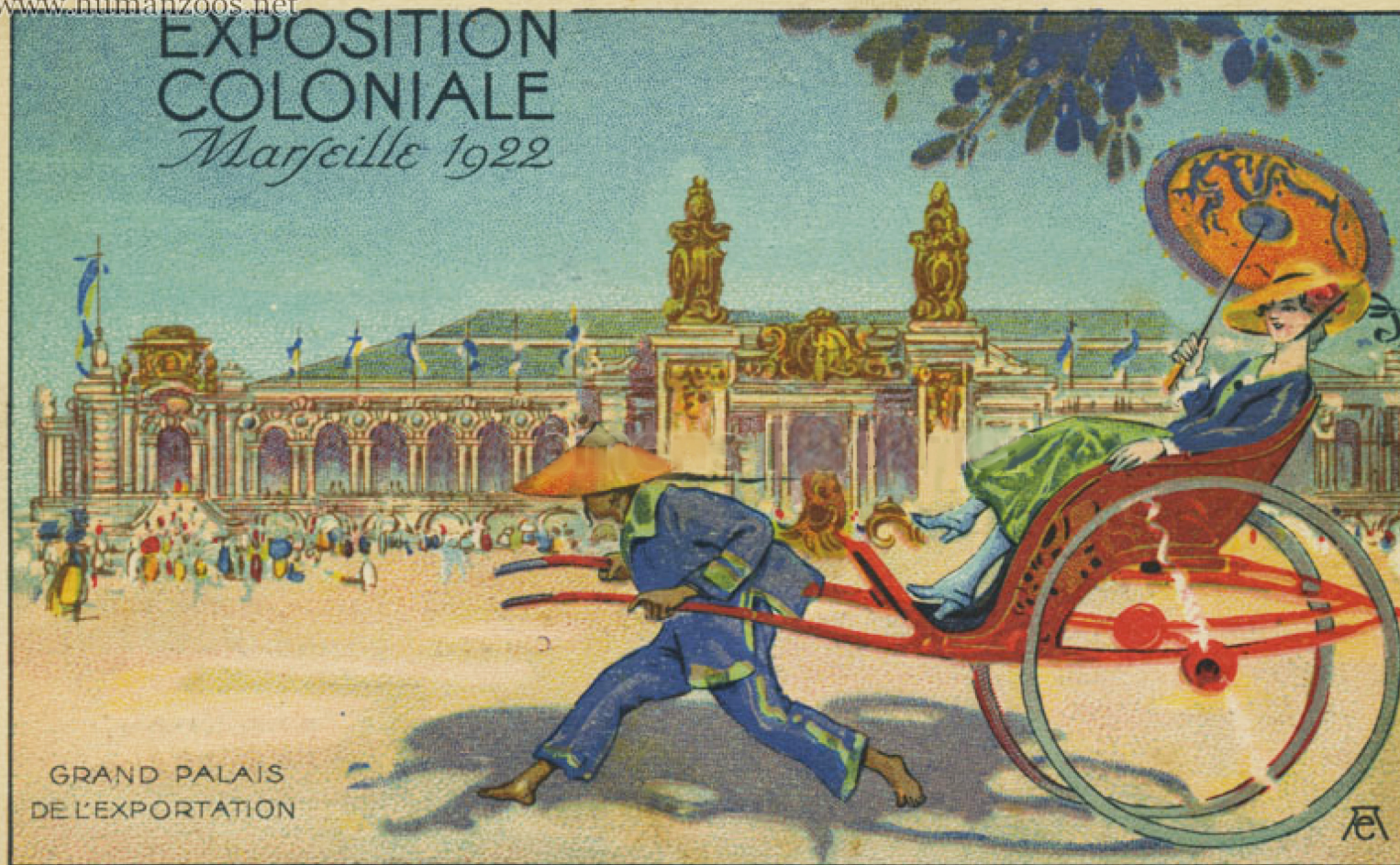




Palimpsestous Site Plan (1906-2021)



EXPOSITION COLONIALE *Marseille 1922*

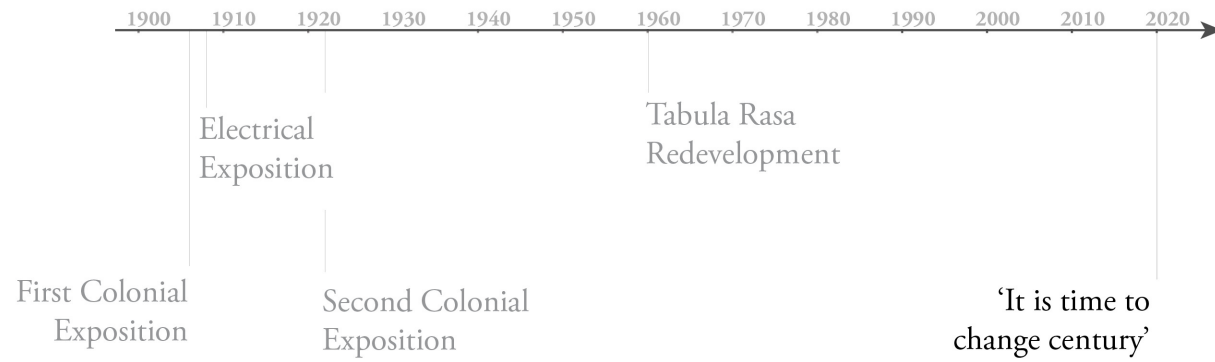


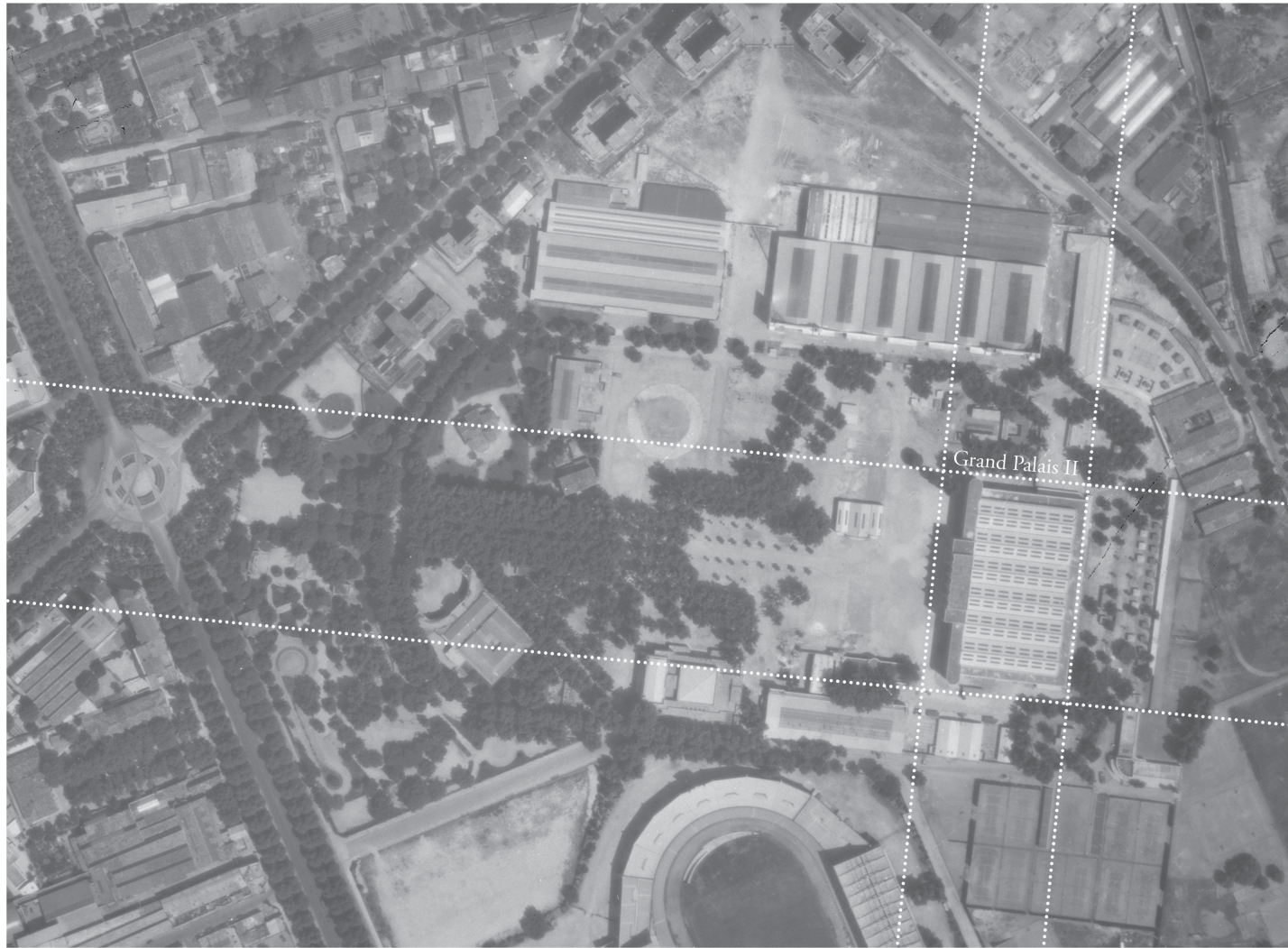
GRAND PALAIS
DE L'EXPORTATION

IMP. RÉGIONALE, 12 Rue St Jacques, MARSEILLE

Shady Heritage







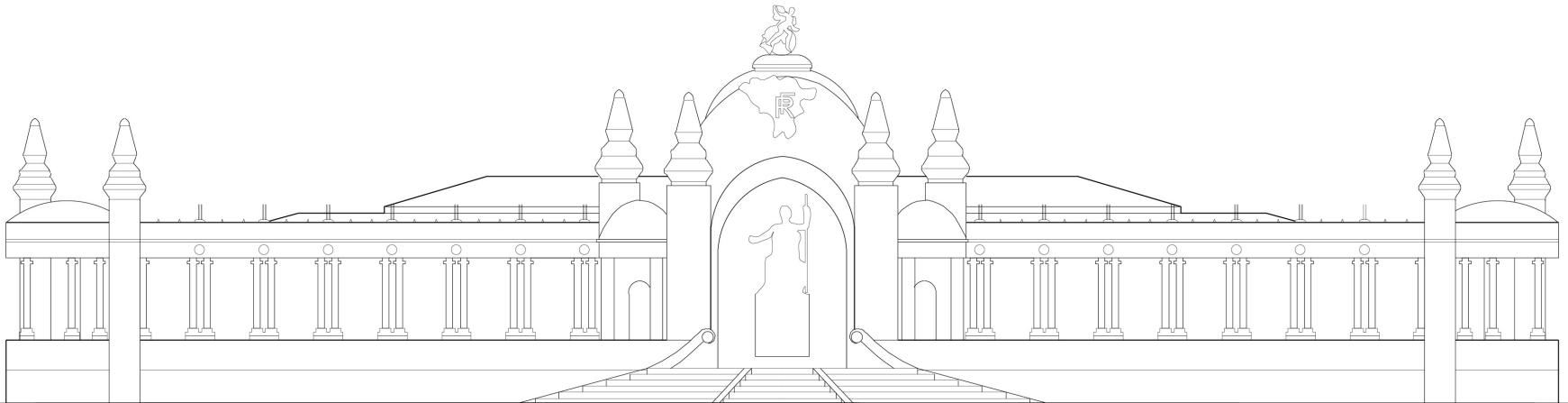
Aerial imagery, 1955



Aerial imagery, 1952

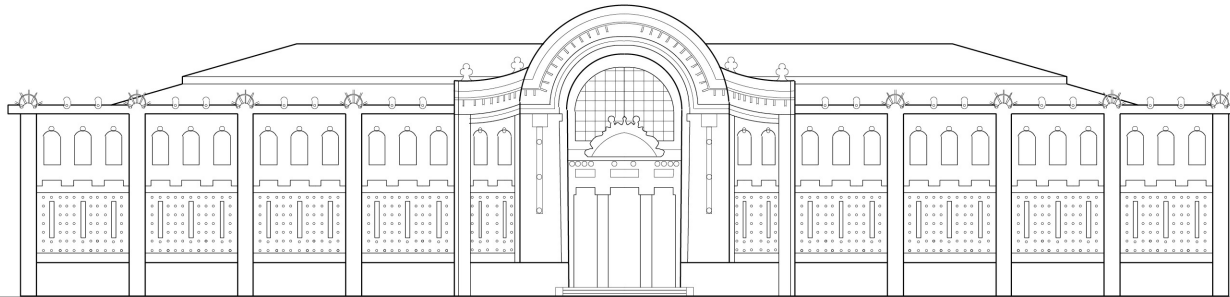
Le Grand Palais I

1906



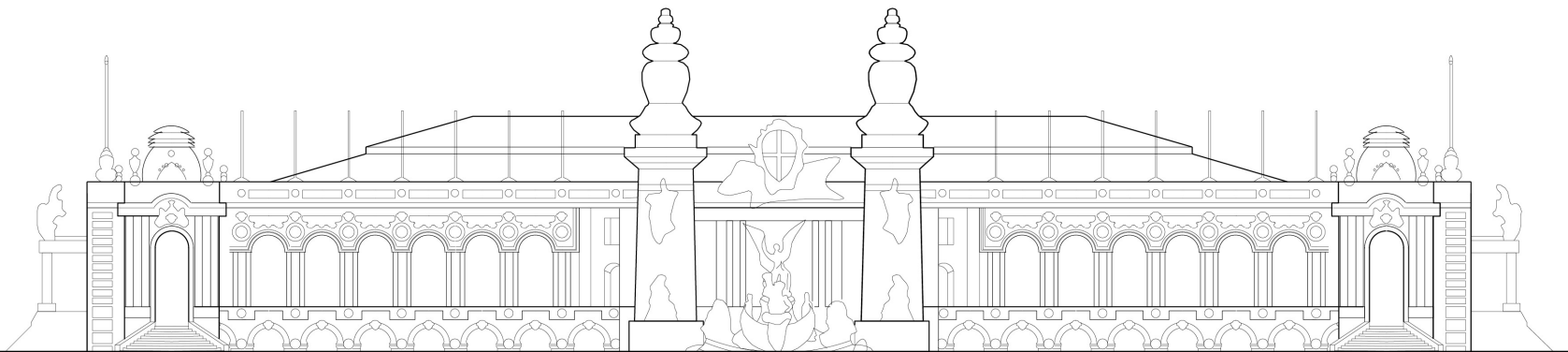
Le Grand Palais I

1908



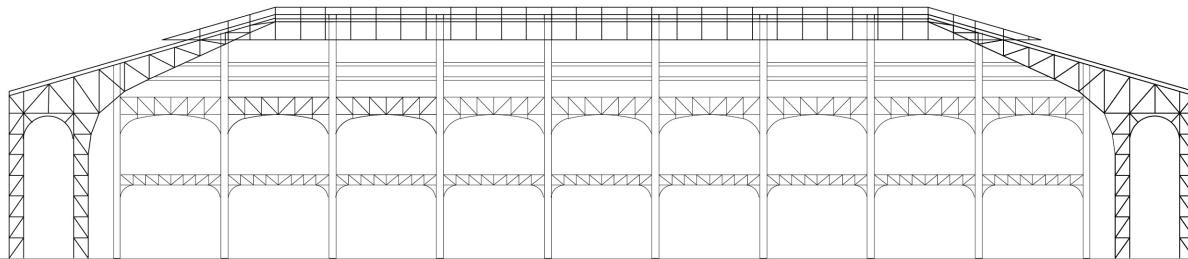
Le Grand Palais I

1922



Le Grand Palais I

2000 - Arles Site 1



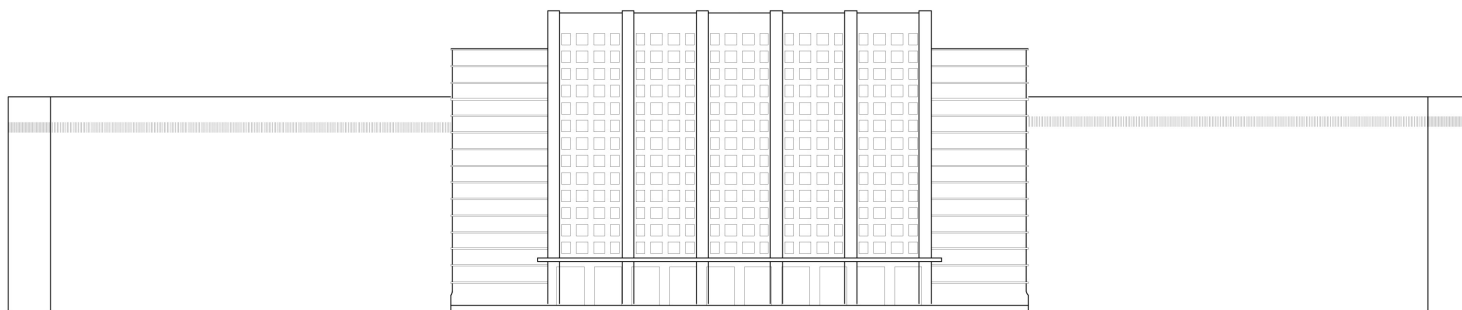
Le Grand Palais I

2020 - Arles Site 2



Le Grand Palais II

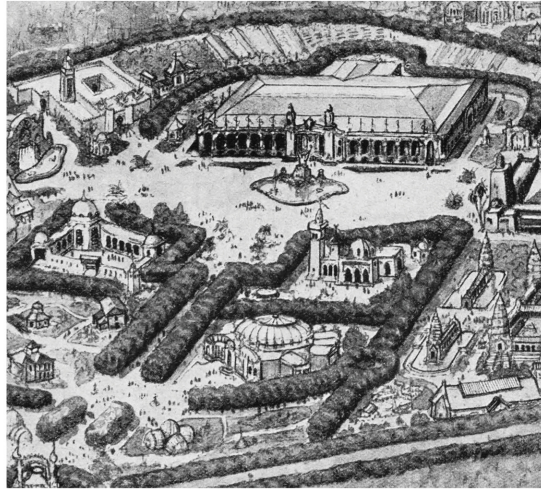
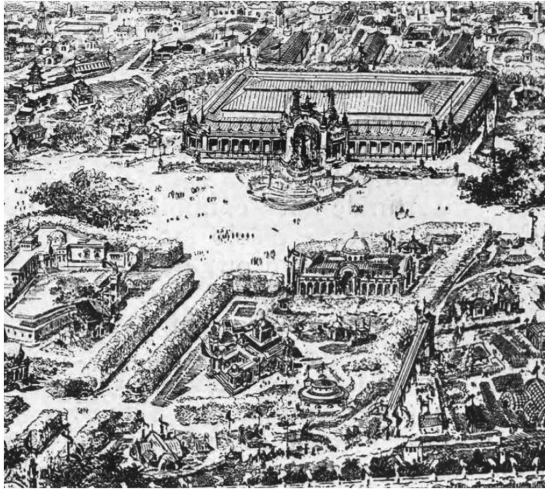
2020



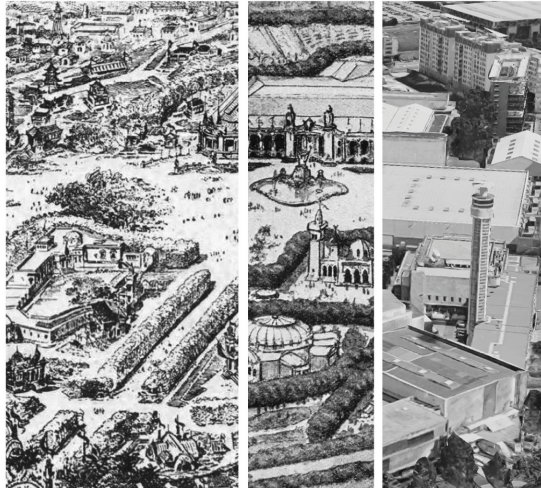
Trauma

Intervention

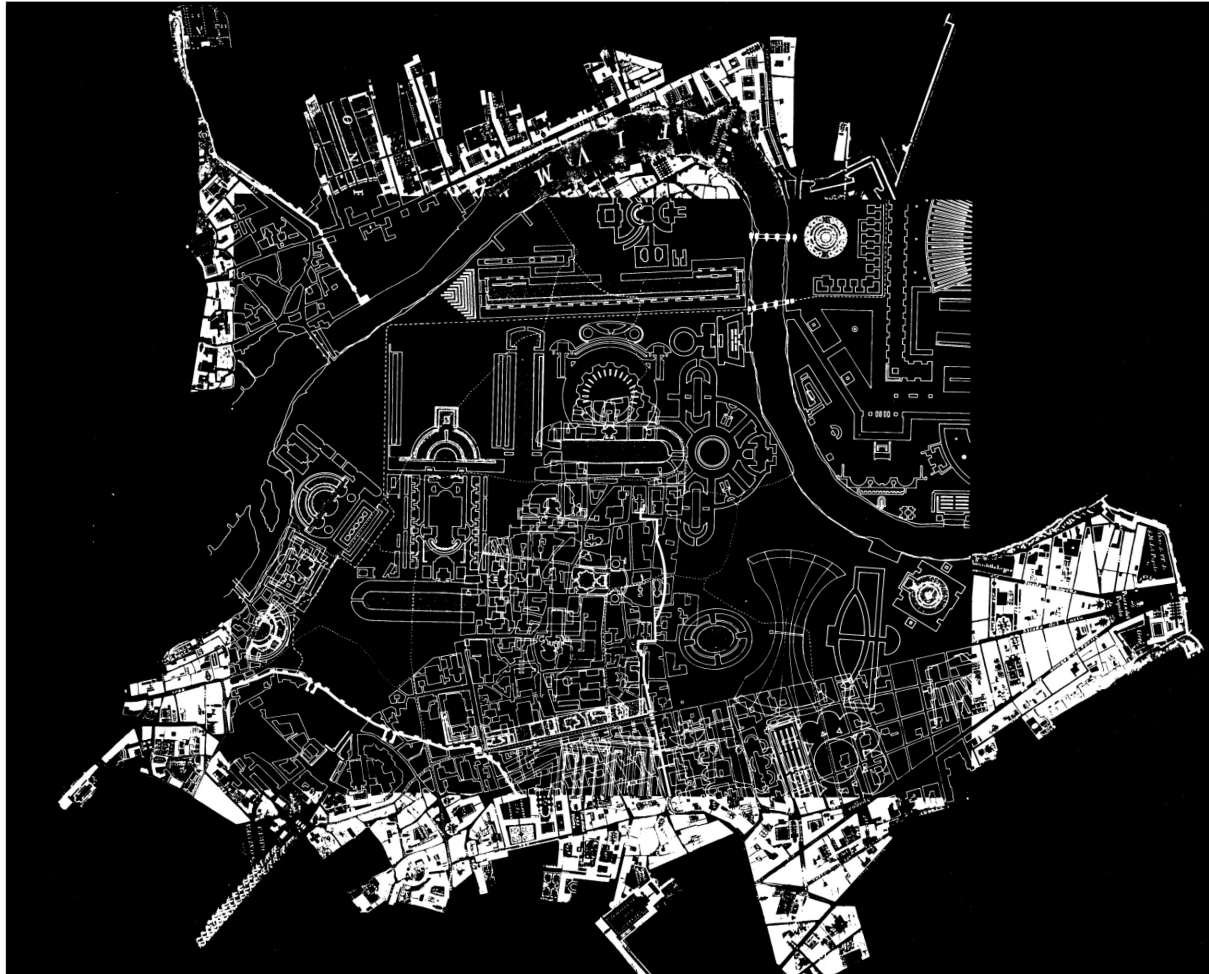
Catharsis



Le Grand Palais des Histoires



Principle 1: Uchronia



Piranesi, Campo Marzio.

Principle 2: Détournement

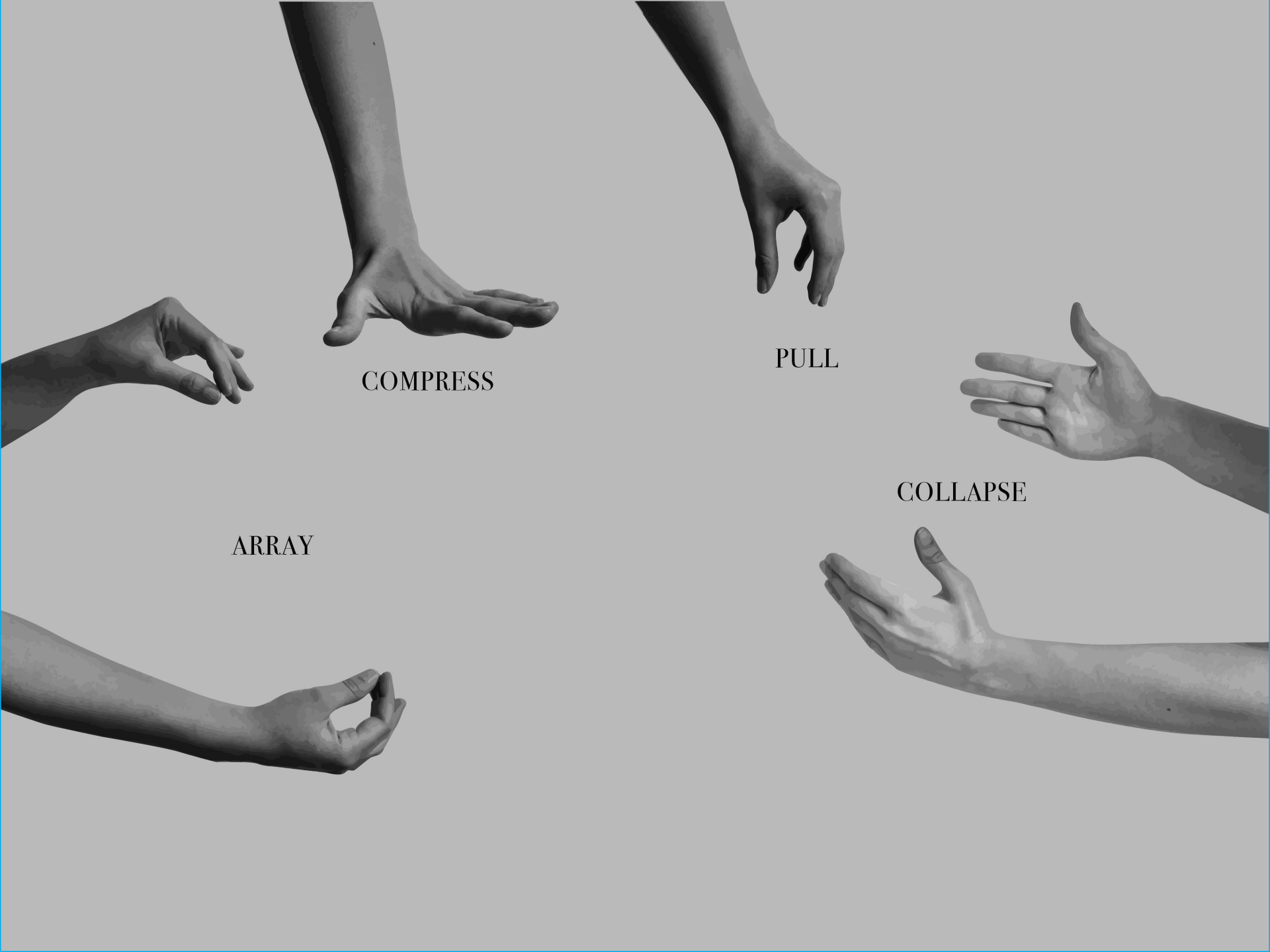


Picasso, Pablo. 1942. Bike saddle and handle bars made into a Bull's Head.

Trauma

Intervention

Catharsis

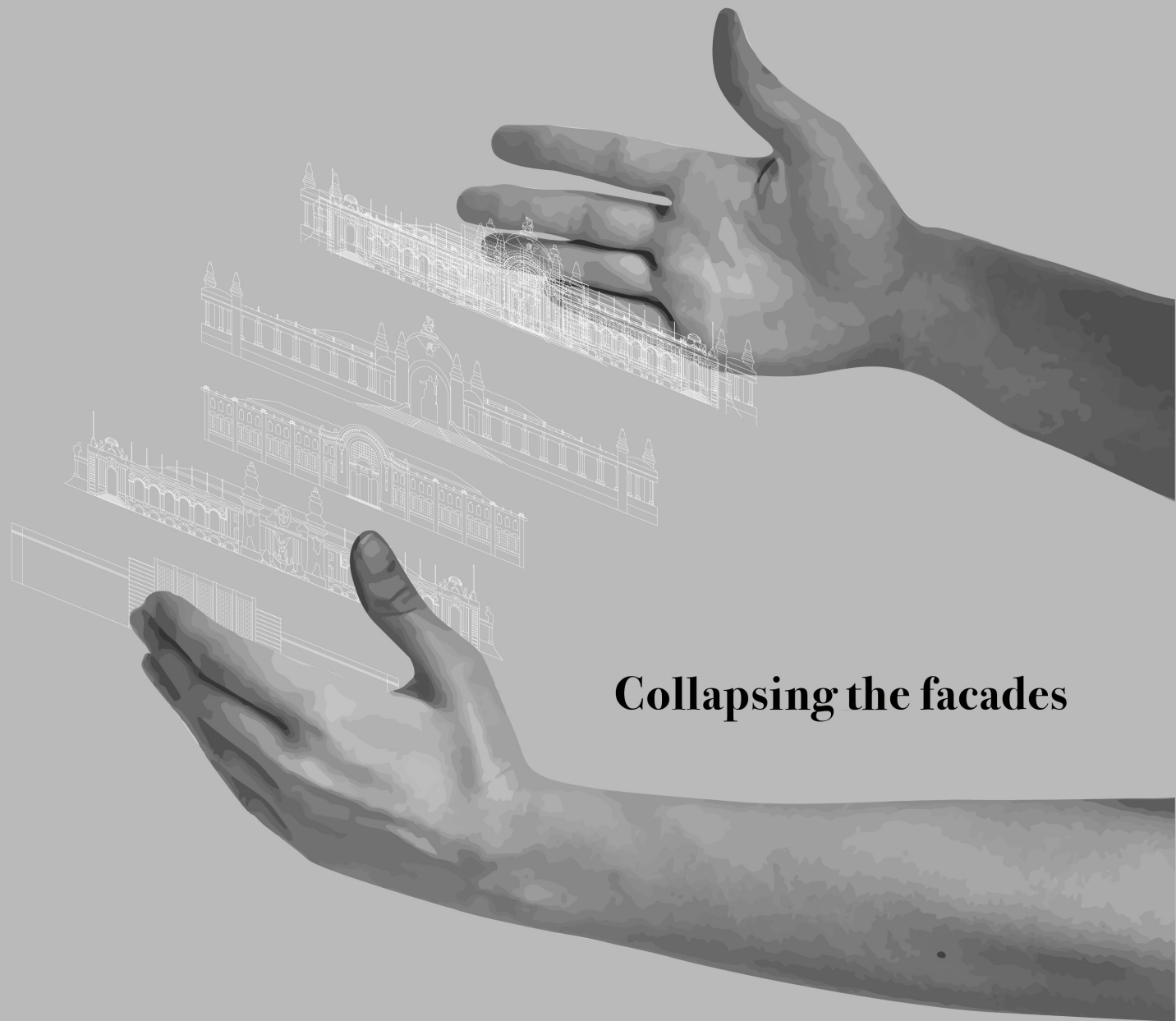


COMPRESS

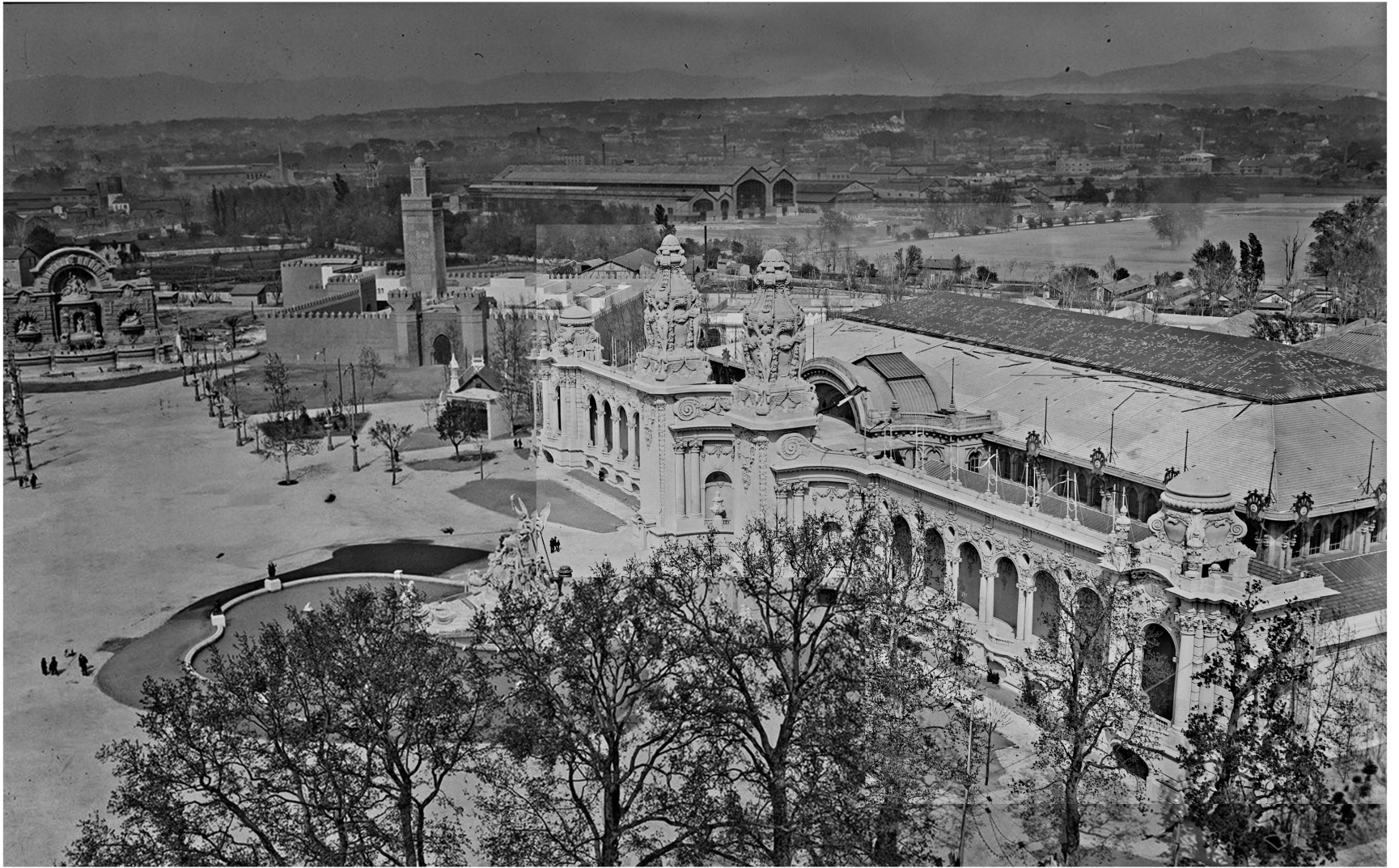
PULL

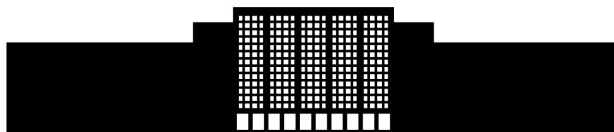
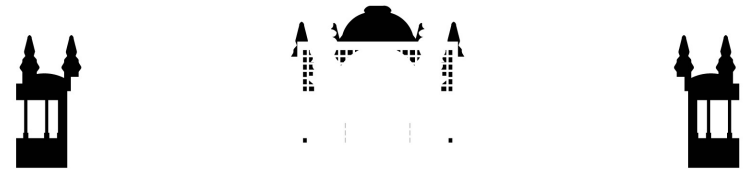
COLLAPSE

ARRAY



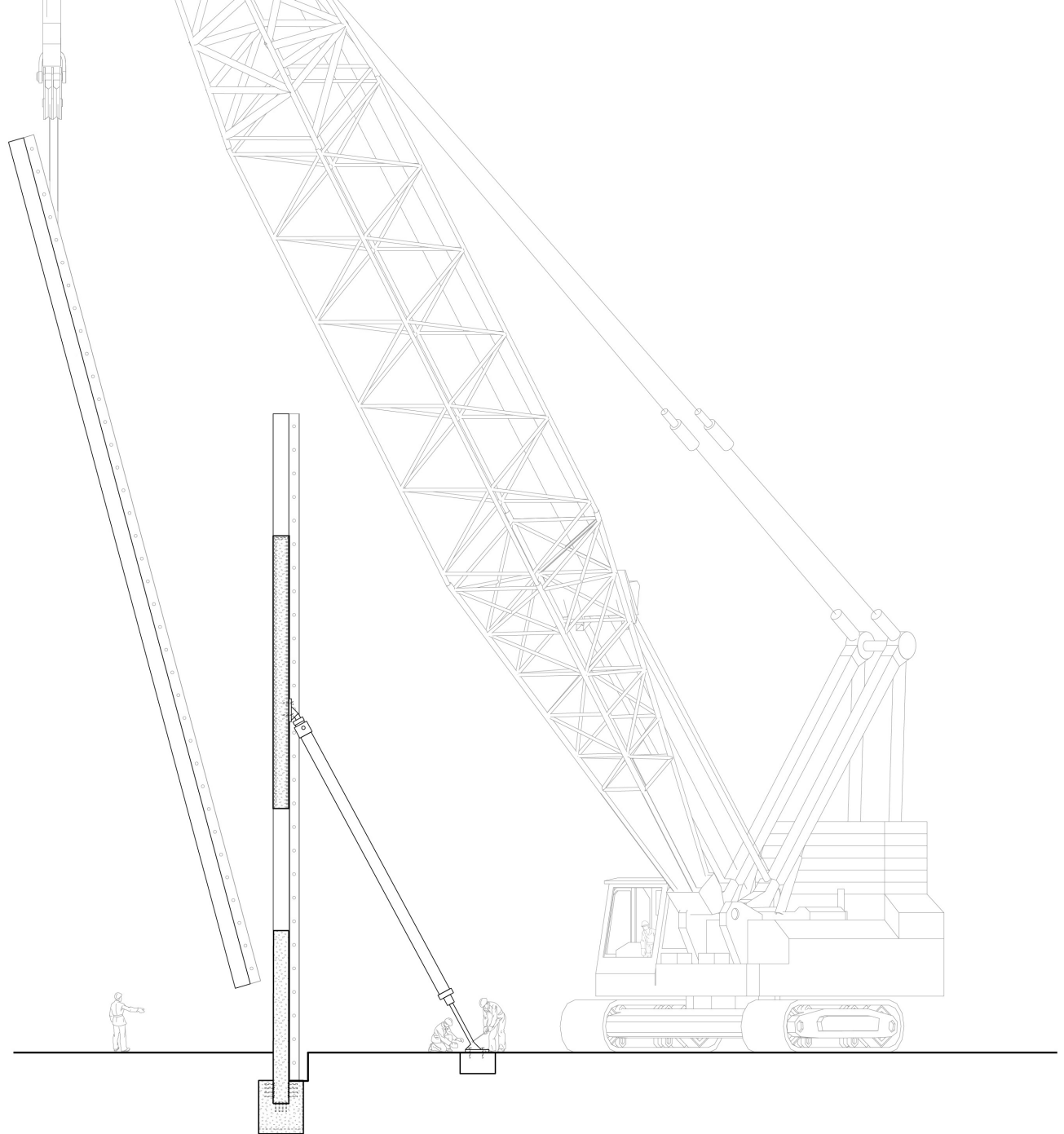
Collapsing the facades











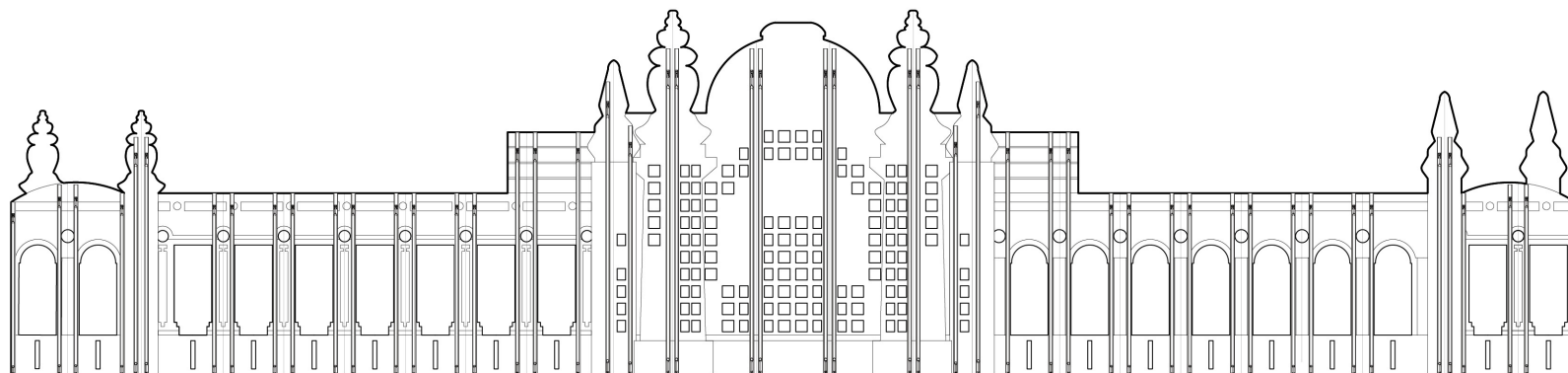
Tilt-up Facade
1:20 Detail

1 2 5m



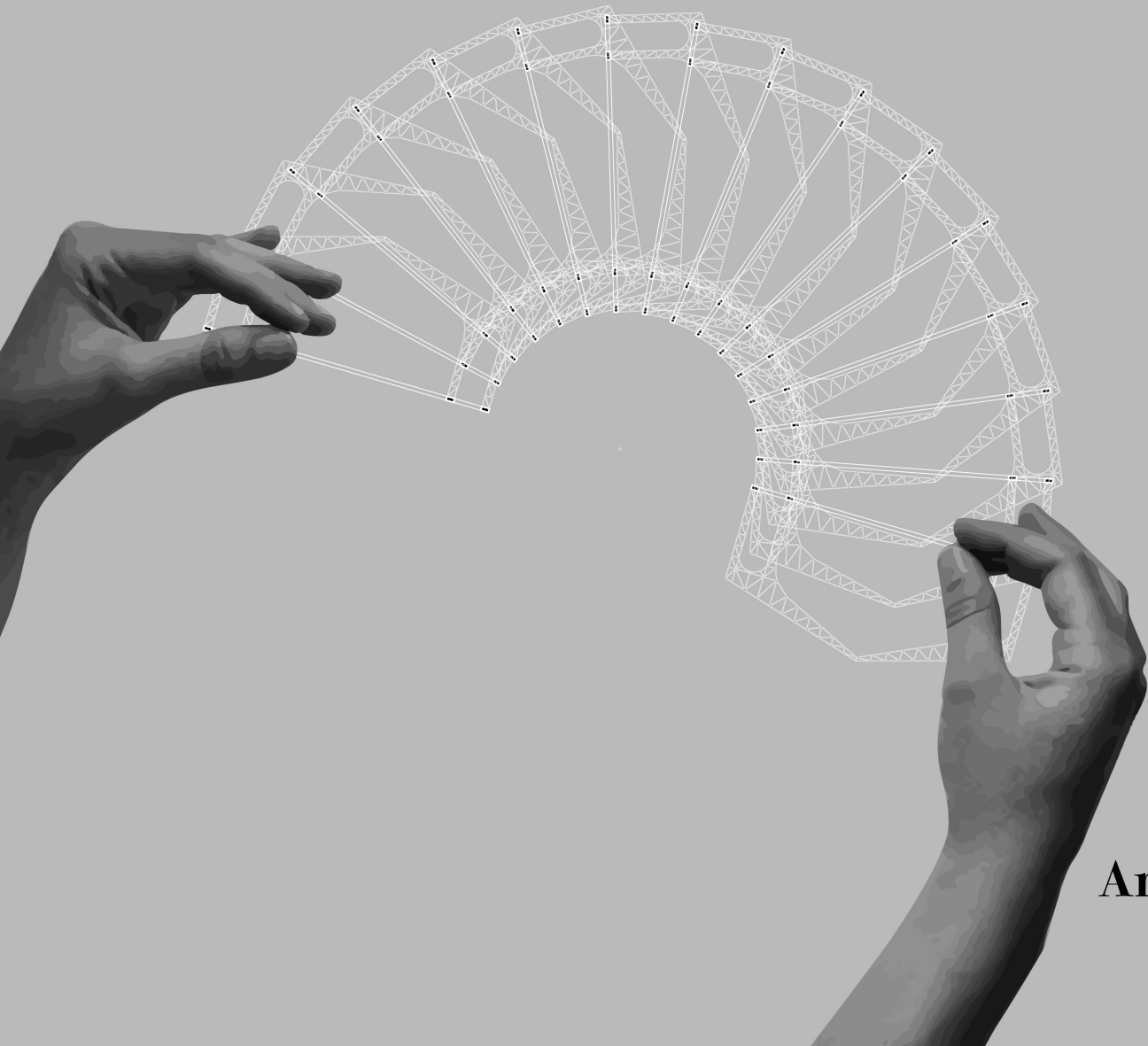
Le Grand Palais des Histoires

Behind the Scene



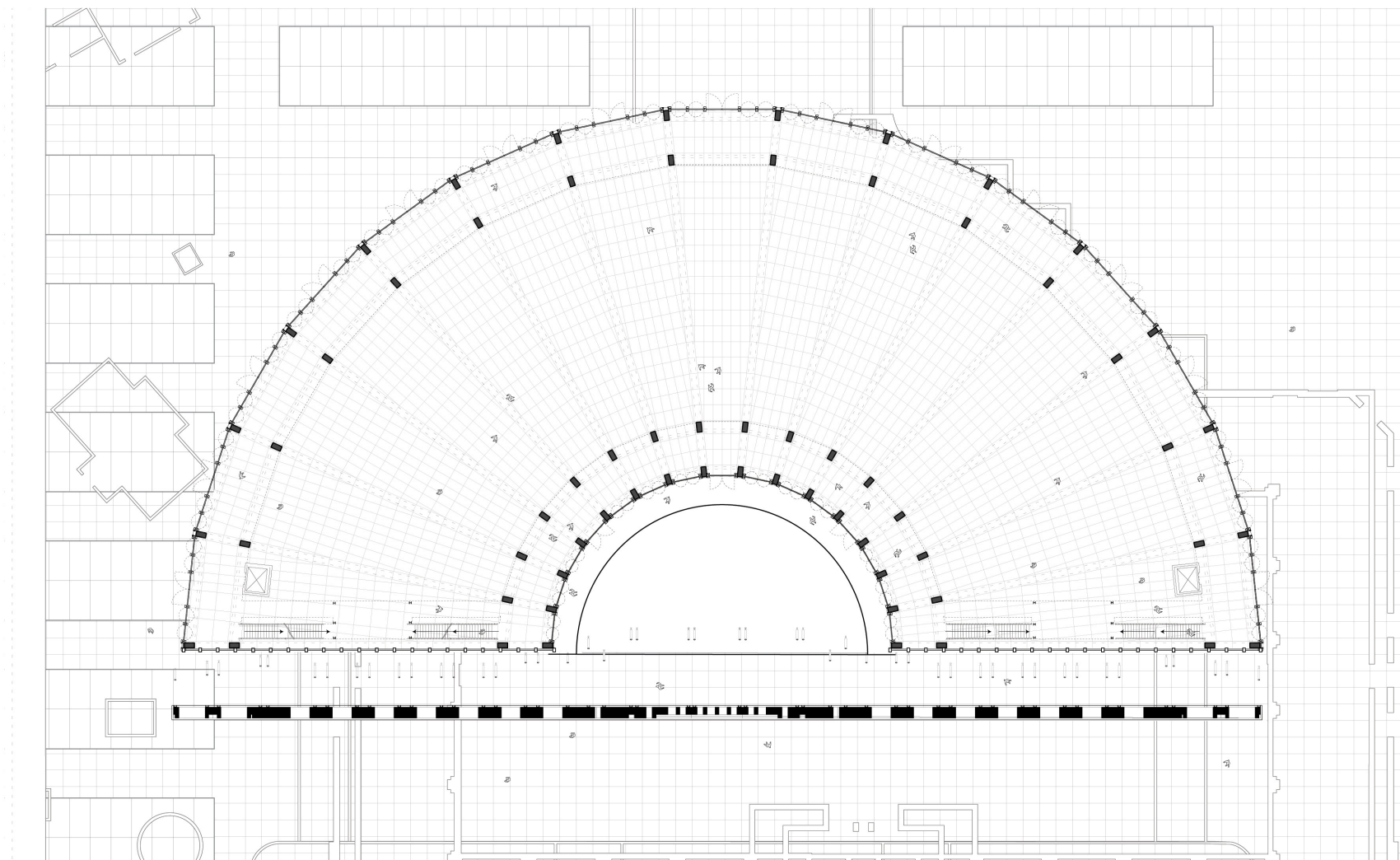
Back Facade

1 2 5 10m



Arraying the framework

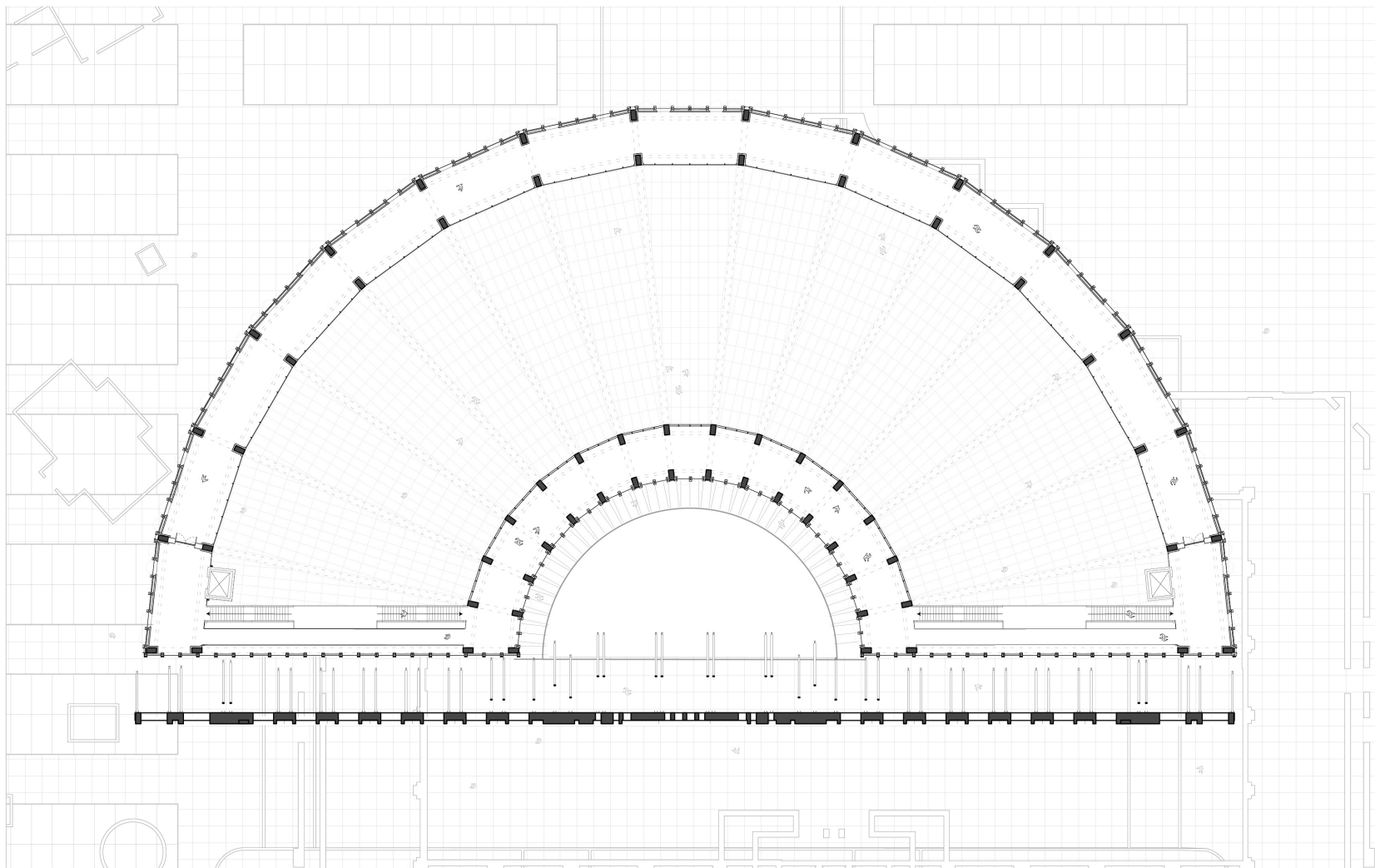




Framework
Ground Floor Plan

1 2 5 10m



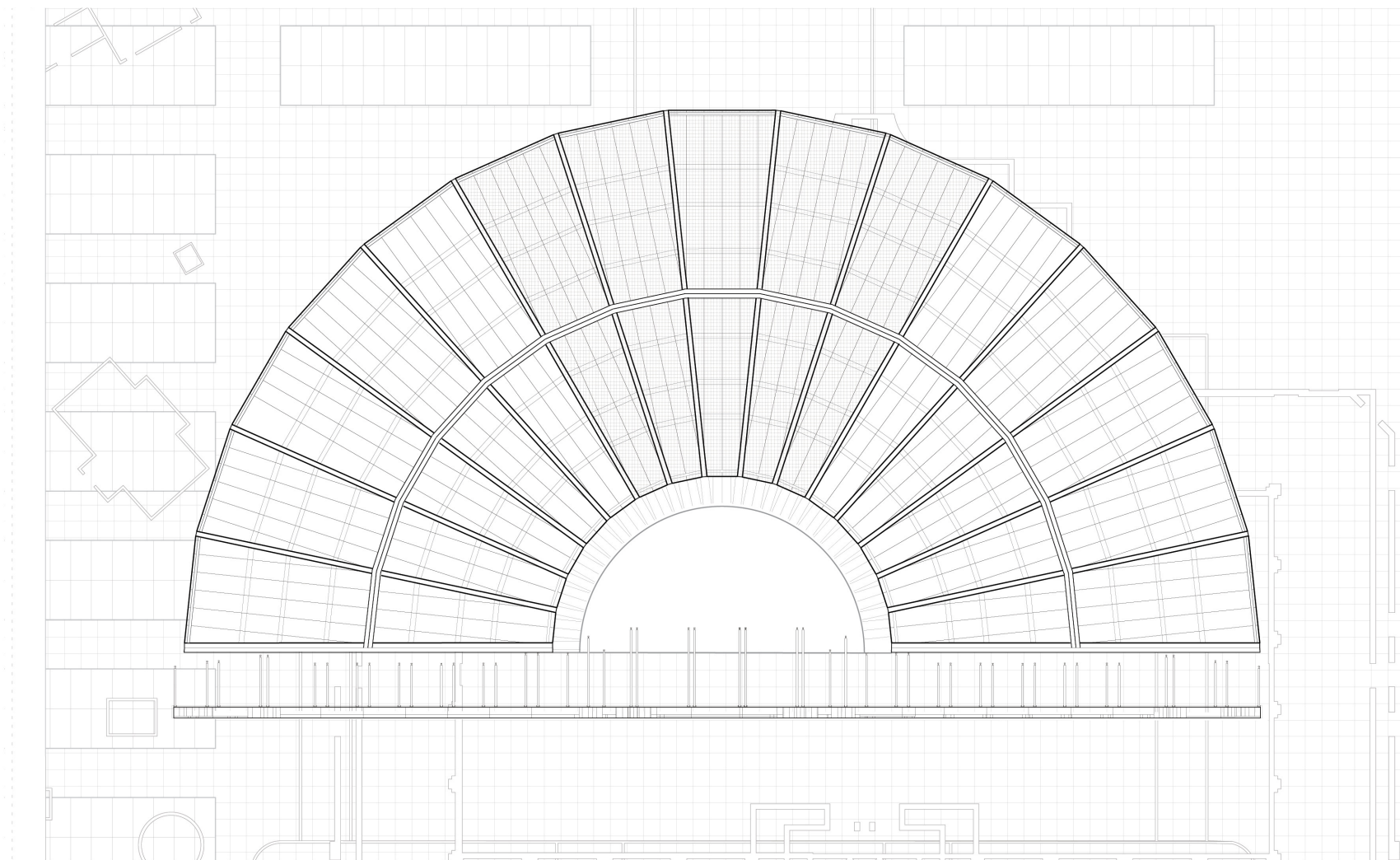


Framework
Mezzanine Floor Plan

1 2 5 10m



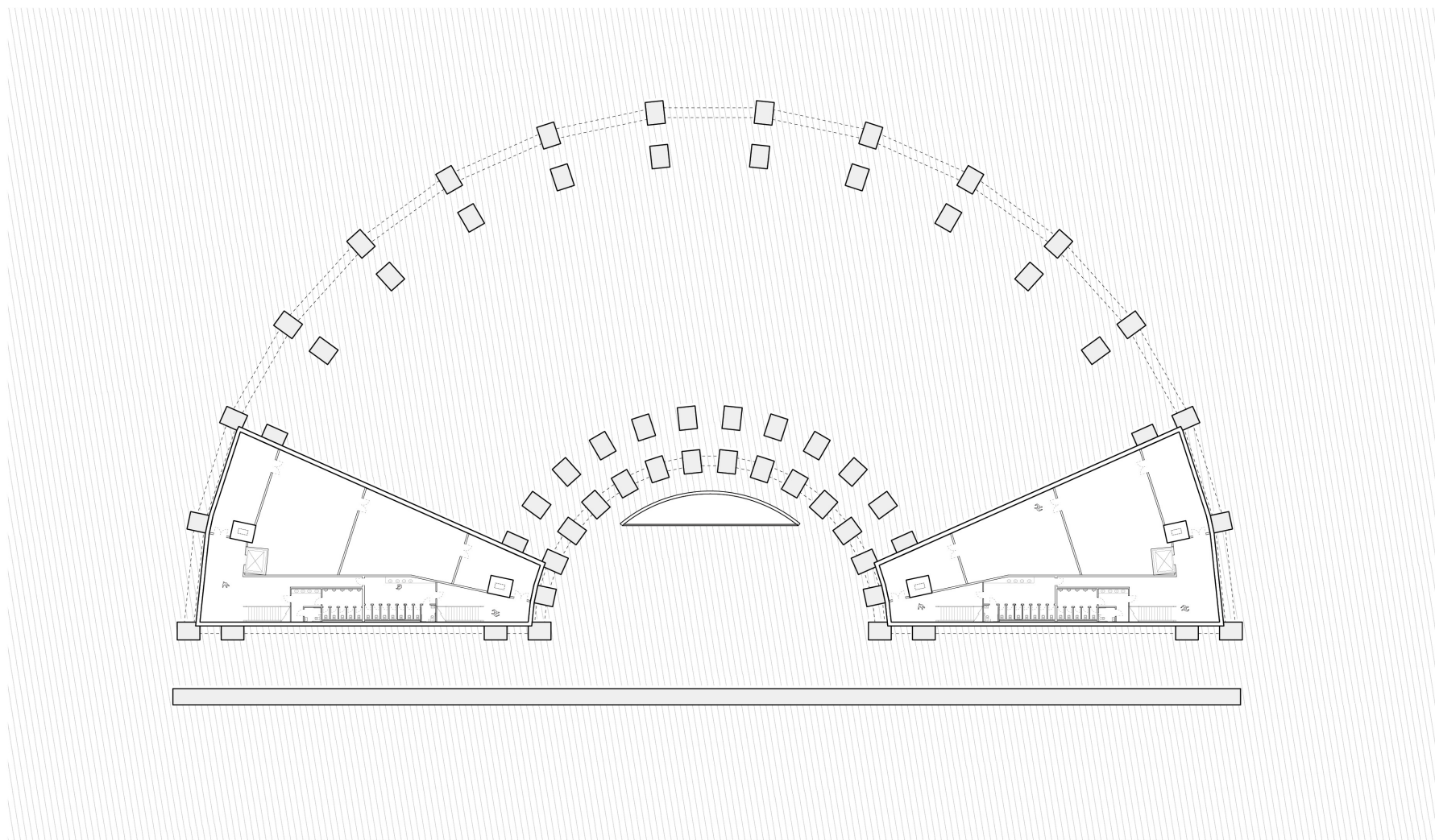




Framework
Roof Plan

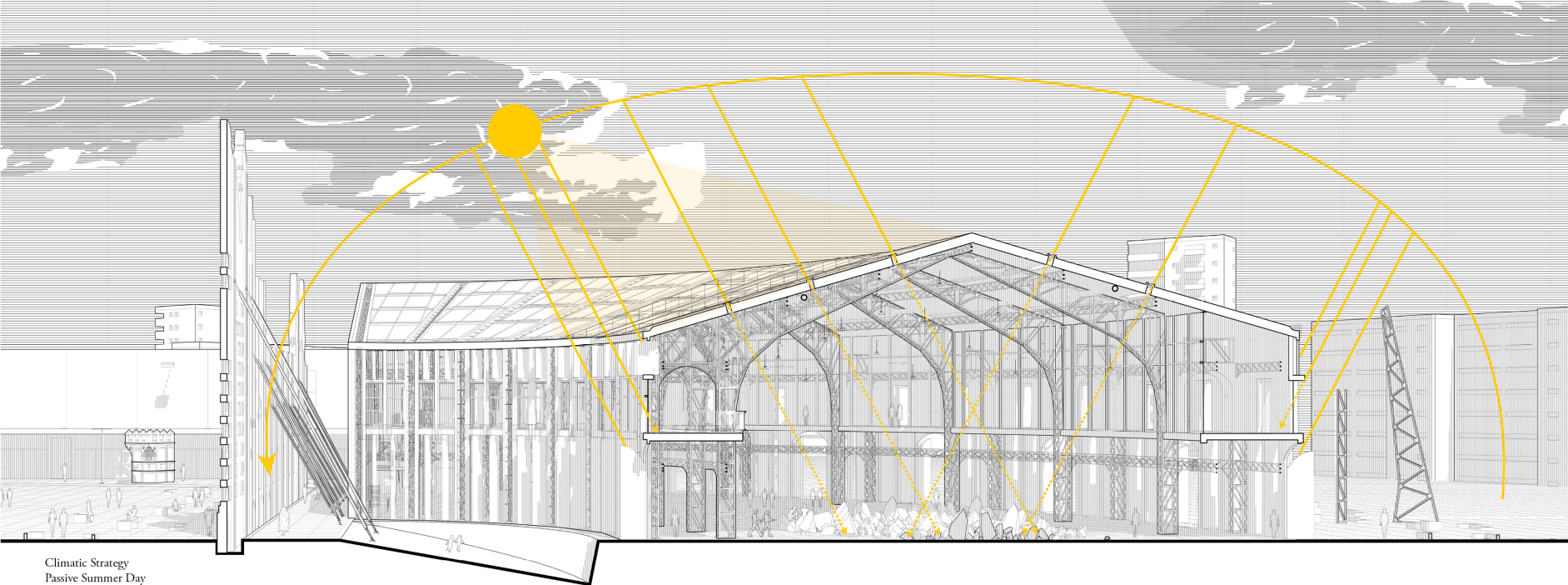
1 2 5 10m



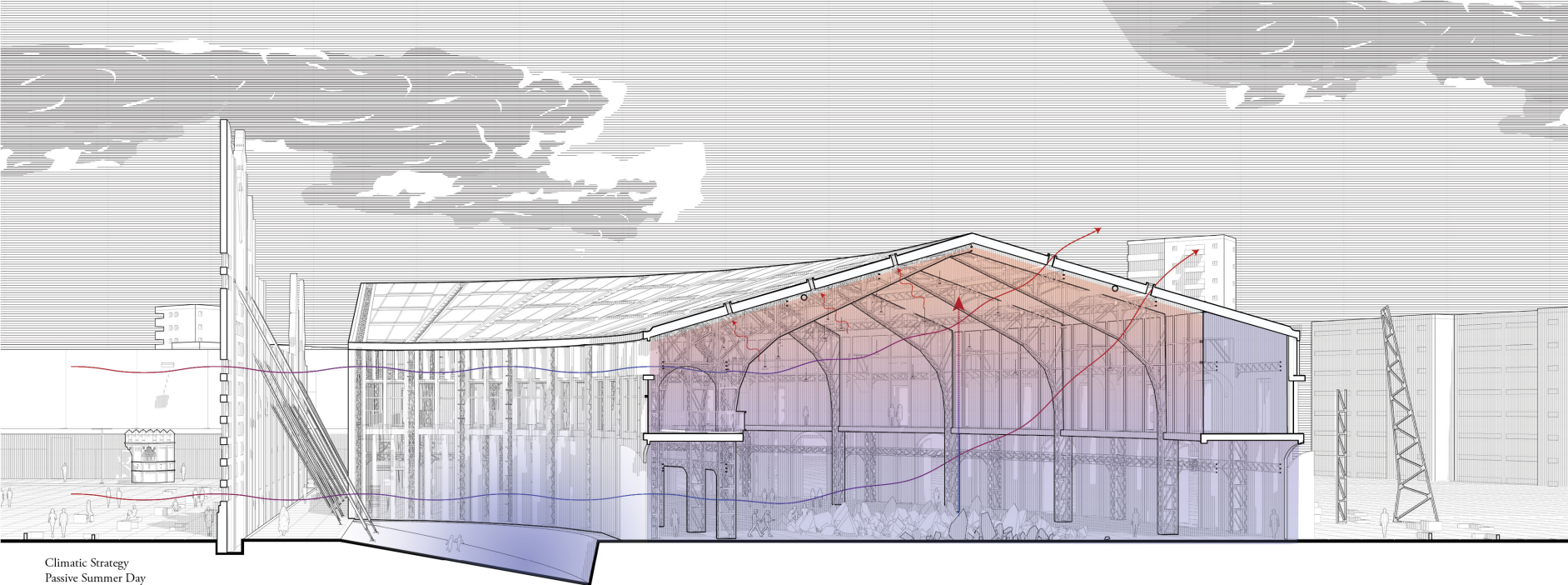




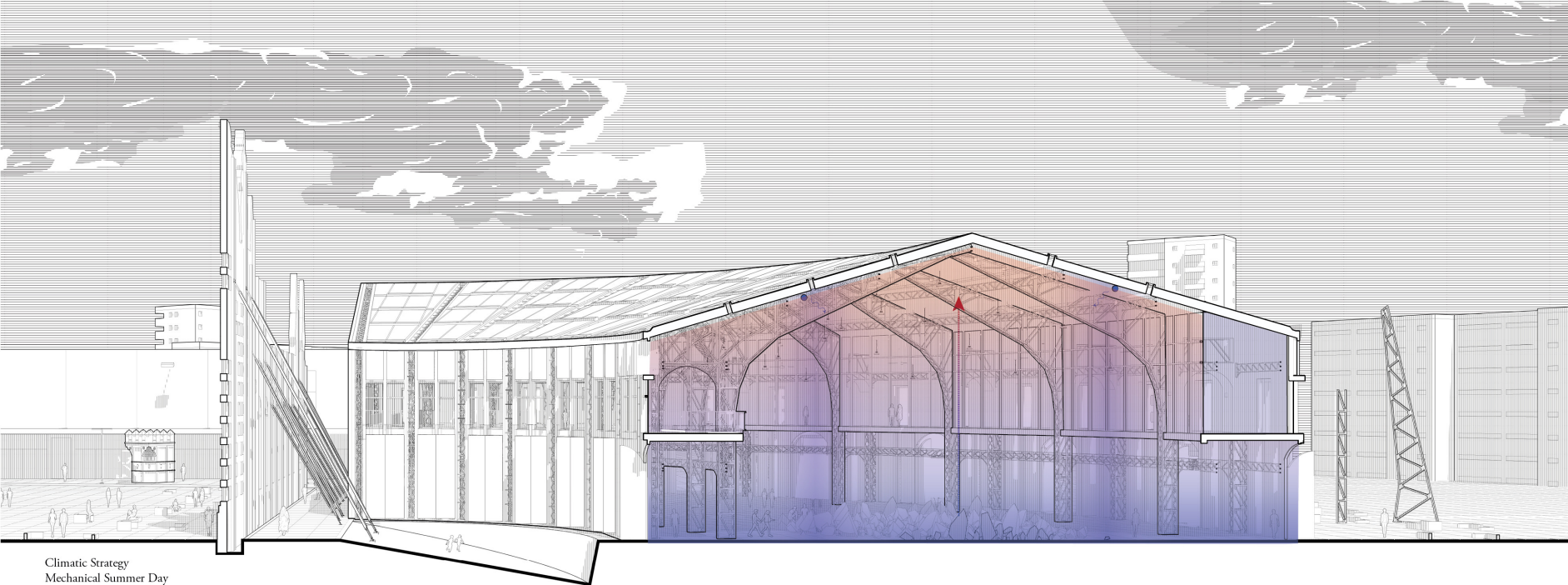
Cross Section of the Framework



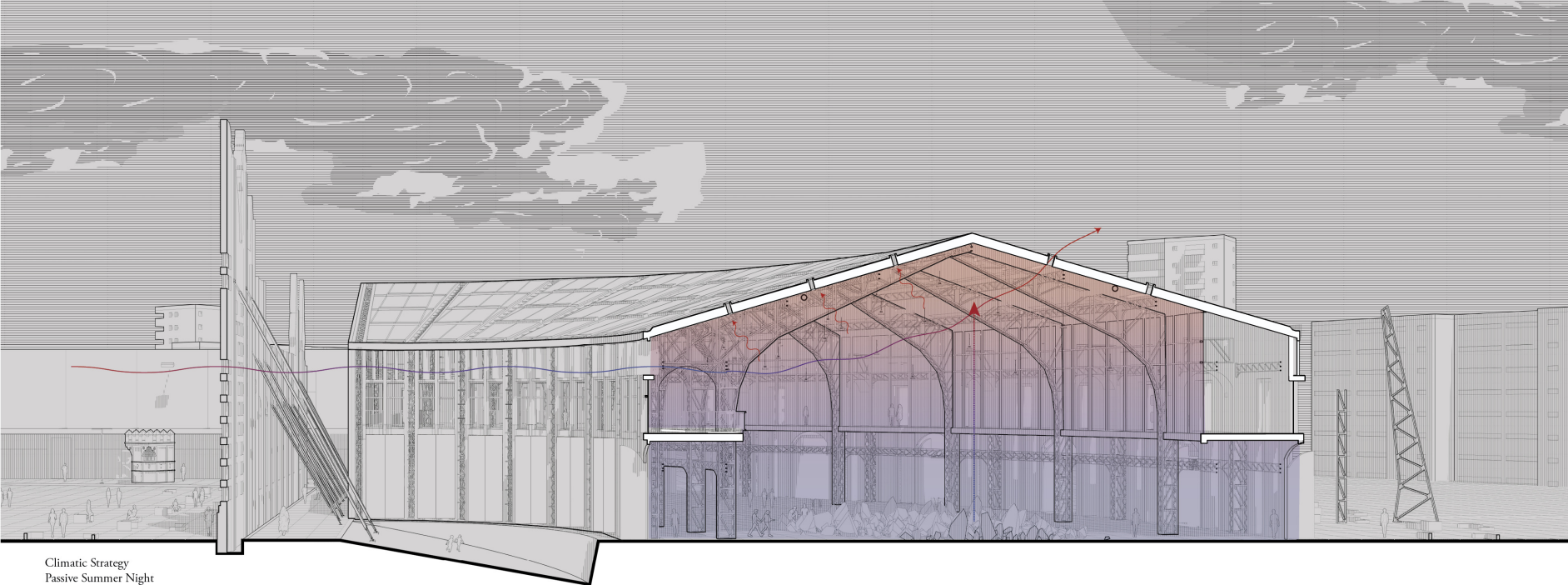
Climatic Strategy
Passive Summer Day



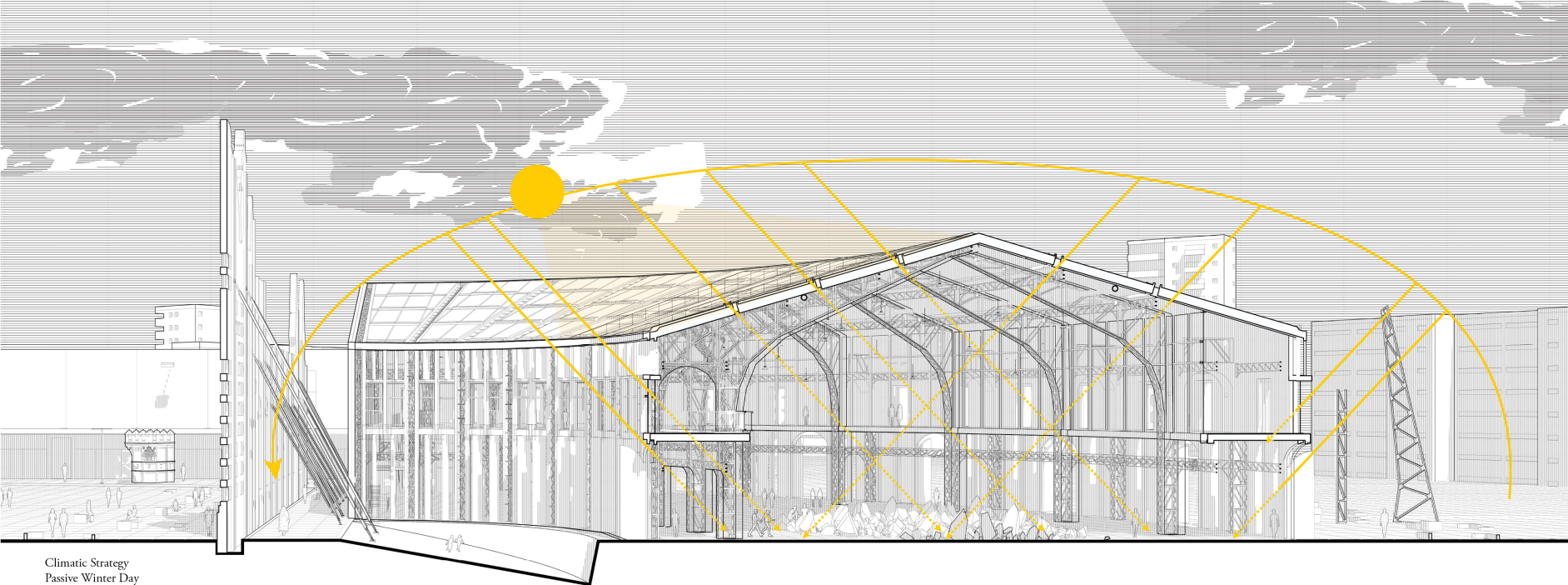
Climatic Strategy
Passive Summer Day



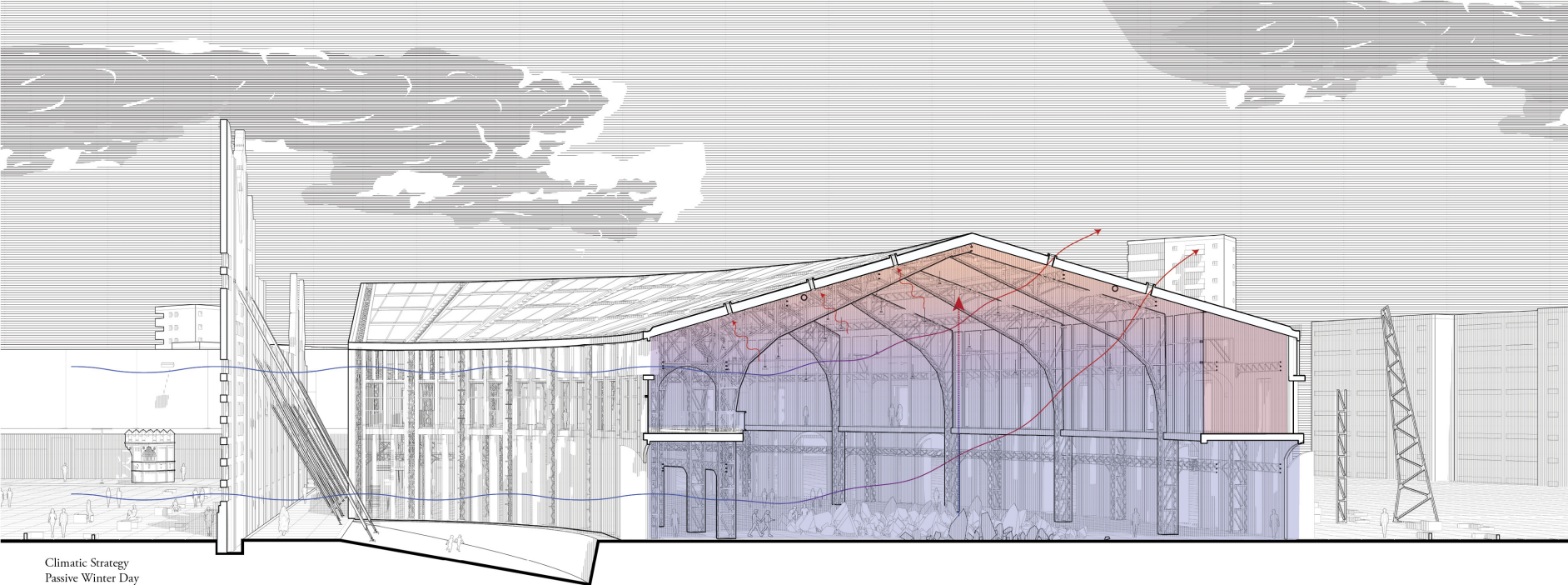
Climatic Strategy
Mechanical Summer Day



Climatic Strategy
Passive Summer Night



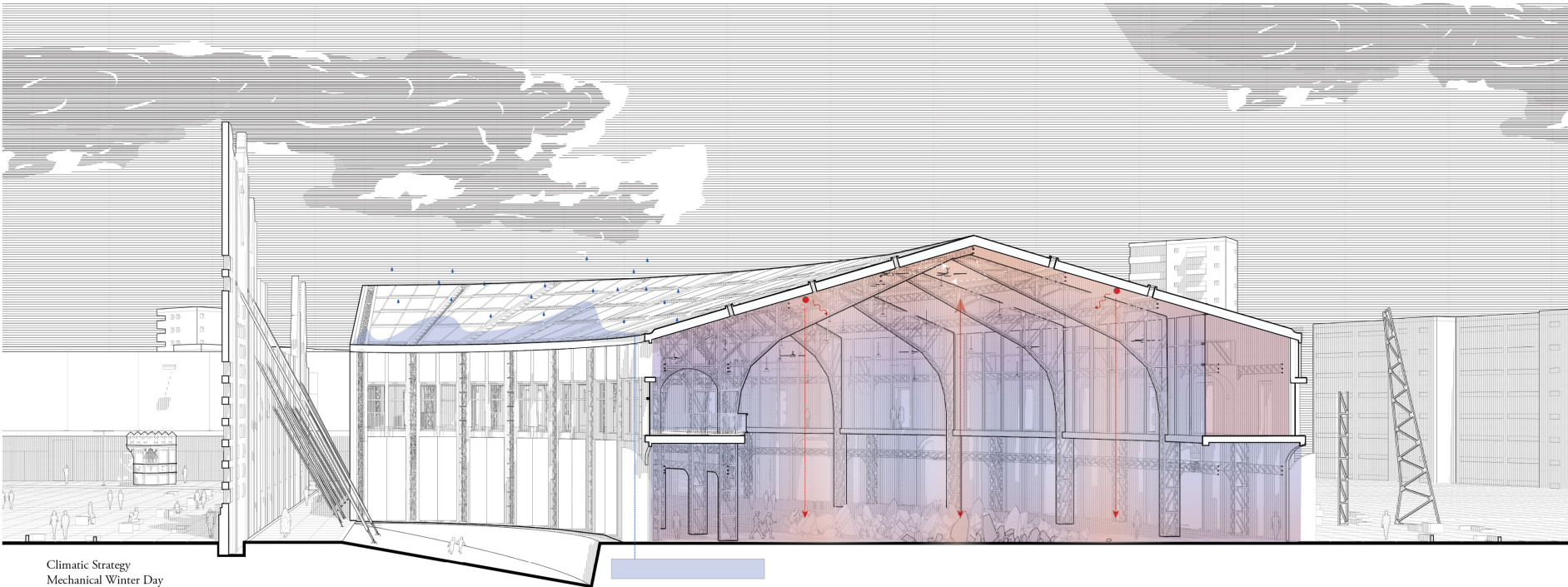
Climatic Strategy
Passive Winter Day



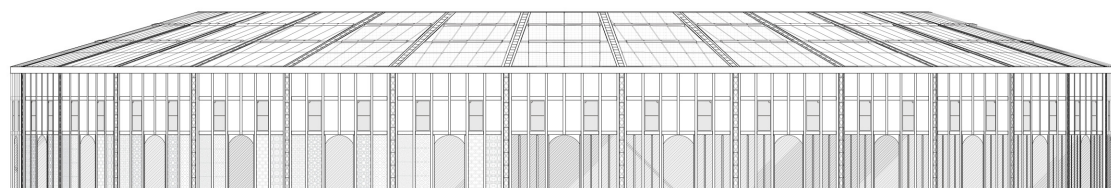
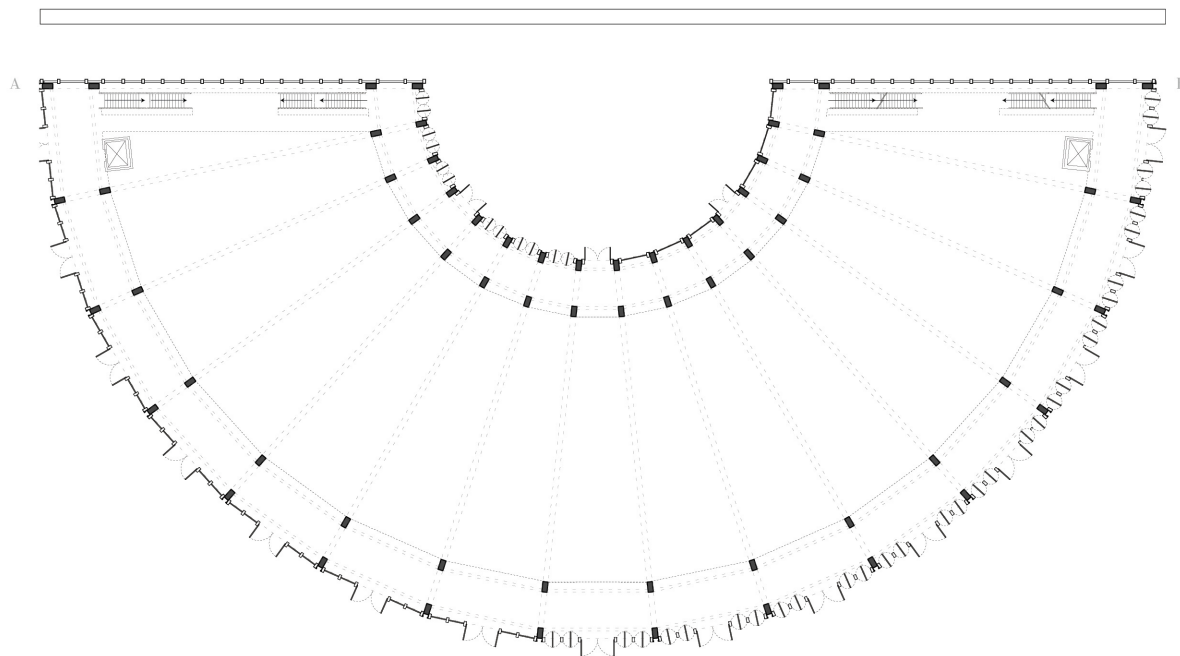
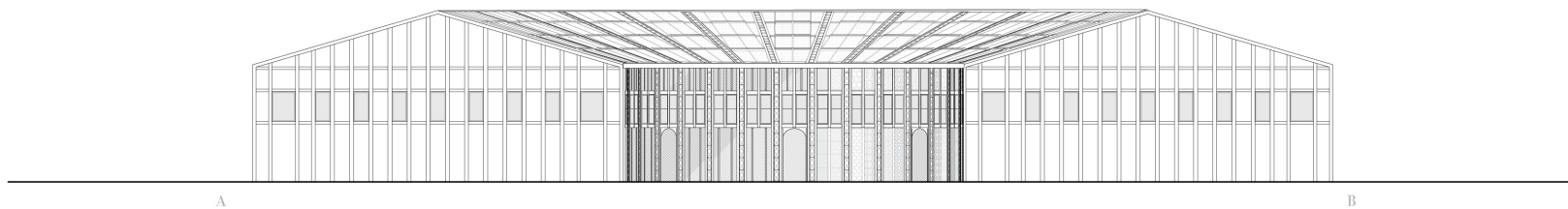
Climatic Strategy
Passive Winter Day

Climatic Strategy

Cold Winter Day



Climatic Strategy
Mechanical Winter Day



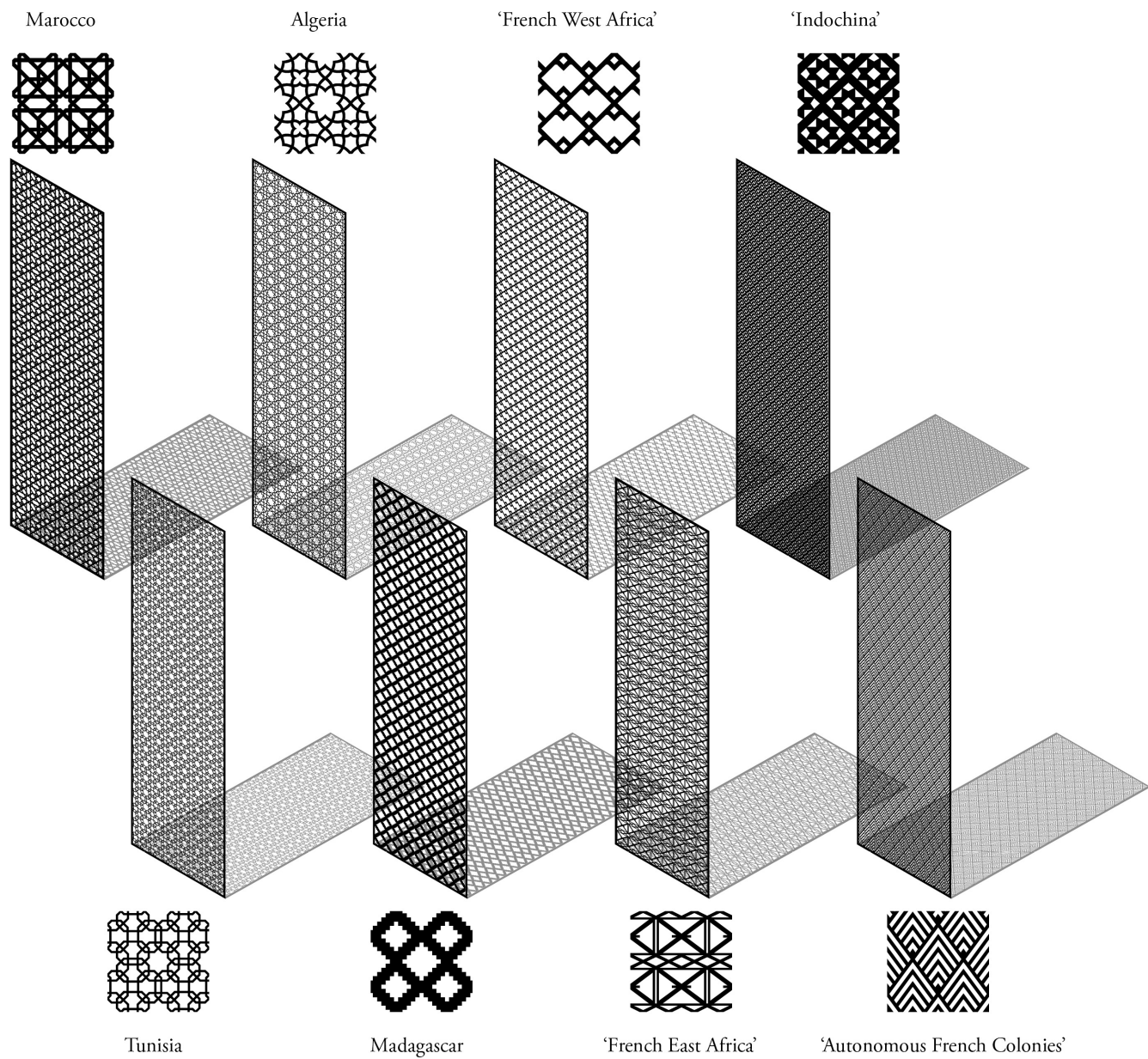
Framework Skin on a hot summer day, 11:00

1 2 5 10m



A

B



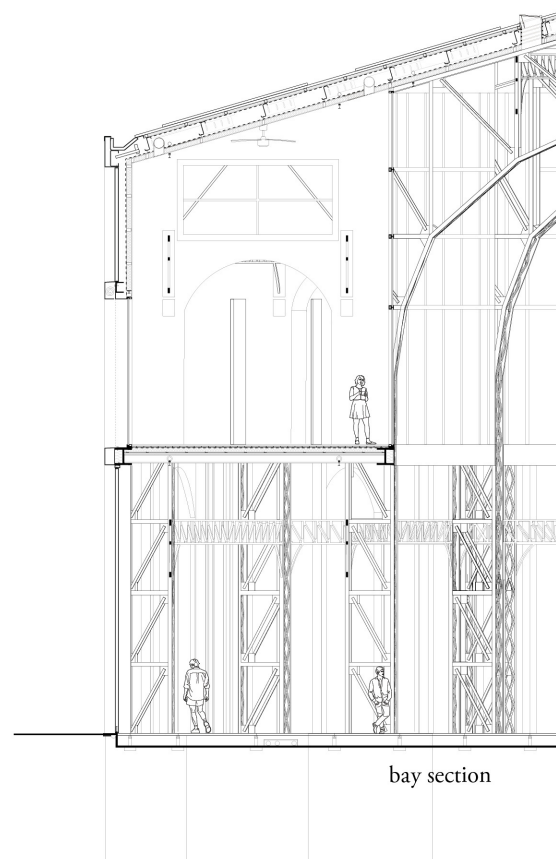


summer

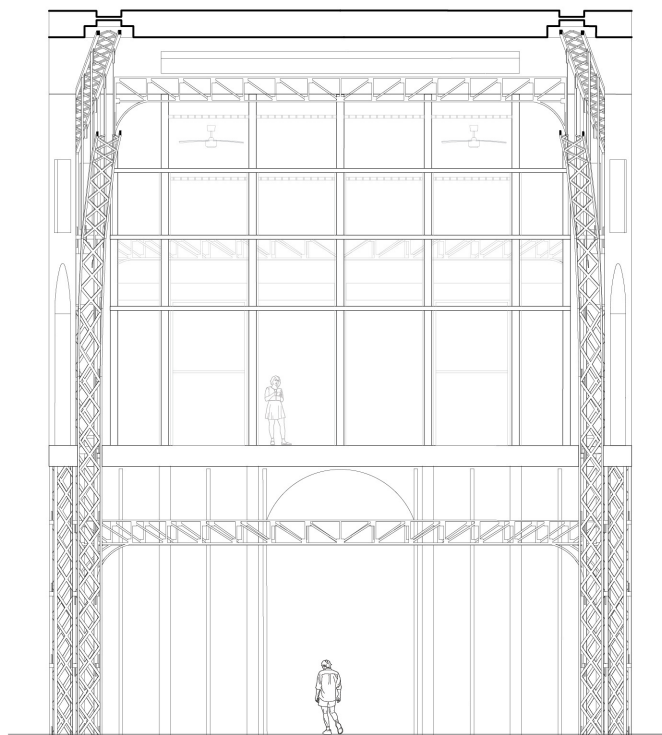
bay elevation
winter, + 2 years

1:20 Detail of Framework Skin

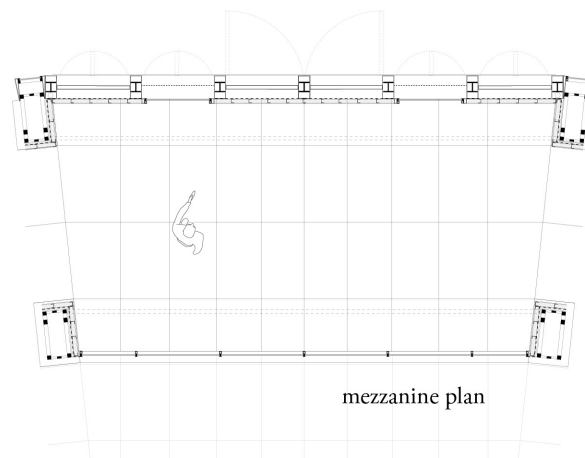
0.5 1 2 5m



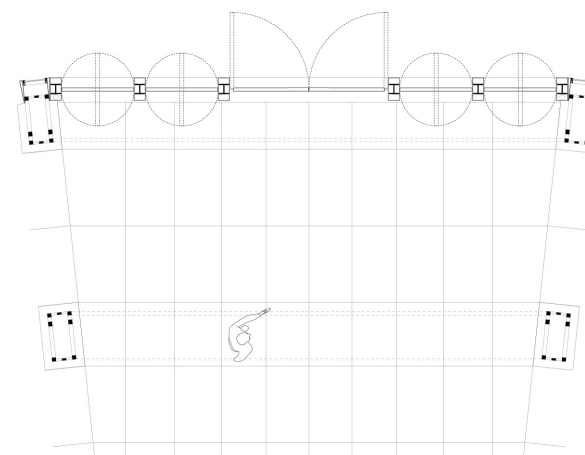
bay section



internal elevation



mezzanine plan

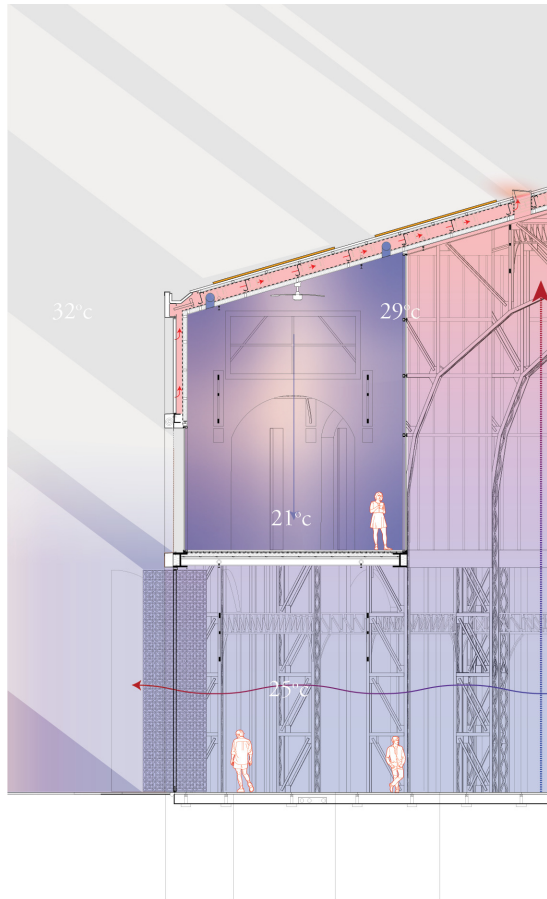


ground floor plan

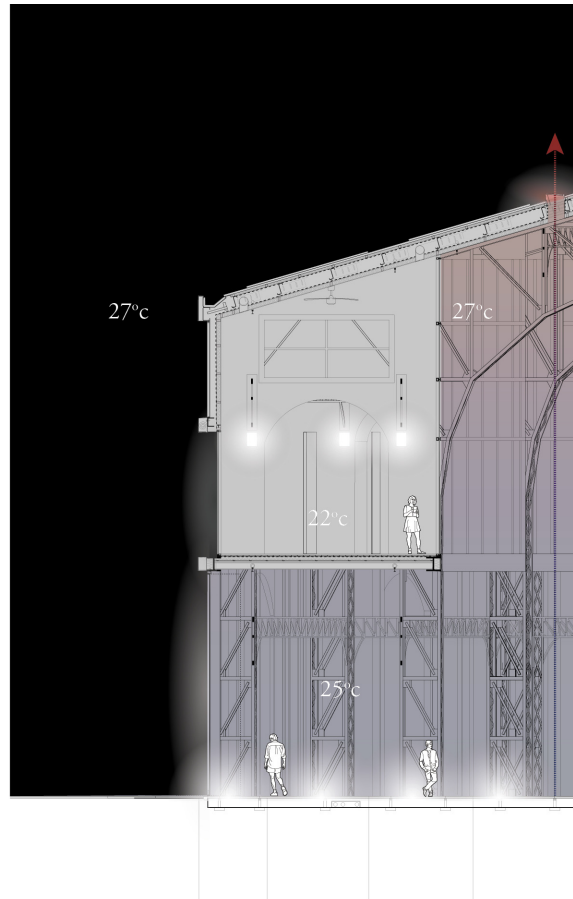
1:20 Detail of Framework Skin

0.5 1 2 5m

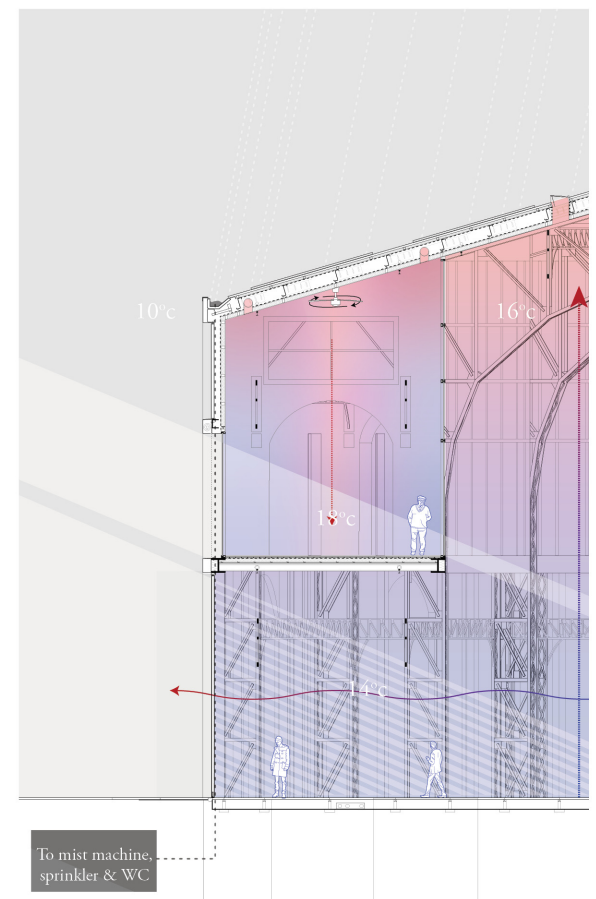
Summer Day



Summer Night



Winter Day



ORIGINAL FRAMEWORK

Low Carbon Steel



NEW FRAMEWORK

High Carbon Steel



SKIN

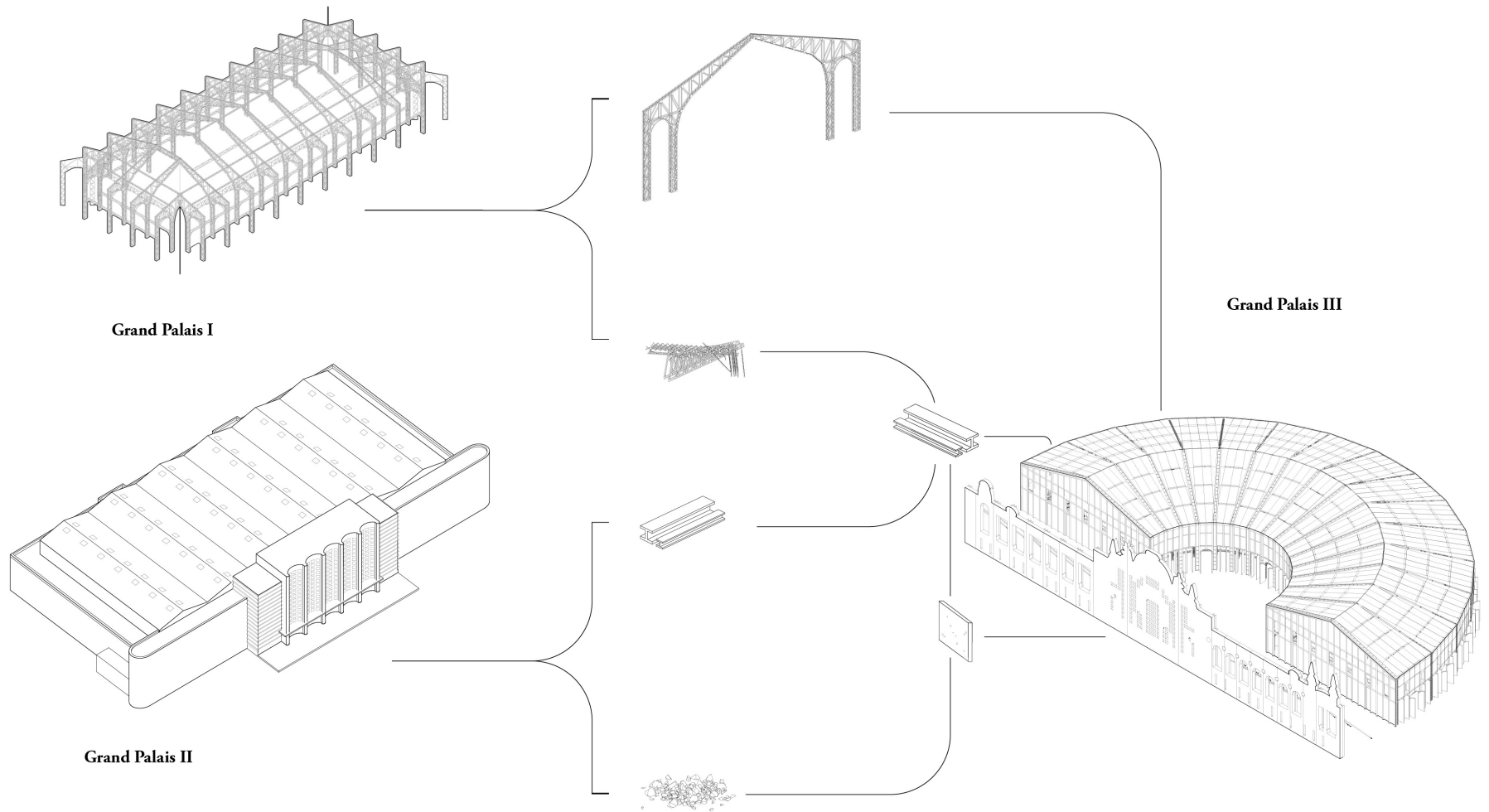
Weathering Steel (Corten)

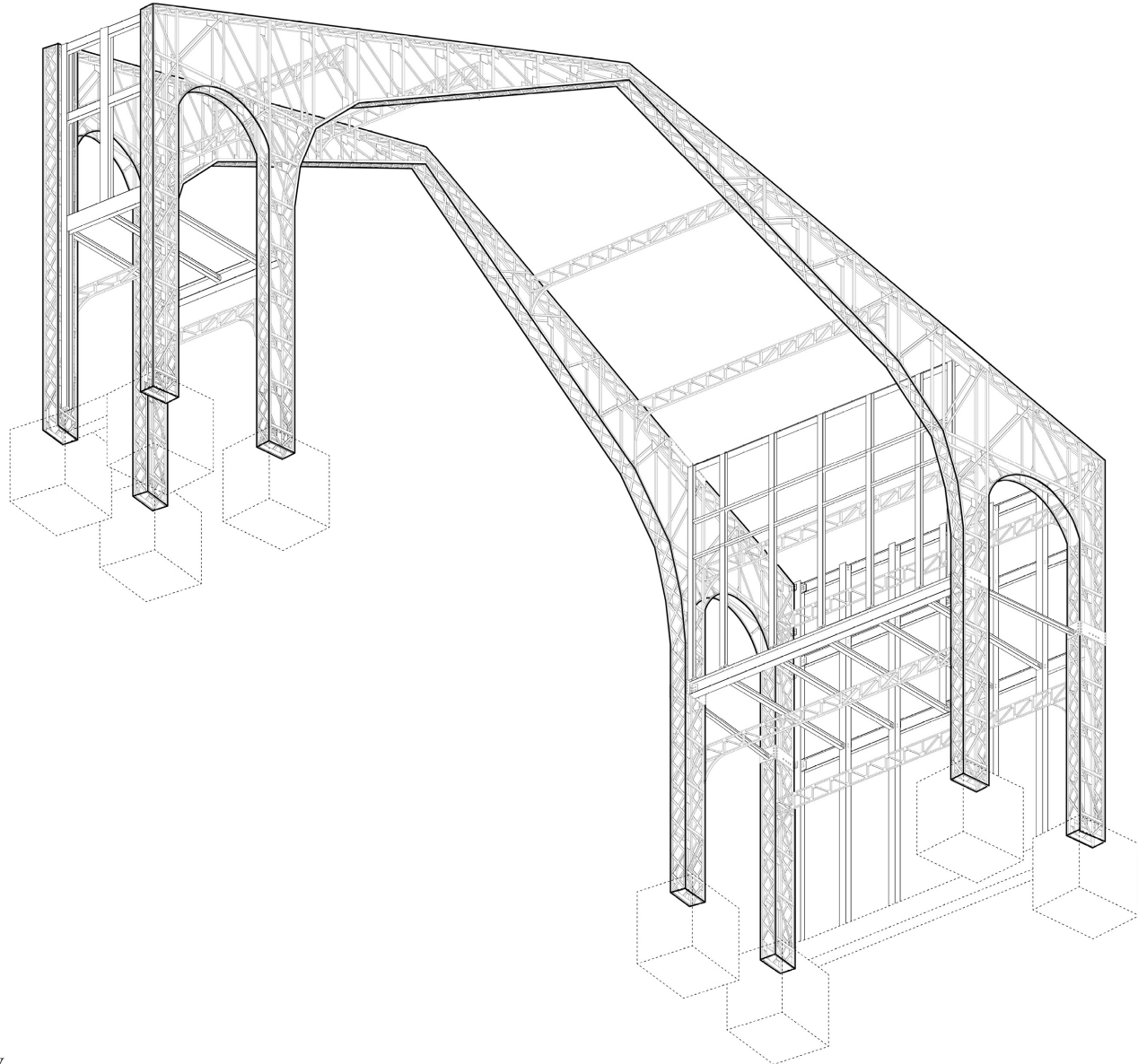


FACADE

Ferrock (Concrete with iron-based binder)



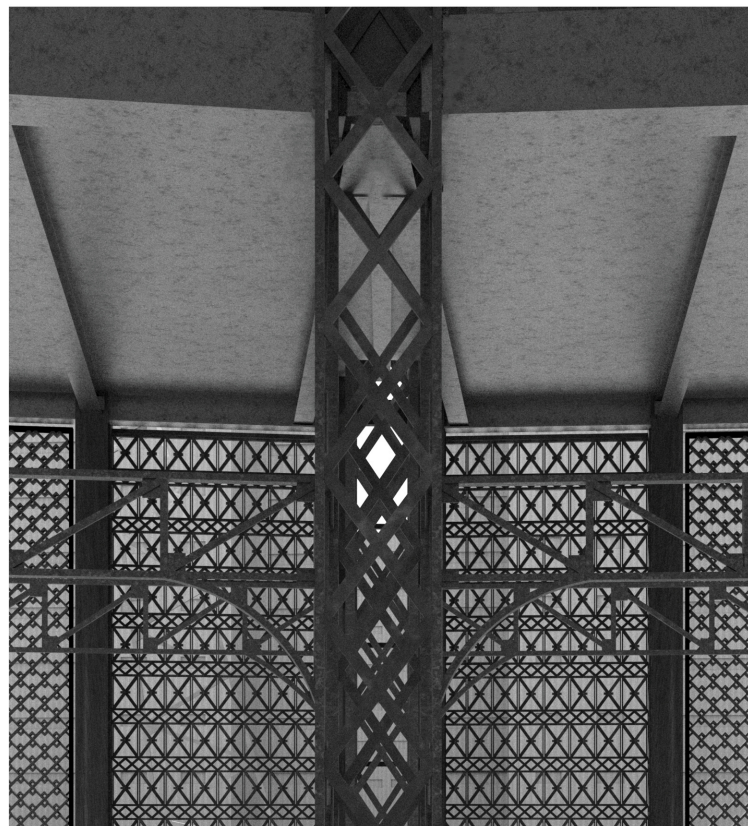




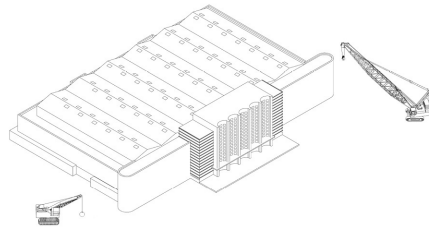
Worm's-eye view of framework bay



Archive photo, la Halle Eiffel in Arles, 2014



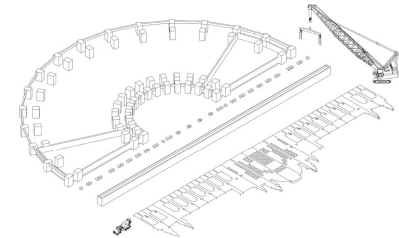
Proposed tectonic language



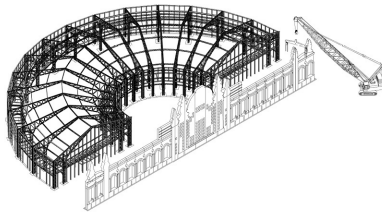
Demolition of the Grand Palais II



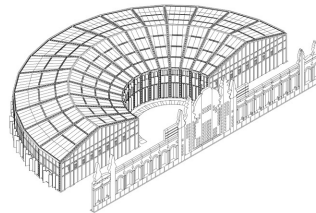
Recycling of the Grand Palais II



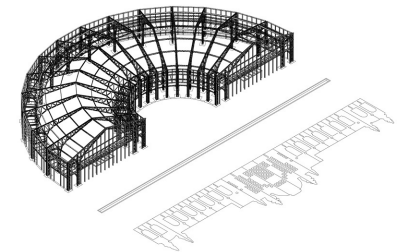
Ground works and facade casting



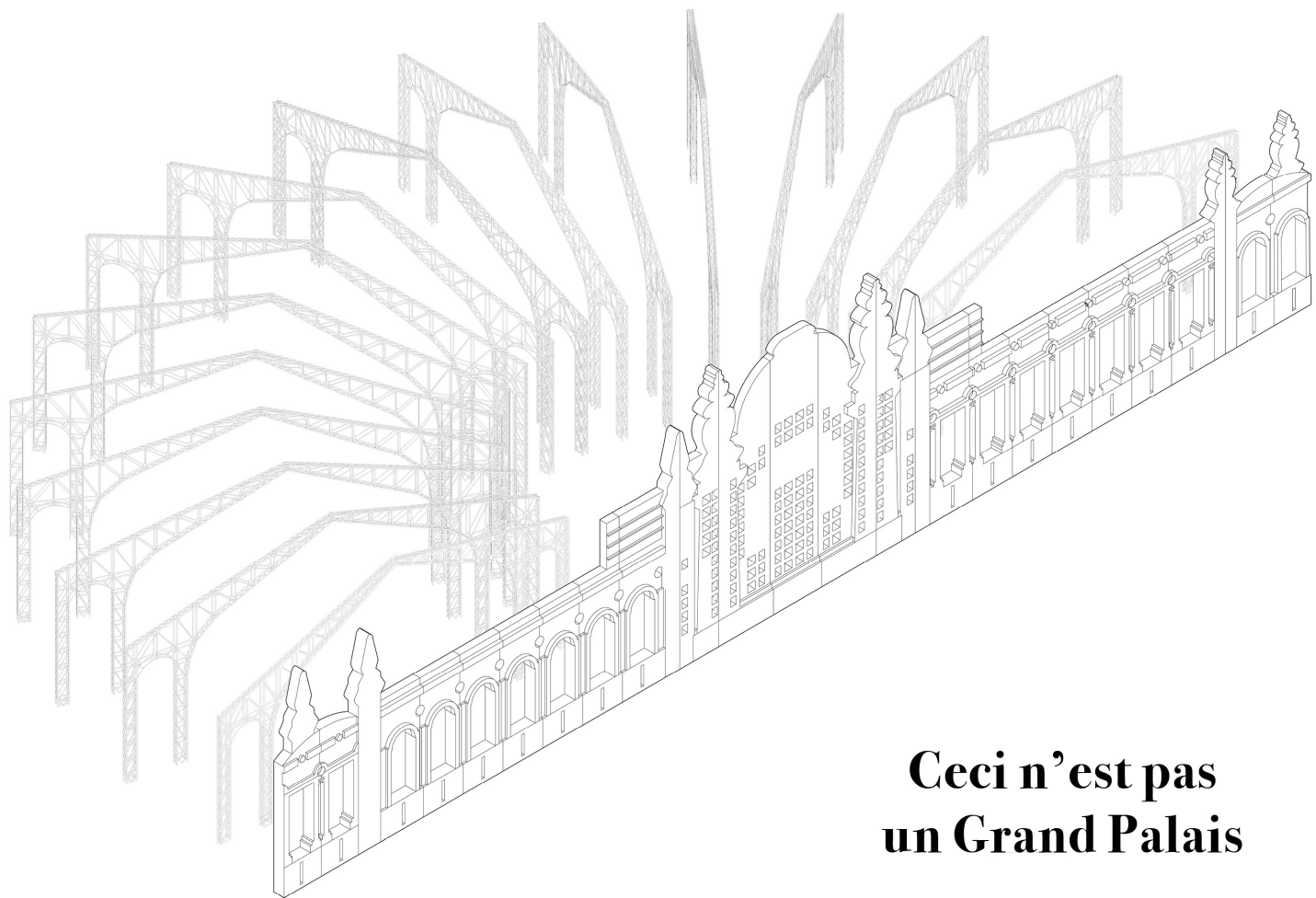
Erection of the primary and secondary structure, and facade



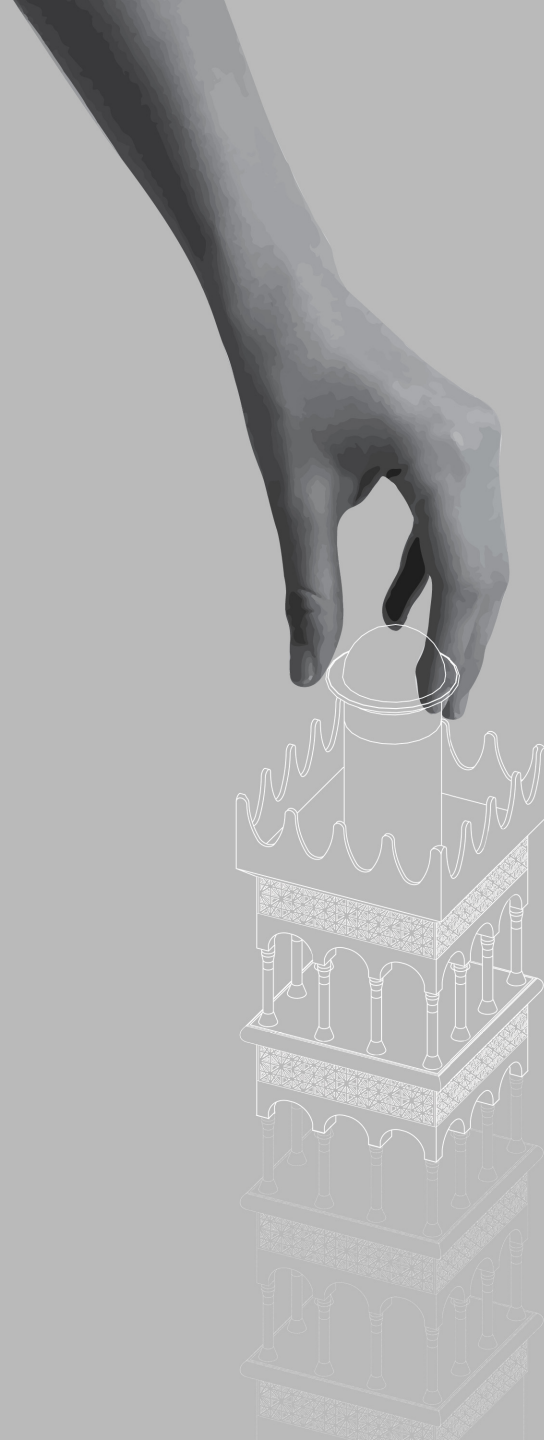
Insertion of the corten cassettes and profiles



Decommissioning



**Ceci n'est pas
un Grand Palais**

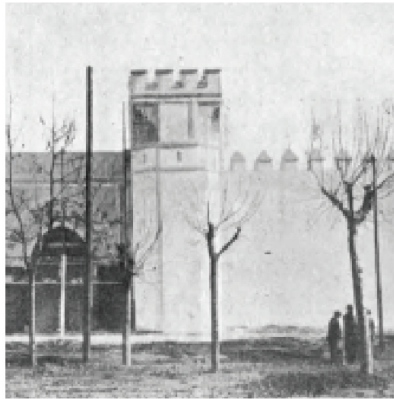


Resurfacing past pavilions

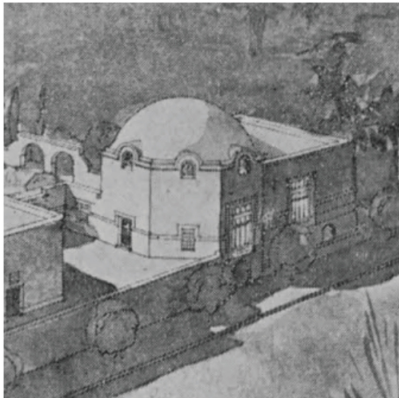
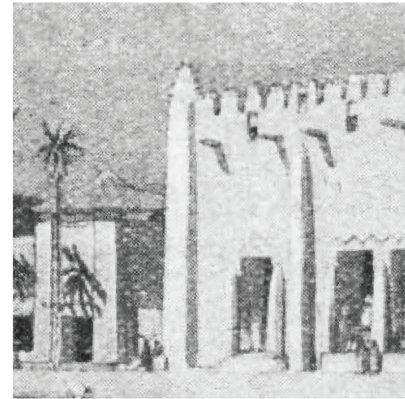
Pavillon de Madagascar



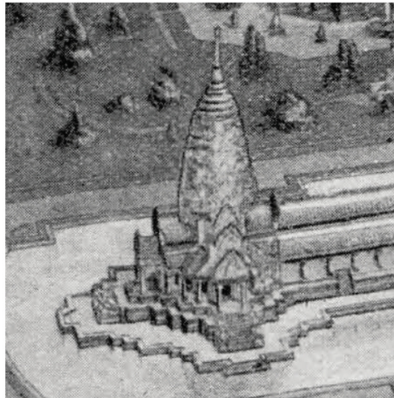
Pavillon du Maroc



Afrique Occidentale Française



Afrique Occidentale Française

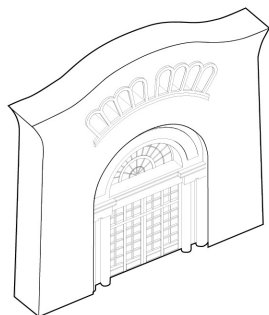


Pavillon d'Indochine

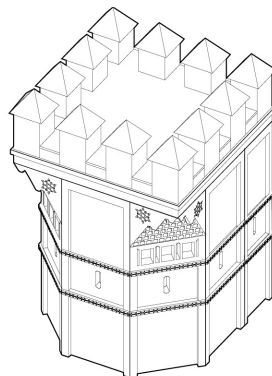


Pavillon d'Algérie

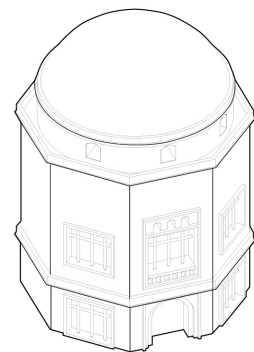
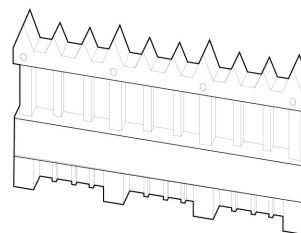
Pavillon de Madagascar



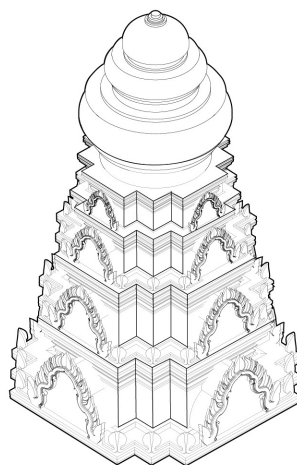
Pavillon du Maroc



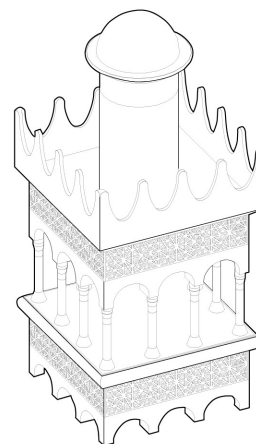
Afrique Occidentale Française



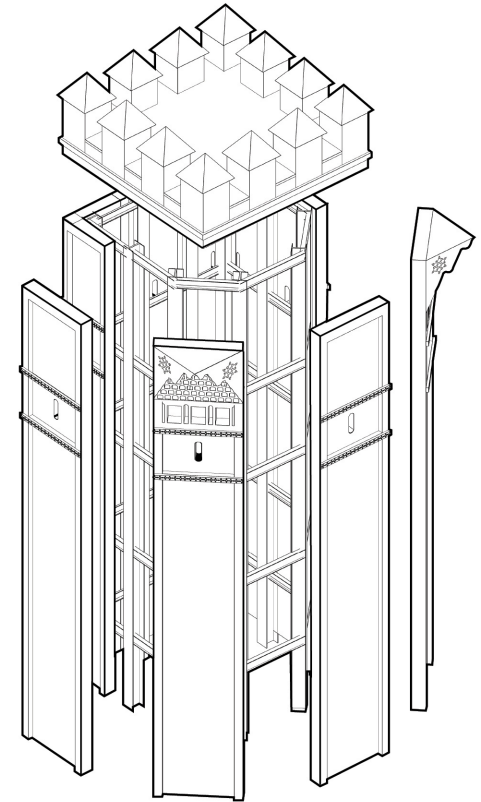
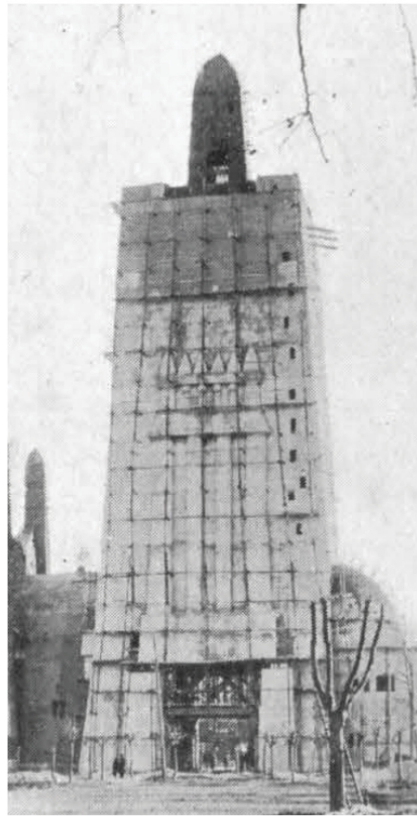
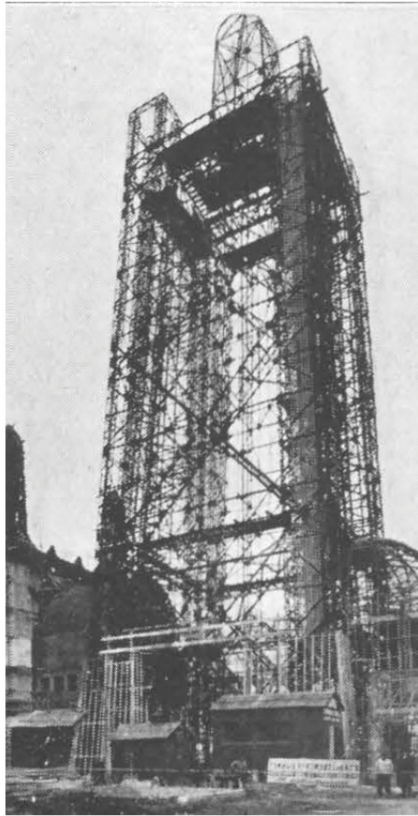
Afrique Occidentale Française



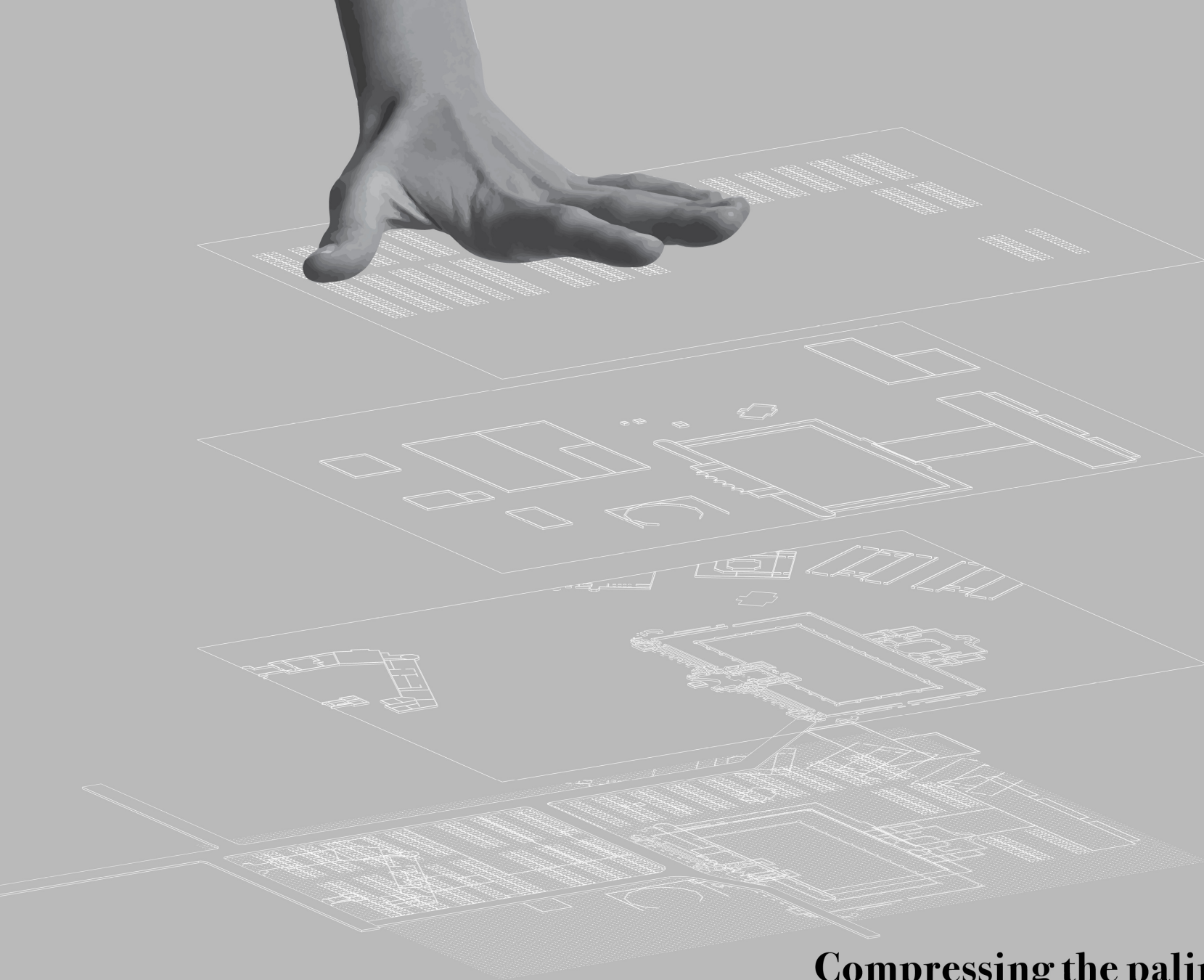
Pavillon d'Indochine



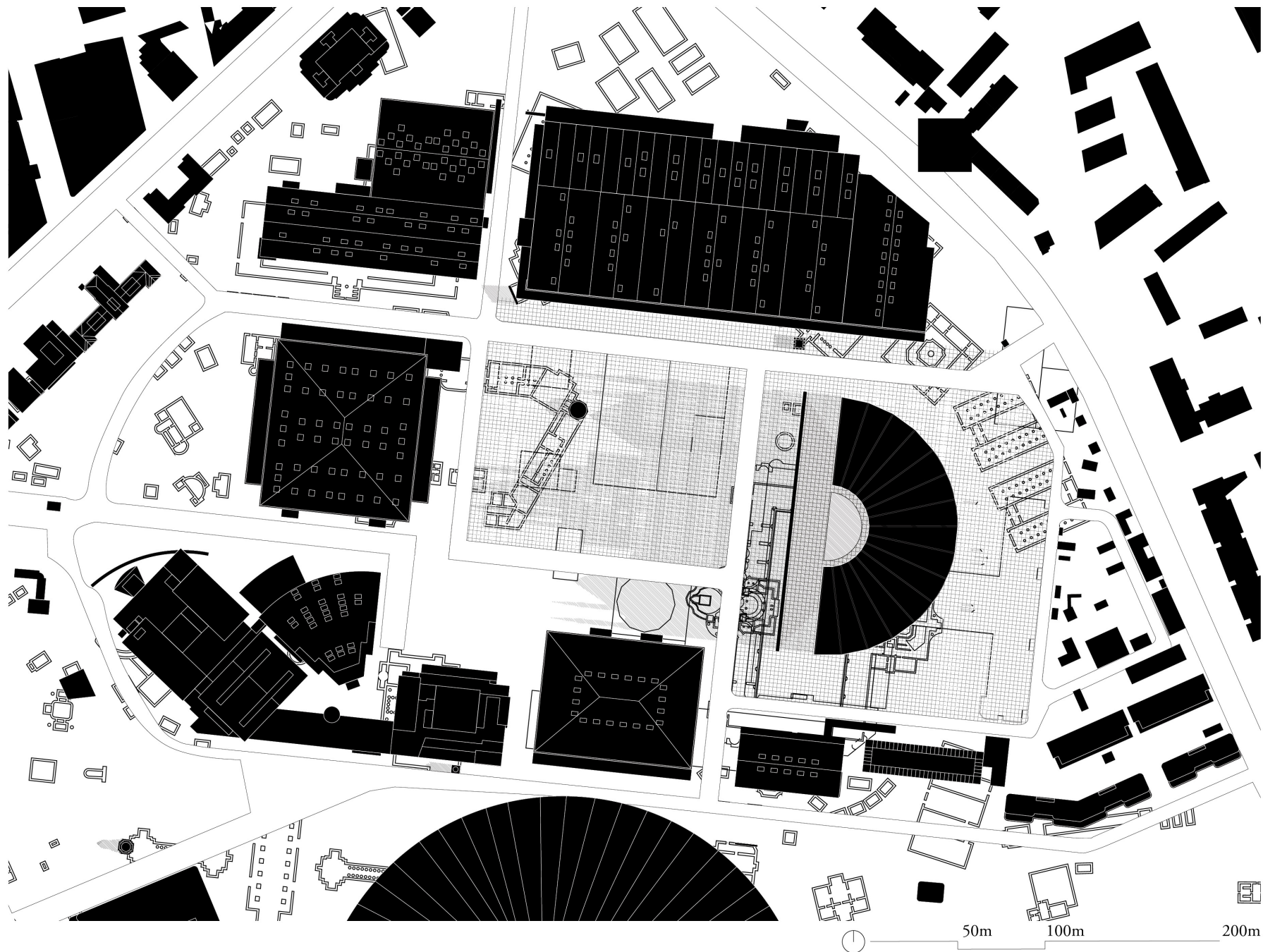
Pavillon d'Algérie

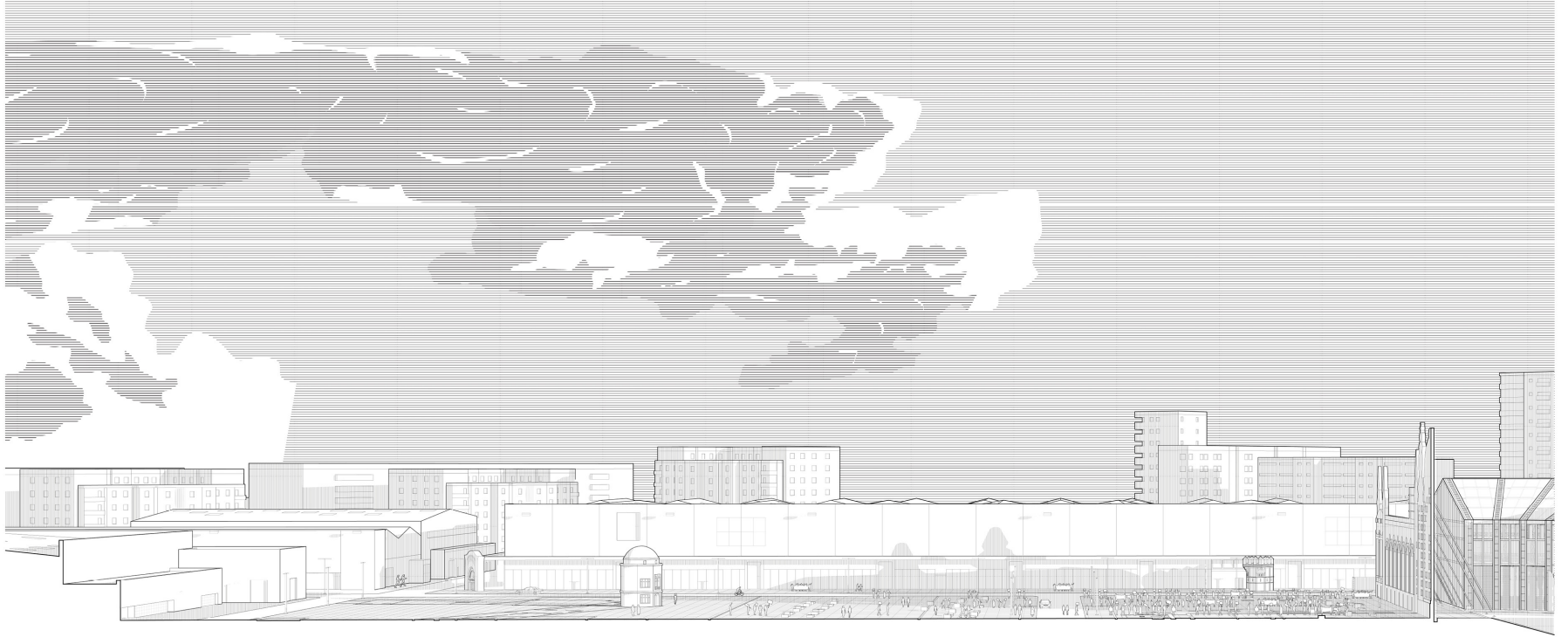


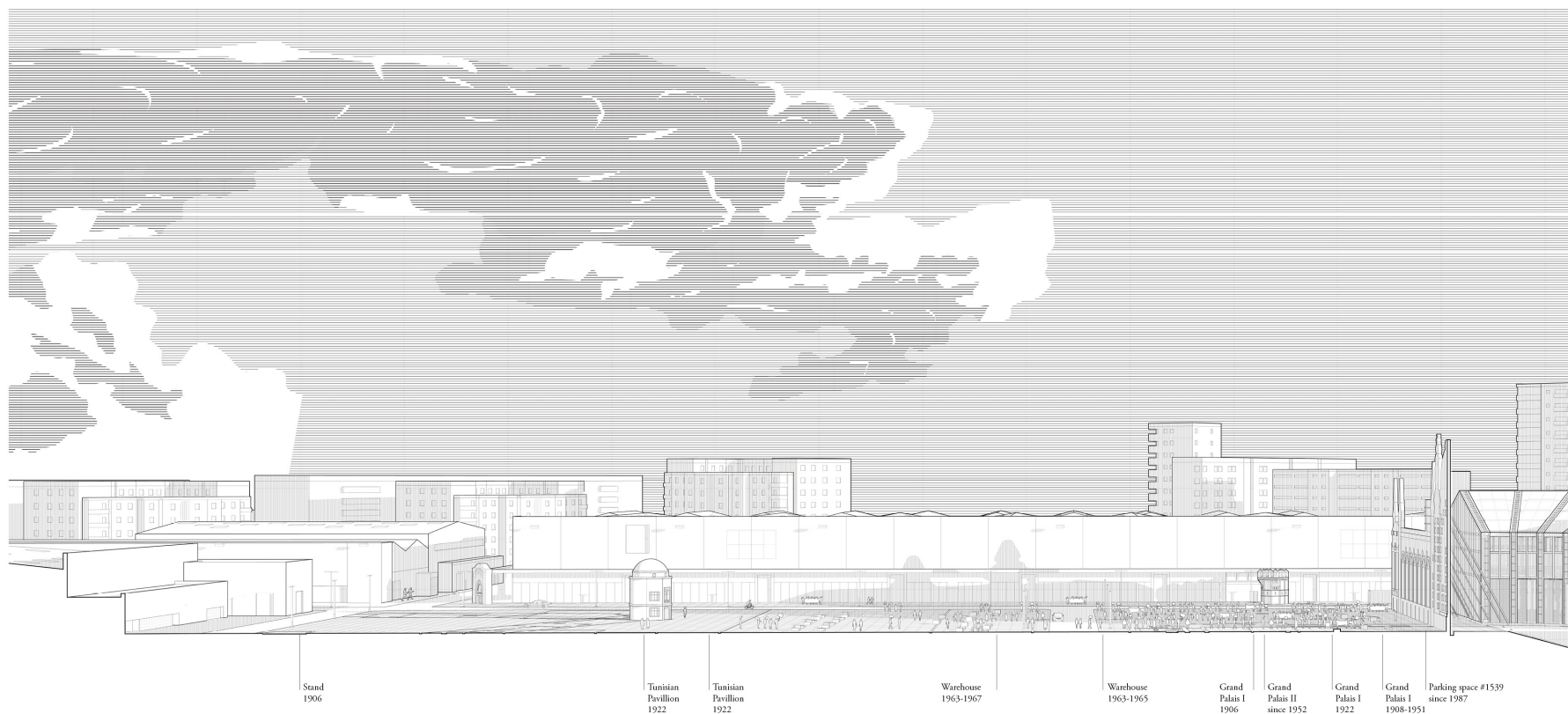
Following Chanot's lineage of potemkin construction



Compressing the palimpsest









Anish Kapoor - Venta Black



Michel Heizer - Displaced/Replaced Mass



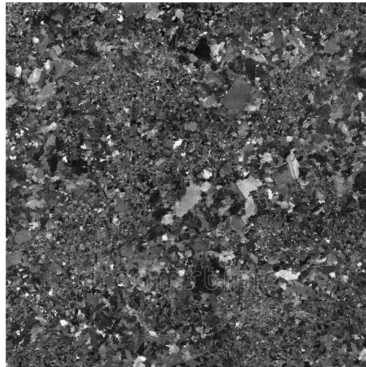
Pre 1922
Sandstone



Since 1922
Slate

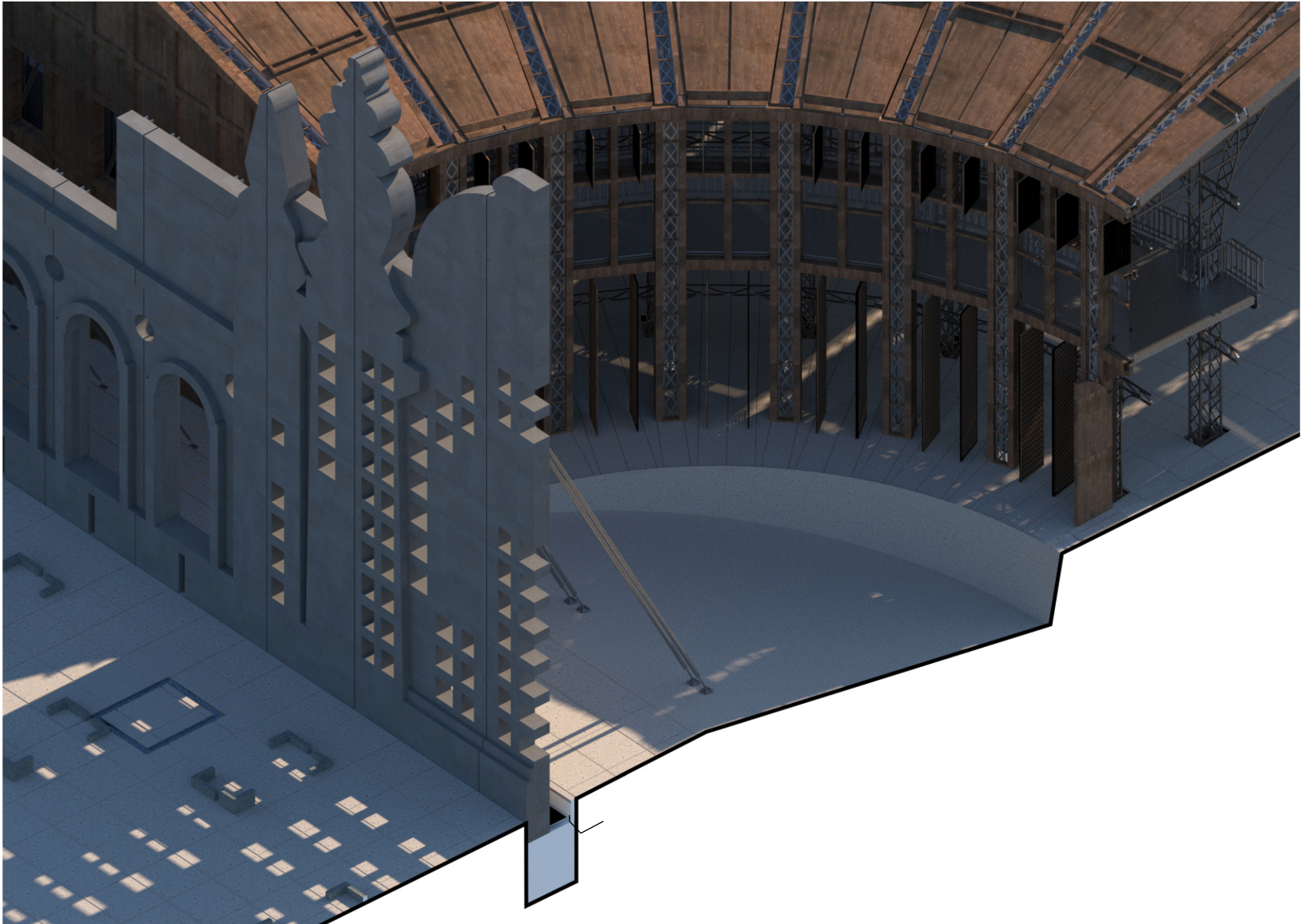


Parking
Granite

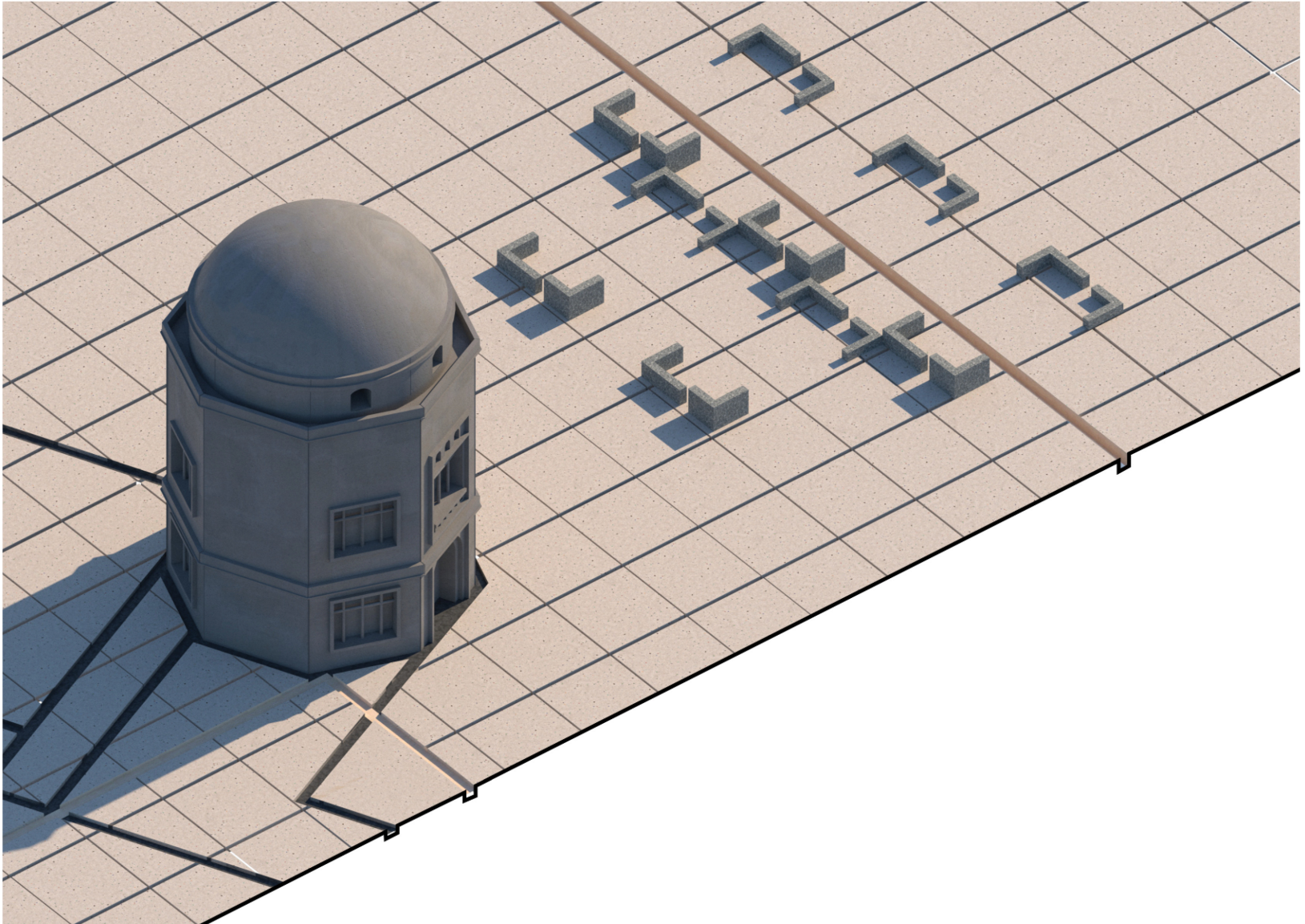


Datum Grid
Terrazzo

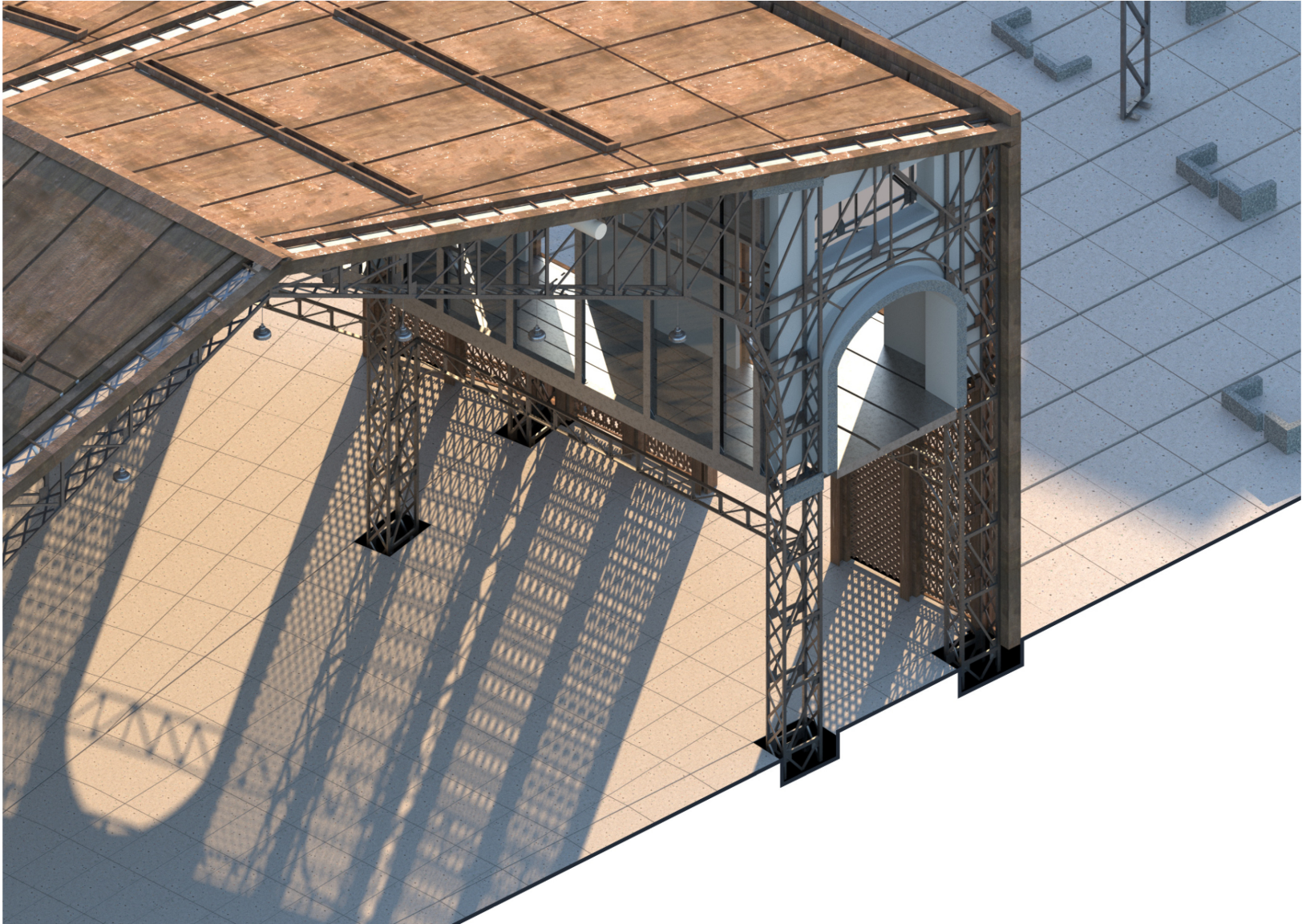




Meeting the palimpsest - Facade meets Fabric



Meeting the palimpsest - Folly meets Fabric



Meeting the palimpsest - Framework meets Fabric

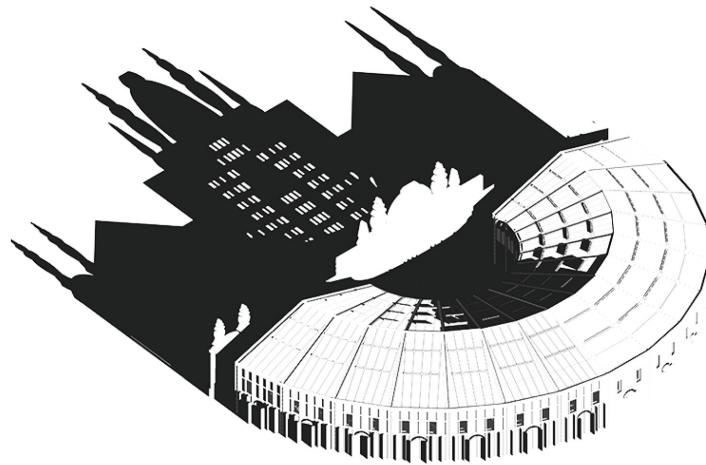


Epilogue

**“I come from a generation which, from a historical perspective, has
neither totems nor taboos.”**

Emmanuel Macron interviewed by L'Histoire, March 22, 2017.

Thank you



Many thanks to

Stefano Milani,
Carola Hein,
Jan van de Voort,
Douwe Tideman,
Veronique Carayon,
Leonoor Tideman,
Oliver Collinson,
Louise Gillett,
Mawee Pornpuntaalert,
Elena Quattri,
Katherina Bruh,
Filippo Testa,
Katrina Hemingway,
Ceren Kaya.

You made this final year in university thoroughly enjoyable
and I am very grateful for your support

Image Sources

Slide 10

Carayon, V. 2021. Parc Chanut.

Slide 11

gallica.bnf.fr

Slide 14

www.humanzoos.net, 'Marseille Colonial Exposition', 1922.

Slide 15

Eddie and The Subtitles, 'Skeletons in the Closet', 1981.

Slide 17

Remonter le temps, IGN.

Slide 18

Remonter le temps, IGN.

Slide 26

gallica.bnf.fr

Slide 27

Piranesi, Campo Marzio.

Slide 28

Pablo Picasso, 'Bull's Head', 1942.

Slide 32

gallica.bnf.fr

Slide 61

gallica.bnf.fr

Slide 68

gallica.bnf.fr

Slide 73

Anish Kapoor, 'Venta Black', 2015.

Michel Heizer, 'Displaced/Replaced Mass', 1969/1977.